

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081166.D
 Acq On : 23 Feb 2024 18:08
 Operator : JC\MD
 Sample : VN0223WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:02:07 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	291452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185421	51.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.171	113	155414	50.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	10.571	98	520894	47.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.960%			
62) 4-Bromofluorobenzene	12.853	95	203312	49.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78738	20.890	ug/l	95
3) Chloromethane	2.365	50	75307	17.546	ug/l	99
4) Vinyl Chloride	2.512	62	84398	20.159	ug/l	94
5) Bromomethane	2.959	94	55136	18.542	ug/l	96
6) Chloroethane	3.118	64	58128	20.962	ug/l	93
7) Trichlorofluoromethane	3.501	101	127007	20.765	ug/l	95
8) Diethyl Ether	3.953	74	46865	20.958	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	70015	20.534	ug/l #	90
10) Methyl Iodide	4.595	142	62355	16.384	ug/l	99
11) Tert butyl alcohol	5.530	59	76185	115.963	ug/l	98
12) 1,1-Dichloroethene	4.342	96	64579	19.593	ug/l	81
13) Acrolein	4.177	56	35444	100.657	ug/l	99
14) Allyl chloride	5.030	41	94974	19.420	ug/l #	89
15) Acrylonitrile	5.718	53	201893	117.666	ug/l	99
16) Acetone	4.430	43	140709	100.102	ug/l	98
17) Carbon Disulfide	4.718	76	161083	17.522	ug/l	99
18) Methyl Acetate	5.030	43	91073	26.559	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	242889	21.516	ug/l	96
20) Methylene Chloride	5.271	84	78281	20.988	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	70879	19.275	ug/l	93
22) Diisopropyl ether	6.677	45	240712	21.698	ug/l #	97
23) Vinyl Acetate	6.606	43	951785	105.746	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	139361	21.726	ug/l #	93
25) 2-Butanone	7.489	43	259313	114.191	ug/l	98
26) 2,2-Dichloropropane	7.494	77	121044	20.140	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	87857	20.564	ug/l	86
28) Bromochloromethane	7.812	49	58859	22.134	ug/l #	67
29) Tetrahydrofuran	7.841	42	179097	118.144	ug/l #	87
30) Chloroform	7.971	83	145240	21.299	ug/l	99
31) Cyclohexane	8.259	56	121809	19.747	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	130902	21.078	ug/l	88
36) 1,1-Dichloropropene	8.371	75	102460	19.565	ug/l	97
37) Ethyl Acetate	7.571	43	110887	23.462	ug/l	98
38) Carbon Tetrachloride	8.365	117	107652	20.318	ug/l	95
39) Methylcyclohexane	9.606	83	119630	19.596	ug/l	88
40) Benzene	8.606	78	314319	20.736	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58806	21.862	ug/l	95
42) 1,2-Dichloroethane	8.677	62	115556	21.851	ug/l	99
43) Isopropyl Acetate	8.694	43	190829	23.086	ug/l	97
44) Trichloroethene	9.359	130	80689	19.986	ug/l	89
45) 1,2-Dichloropropane	9.624	63	79175	20.881	ug/l	99
46) Dibromomethane	9.712	93	56196	20.341	ug/l	92
47) Bromodichloromethane	9.894	83	111887	21.384	ug/l #	93
48) Methyl methacrylate	9.682	41	84059	21.855	ug/l	92
49) 1,4-Dioxane	9.700	88	38014	517.833	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	571968	120.287	ug/l	95
52) Toluene	10.635	92	200260	20.869	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	117914	20.279	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	129380	20.595	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	80039	21.686	ug/l	94
56) Ethyl methacrylate	10.877	69	121290	21.502	ug/l	90
57) 1,3-Dichloropropane	11.165	76	140184	21.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	260593	92.074	ug/l #	88
59) 2-Hexanone	11.200	43	430183	114.113	ug/l	96
60) Dibromochloromethane	11.365	129	82161	20.954	ug/l	98
61) 1,2-Dibromoethane	11.476	107	82044	21.139	ug/l	96
64) Tetrachloroethene	11.106	164	70519	21.509	ug/l	93
65) Chlorobenzene	11.894	112	207217	19.931	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	78685	21.071	ug/l	96
67) Ethyl Benzene	11.965	91	378832	20.363	ug/l	96
68) m/p-Xylenes	12.071	106	286744	40.210	ug/l	96
69) o-Xylene	12.400	106	139826	19.781	ug/l	98
70) Styrene	12.418	104	229194	20.461	ug/l	96
71) Bromoform	12.582	173	52390	22.113	ug/l #	96
73) Isopropylbenzene	12.700	105	378782	20.429	ug/l	99
74) N-amyl acetate	12.500	43	158160	20.183	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	113485	21.767	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93941m	19.510	ug/l	
77) Bromobenzene	12.982	156	82455	19.944	ug/l	78
78) n-propylbenzene	13.041	91	437300	20.488	ug/l	96
79) 2-Chlorotoluene	13.129	91	257745	19.687	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	317003	21.087	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36570m	19.549	ug/l	
82) 4-Chlorotoluene	13.223	91	257261	20.096	ug/l	94
83) tert-Butylbenzene	13.441	119	277447	21.344	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	307315	20.514	ug/l	95
85) sec-Butylbenzene	13.618	105	380034	21.030	ug/l	93
86) p-Isopropyltoluene	13.735	119	303637	20.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	152912	19.575	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	153006	19.934	ug/l	97
89) n-Butylbenzene	14.059	91	271018	20.725	ug/l	98
90) Hexachloroethane	14.335	117	52699	21.240	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	153217	20.337	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23214	21.416	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	83413	19.845	ug/l	99
94) Hexachlorobutadiene	15.506	225	32636	20.820	ug/l	89
95) Naphthalene	15.647	128	313864	20.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84809	20.340	ug/l	98

