

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081260.D
 Acq On : 28 Feb 2024 22:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 28 23:34:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	222705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	417806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	397721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	170414	62.429	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.860%			
35) Dibromofluoromethane	8.165	113	144809	61.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 122.580%			
50) Toluene-d8	10.571	98	464425	55.347	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.700%			
62) 4-Bromofluorobenzene	12.847	95	190207	60.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	160357	55.678	ug/l	96
3) Chloromethane	2.365	50	159831	50.877	ug/l	98
4) Vinyl Chloride	2.518	62	174223	54.459	ug/l	95
5) Bromomethane	2.954	94	102087	44.928	ug/l	88
6) Chloroethane	3.118	64	124810	60.526	ug/l	99
7) Trichlorofluoromethane	3.495	101	277872	59.455	ug/l	90
8) Diethyl Ether	3.959	74	98176	57.456	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	157760	60.551	ug/l	94
10) Methyl Iodide	4.595	142	149499	51.406	ug/l	97
11) Tert butyl alcohol	5.524	59	146091	291.011	ug/l	100
12) 1,1-Dichloroethene	4.342	96	141778	56.294	ug/l	88
13) Acrolein	4.177	56	64425	239.439	ug/l	99
14) Allyl chloride	5.030	41	204989	54.856	ug/l #	90
15) Acrylonitrile	5.718	53	436701	333.083	ug/l	98
16) Acetone	4.424	43	320265	298.173	ug/l	97
17) Carbon Disulfide	4.718	76	338608	48.203	ug/l	96
18) Methyl Acetate	5.024	43	203556	77.687	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	533655	61.867	ug/l	99
20) Methylene Chloride	5.283	84	171963	62.112	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	156122	55.561	ug/l	95
22) Diisopropyl ether	6.671	45	538950	63.579	ug/l #	93
23) Vinyl Acetate	6.606	43	2113186	307.257	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	308759	62.994	ug/l	95
25) 2-Butanone	7.483	43	557833	321.476	ug/l	94
26) 2,2-Dichloropropane	7.495	77	237929	51.807	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	195357	59.840	ug/l	87
28) Bromochloromethane	7.812	49	135168	66.520	ug/l #	67
29) Tetrahydrofuran	7.842	42	367775	317.500	ug/l #	85
30) Chloroform	7.971	83	340874	65.419	ug/l	98
31) Cyclohexane	8.259	56	251342	53.325	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	288806	60.859	ug/l	93
36) 1,1-Dichloropropene	8.377	75	230085	56.845	ug/l	98
37) Ethyl Acetate	7.559	43	233683	63.971	ug/l	97
38) Carbon Tetrachloride	8.365	117	247455	60.428	ug/l	97
39) Methylcyclohexane	9.606	83	259655	55.031	ug/l	91
40) Benzene	8.606	78	711437	60.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	131017	63.020	ug/l	96
42) 1,2-Dichloroethane	8.671	62	253787	62.090	ug/l	99
43) Isopropyl Acetate	8.689	43	400084	62.623	ug/l	97
44) Trichloroethene	9.353	130	180295	57.779	ug/l	99
45) 1,2-Dichloropropane	9.624	63	181298	61.863	ug/l	99
46) Dibromomethane	9.712	93	131455	61.563	ug/l	93
47) Bromodichloromethane	9.888	83	258600	63.945	ug/l #	98
48) Methyl methacrylate	9.683	41	191337	64.363	ug/l	92
49) 1,4-Dioxane	9.694	88	72284	1334.709	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1244462	338.613	ug/l	95
52) Toluene	10.635	92	452029	60.946	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	269740	60.021	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	289610	59.646	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	187802	65.834	ug/l	95
56) Ethyl methacrylate	10.877	69	276379	63.393	ug/l	90
57) 1,3-Dichloropropane	11.165	76	316418	64.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	720589	329.409	ug/l #	89
59) 2-Hexanone	11.200	43	924293	317.224	ug/l	96
60) Dibromochloromethane	11.365	129	195658	64.563	ug/l	95
61) 1,2-Dibromoethane	11.471	107	188855	62.956	ug/l	96
64) Tetrachloroethene	11.106	164	171195	63.068	ug/l	91
65) Chlorobenzene	11.894	112	471267	54.748	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	176001	56.926	ug/l	99
67) Ethyl Benzene	11.965	91	876859	56.928	ug/l	97
68) m/p-Xylenes	12.077	106	661020	111.961	ug/l	97
69) o-Xylene	12.400	106	325305	55.585	ug/l	97
70) Styrene	12.412	104	541893	58.433	ug/l	97
71) Bromoform	12.582	173	122897	62.654	ug/l #	96
73) Isopropylbenzene	12.700	105	861043	53.878	ug/l	98
74) N-amyl acetate	12.500	43	356671	52.806	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	260770	58.029	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	208221m	50.172	ug/l	
77) Bromobenzene	12.982	156	191739	53.808	ug/l	79
78) n-propylbenzene	13.041	91	1024129	55.666	ug/l	96
79) 2-Chlorotoluene	13.129	91	603025	53.438	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	728366	56.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	82797m	51.351	ug/l	
82) 4-Chlorotoluene	13.224	91	596933	54.100	ug/l	94
83) tert-Butylbenzene	13.441	119	628186	56.067	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	731847	56.679	ug/l	96
85) sec-Butylbenzene	13.618	105	904813	58.090	ug/l	95
86) p-Isopropyltoluene	13.735	119	743912	57.499	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	364601	54.152	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	361074	54.577	ug/l	97
89) n-Butylbenzene	14.059	91	661823	58.717	ug/l	97
90) Hexachloroethane	14.335	117	128832	60.243	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	352141	54.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53305	57.053	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	191025	52.728	ug/l	98
94) Hexachlorobutadiene	15.506	225	68651	50.810	ug/l	98
95) Naphthalene	15.641	128	719648	54.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	199088	55.395	ug/l	100

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ClientSampleId :
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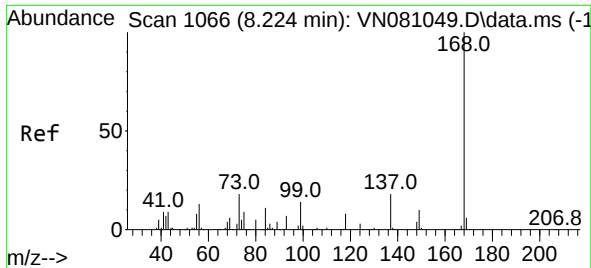
Manual Integrations
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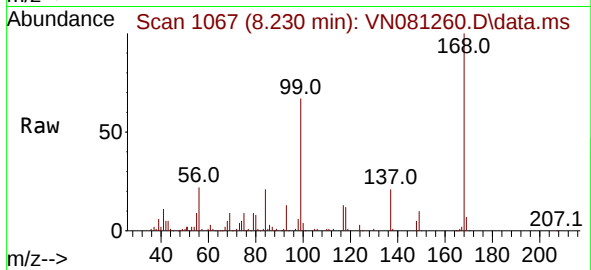
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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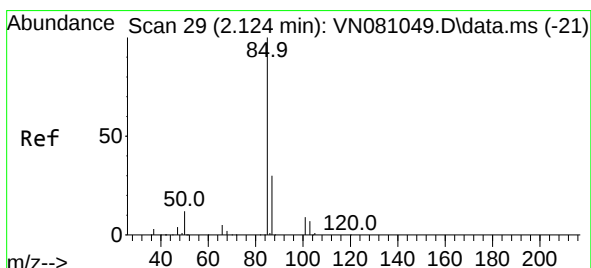
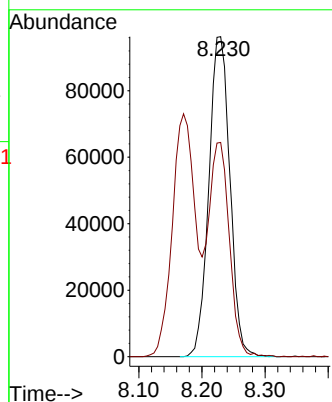
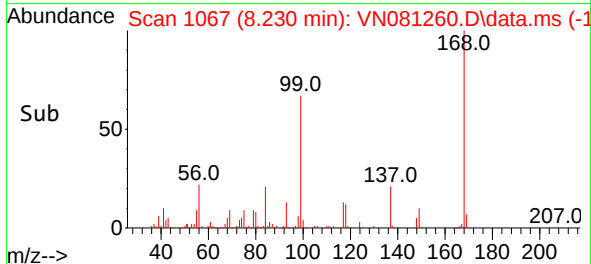
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 222705
Ion Ratio Lower Upper
168 100
99 67.0 59.9 89.9

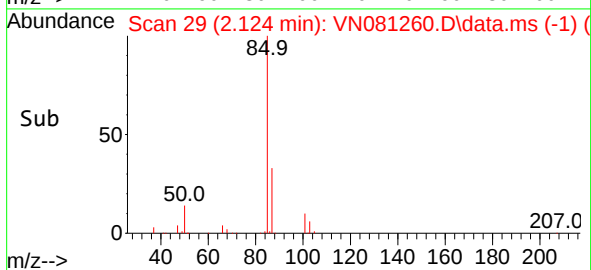
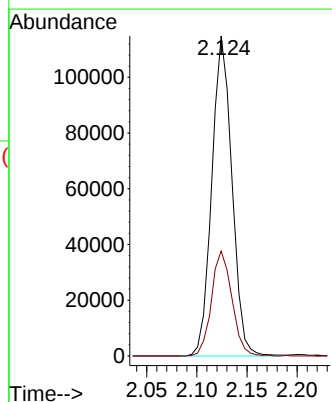
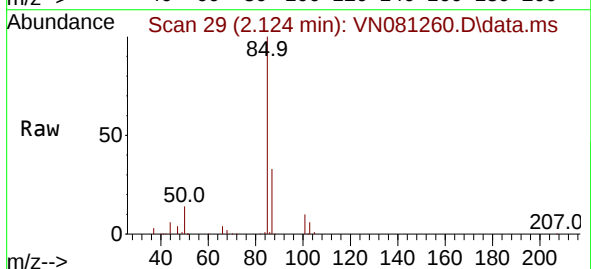
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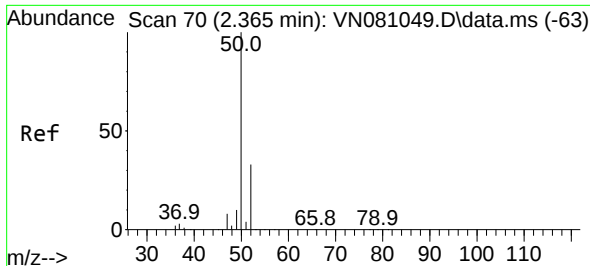
Reviewed By :John Carlone 02/29/2024
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#2
Dichlorodifluoromethane
Concen: 55.678 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

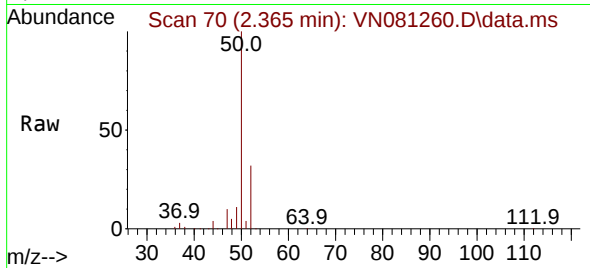
Tgt Ion: 85 Resp: 160357
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9





#3
Chloromethane
Concen: 50.877 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

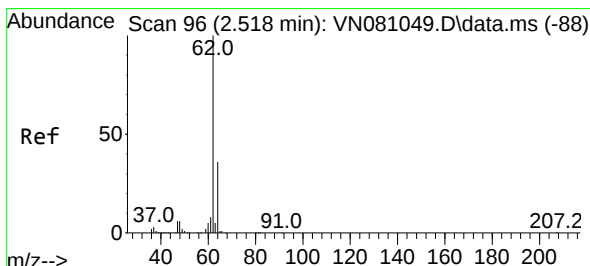
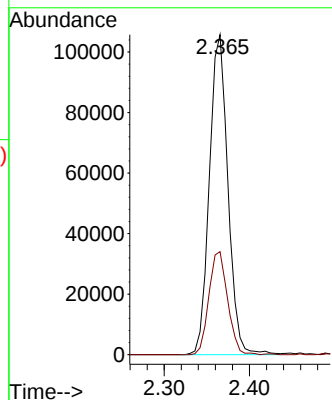
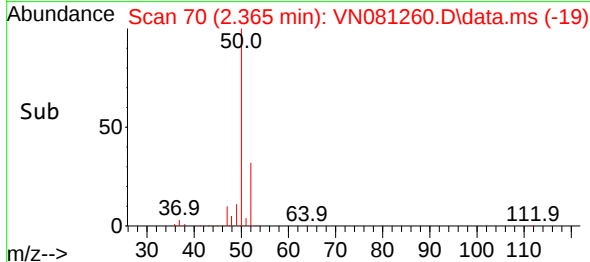
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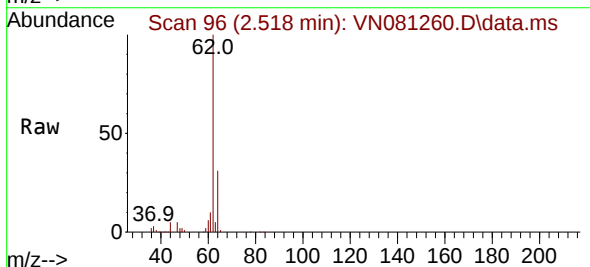
Tgt Ion: 50 Resp: 15983
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4

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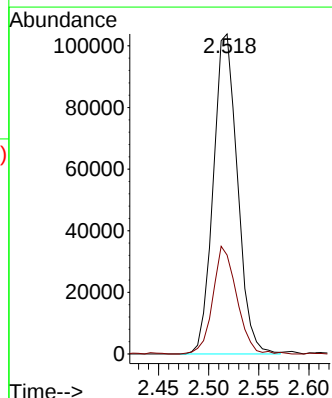
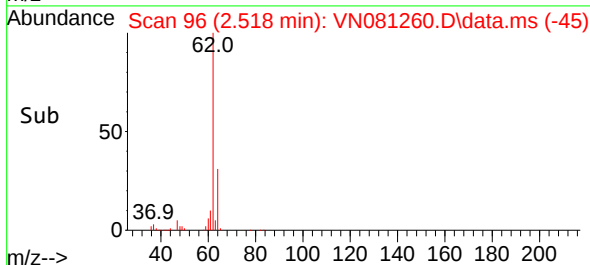
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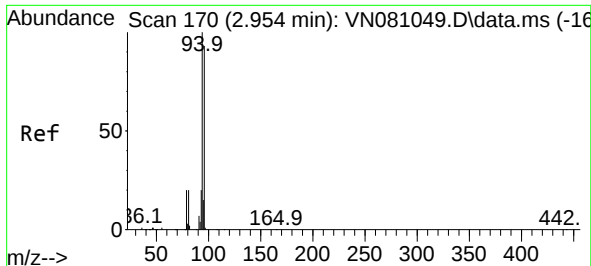


#4
Vinyl Chloride
Concen: 54.459 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



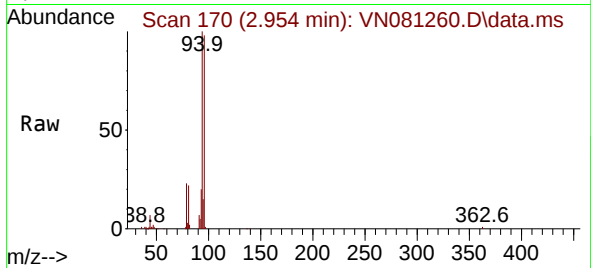
Tgt Ion: 62 Resp: 174223
Ion Ratio Lower Upper
62 100
64 30.9 22.7 34.1





#5
Bromomethane
Concen: 44.928 ug/l
RT: 2.954 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

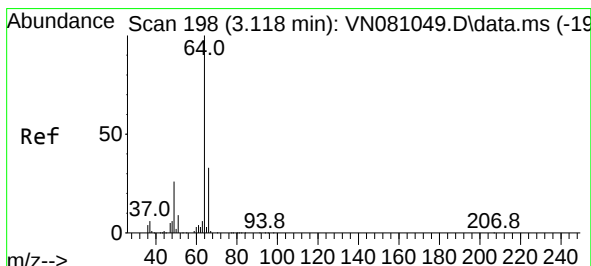
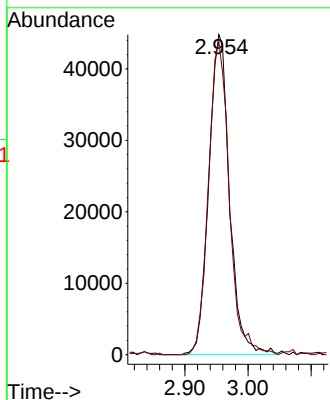
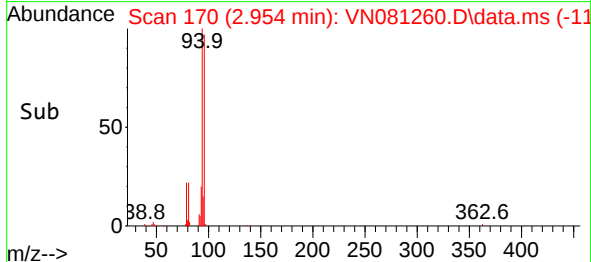
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Tgt Ion: 94 Resp: 10208
Ion Ratio Lower Upper
94 100
96 97.7 69.2 103.8

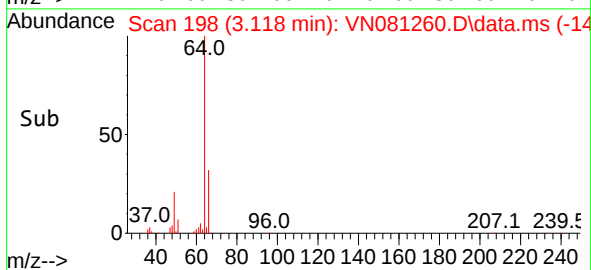
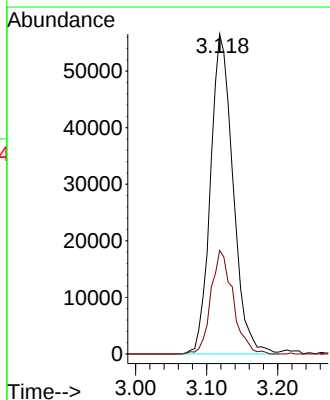
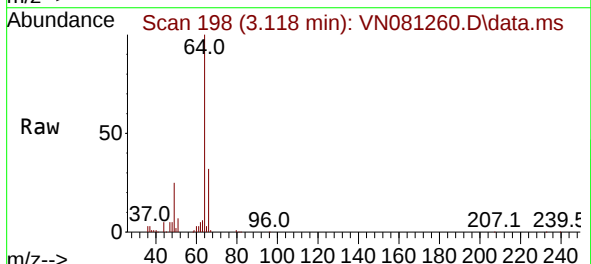
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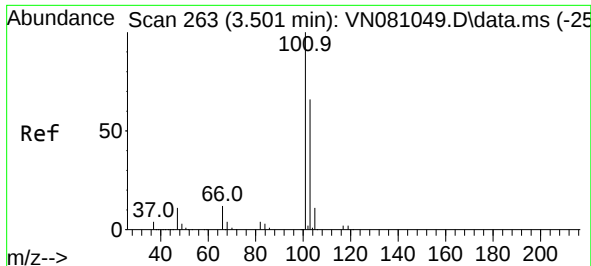
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#6
Chloroethane
Concen: 60.526 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 124810
Ion Ratio Lower Upper
64 100
66 32.3 26.4 39.6





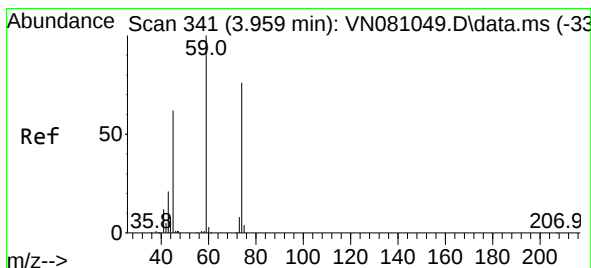
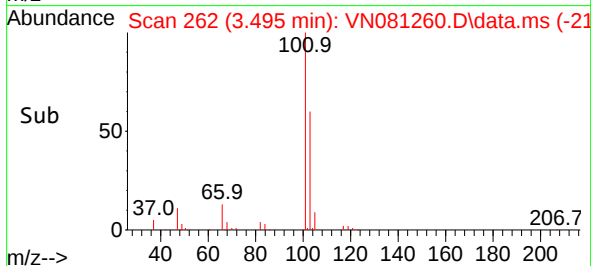
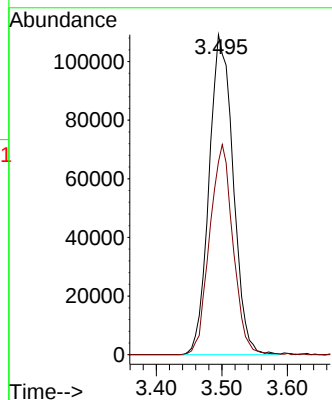
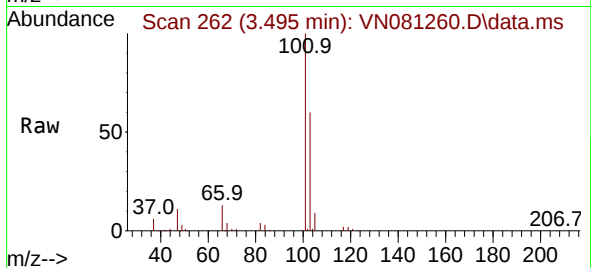
#7
Trichlorofluoromethane
Concen: 59.455 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 277872
Ion Ratio Lower Upper
101 100
103 60.2 54.4 81.6

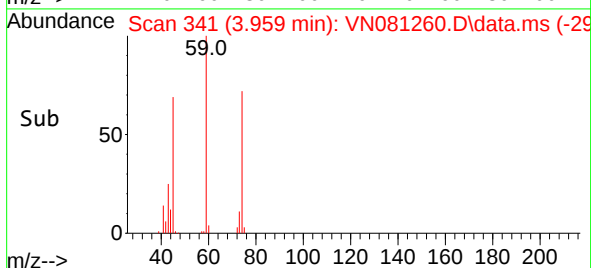
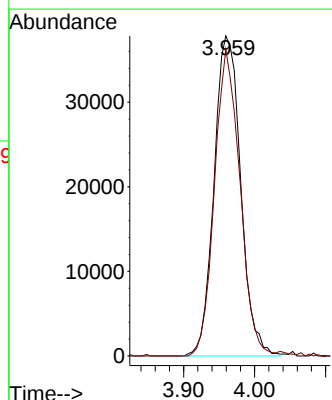
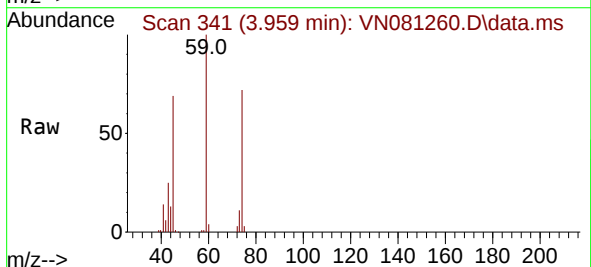
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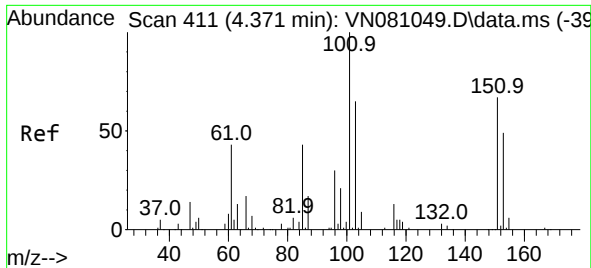
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#8
Diethyl Ether
Concen: 57.456 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 98176
Ion Ratio Lower Upper
74 100
45 91.8 53.3 159.9





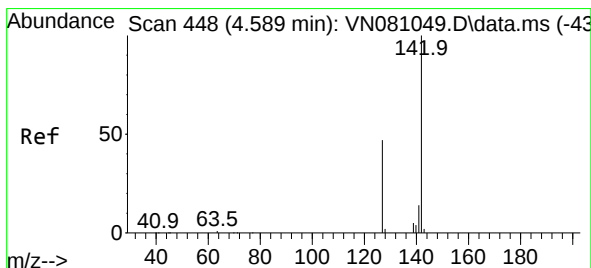
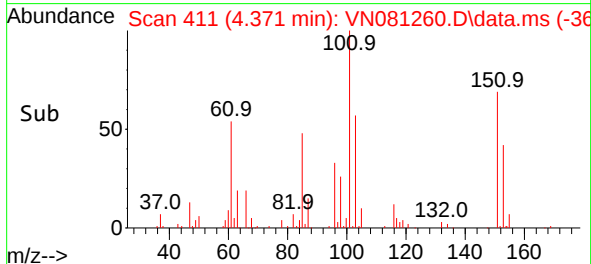
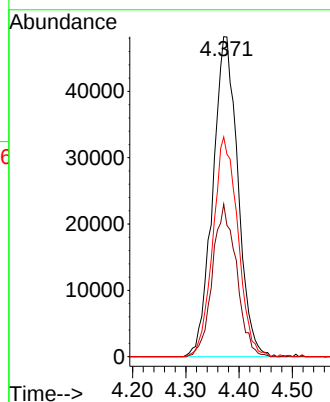
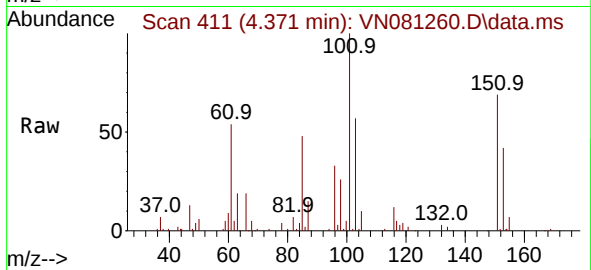
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.551 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 157760
Ion Ratio Lower Upper
101 100
85 45.5 38.1 57.1
151 68.1 49.1 73.7

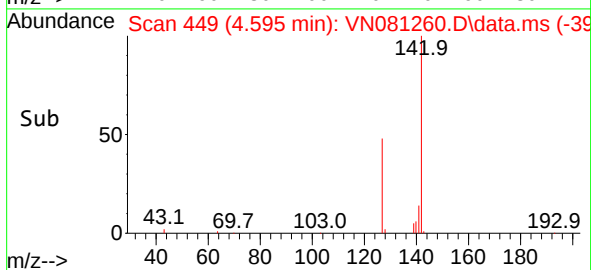
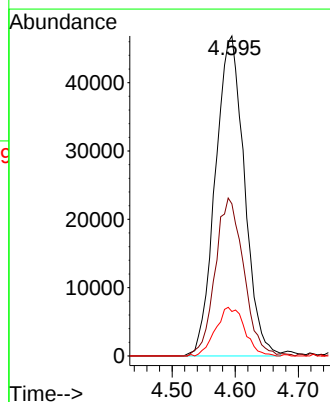
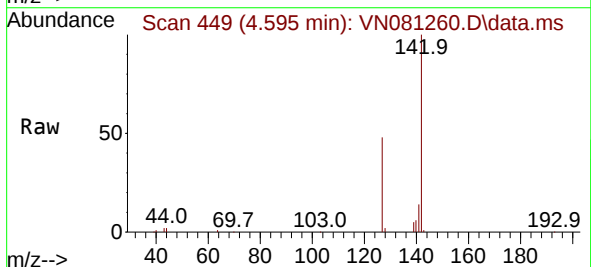
Manual Integrations
APPROVED