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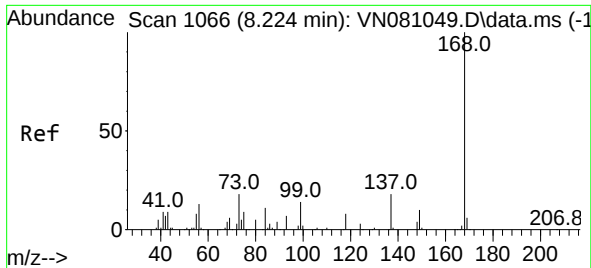
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

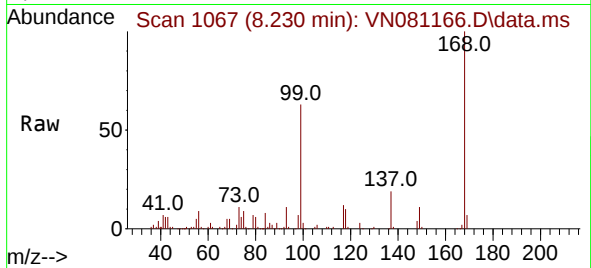
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081166.D
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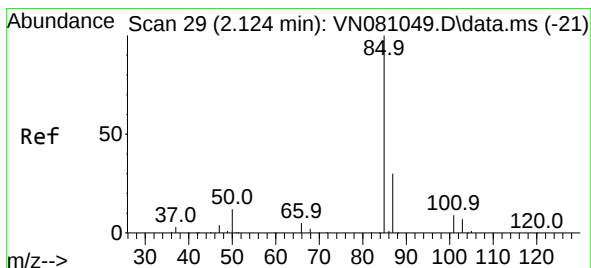
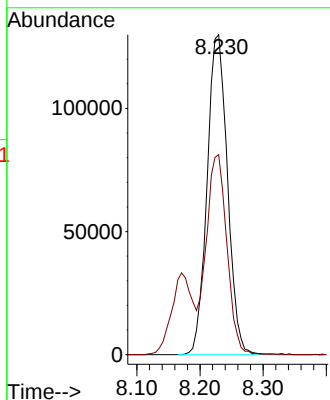
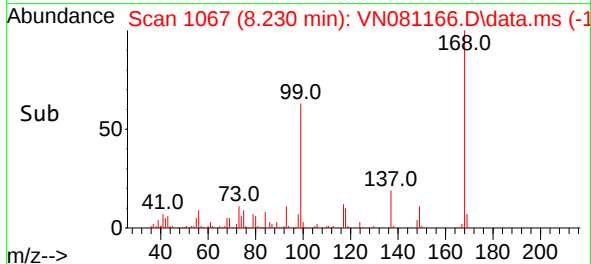
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion:168 Resp: 291452
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9

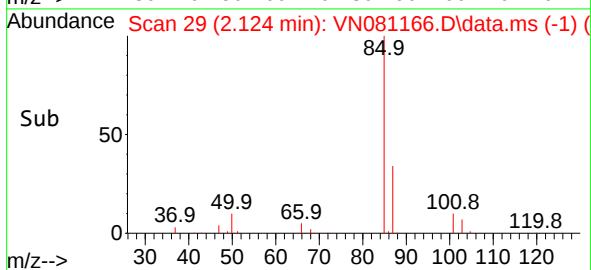
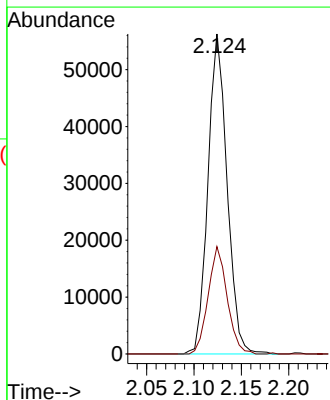
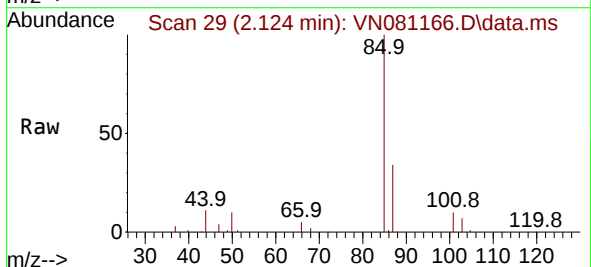
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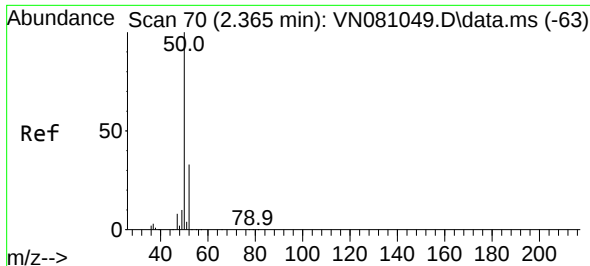
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 20.890 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 85 Resp: 78738
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