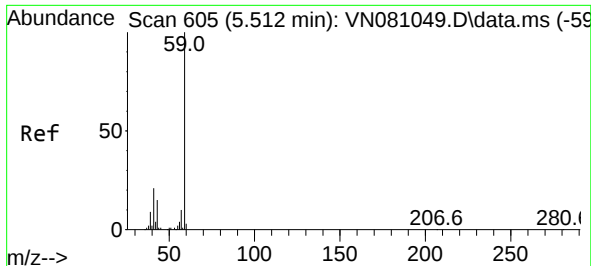
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 51.406 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

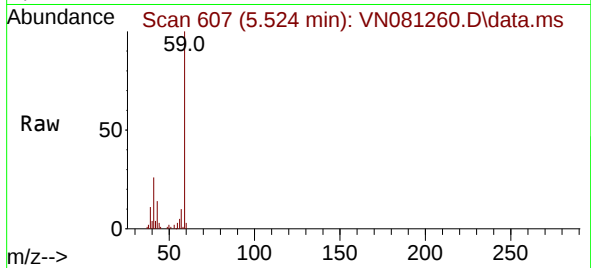
Tgt Ion:142 Resp: 149499
Ion Ratio Lower Upper
142 100
127 47.6 37.0 55.4
141 13.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 291.011 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

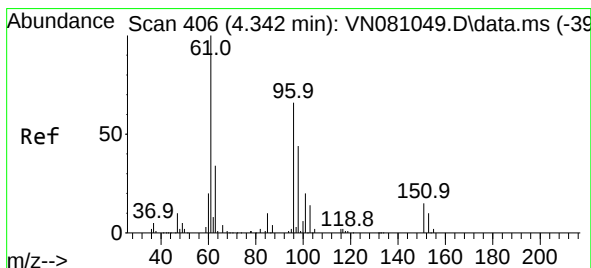
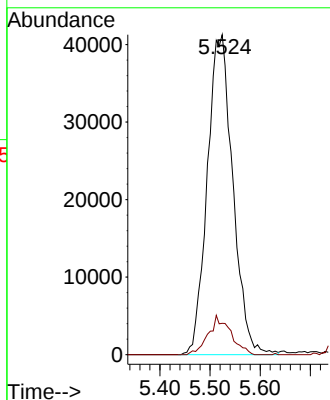
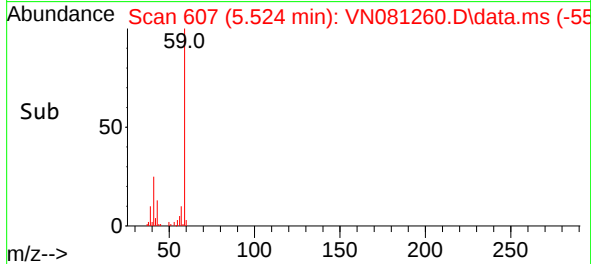
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 14609
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

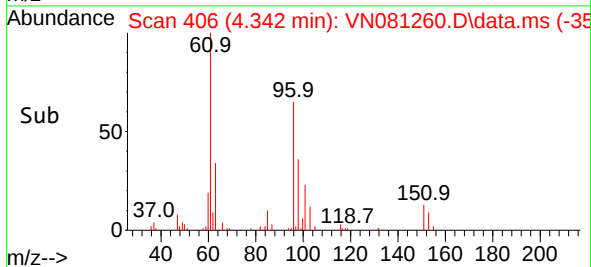
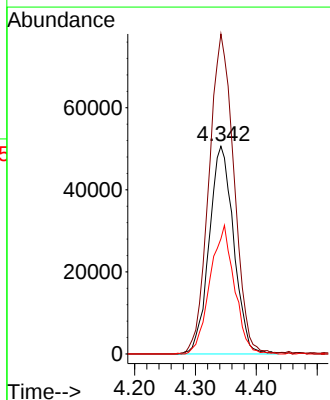
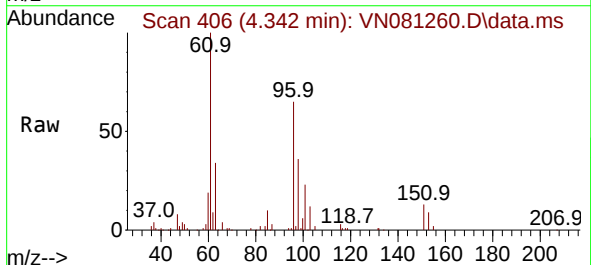
Manual Integrations
APPROVED

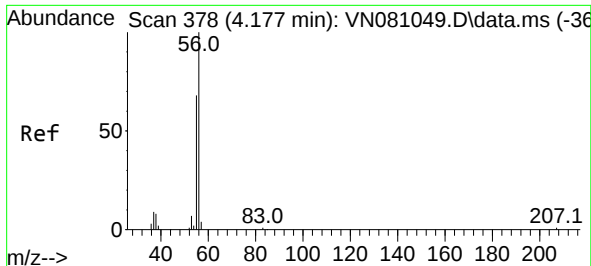
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#12
1,1-Dichloroethene
Concen: 56.294 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

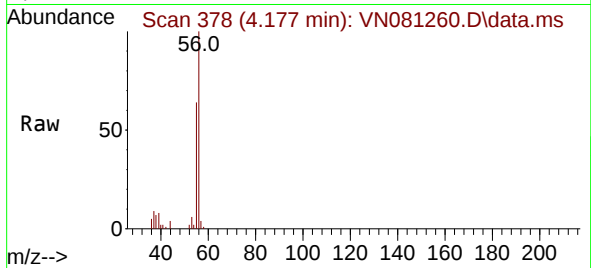
Tgt Ion: 96 Resp: 141778
Ion Ratio Lower Upper
96 100
61 154.1 138.2 207.4
98 55.4 49.2 73.8





#13
Acrolein
Concen: 239.439 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

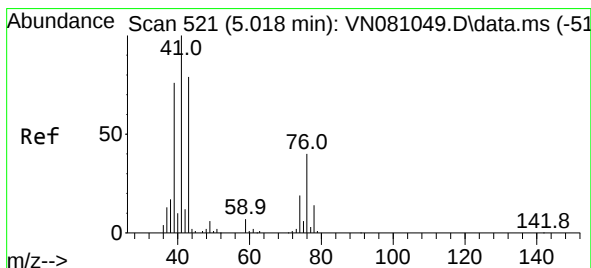
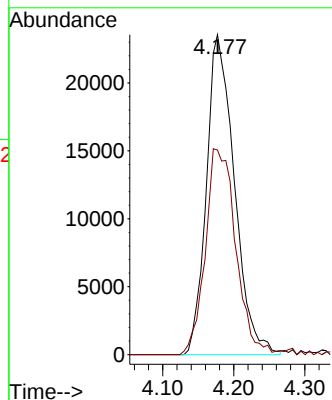
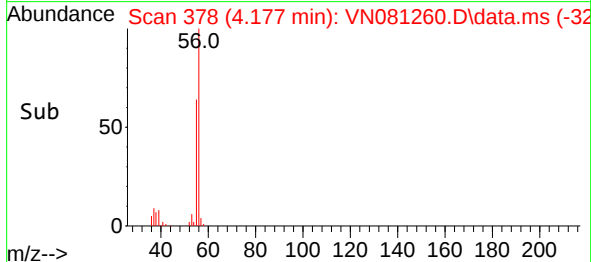
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



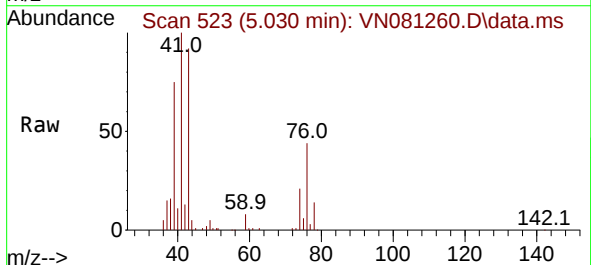
Tgt Ion: 56 Resp: 64425
Ion Ratio Lower Upper
56 100
55 69.7 55.3 82.9

Manual Integrations
APPROVED

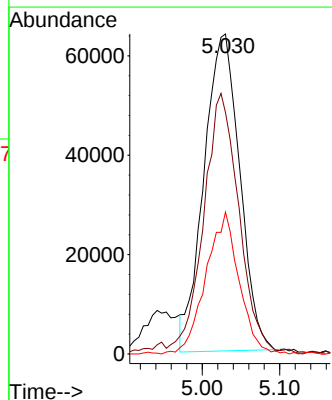
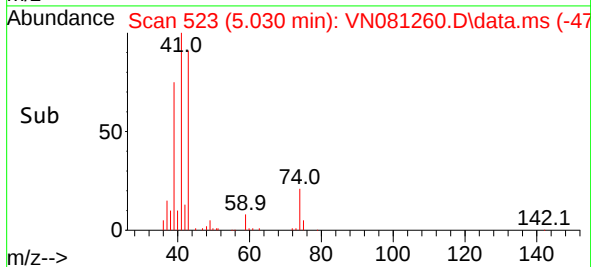
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

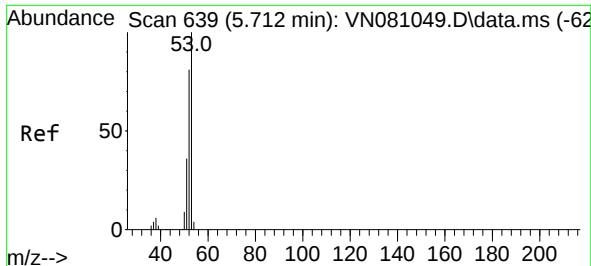


#14
Allyl chloride
Concen: 54.856 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



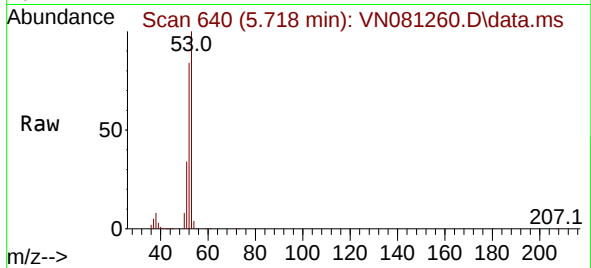
Tgt Ion: 41 Resp: 204989
Ion Ratio Lower Upper
41 100
39 79.3 57.7 86.5
76 41.4 26.8 40.2#





#15
Acrylonitrile
Concen: 333.083 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

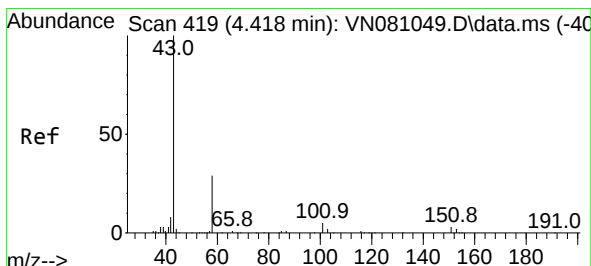
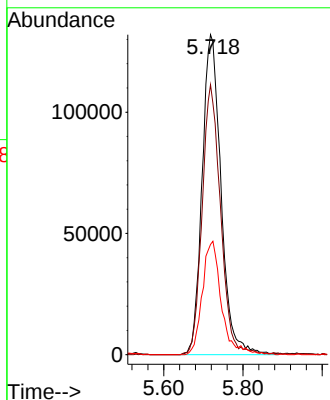
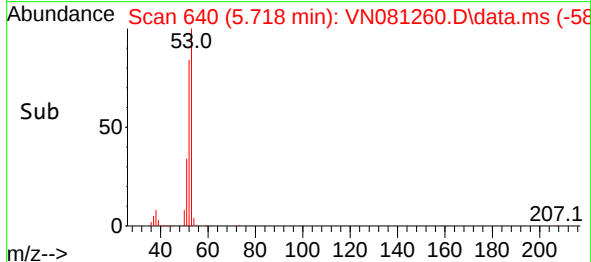
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



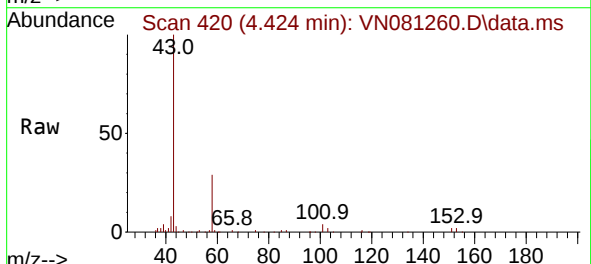
Tgt Ion: 53 Resp: 43670
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 35.8 26.9 40.3

Manual Integrations
APPROVED

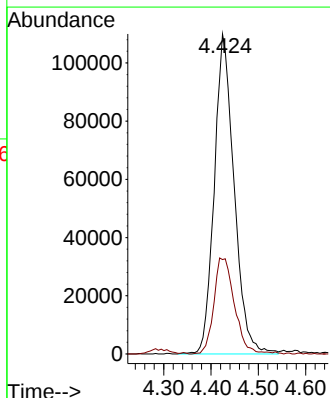
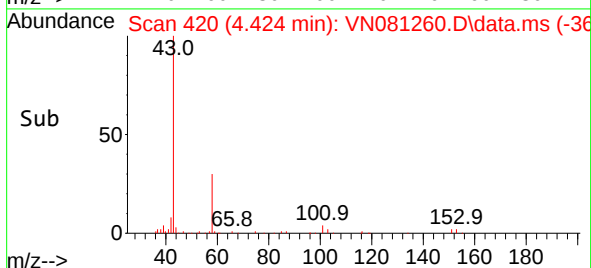
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

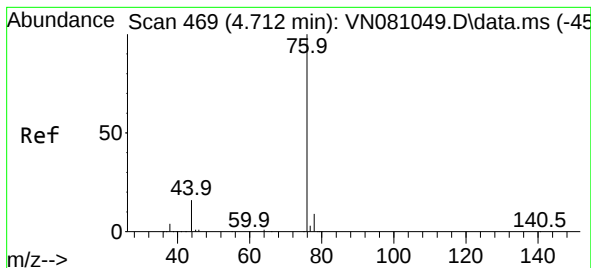


#16
Acetone
Concen: 298.173 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion: 43 Resp: 320265
Ion Ratio Lower Upper
43 100
58 29.3 24.8 37.2





#17

Carbon Disulfide

Concen: 48.203 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 338608

Ion Ratio Lower Upper

76 100

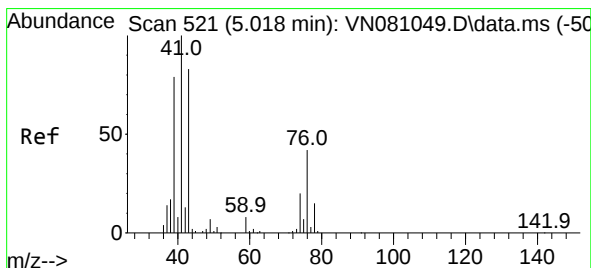
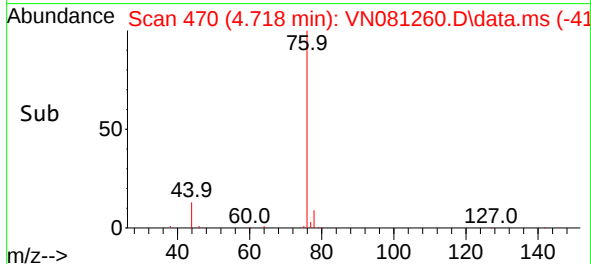
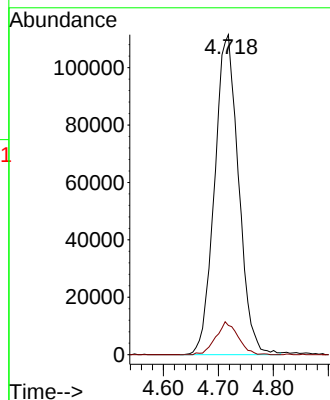
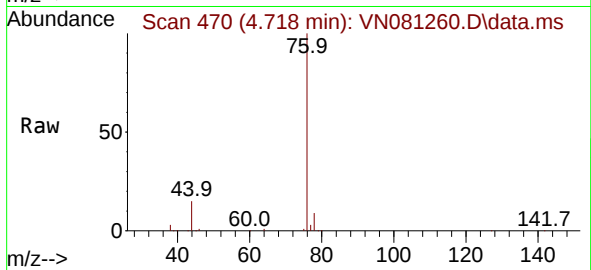
78 9.2 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#18

Methyl Acetate

Concen: 77.687 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081260.D

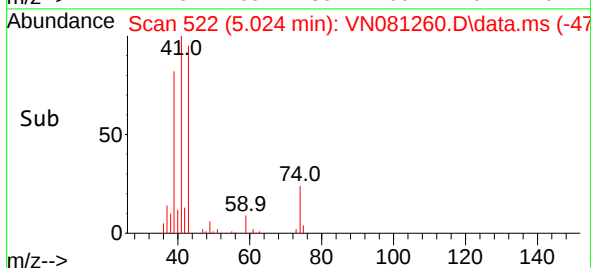
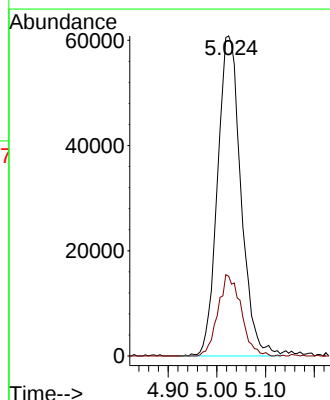
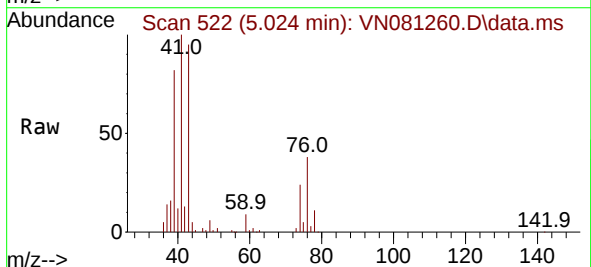
Acq: 28 Feb 2024 22:05

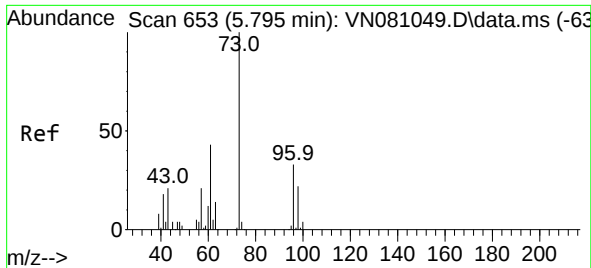
Tgt Ion: 43 Resp: 203556

Ion Ratio Lower Upper

43 100

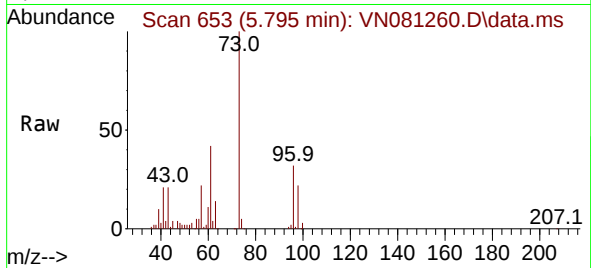
74 25.1 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 61.867 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

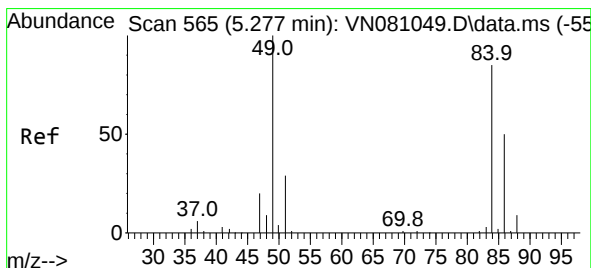
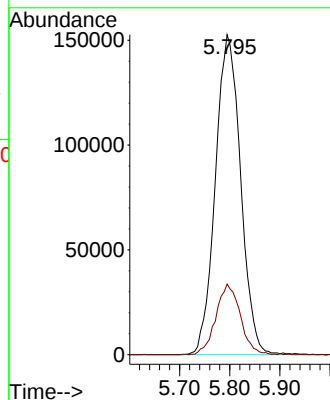
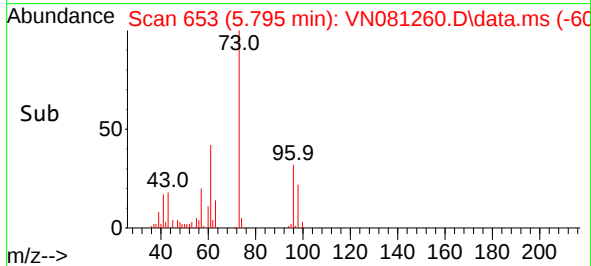
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 53365
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4

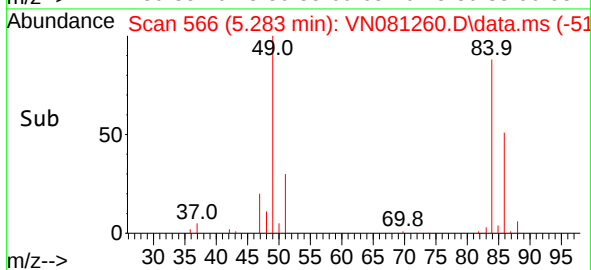
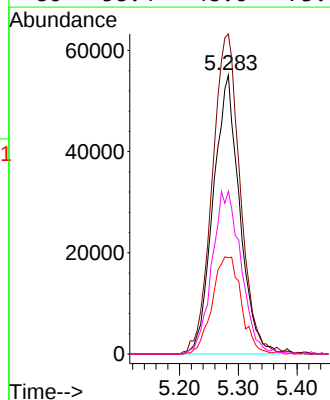
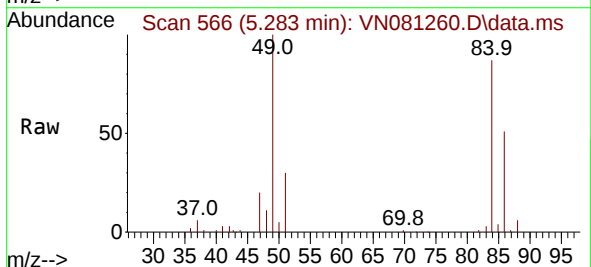
Manual Integrations
APPROVED

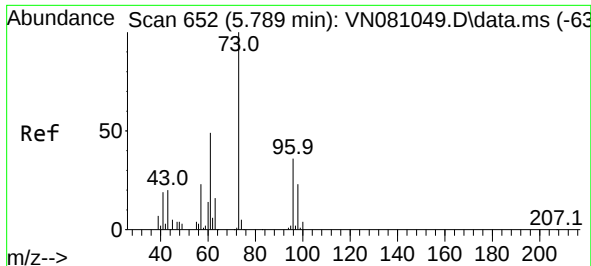
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 62.112 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

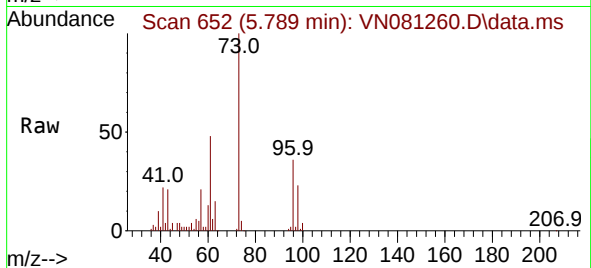
Tgt Ion: 84 Resp: 171963
Ion Ratio Lower Upper
84 100
49 114.8 108.1 162.1
51 34.5 32.9 49.3
86 58.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 55.561 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

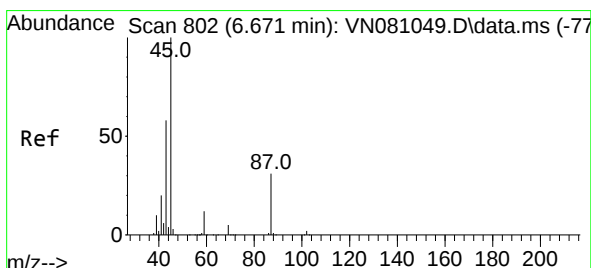
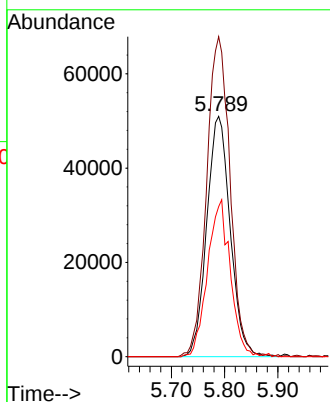
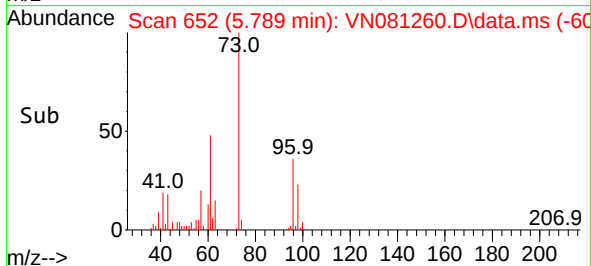
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15612
Ion Ratio Lower Upper
96 100
61 133.1 112.8 169.2
98 62.4 51.0 76.4

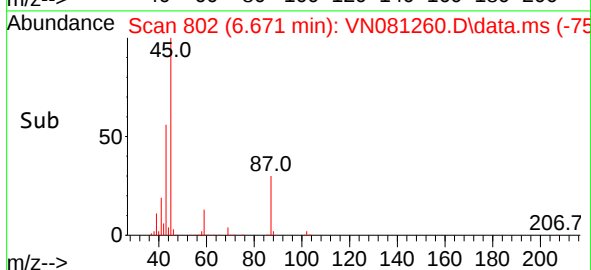
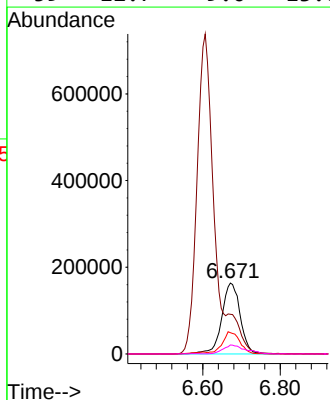
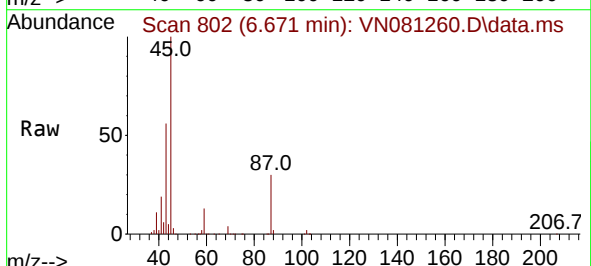
Manual Integrations
APPROVED