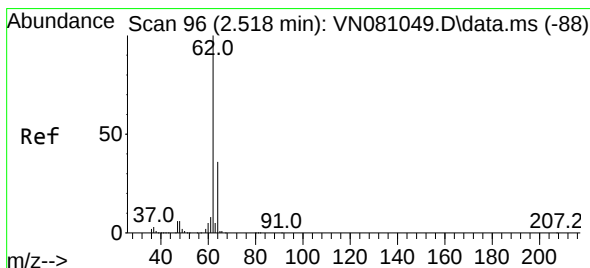
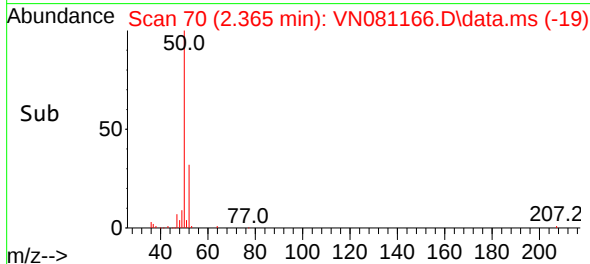
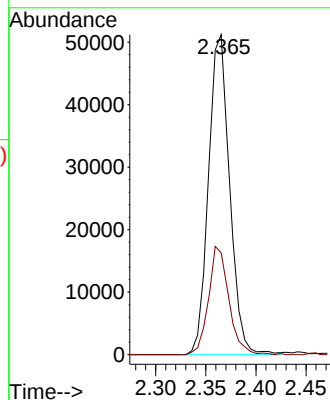
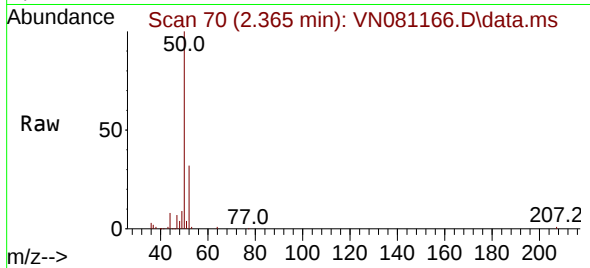
#3
Chloromethane
Concen: 17.546 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081166.D
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Instrument :
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Tgt Ion: 50 Resp: 7530
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

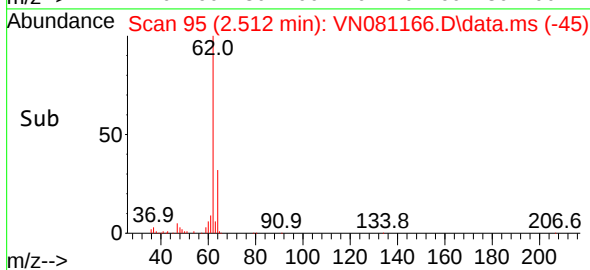
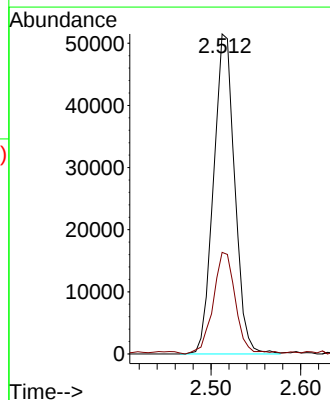
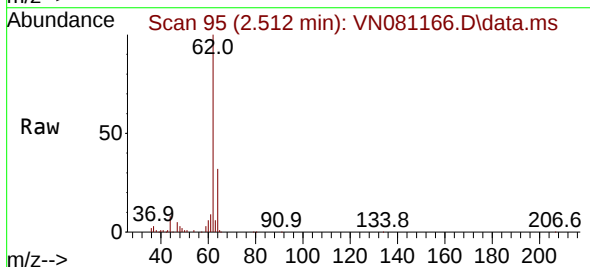
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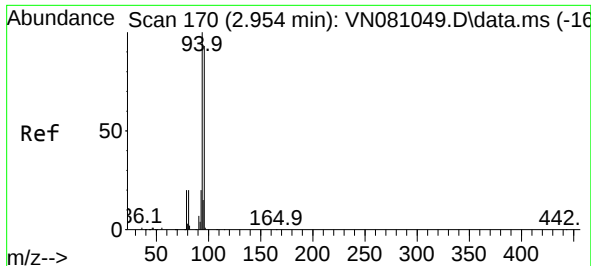
Reviewed By :John Carlone 02/26/2024
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#4
Vinyl Chloride
Concen: 20.159 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

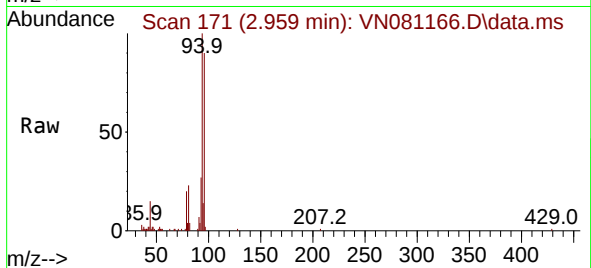
Tgt Ion: 62 Resp: 84398
Ion Ratio Lower Upper
62 100
64 31.4 22.7 34.1





#5
Bromomethane
Concen: 18.542 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.005 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

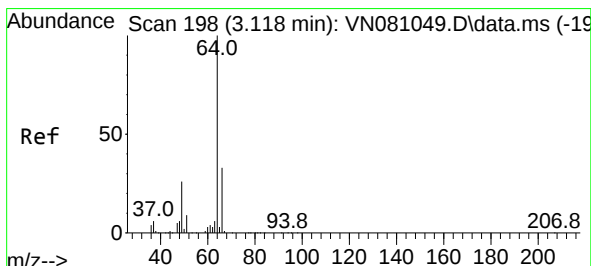
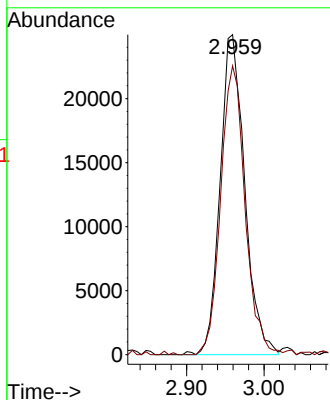
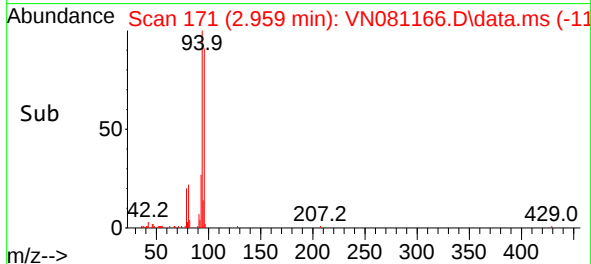
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Tgt Ion: 94 Resp: 55130
Ion Ratio Lower Upper
94 100
96 90.3 69.2 103.8

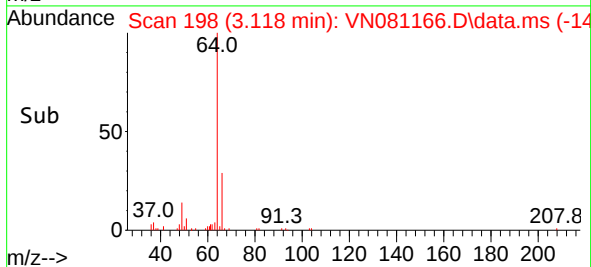
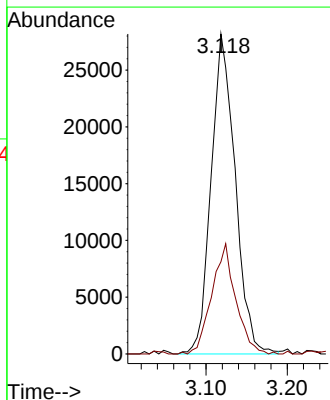
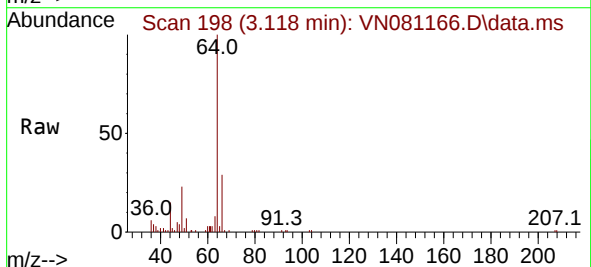
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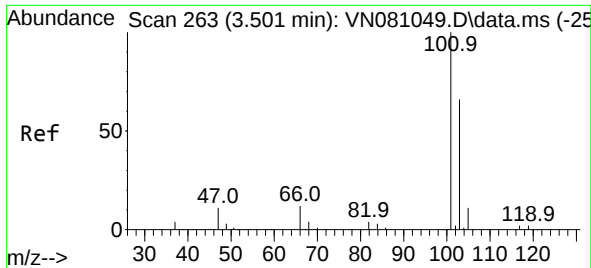
Reviewed By :John Carlone 02/26/2024
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#6
Chloroethane
Concen: 20.962 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