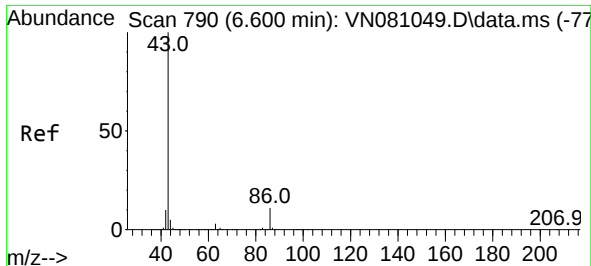
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#22
Diisopropyl ether
Concen: 63.579 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

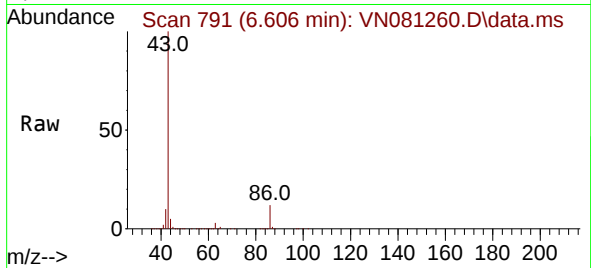
Tgt Ion: 45 Resp: 538950
Ion Ratio Lower Upper
45 100
43 55.4 41.8 62.8
87 29.8 18.1 27.1#
59 12.7 9.0 13.6





#23
Vinyl Acetate
Concen: 307.257 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

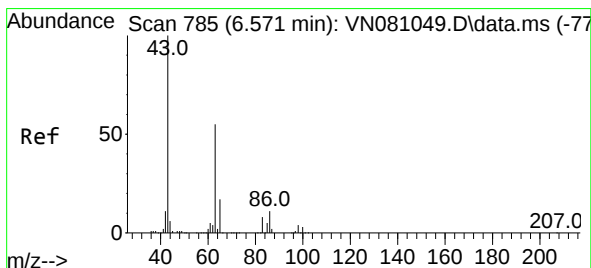
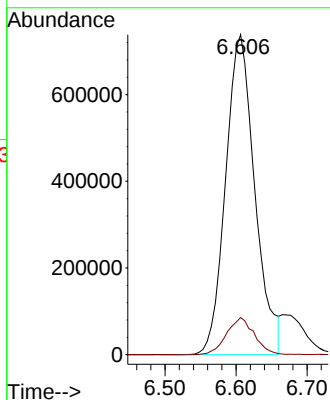
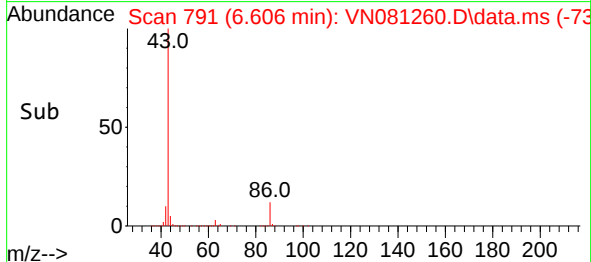
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



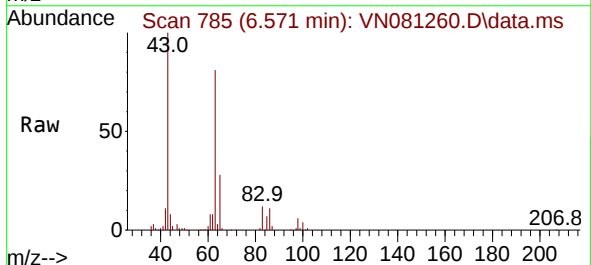
Tgt Ion: 43 Resp: 211318
Ion Ratio Lower Upper
43 100
86 11.6 7.1 10.7

Manual Integrations
APPROVED

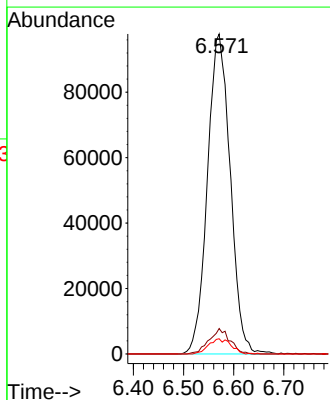
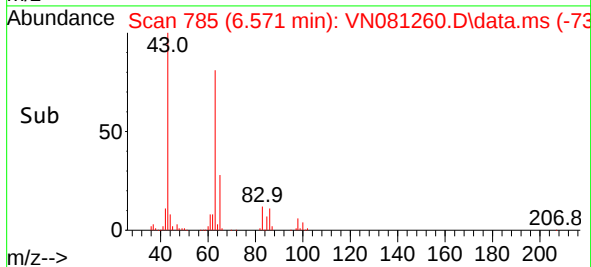
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

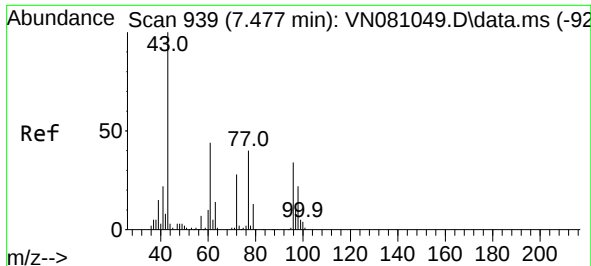


#24
1,1-Dichloroethane
Concen: 62.994 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion: 63 Resp: 308759
Ion Ratio Lower Upper
63 100
98 8.0 2.9 8.6
100 4.8 1.9 5.7





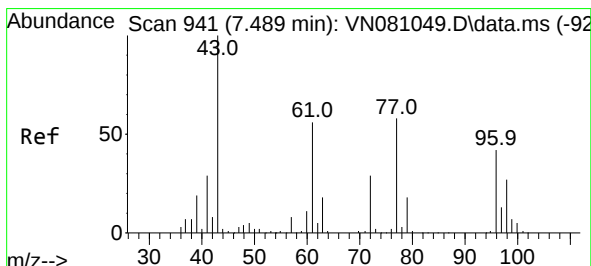
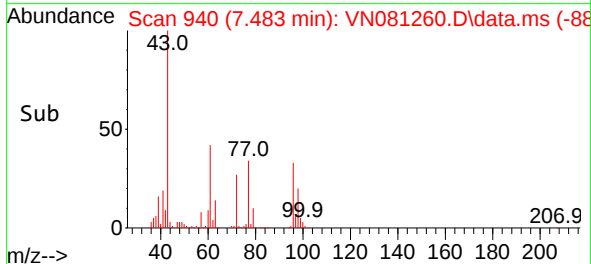
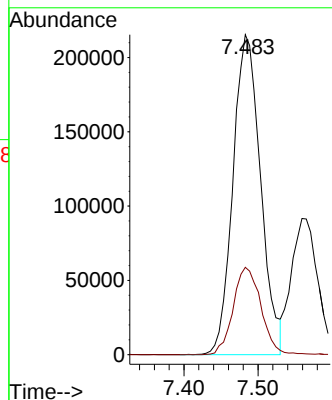
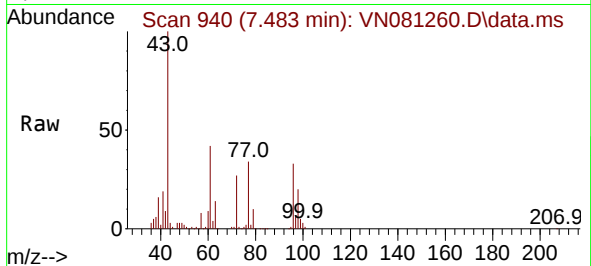
#25
2-Butanone
Concen: 321.476 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 55783
Ion Ratio Lower Upper
43 100
72 27.3 19.5 29.3

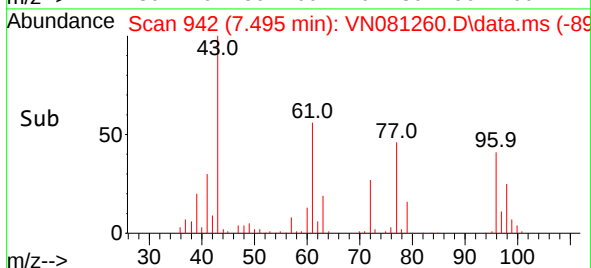
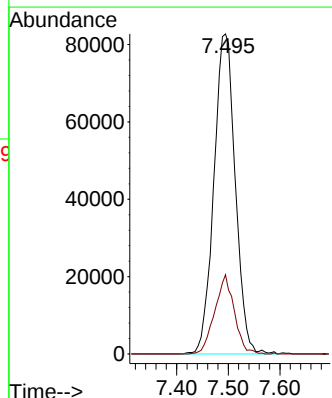
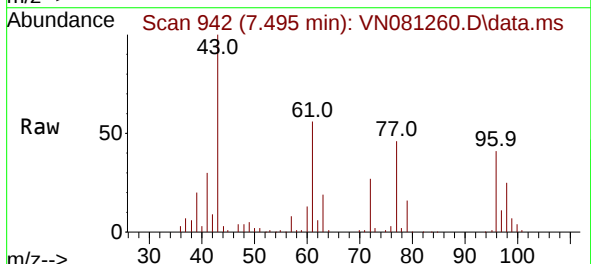
Manual Integrations
APPROVED

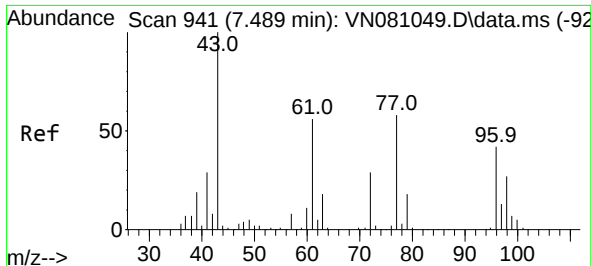
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 51.807 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

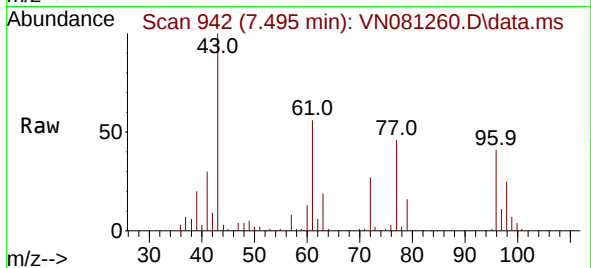
Tgt Ion: 77 Resp: 237929
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 59.840 ug/l
RT: 7.495 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

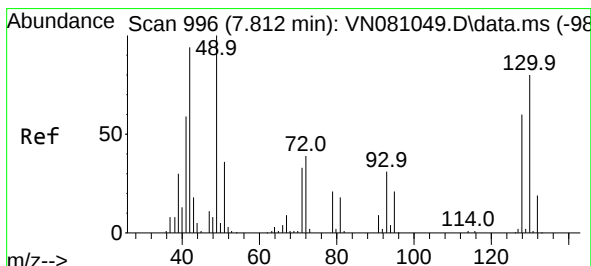
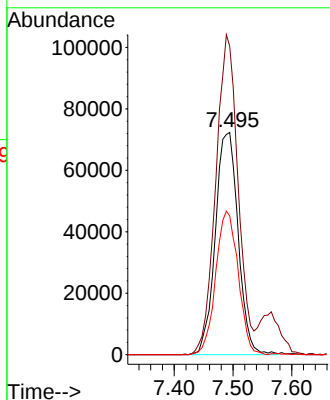
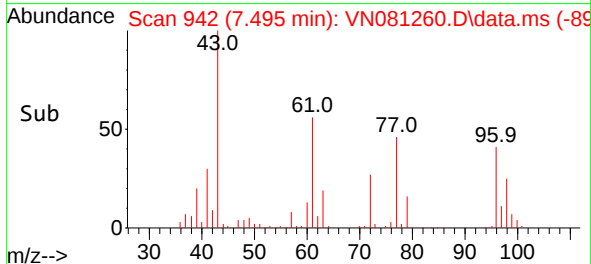
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 19535
Ion Ratio Lower Upper
96 100
61 140.1 0.0 325.4
98 63.6 0.0 130.4

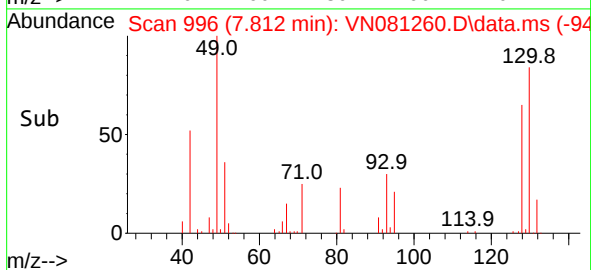
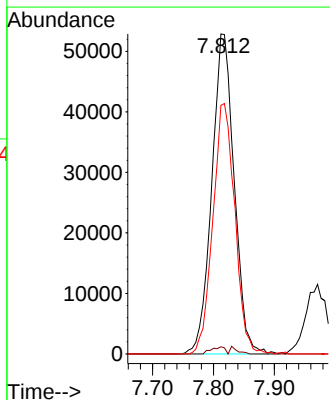
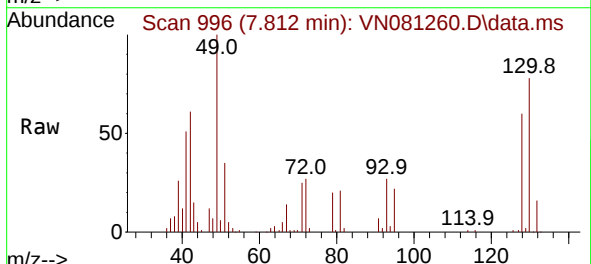
Manual Integrations
APPROVED

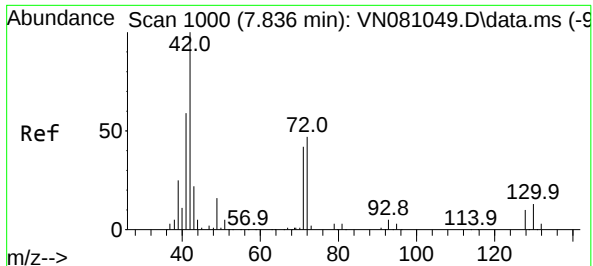
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#28
Bromochloromethane
Concen: 66.520 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion: 49 Resp: 135168
Ion Ratio Lower Upper
49 100
129 1.3 0.0 1.6
130 76.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 317.500 ug/l

RT: 7.842 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 36777

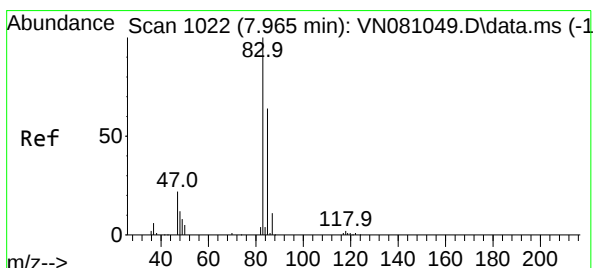
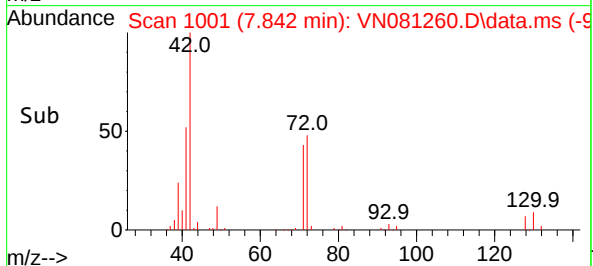
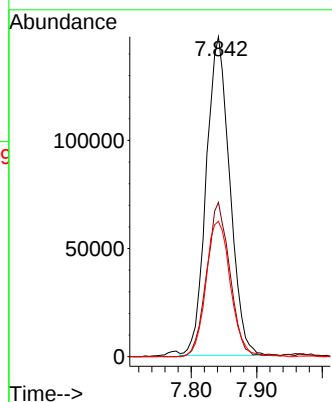
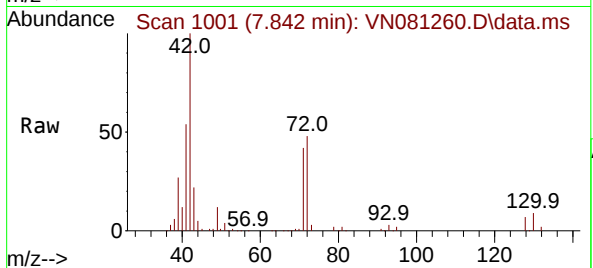
Ion	Ratio	Lower	Upper
42	100		
72	47.5	31.1	46.7
71	44.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 65.419 ug/l

RT: 7.971 min Scan# 1023

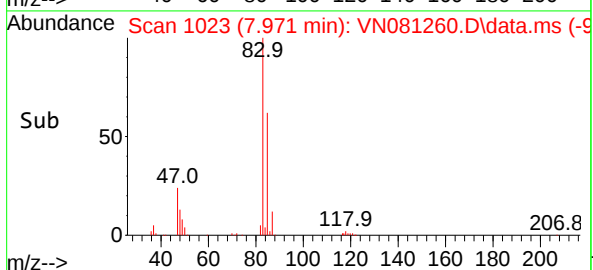
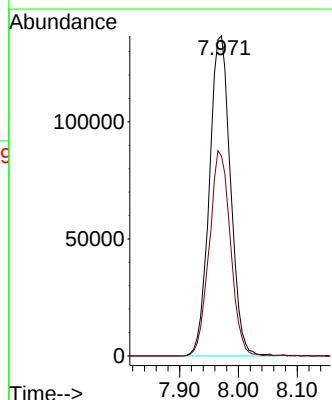
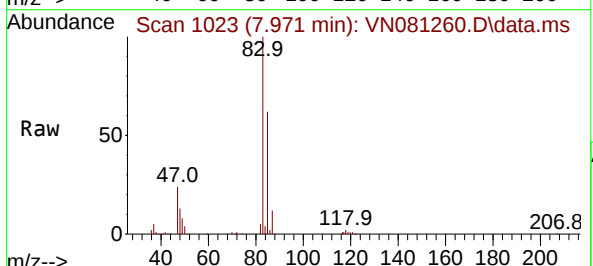
Delta R.T. 0.006 min

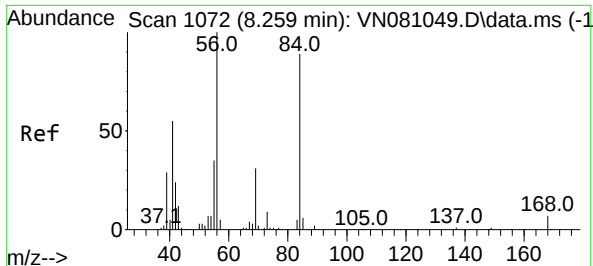
Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Tgt Ion: 83 Resp: 340874

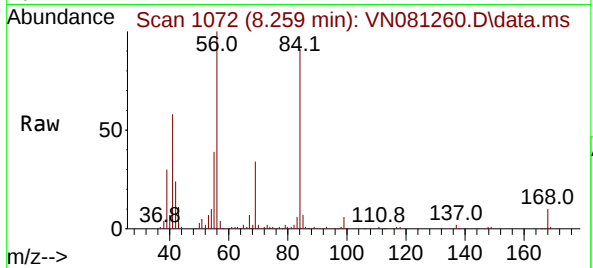
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.0	76.6





#31
Cyclohexane
Concen: 53.325 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

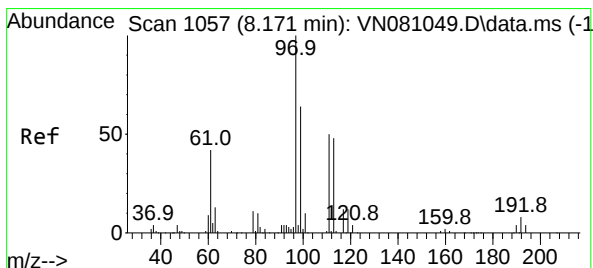
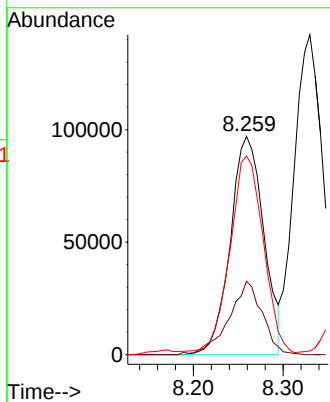
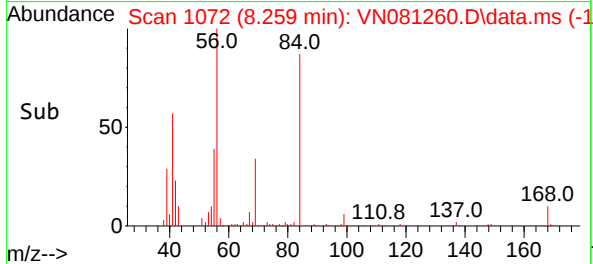
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



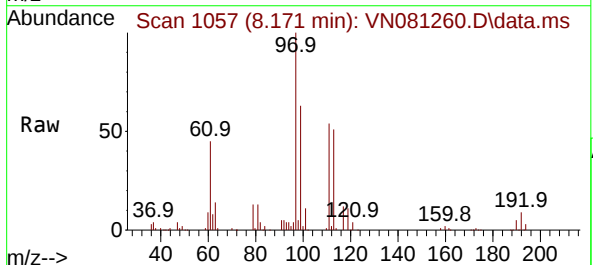
Tgt Ion: 56 Resp: 25134
Ion Ratio Lower Upper
56 100
69 33.6 20.1 30.1
84 89.5 56.9 85.3

Manual Integrations
APPROVED

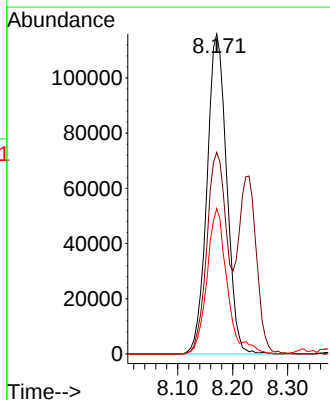
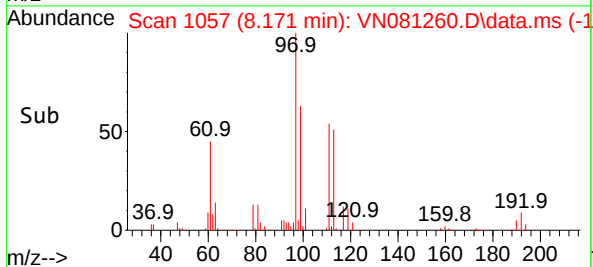
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

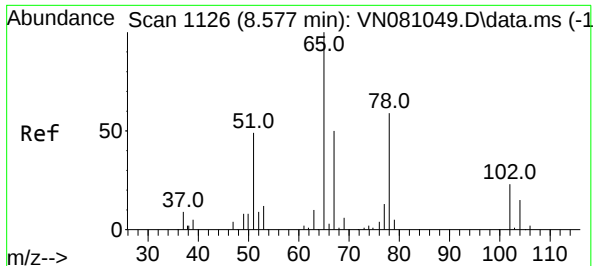


#32
1,1,1-Trichloroethane
Concen: 60.859 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion: 97 Resp: 288806
Ion Ratio Lower Upper
97 100
99 64.7 53.4 80.0
61 46.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 62.429 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 170414

Ion Ratio Lower Upper

65 100

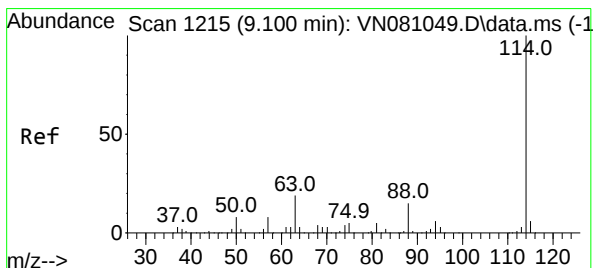
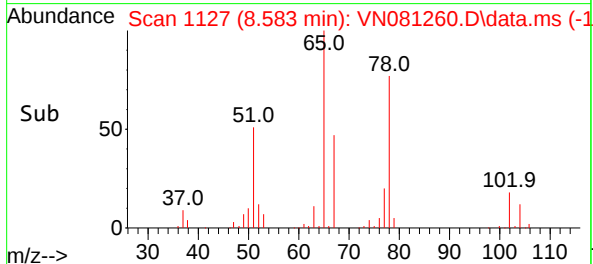
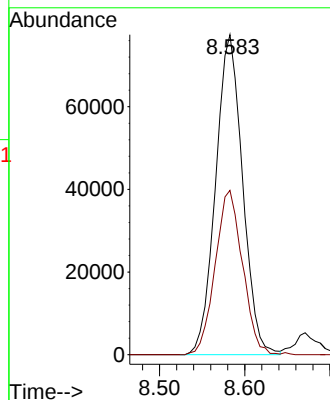
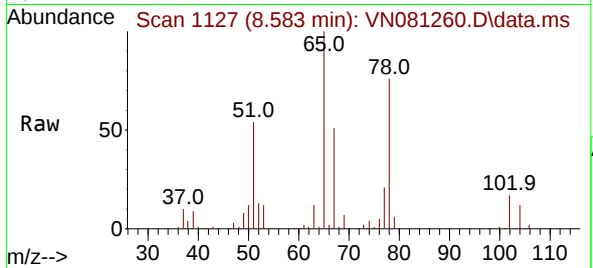
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

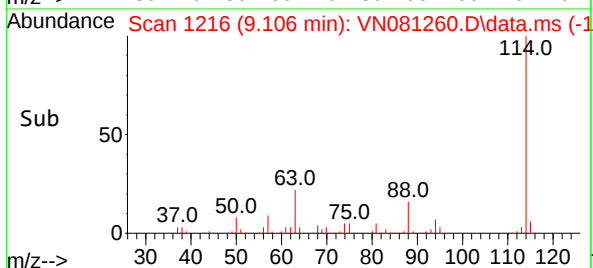
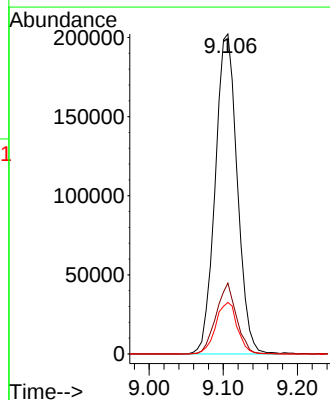
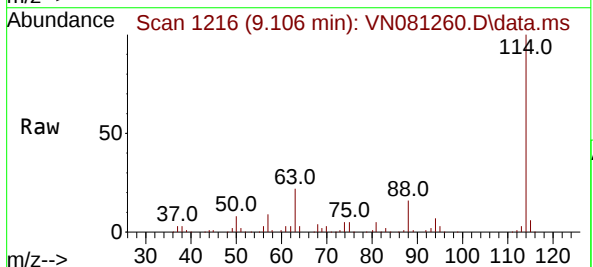
Tgt Ion:114 Resp: 417806

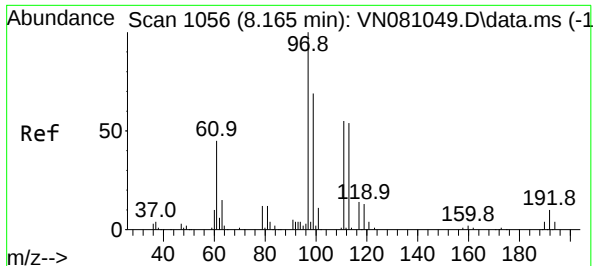
Ion Ratio Lower Upper

114 100

63 22.2 0.0 48.0

88 16.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 61.293 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081260.D

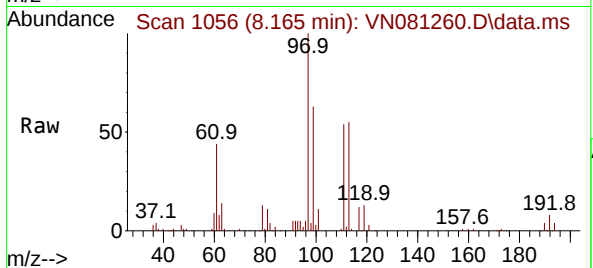
Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



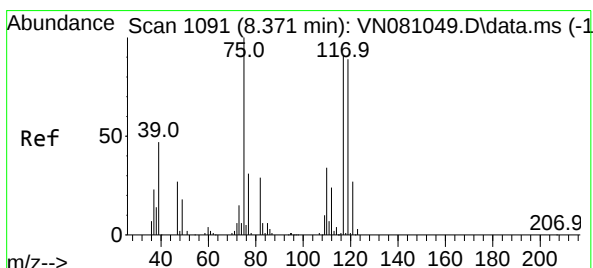
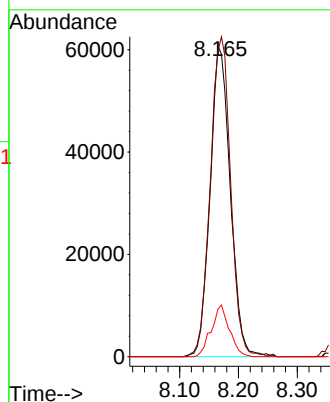
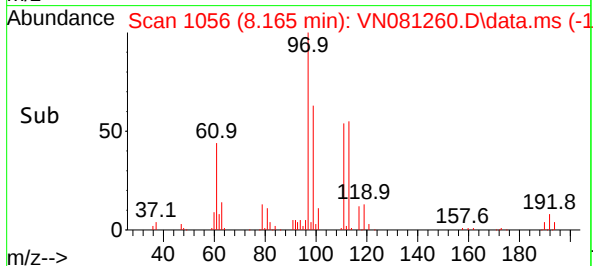
Tgt Ion:	113	Resp:	144809
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.2	123.4
192	14.9	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#36

1,1-Dichloropropene

Concen: 56.845 ug/l

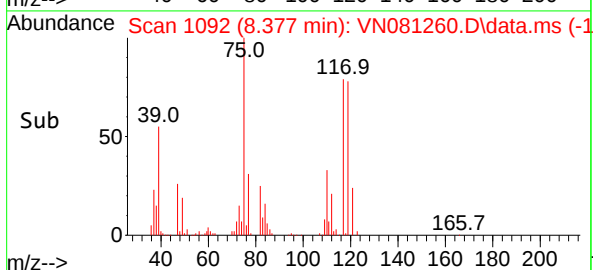
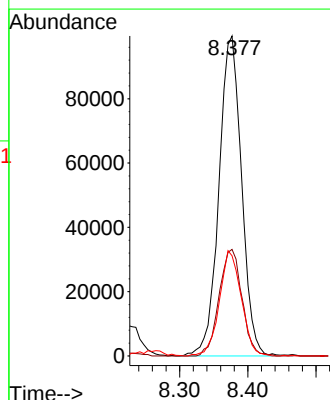
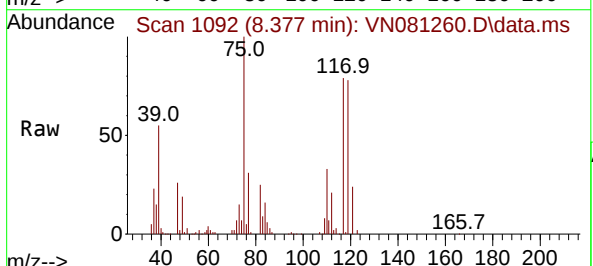
RT: 8.377 min Scan# 1092

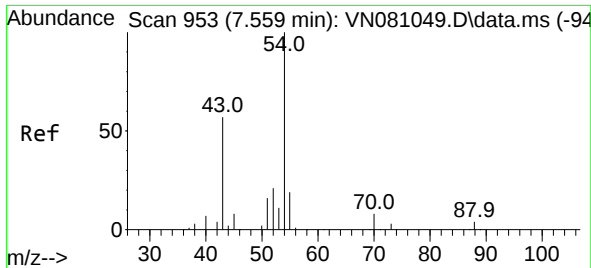
Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

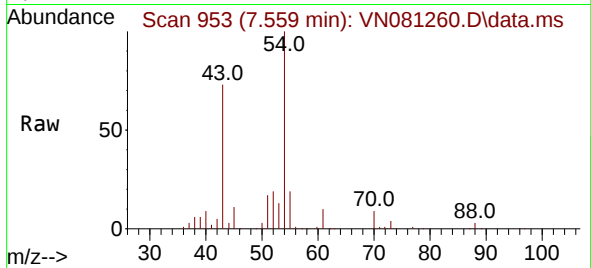
Tgt Ion:	75	Resp:	230085
Ion Ratio	Lower	Upper	
75	100		
110	33.6	16.0	48.0
77	31.7	25.8	38.6





#37
Ethyl Acetate
Concen: 63.971 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

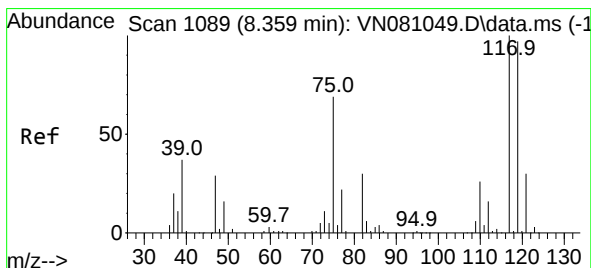
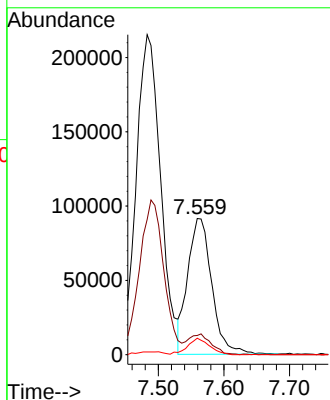
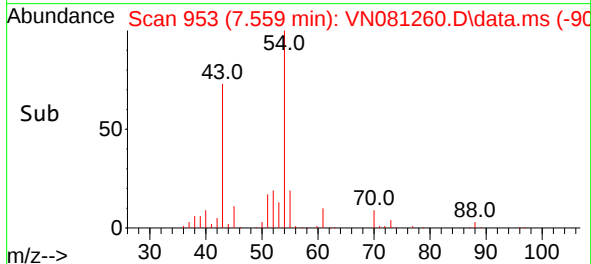
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



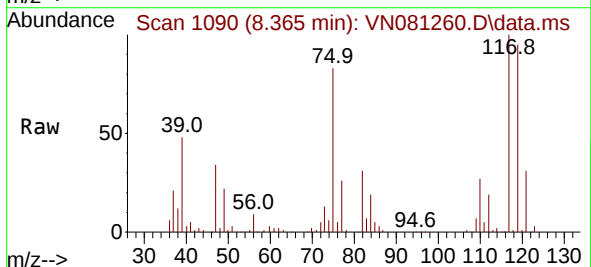
Tgt Ion: 43 Resp: 23368
Ion Ratio Lower Upper
43 100
61 14.7 10.6 15.8
70 10.9 8.0 12.0

Manual Integrations
APPROVED

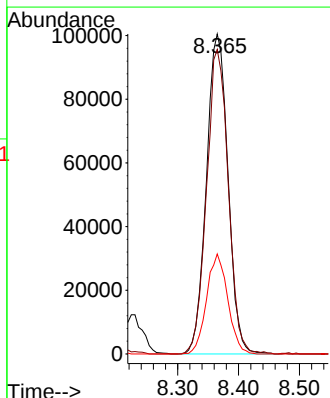
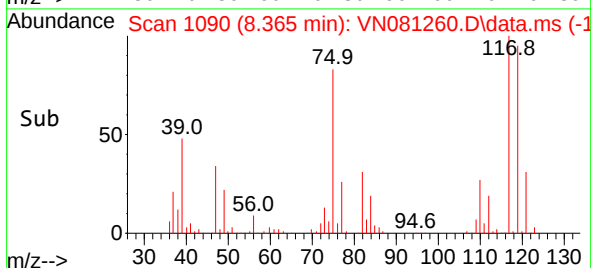
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

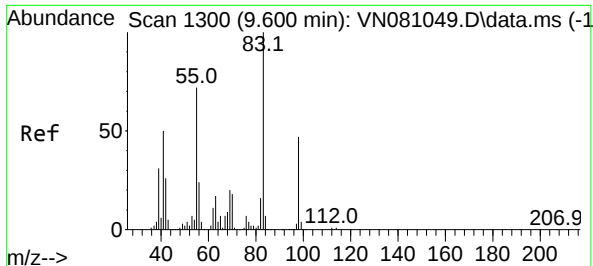


#38
Carbon Tetrachloride
Concen: 60.428 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion:117 Resp: 247455
Ion Ratio Lower Upper
117 100
119 95.2 73.4 110.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 55.031 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081260.D

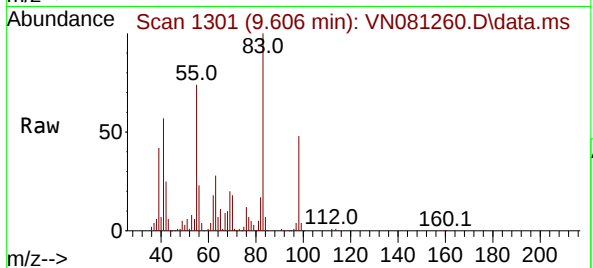
Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



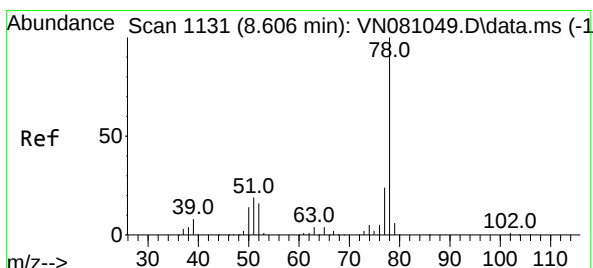
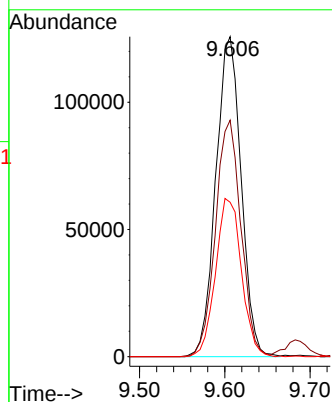
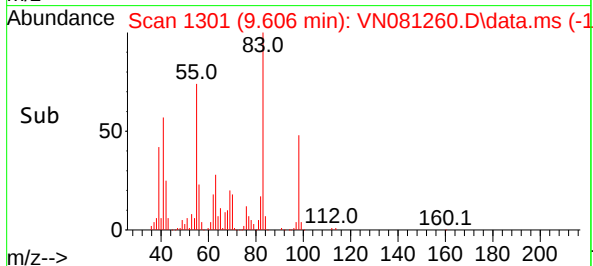
Tgt Ion:	83	Resp:	25965
Ion Ratio	Lower	Upper	
83	100		
55	73.9	65.7	98.5
98	48.3	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#40

Benzene

Concen: 60.725 ug/l

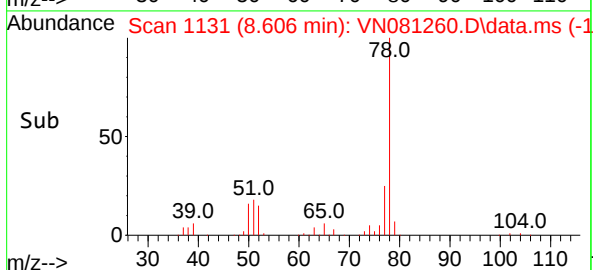
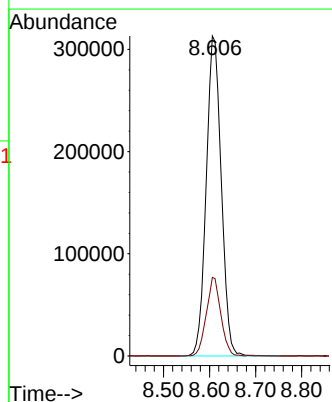
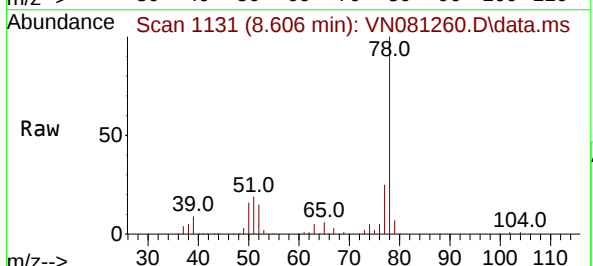
RT: 8.606 min Scan# 1131

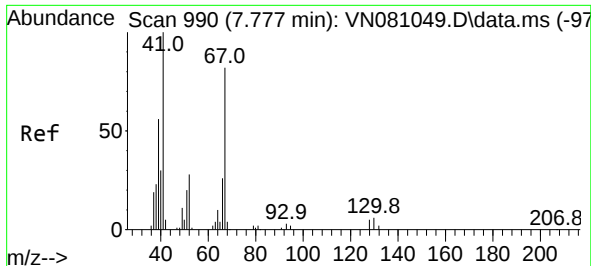
Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

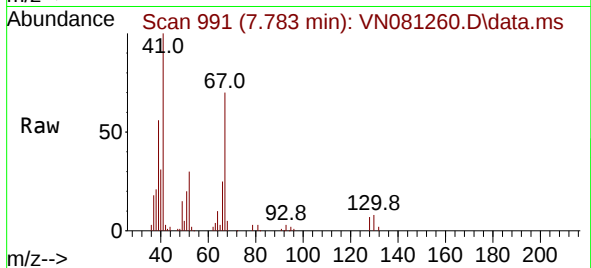
Tgt Ion:	78	Resp:	711437
Ion Ratio	Lower	Upper	
78	100		
77	24.5	20.4	30.6





#41
Methacrylonitrile
Concen: 63.020 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

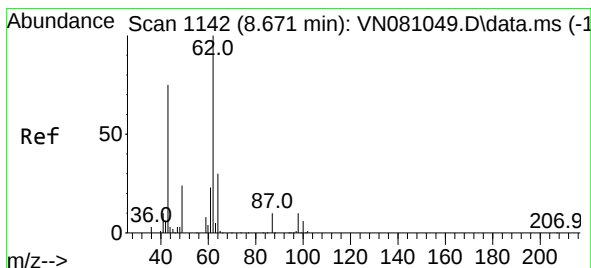
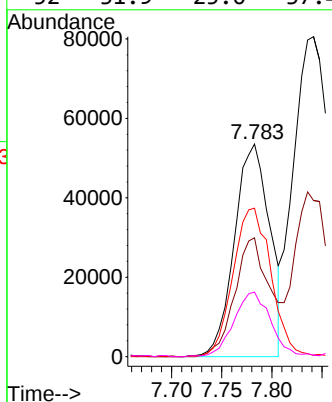
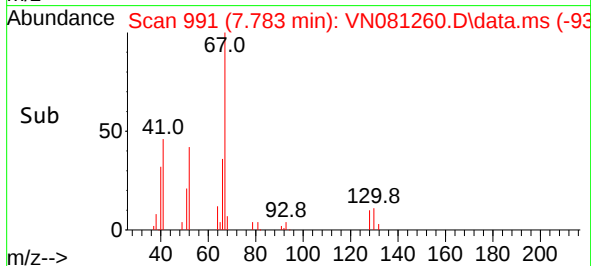
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 13101
Ion Ratio Lower Upper
41 100
39 57.7 48.4 72.6
67 75.3 56.8 85.2
52 31.9 25.0 37.4

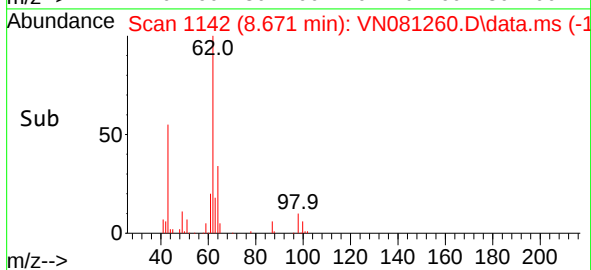
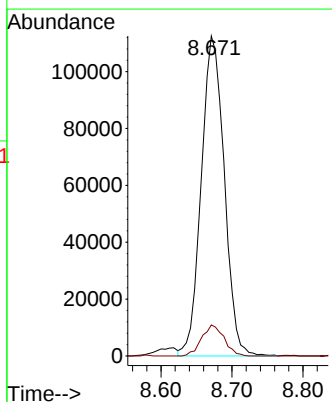
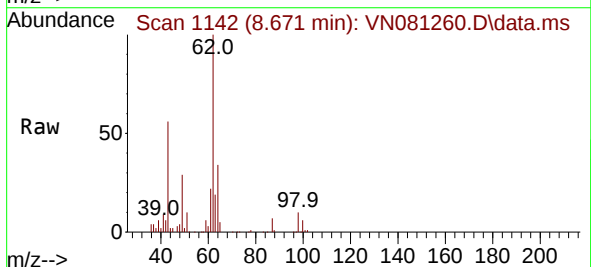
Manual Integrations
APPROVED

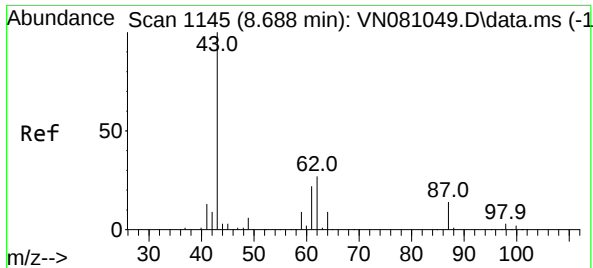
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#42
1,2-Dichloroethane
Concen: 62.090 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion: 62 Resp: 253787
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 62.623 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 400084

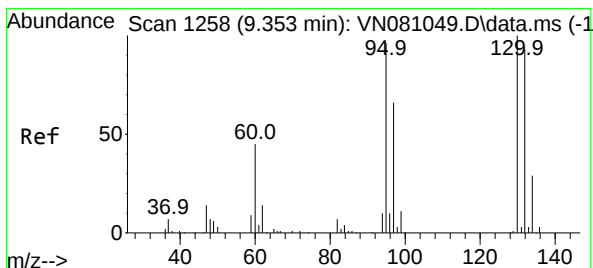
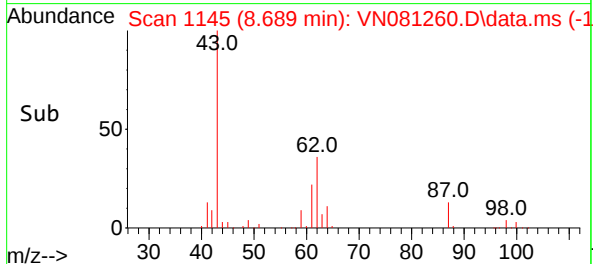
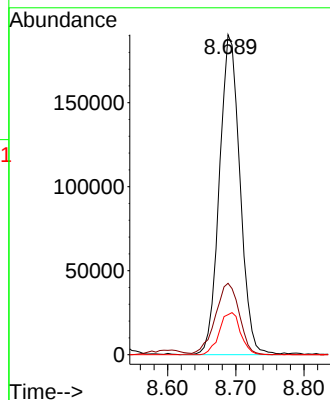
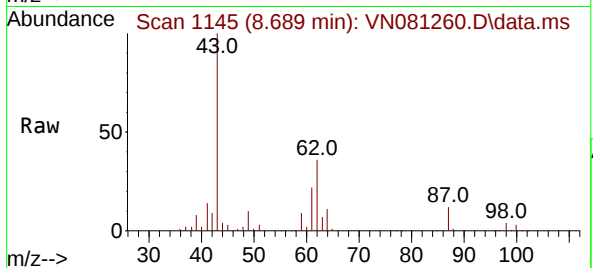
Ion	Ratio	Lower	Upper
43	100		
61	26.0	19.9	29.9
87	13.5	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 57.779 ug/l

RT: 9.353 min Scan# 1258

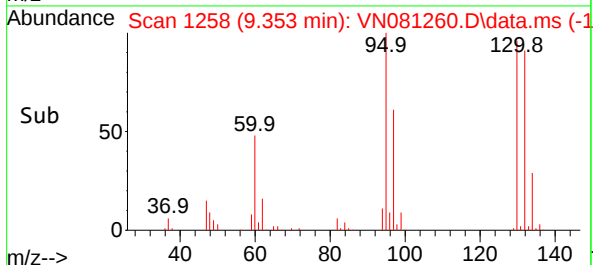
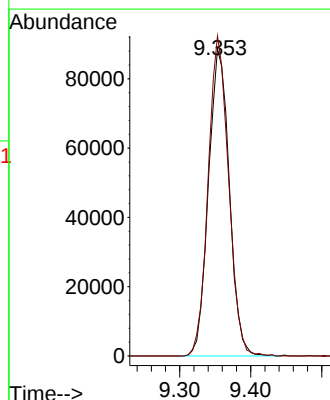
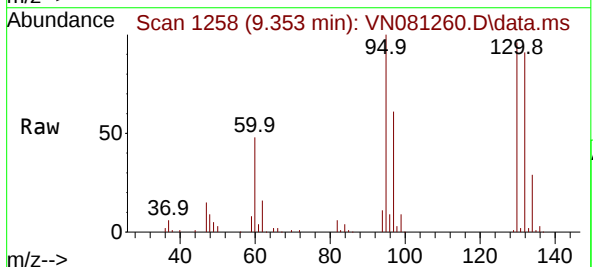
Delta R.T. 0.000 min

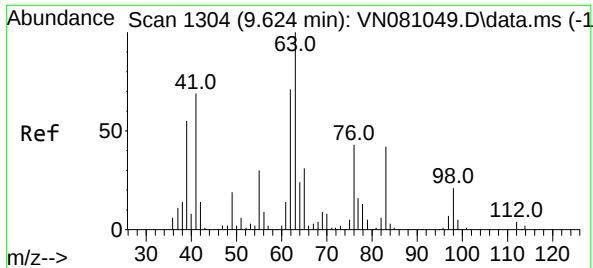
Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Tgt Ion:130 Resp: 180295

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	210.4





#45

1,2-Dichloropropane

Concen: 61.863 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 181298

Ion Ratio Lower Upper

63 100

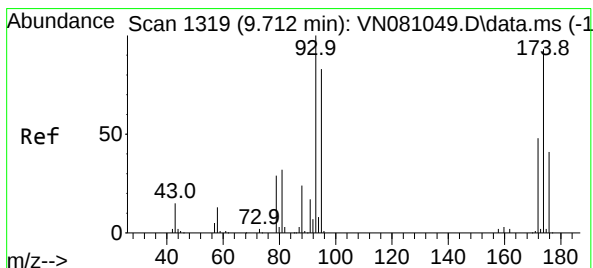
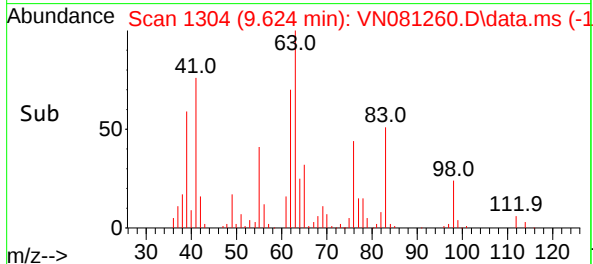
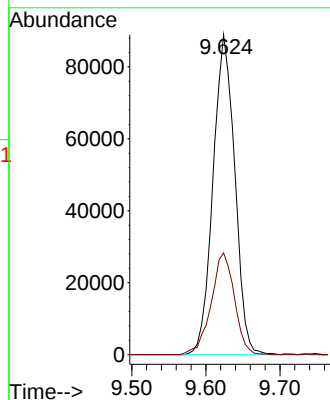
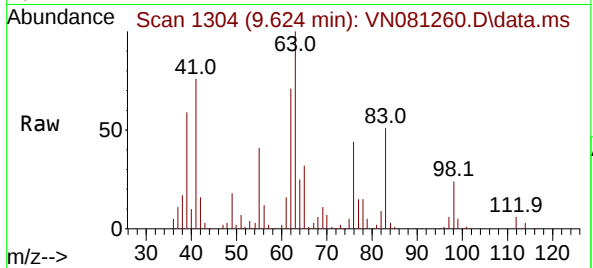
65 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#46

Dibromomethane

Concen: 61.563 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

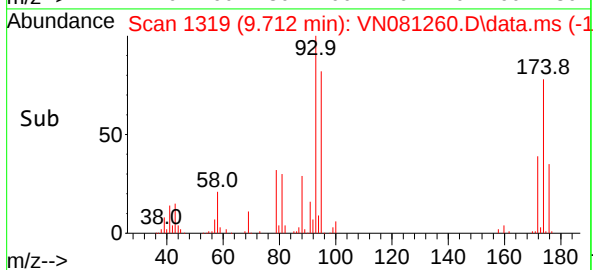
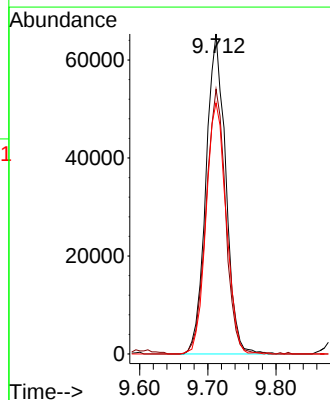
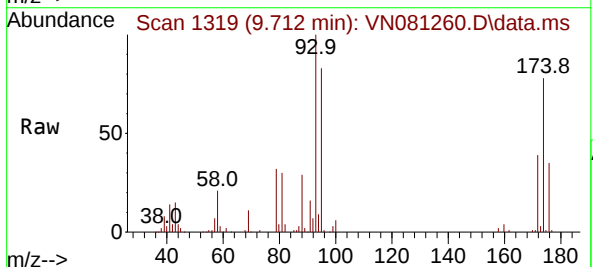
Tgt Ion: 93 Resp: 131455

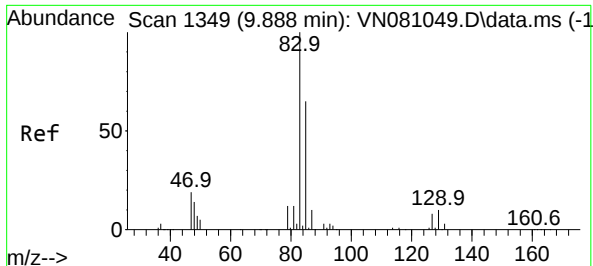
Ion Ratio Lower Upper

93 100

95 81.8 68.1 102.1

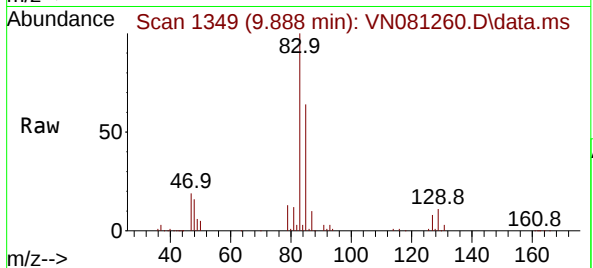
174 79.7 57.2 85.8





#47
Bromodichloromethane
Concen: 63.945 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

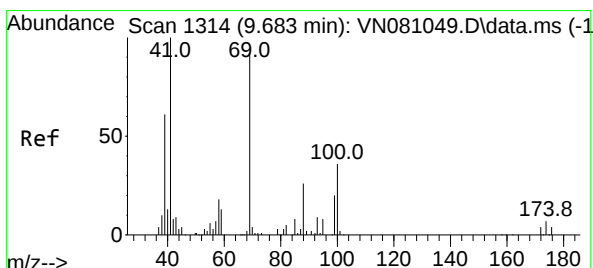
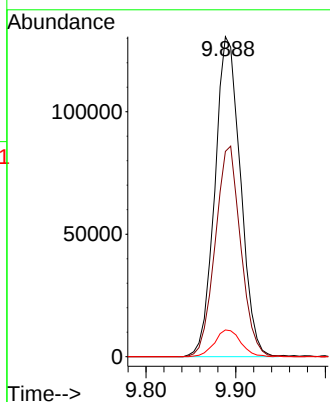
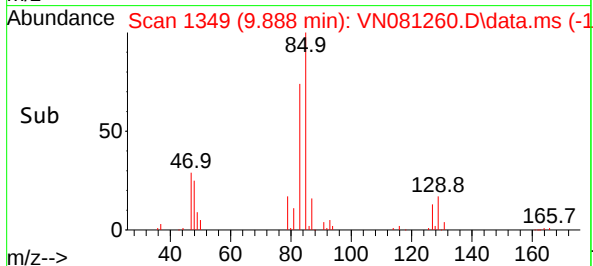
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 258600
Ion Ratio Lower Upper
83 100
85 64.1 52.3 78.5
127 8.4 4.6 7.0

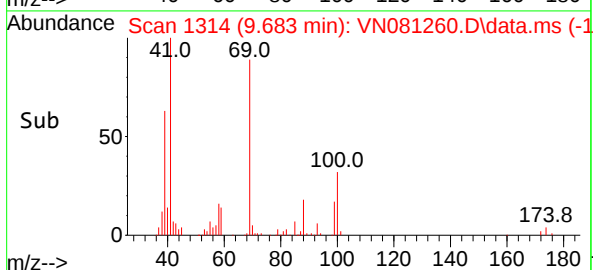
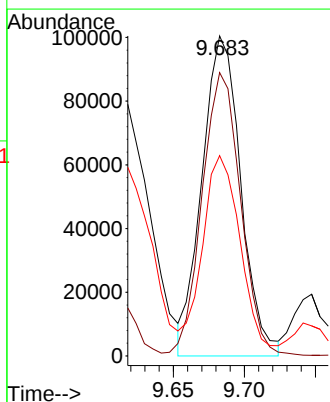
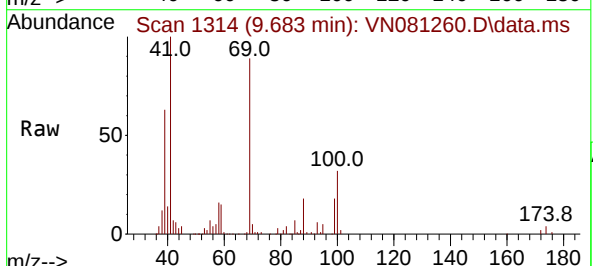
Manual Integrations
APPROVED

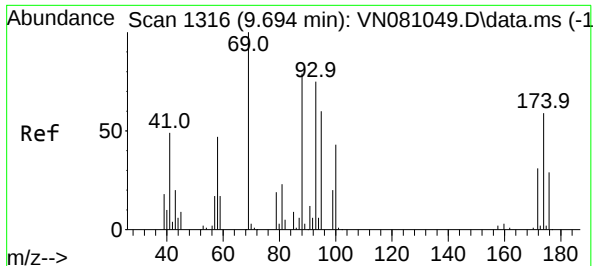
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#48
Methyl methacrylate
Concen: 64.363 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion: 41 Resp: 191337
Ion Ratio Lower Upper
41 100
69 88.2 62.2 93.2
39 62.1 47.6 71.4





#49

1,4-Dioxane

Concen: 1334.709 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

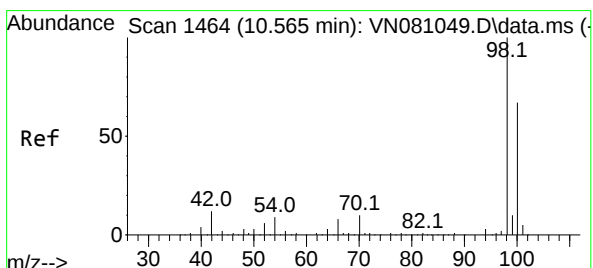
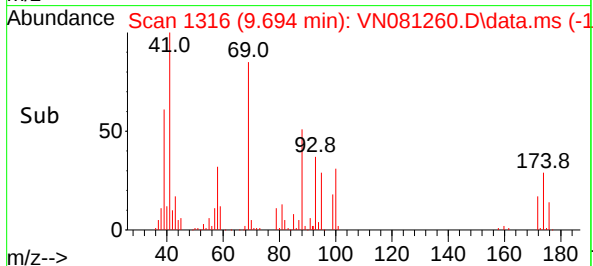
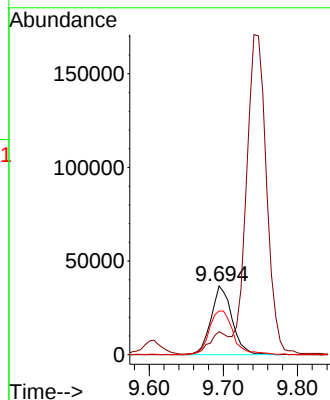
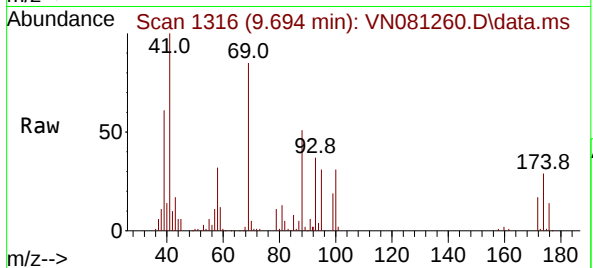
Tgt Ion: 88 Resp: 72284
 Ion Ratio Lower Upper
 88 100
 43 27.3 30.1 45.1
 58 72.8 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 55.347 ug/l

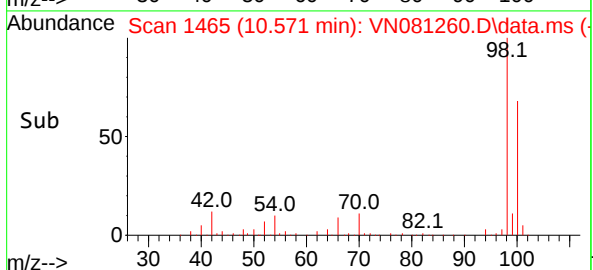
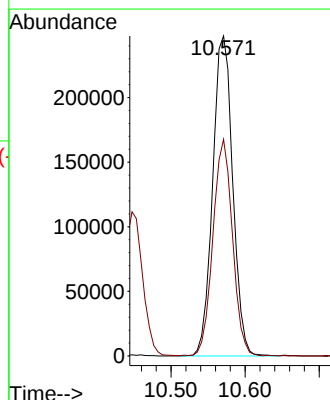
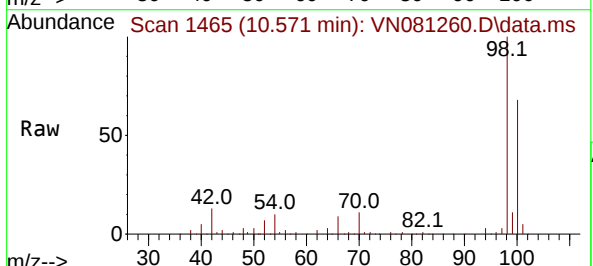
RT: 10.571 min Scan# 1465

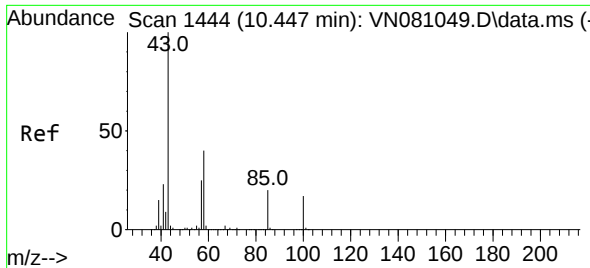
Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

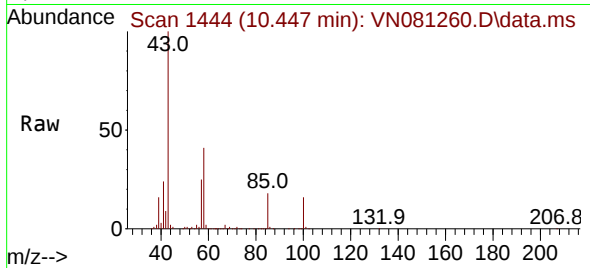
Tgt Ion: 98 Resp: 464425
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 338.613 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

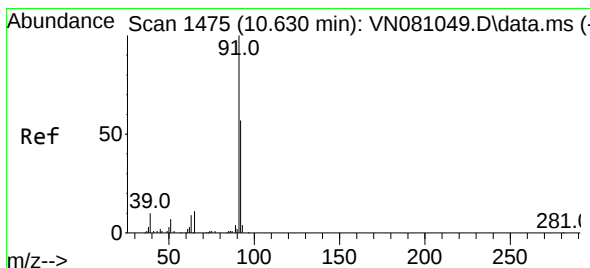
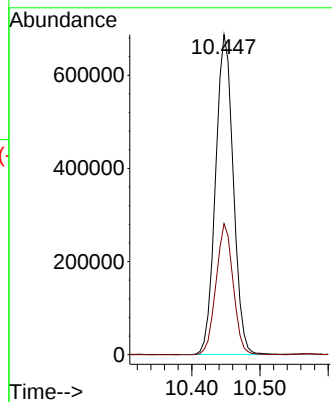
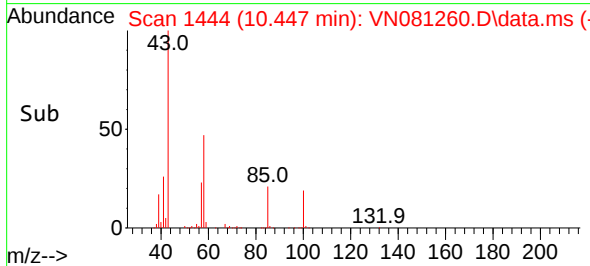
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



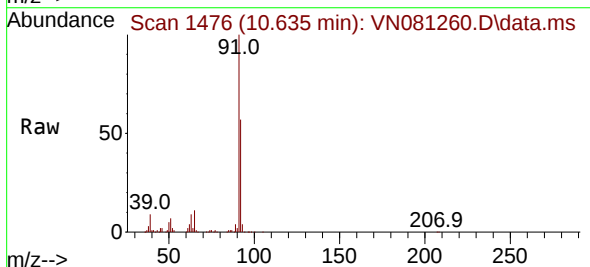
Tgt Ion: 43 Resp: 1244462
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0

Manual Integrations
APPROVED

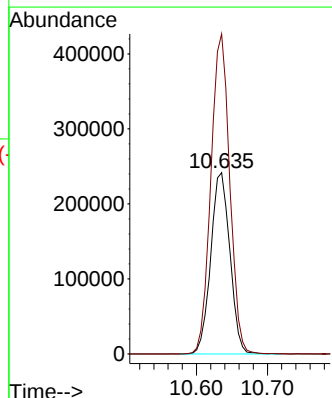
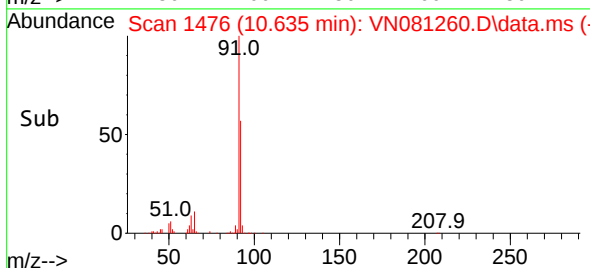
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

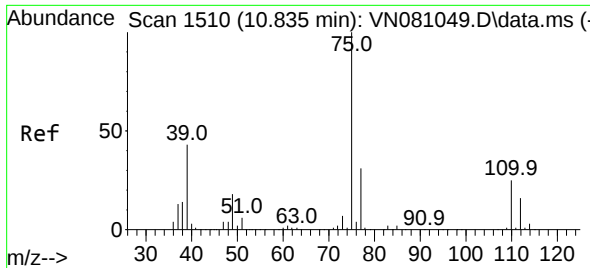


#52
Toluene
Concen: 60.946 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



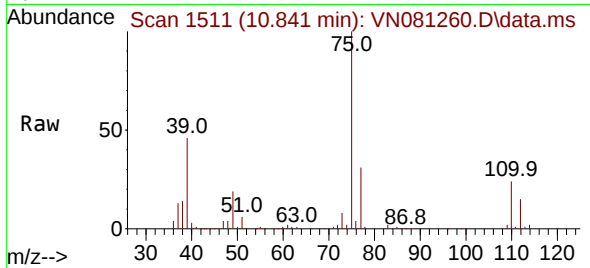
Tgt Ion: 92 Resp: 452029
Ion Ratio Lower Upper
92 100
91 173.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 60.021 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

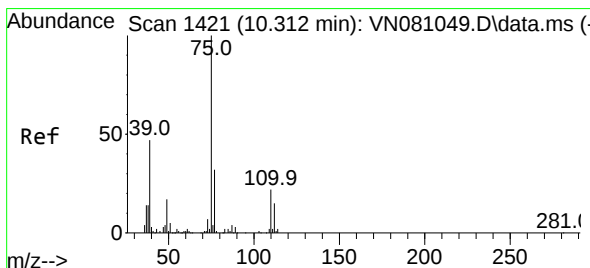
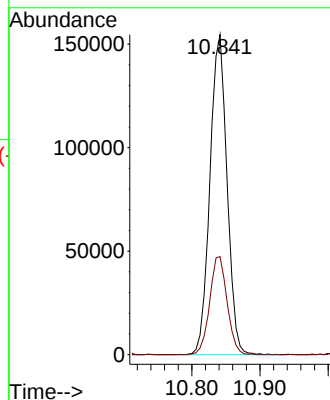
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 269740
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

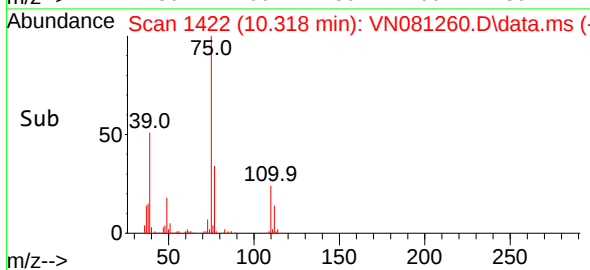
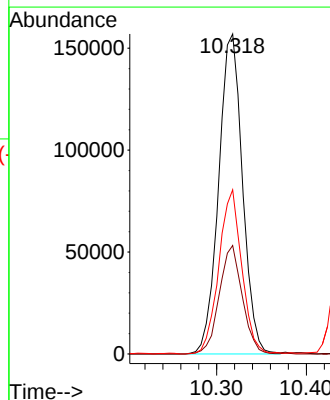
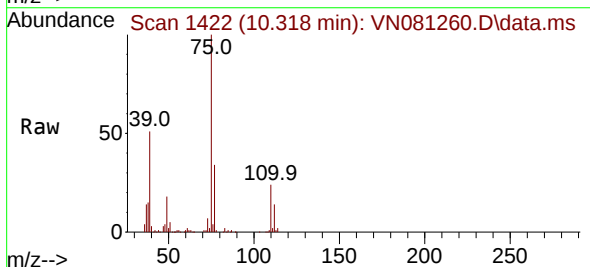
Manual Integrations
APPROVED

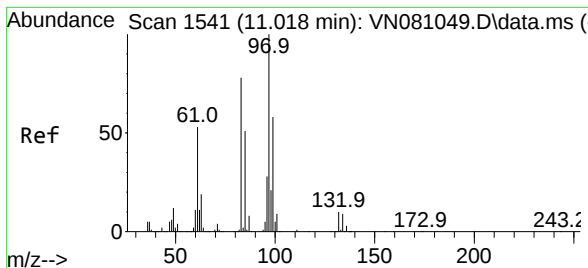
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#54
cis-1,3-Dichloropropene
Concen: 59.646 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

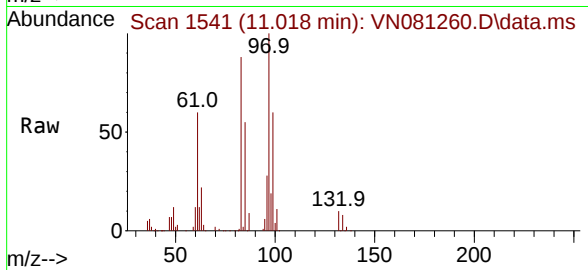
Tgt Ion: 75 Resp: 289610
Ion Ratio Lower Upper
75 100
77 33.9 23.3 34.9
39 51.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 65.834 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

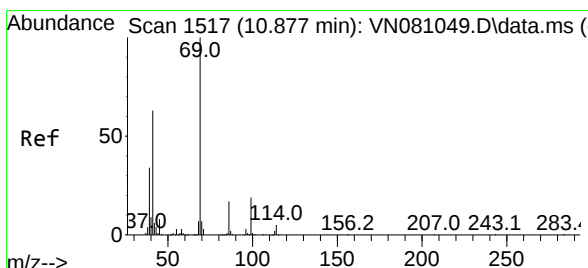
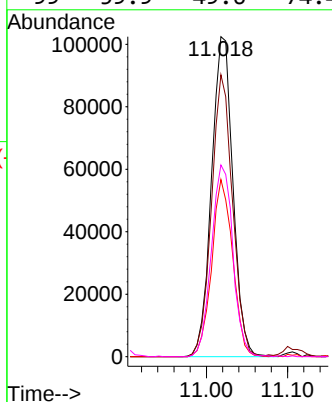
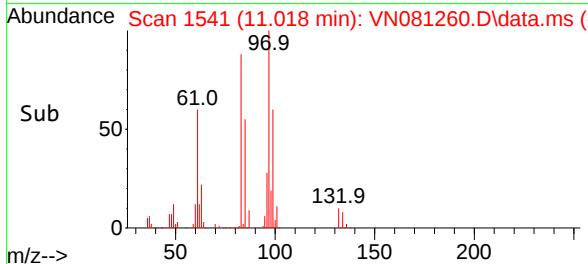
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 187802
Ion Ratio Lower Upper
97 100
83 88.1 72.9 109.3
85 55.3 50.2 75.2
99 59.9 49.6 74.4

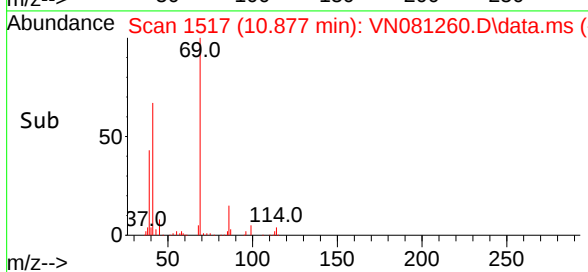
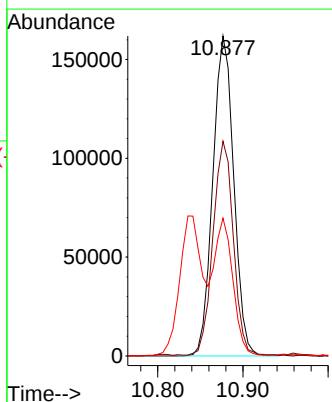
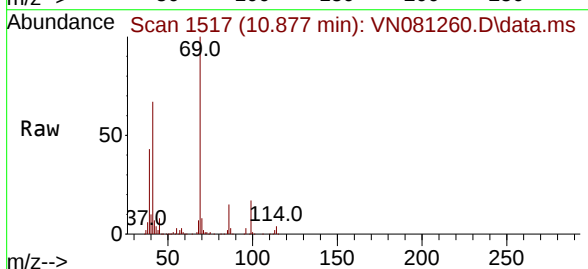
Manual Integrations
APPROVED

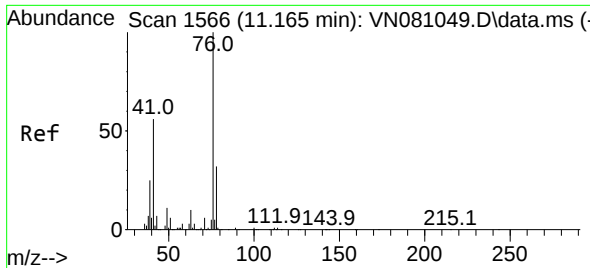
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#56
Ethyl methacrylate
Concen: 63.393 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion: 69 Resp: 276379
Ion Ratio Lower Upper
69 100
41 64.8 61.0 91.6
39 38.0 31.8 47.6





#57

1,3-Dichloropropane

Concen: 64.150 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 316418

Ion Ratio Lower Upper

76 100

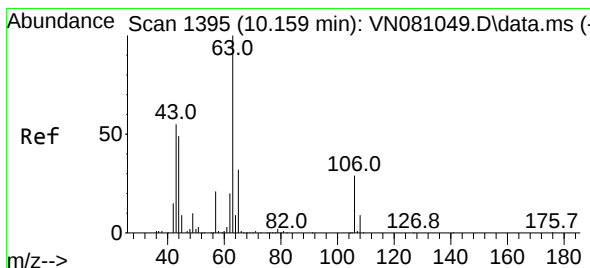
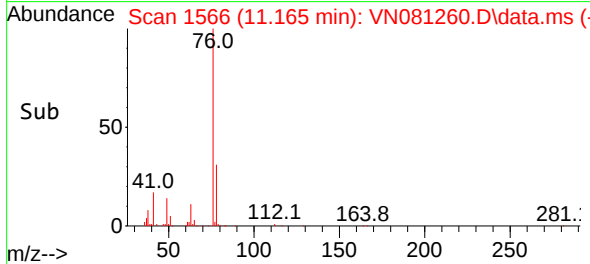
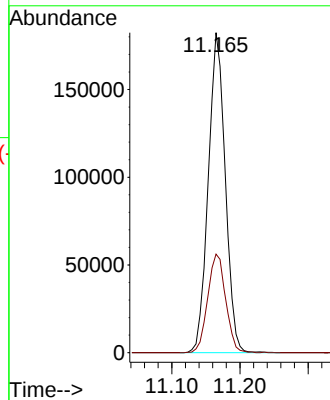
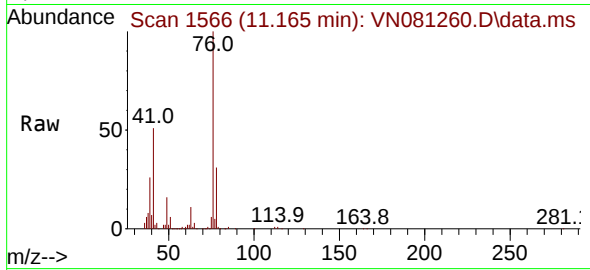
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 329.409 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081260.D

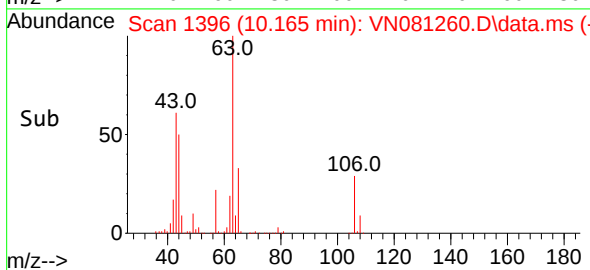
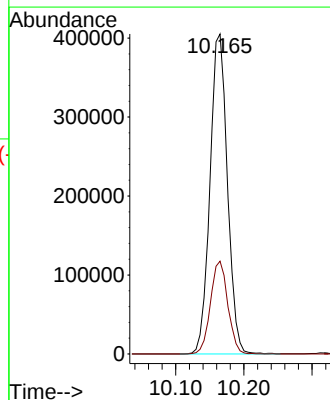
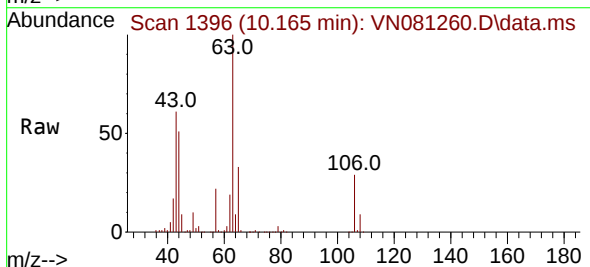
Acq: 28 Feb 2024 22:05

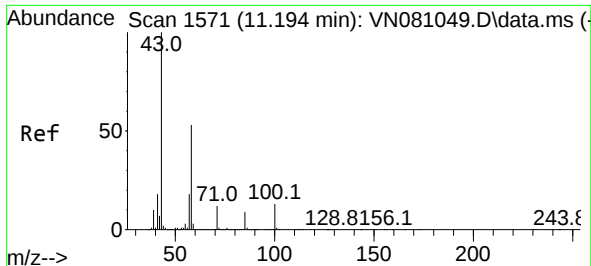
Tgt Ion: 63 Resp: 720589

Ion Ratio Lower Upper

63 100

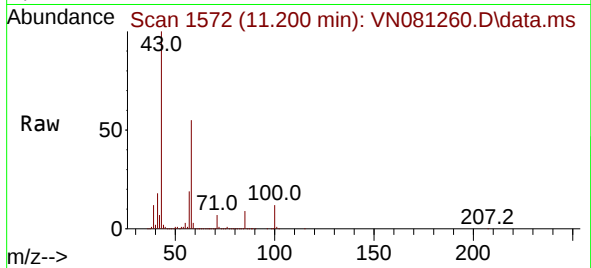
106 28.8 18.6 28.0#





#59
2-Hexanone
Concen: 317.224 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

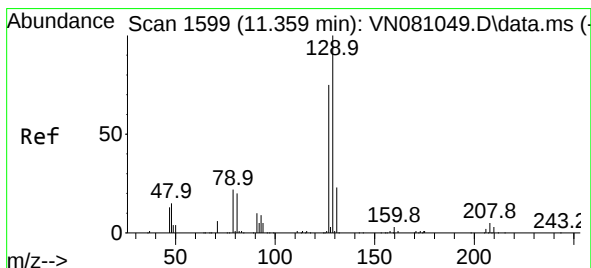
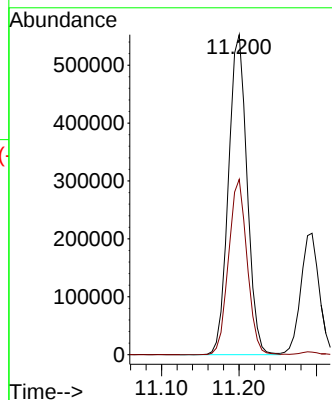
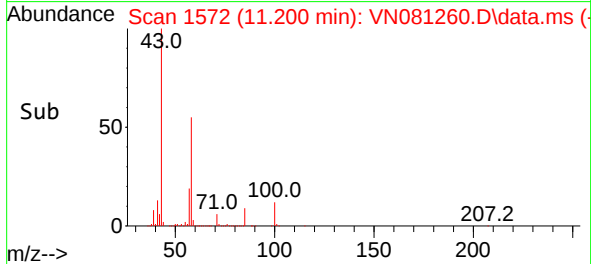
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 92429
Ion Ratio Lower Upper
43 100
58 54.6 25.9 77.8

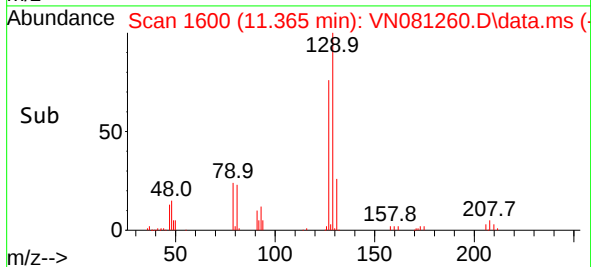
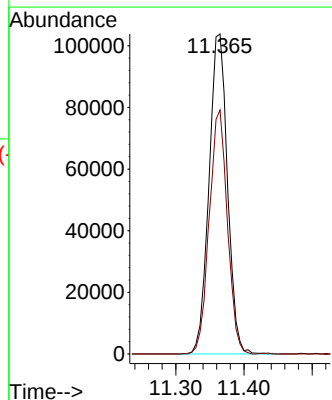
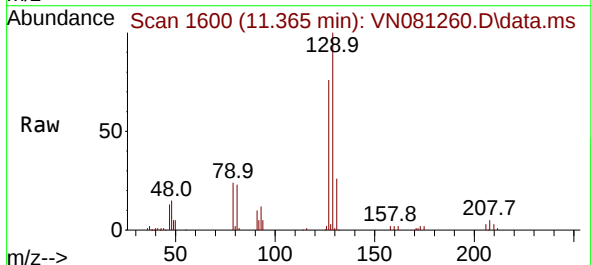
Manual Integrations
APPROVED

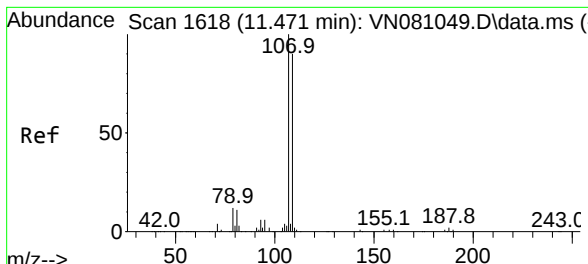
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 64.563 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion:129 Resp: 195658
Ion Ratio Lower Upper
129 100
127 74.8 39.4 118.2





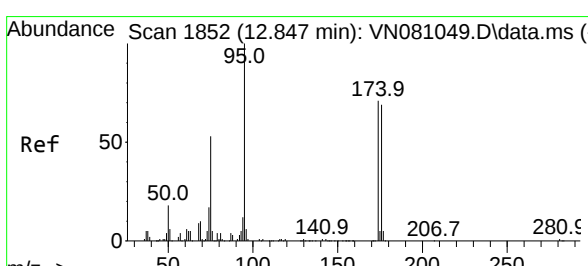
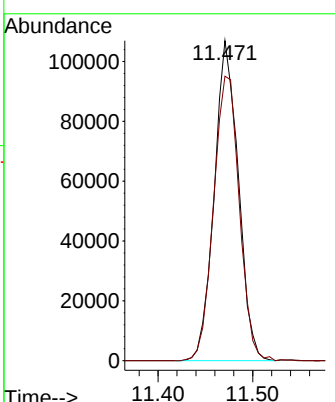
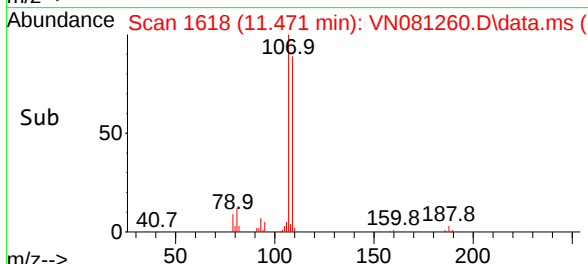
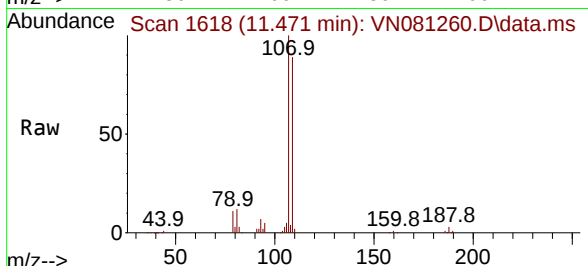
#61
 1,2-Dibromoethane
 Concen: 62.956 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VN081260.D
 Acq: 28 Feb 2024 22:05

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:107 Resp: 18885

Ion	Ratio	Lower	Upper
107	100		
109	95.2	73.4	110.2

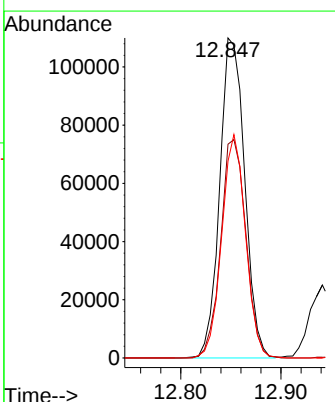
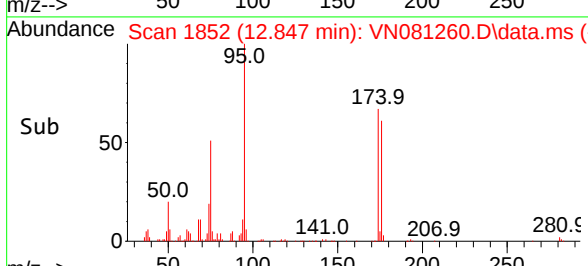
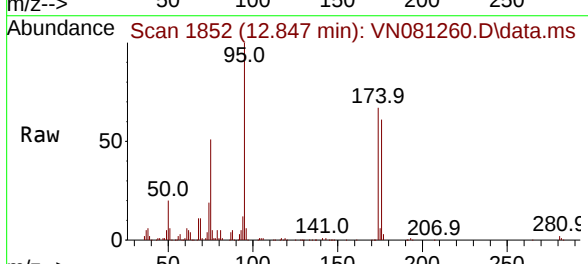
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

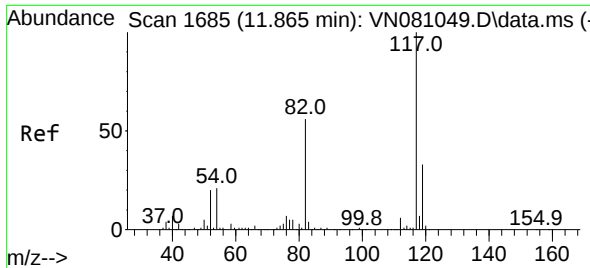


#62
 4-Bromofluorobenzene
 Concen: 60.325 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN081260.D
 Acq: 28 Feb 2024 22:05

Tgt Ion: 95 Resp: 190207

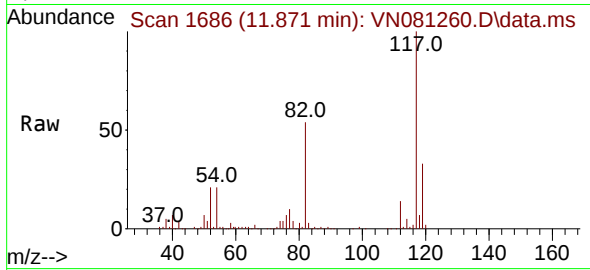
Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	120.4
176	66.7	0.0	121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11871
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

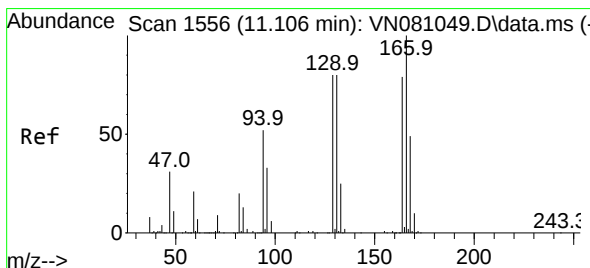
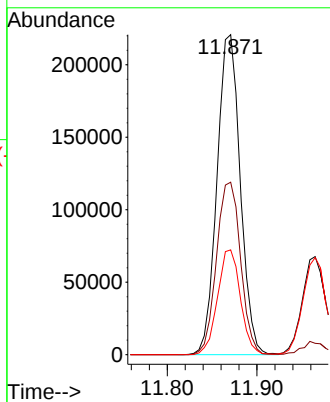
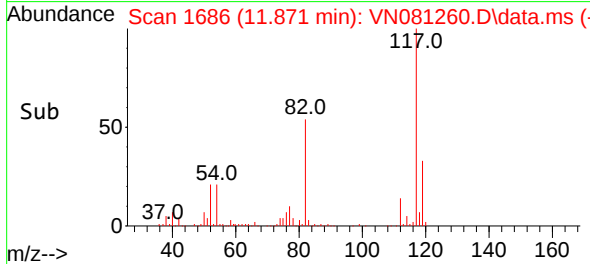
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



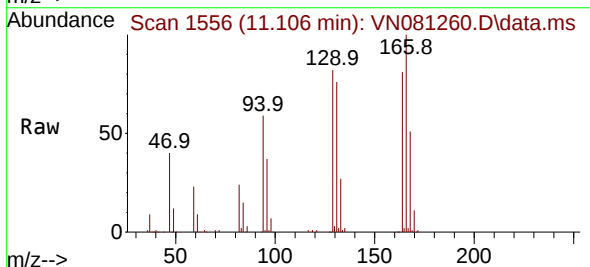
Tgt Ion:117 Resp: 39772
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 32.8 25.3 37.9

Manual Integrations
APPROVED

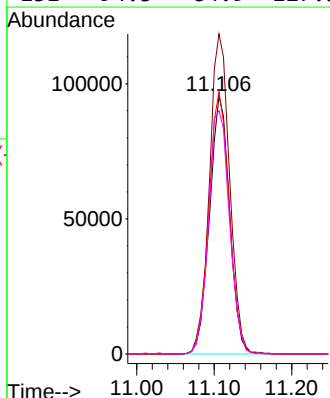
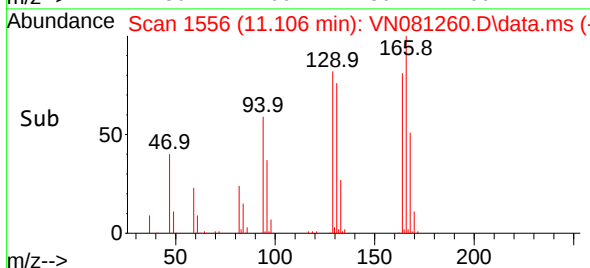
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

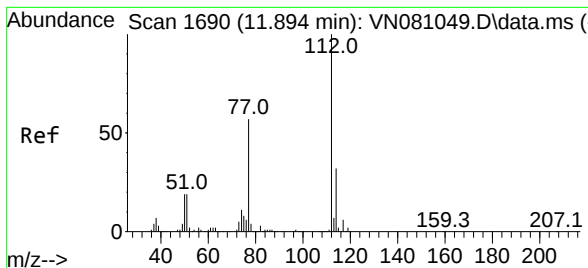


#64
Tetrachloroethene
Concen: 63.068 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



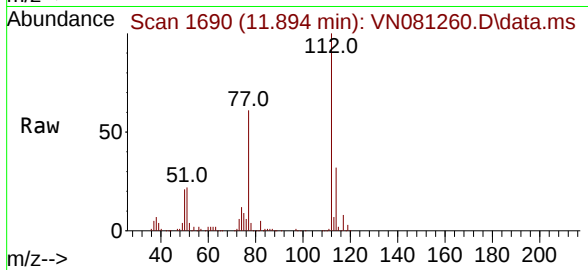
Tgt Ion:164 Resp: 171195
Ion Ratio Lower Upper
164 100
166 124.0 105.8 158.6
129 101.5 89.6 134.4
131 94.3 84.9 127.3





#65
Chlorobenzene
Concen: 54.748 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

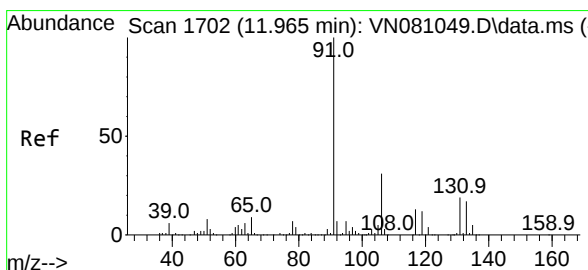
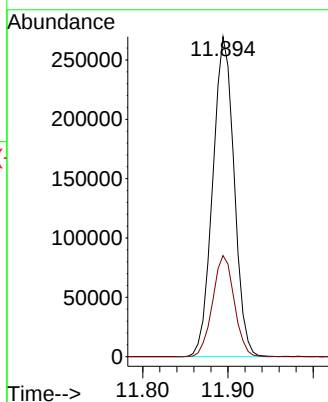
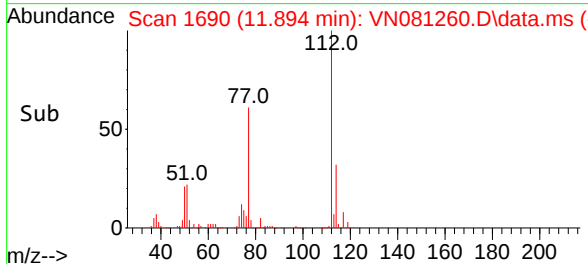
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



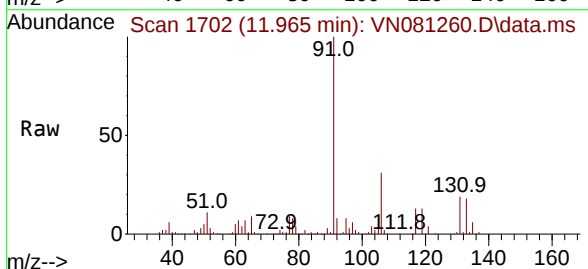
Tgt Ion:112 Resp: 47126
Ion Ratio Lower Upper
112 100
114 31.6 23.7 35.5

Manual Integrations
APPROVED

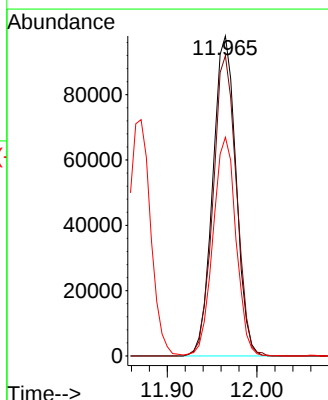
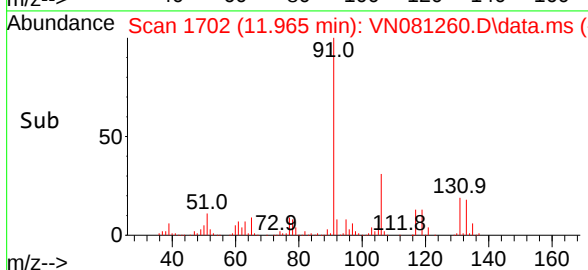
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

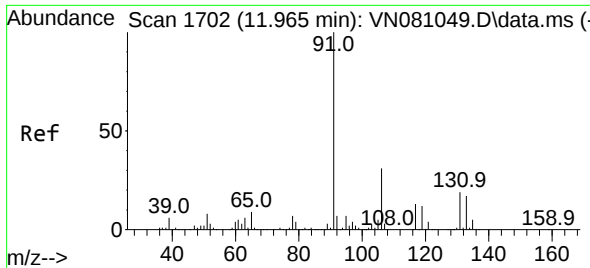


#66
1,1,1,2-Tetrachloroethane
Concen: 56.926 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion:131 Resp: 176001
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 67.8 34.6 103.9





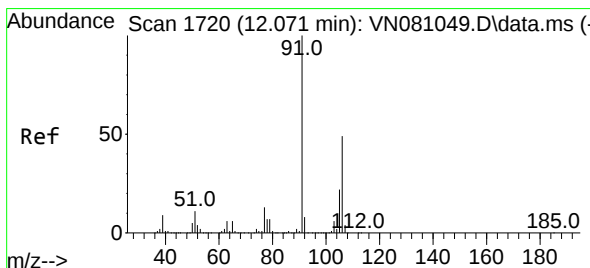
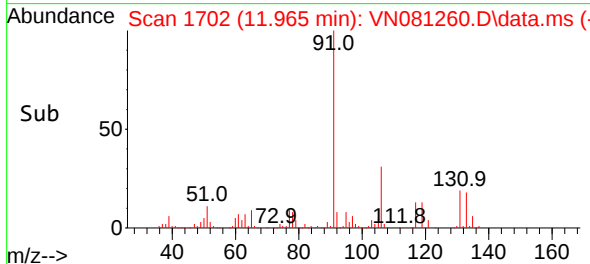
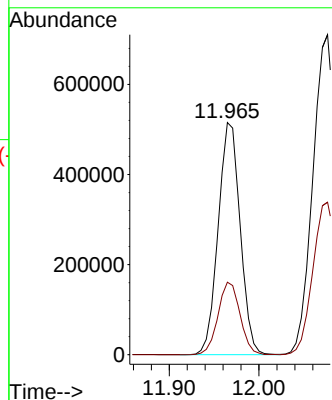
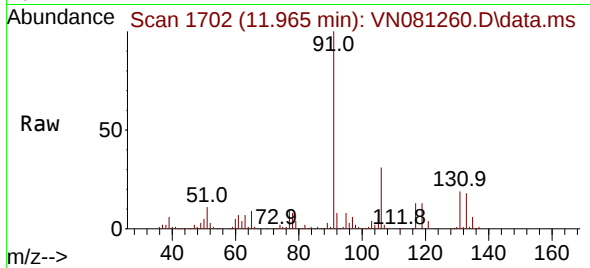
#67
Ethyl Benzene
Concen: 56.928 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 876859
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6

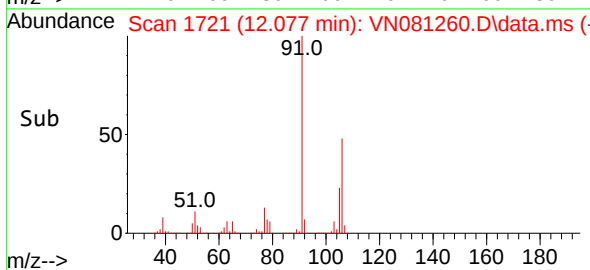
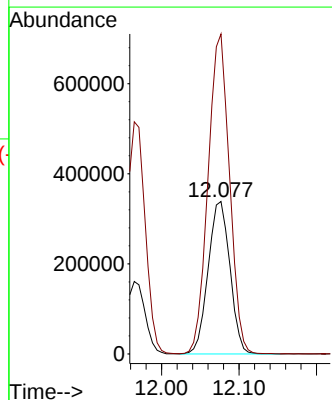
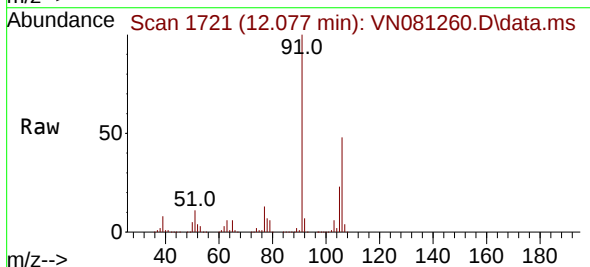
Manual Integrations
APPROVED

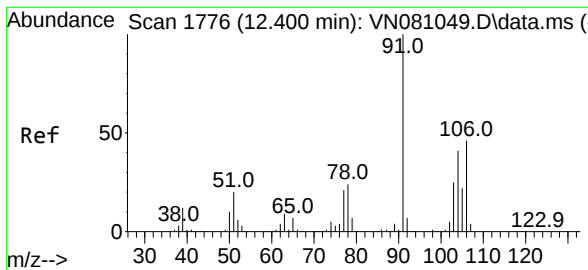
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#68
m/p-Xylenes
Concen: 111.961 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion:106 Resp: 661020
Ion Ratio Lower Upper
106 100
91 206.4 169.0 253.6





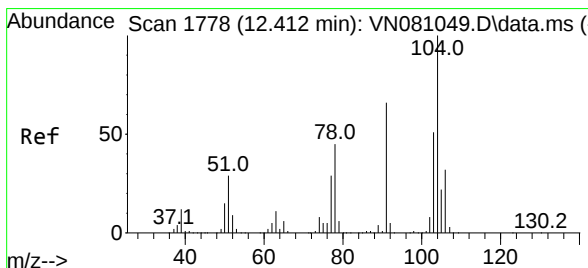
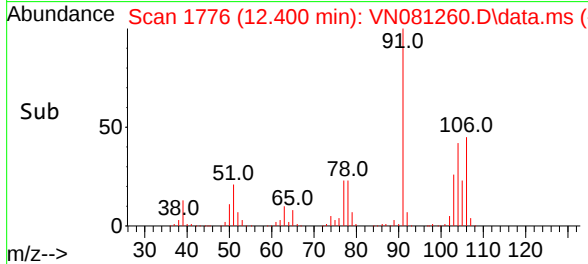
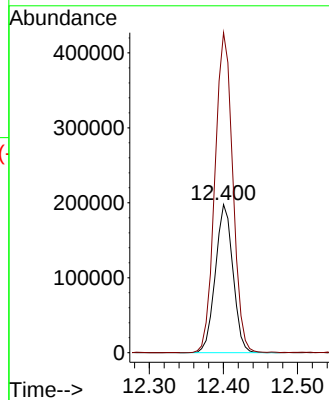
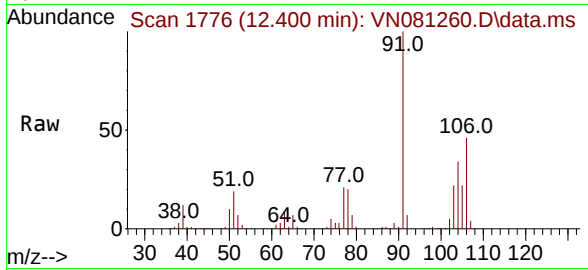
#69
o-Xylene
Concen: 55.585 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 32530
Ion Ratio Lower Upper
106 100
91 219.6 112.1 336.3

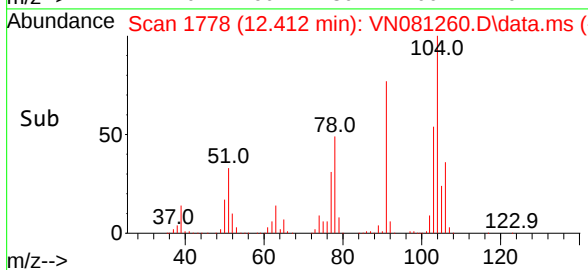
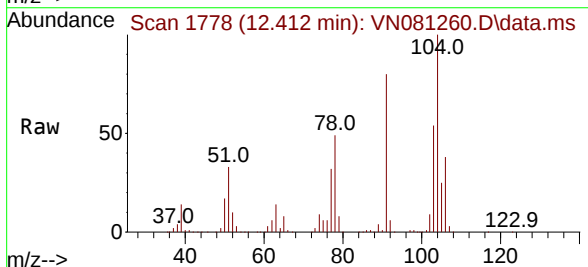
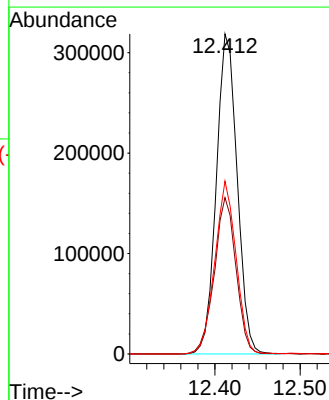
Manual Integrations
APPROVED

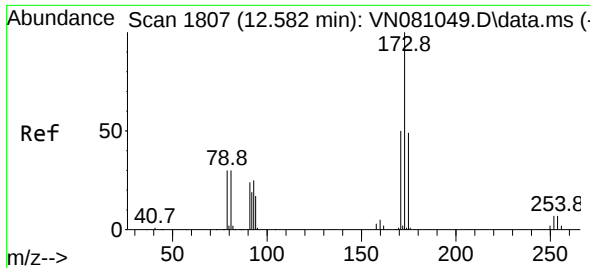
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 58.433 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

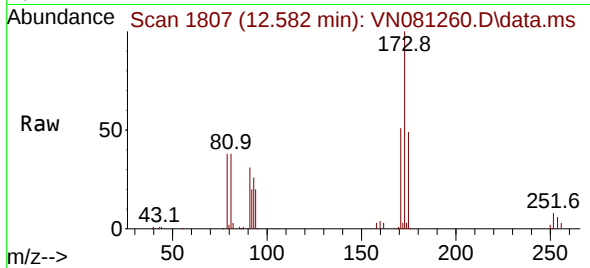
Tgt Ion:104 Resp: 541893
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.8
103 55.3 44.2 66.2





#71
Bromoform
Concen: 62.654 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

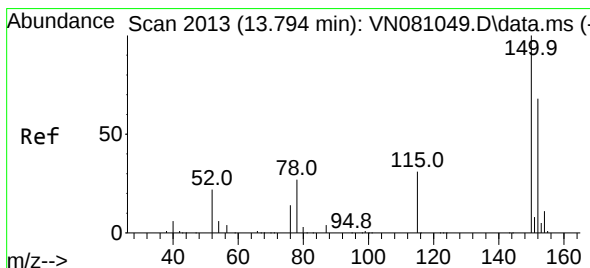
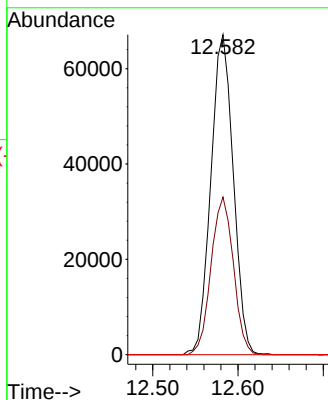
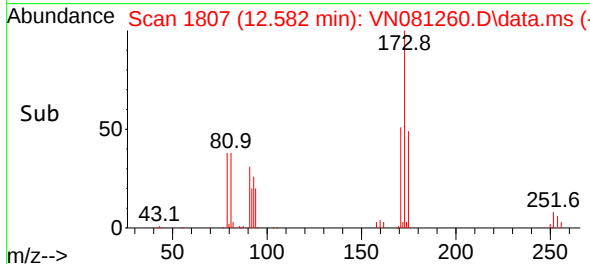
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



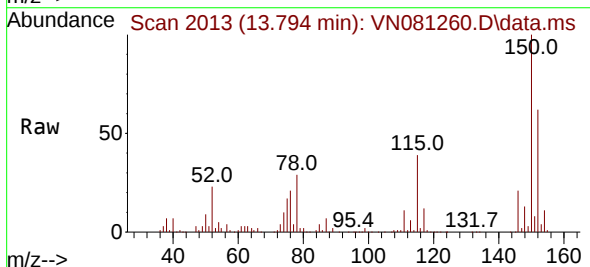
Tgt Ion:173 Resp: 12289
Ion Ratio Lower Upper
173 100
175 49.0 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

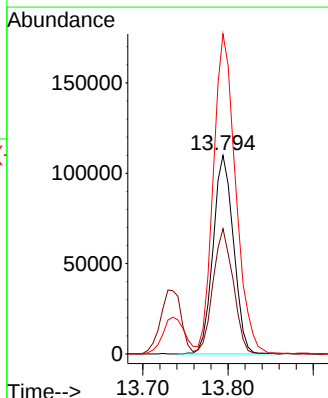
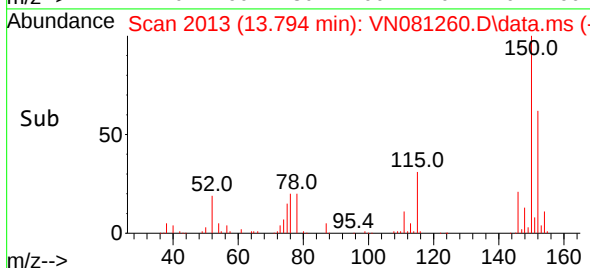
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

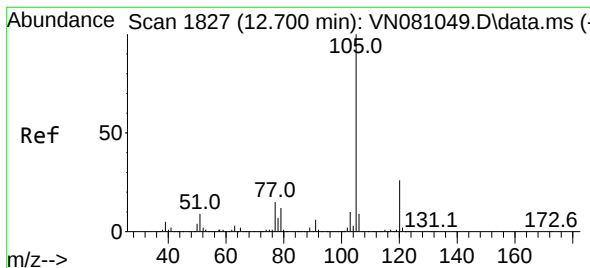


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion:152 Resp: 182659
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 176.1 0.0 339.8





#73

Isopropylbenzene

Concen: 53.878 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 86104

Ion Ratio Lower Upper

105 100

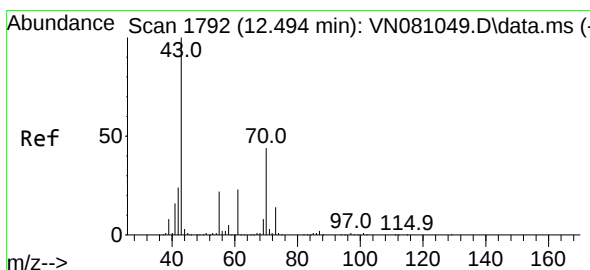
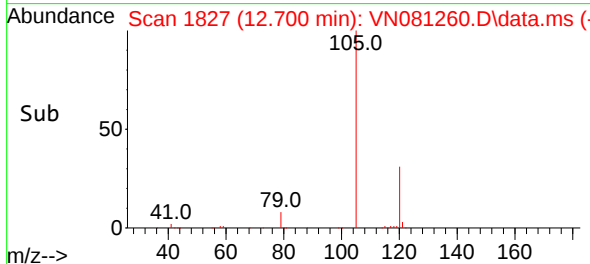
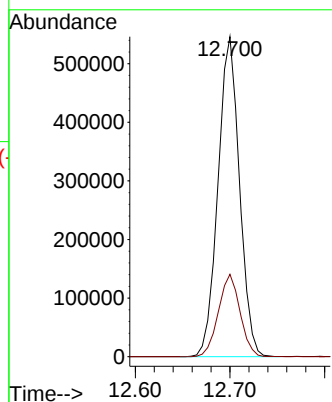
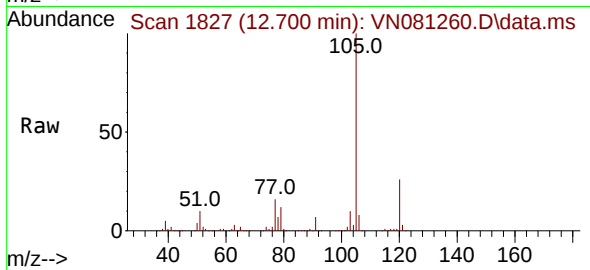
120 25.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#74

N-ethyl acetate

Concen: 52.806 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Tgt Ion: 43 Resp: 356671

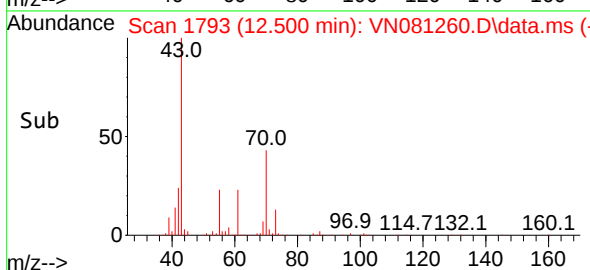
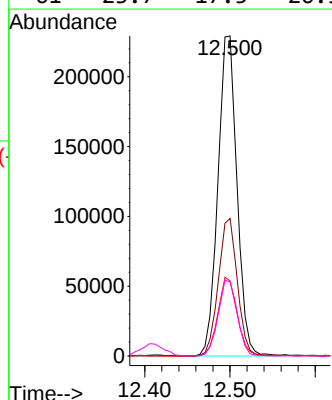
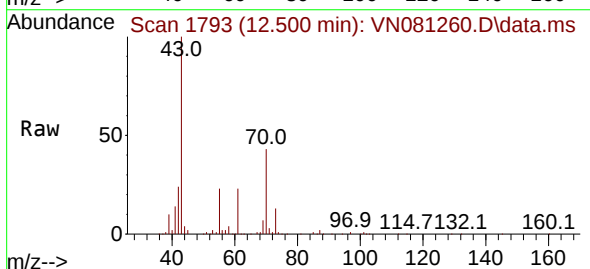
Ion Ratio Lower Upper

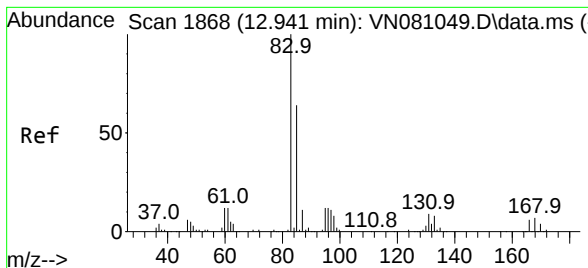
43 100

70 43.0 30.1 45.1

55 24.9 17.0 25.4

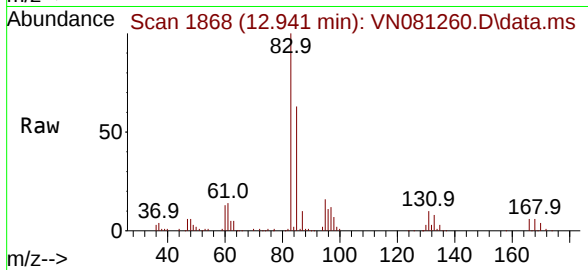
61 23.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 58.029 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

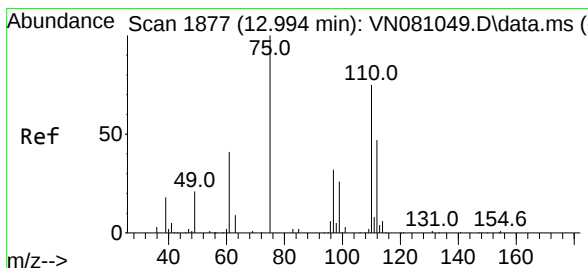
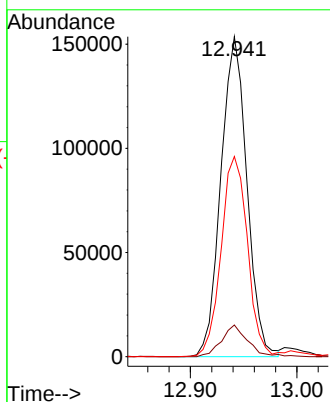
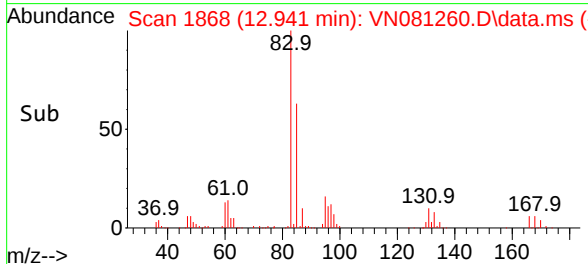
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



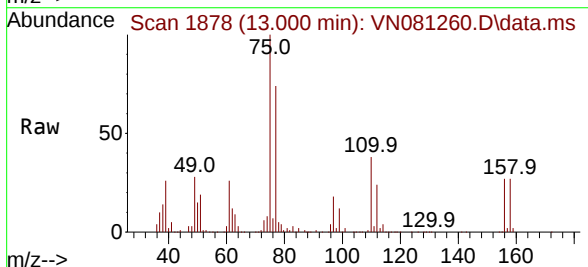
Tgt Ion: 83 Resp: 260770
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 63.6 32.1 96.3

Manual Integrations
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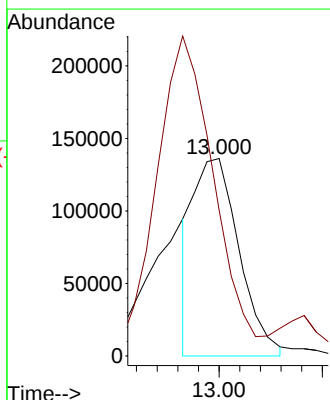
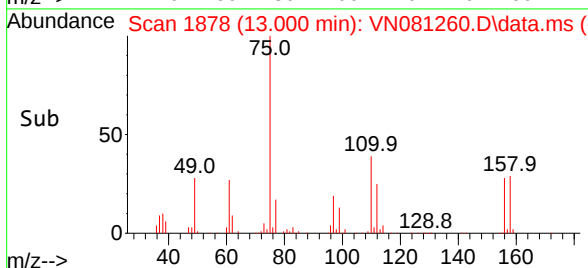
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

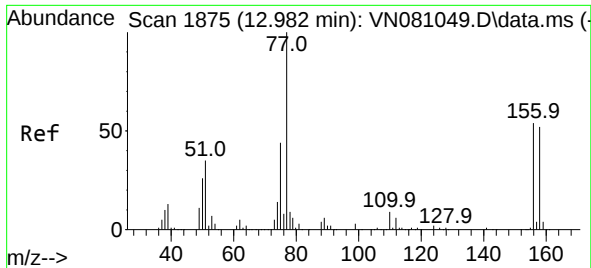


#76
1,2,3-Trichloropropane
Concen: 50.172 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



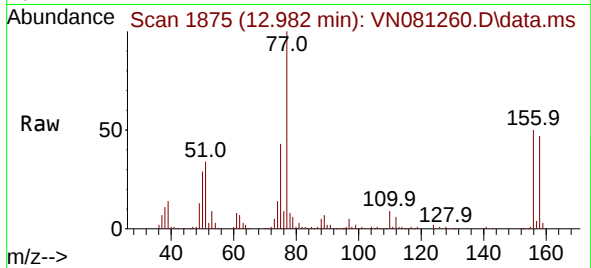
Tgt Ion: 75 Resp: 208221
Ion Ratio Lower Upper
75 100
77 207.4 91.0 272.8





#77
Bromobenzene
Concen: 53.808 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

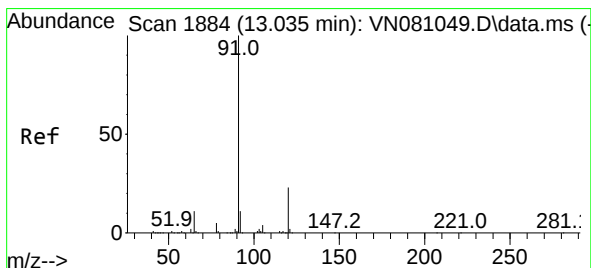
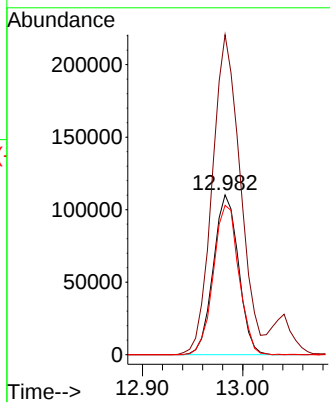
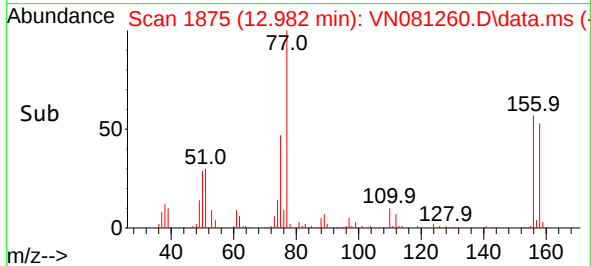
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



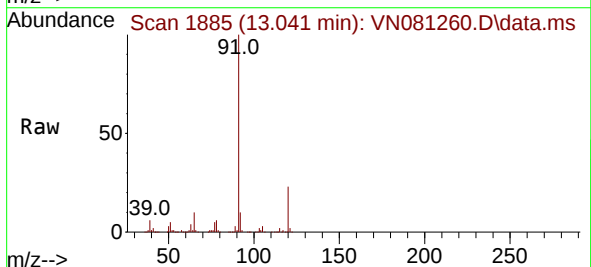
Tgt Ion:156 Resp: 191739
Ion Ratio Lower Upper
156 100
77 225.2 138.1 414.3
158 94.8 46.5 139.5

Manual Integrations
APPROVED

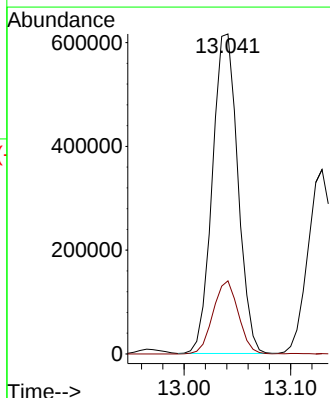
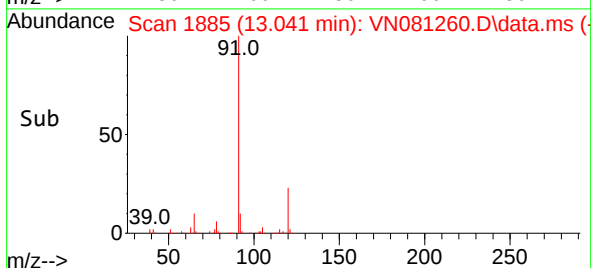
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

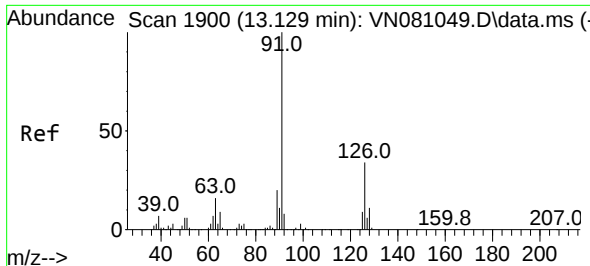


#78
n-propylbenzene
Concen: 55.666 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion: 91 Resp: 1024129
Ion Ratio Lower Upper
91 100
120 22.7 10.3 30.9





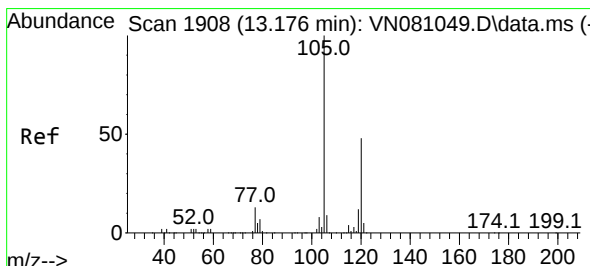
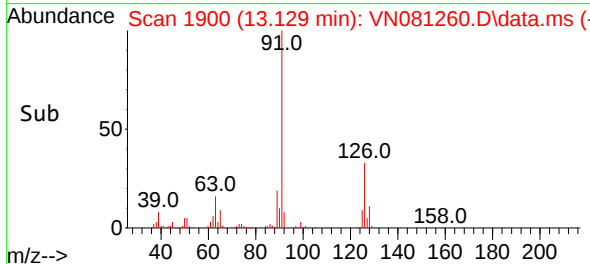
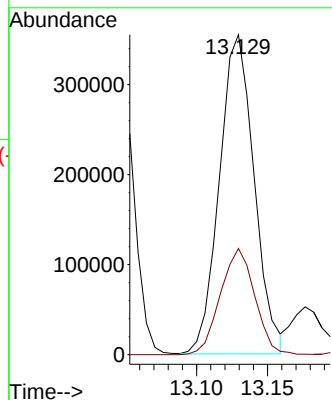
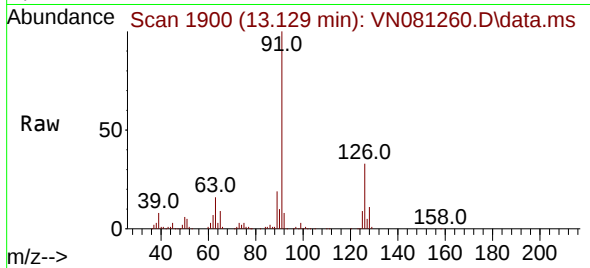
#79
2-Chlorotoluene
Concen: 53.438 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 603025
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4

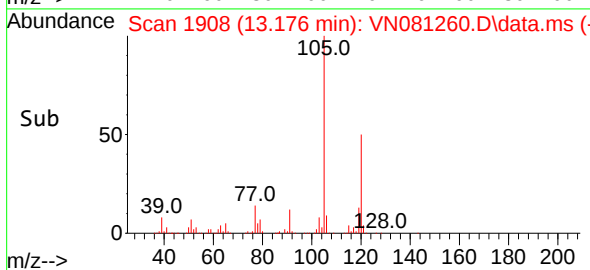
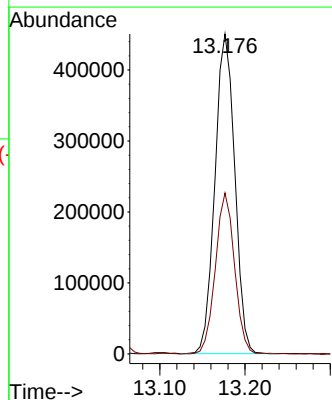
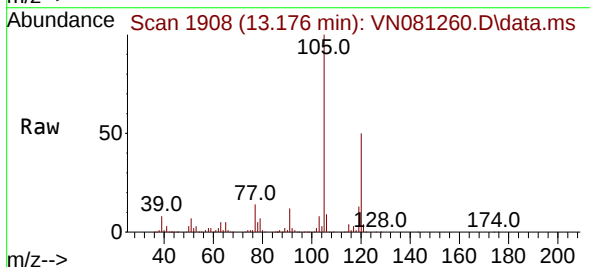
Manual Integrations
APPROVED

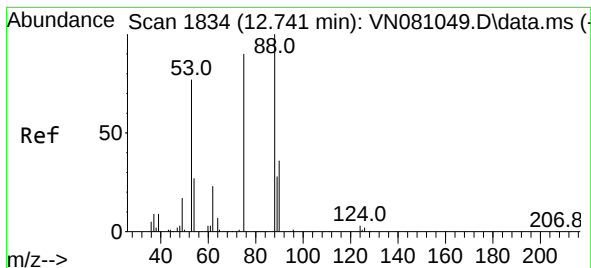
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.211 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

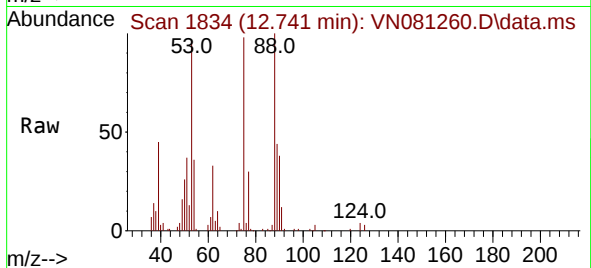
Tgt Ion:105 Resp: 728366
Ion Ratio Lower Upper
105 100
120 48.7 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.351 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

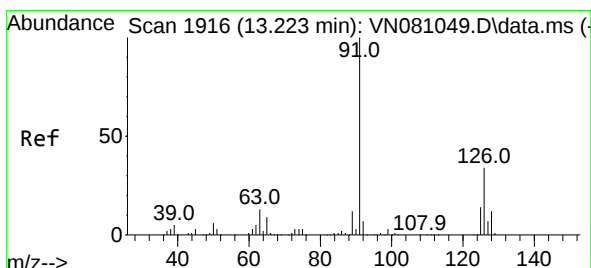
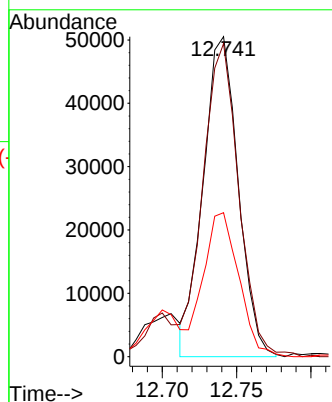
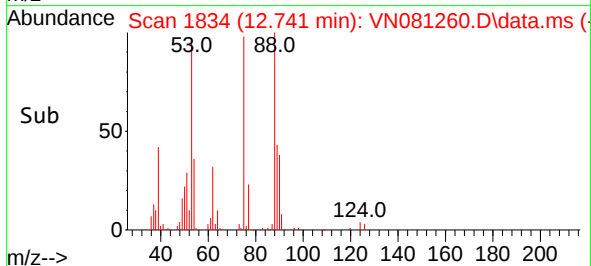
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8279
Ion Ratio Lower Upper
75 100
53 102.0 71.4 107.2
89 44.8 33.4 50.0

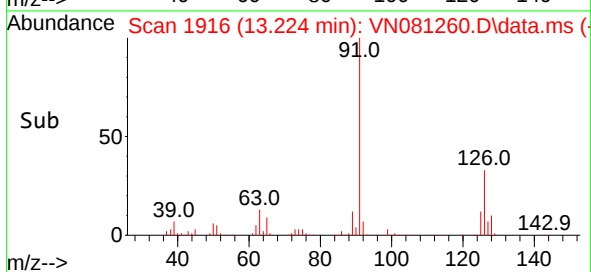
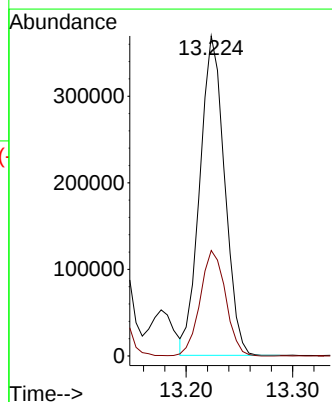
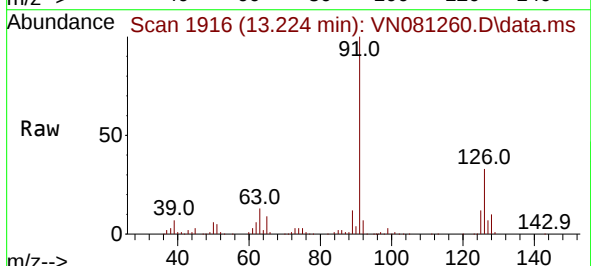
Manual Integrations
APPROVED

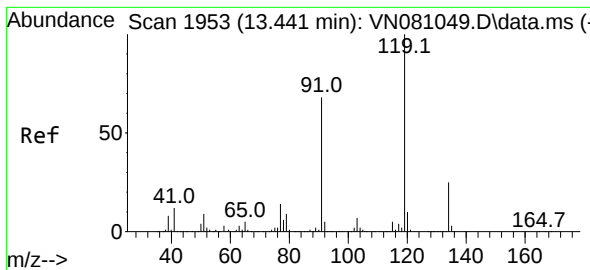
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 54.100 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion: 91 Resp: 596933
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9





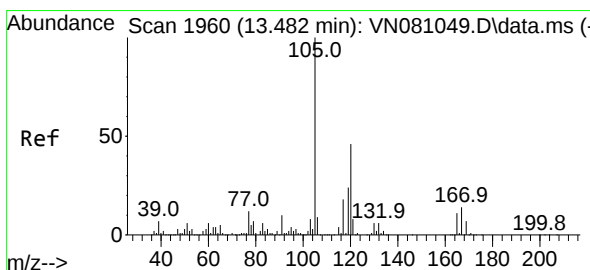
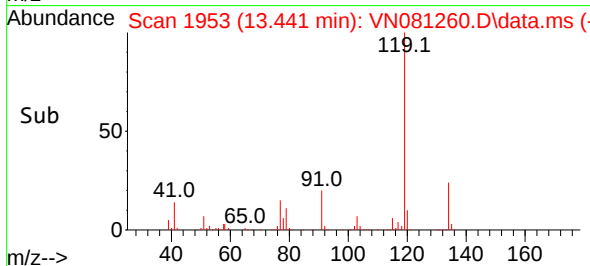
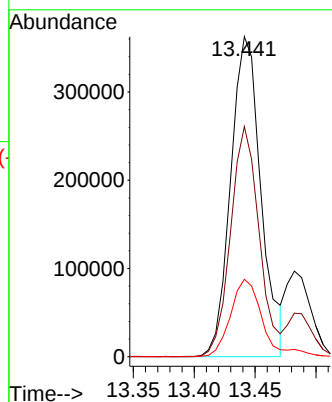
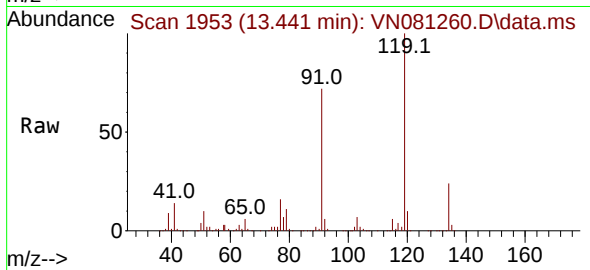
#83
tert-Butylbenzene
Concen: 56.067 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 628180
Ion Ratio Lower Upper
119 100
91 67.9 36.8 110.4
134 25.5 12.4 37.4

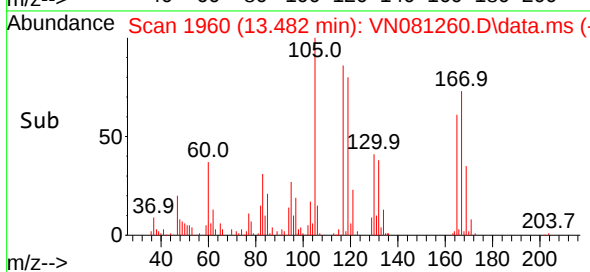
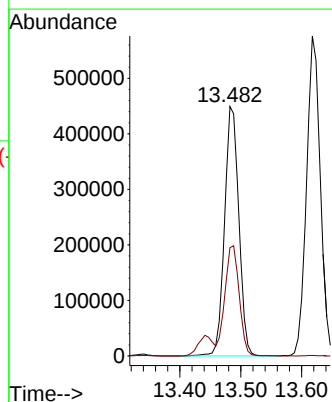
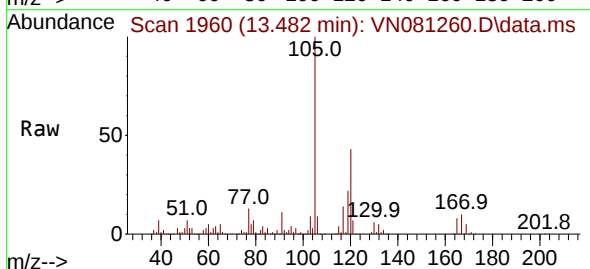
Manual Integrations
APPROVED

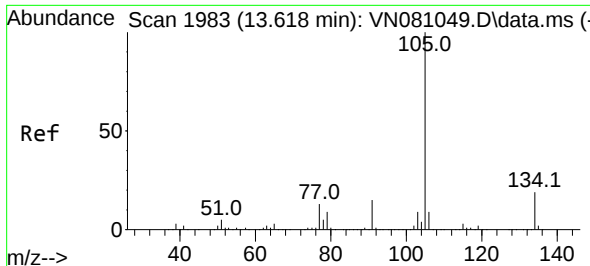
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.679 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

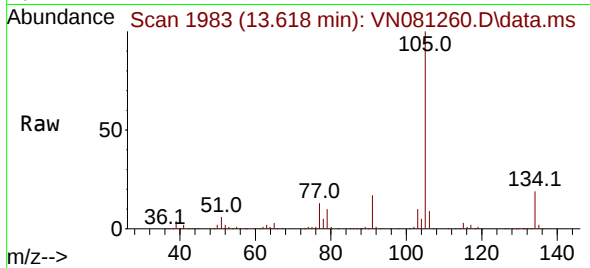
Tgt Ion:105 Resp: 731847
Ion Ratio Lower Upper
105 100
120 44.4 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 58.090 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081260.D
 Acq: 28 Feb 2024 22:05

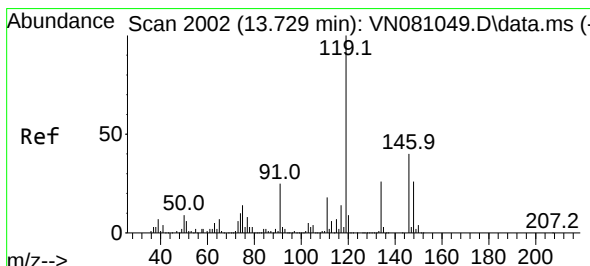
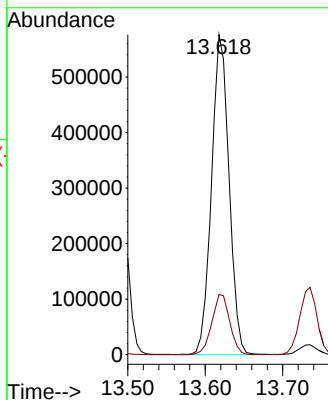
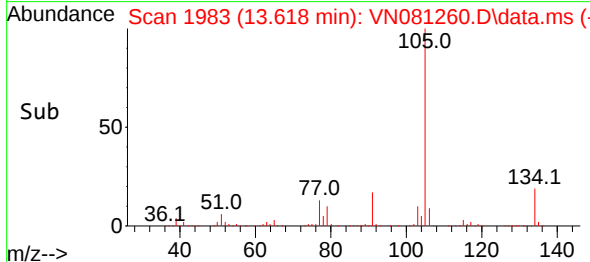
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



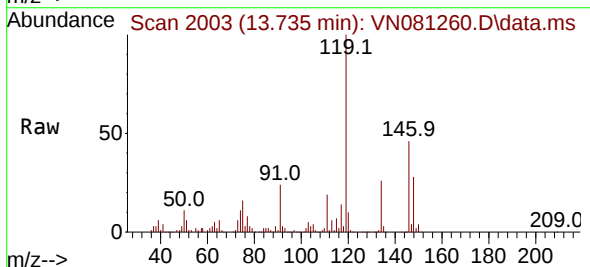
Tgt Ion:105 Resp: 90481
 Ion Ratio Lower Upper
 105 100
 134 19.3 8.6 25.8

Manual Integrations
 APPROVED

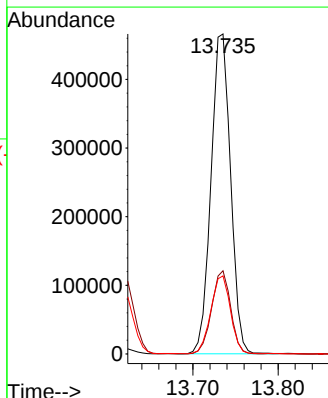
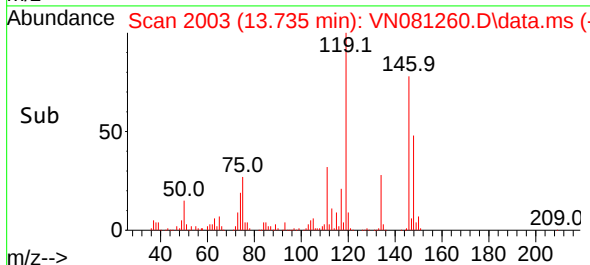
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

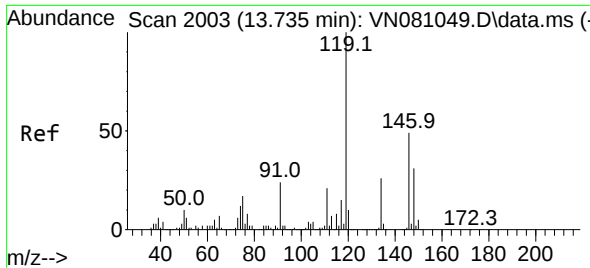


#86
 p-Isopropyltoluene
 Concen: 57.499 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081260.D
 Acq: 28 Feb 2024 22:05



Tgt Ion:119 Resp: 743912
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.2
 91 24.3 13.5 40.4





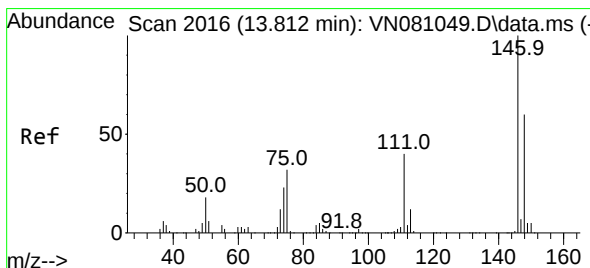
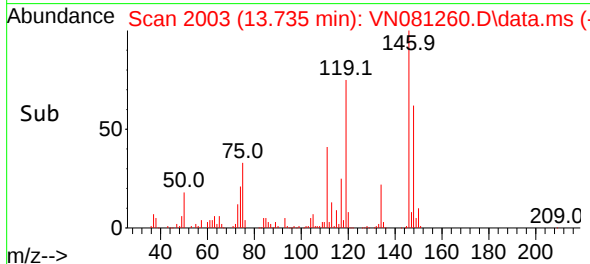
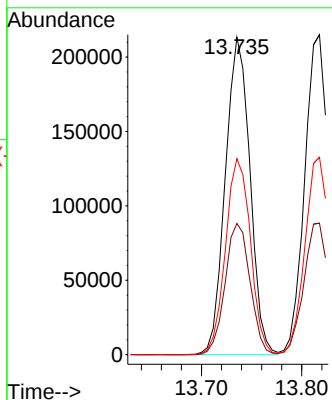
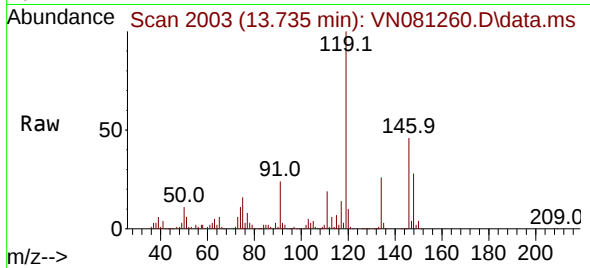
#87
1,3-Dichlorobenzene
Concen: 54.152 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 36460
Ion Ratio Lower Upper
146 100
111 41.8 23.9 71.7
148 62.7 32.6 97.7

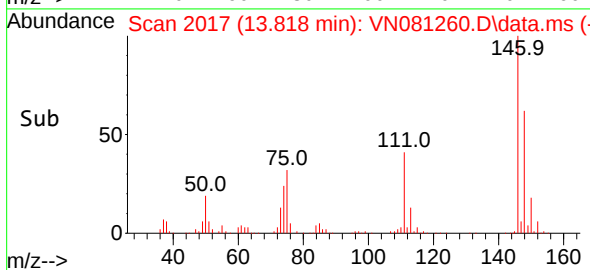
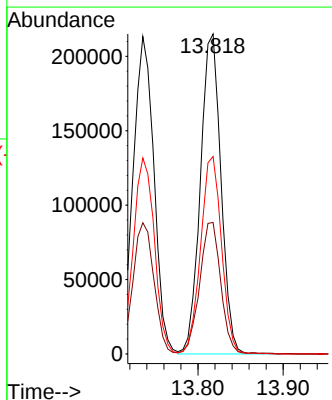
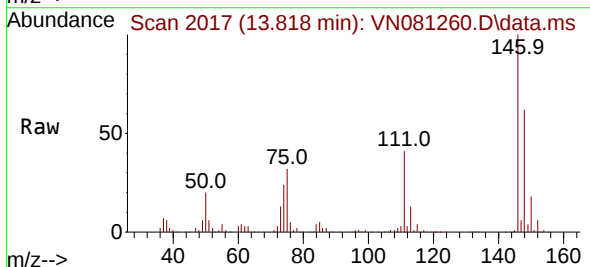
Manual Integrations
APPROVED

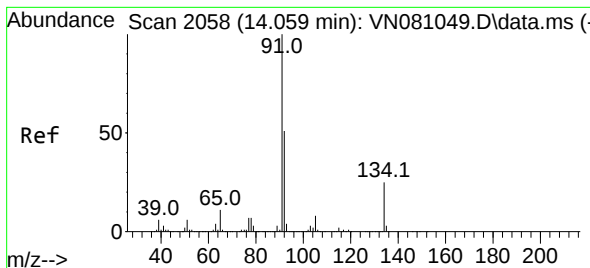
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#88
1,4-Dichlorobenzene
Concen: 54.577 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

Tgt Ion:146 Resp: 361074
Ion Ratio Lower Upper
146 100
111 42.0 22.6 67.7
148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 58.717 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

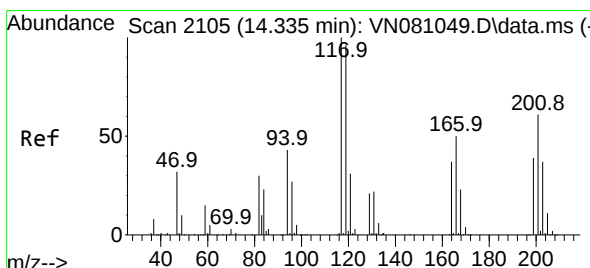
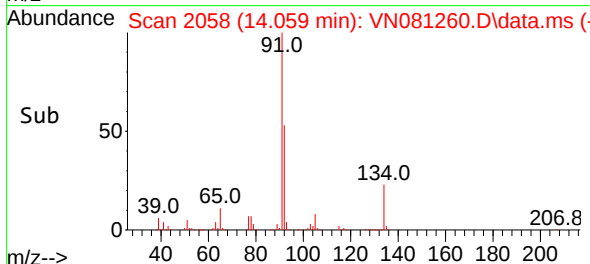
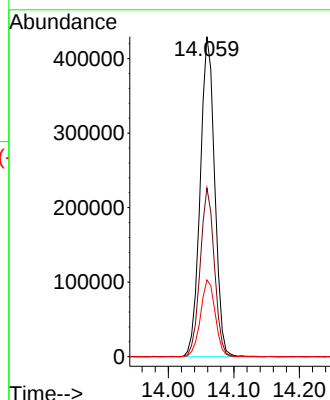
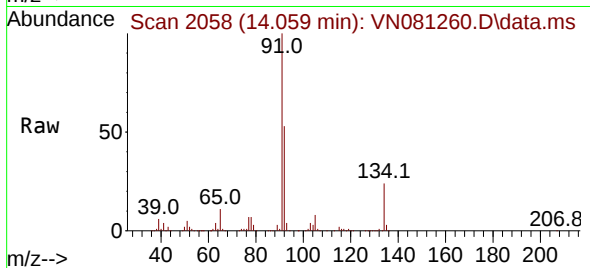
Tgt Ion: 91 Resp: 66182
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.7 80.1
 134 24.4 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#90

Hexachloroethane

Concen: 60.243 ug/l

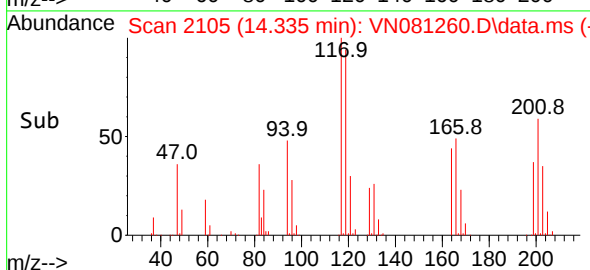
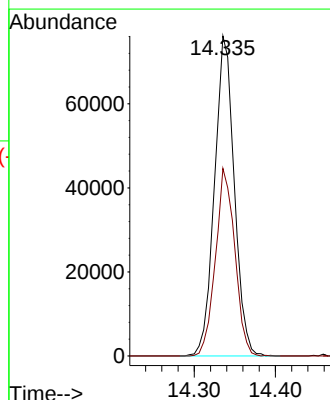
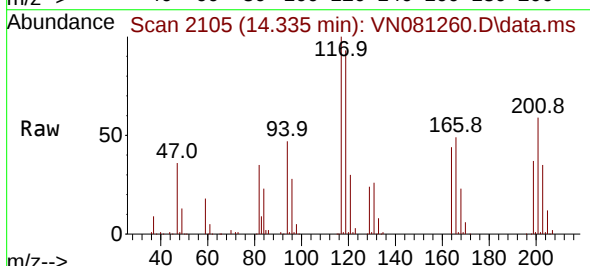
RT: 14.335 min Scan# 2105

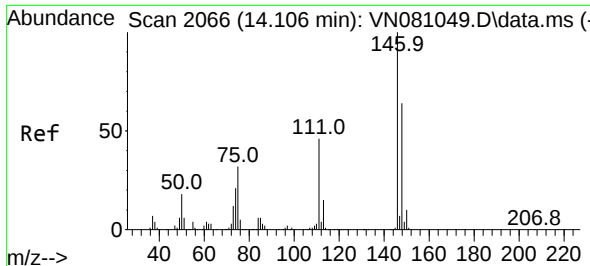
Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

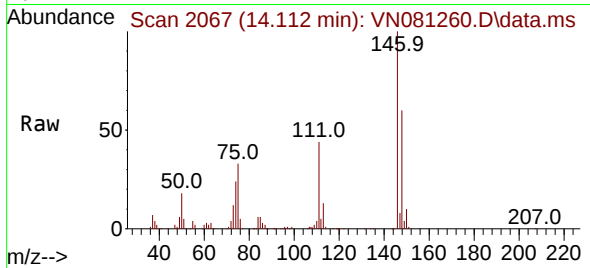
Tgt Ion:117 Resp: 128832
 Ion Ratio Lower Upper
 117 100
 201 57.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 54.228 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05

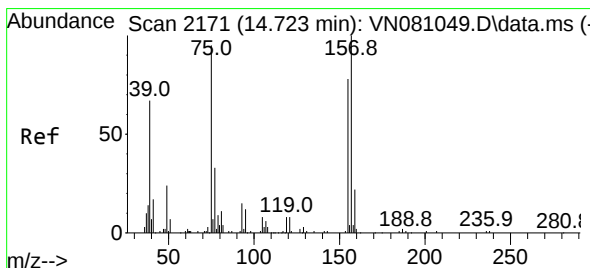
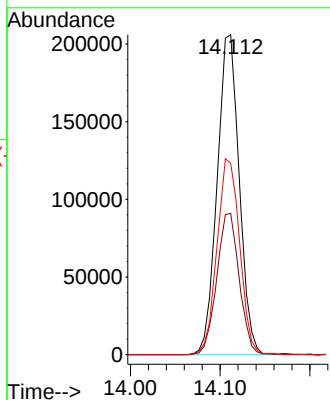
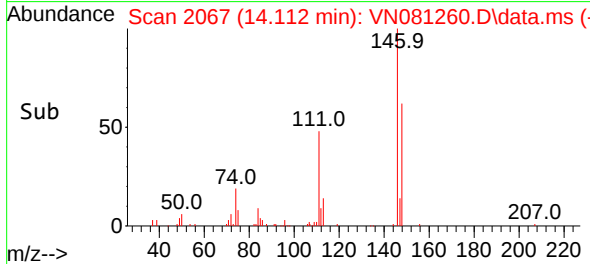
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



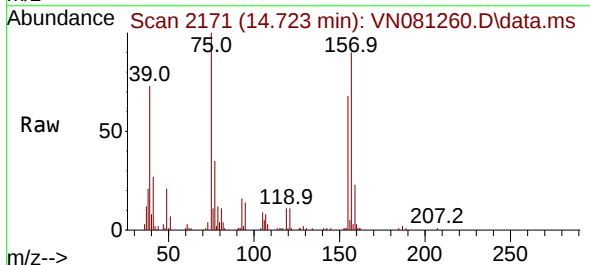
Tgt Ion:146 Resp: 35214
Ion Ratio Lower Upper
146 100
111 44.9 23.9 71.8
148 62.8 31.4 94.0

Manual Integrations
APPROVED

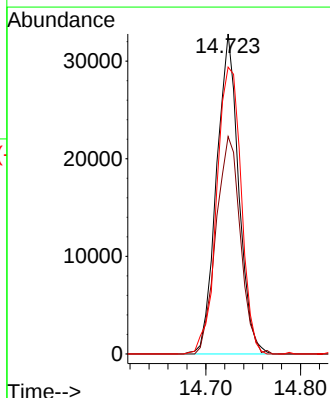
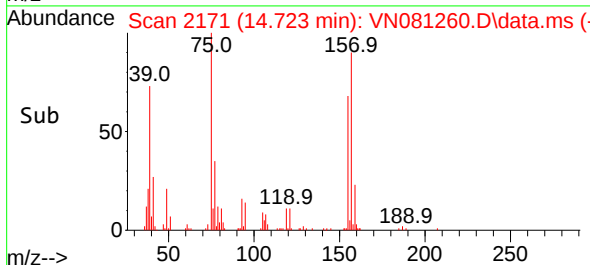
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

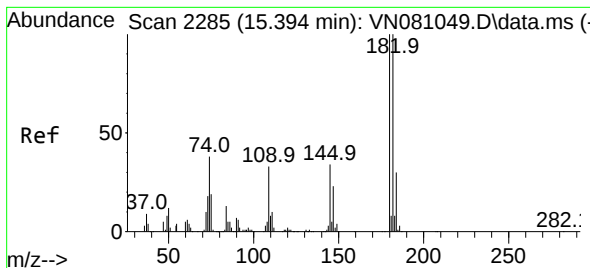


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.053 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081260.D
Acq: 28 Feb 2024 22:05



Tgt Ion: 75 Resp: 53305
Ion Ratio Lower Upper
75 100
155 74.4 31.8 95.4
157 98.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 52.728 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

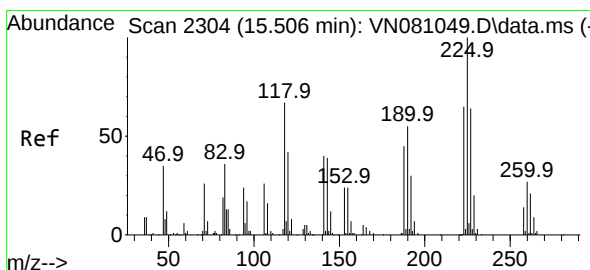
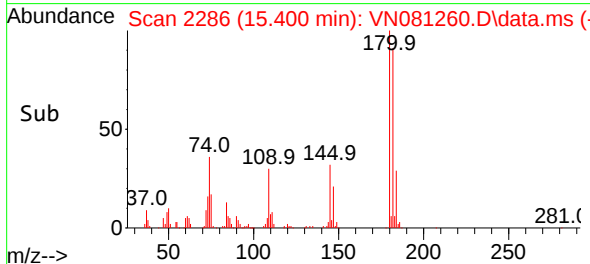
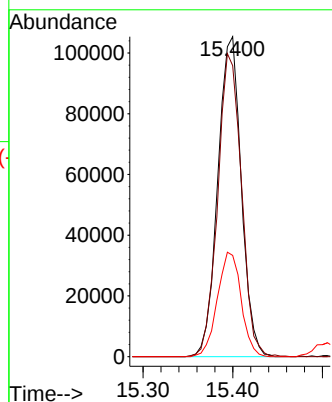
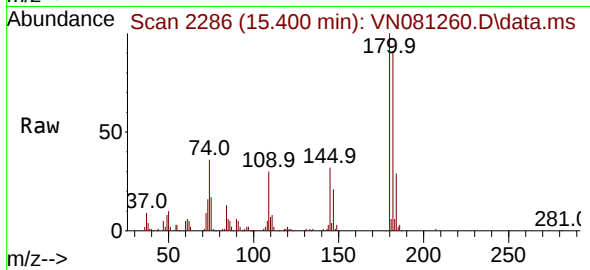
Tgt Ion:	180	Resp:	19102
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.6	139.7
145	33.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#94

Hexachlorobutadiene

Concen: 50.810 ug/l

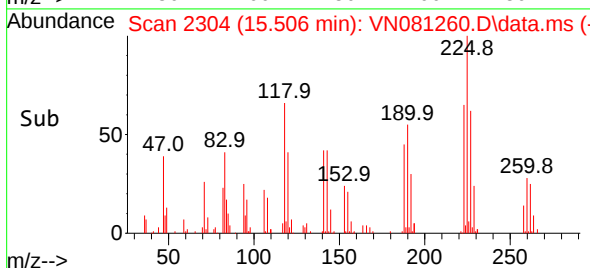
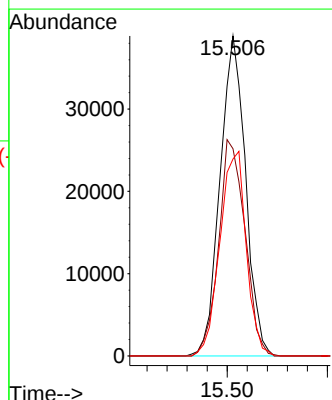
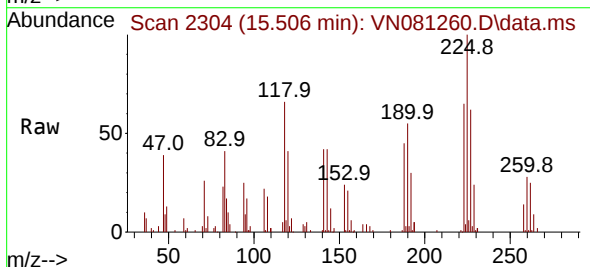
RT: 15.506 min Scan# 2304

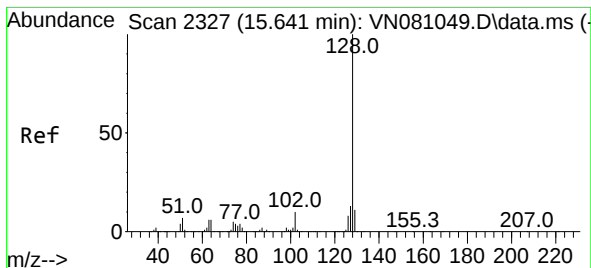
Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Tgt Ion:	225	Resp:	68651
Ion Ratio	Lower	Upper	
225	100		
223	69.6	33.3	99.8
227	66.0	33.1	99.2





#95

Naphthalene

Concen: 54.207 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 71964

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

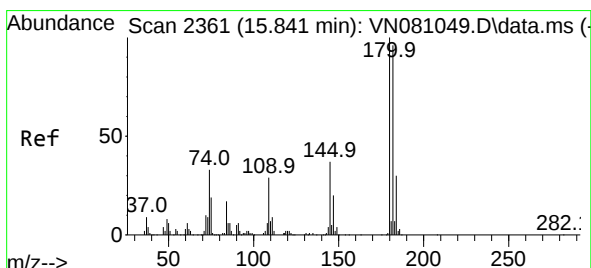
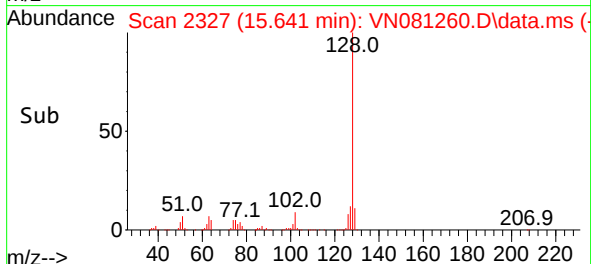
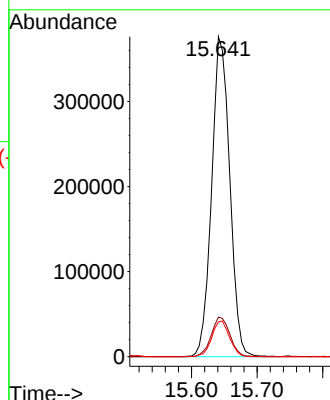
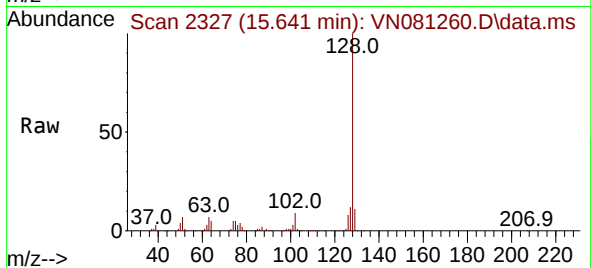
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.395 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081260.D

Acq: 28 Feb 2024 22:05

Tgt Ion:180 Resp: 199088

Ion Ratio Lower Upper

180 100

182 92.9 46.5 139.3

145 35.7 17.8 53.4