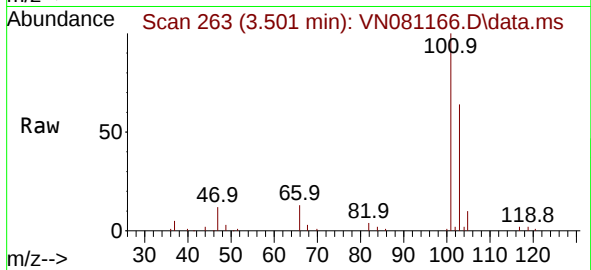
Tgt Ion: 64 Resp: 58128
Ion Ratio Lower Upper
64 100
66 28.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 20.765 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

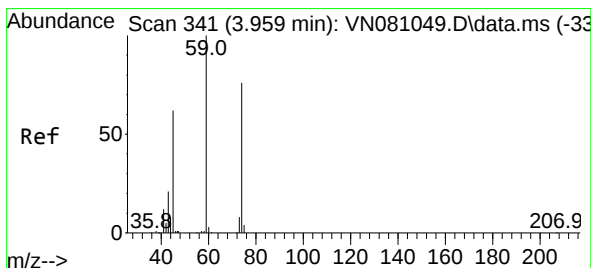
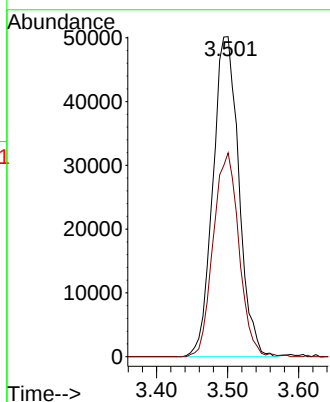
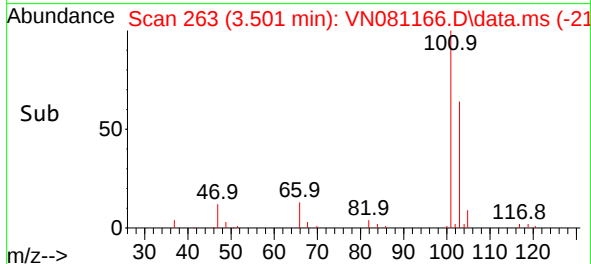
Instrument :
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ClientSampleId :
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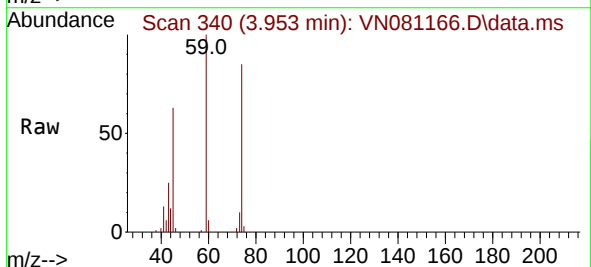
Tgt Ion:101 Resp: 12700
Ion Ratio Lower Upper
101 100
103 63.7 54.4 81.6

Manual Integrations
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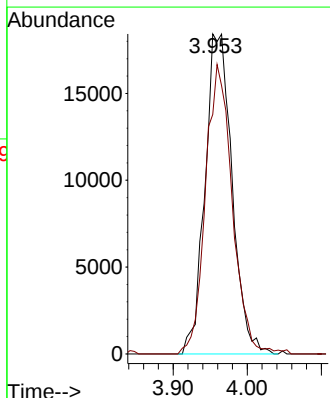
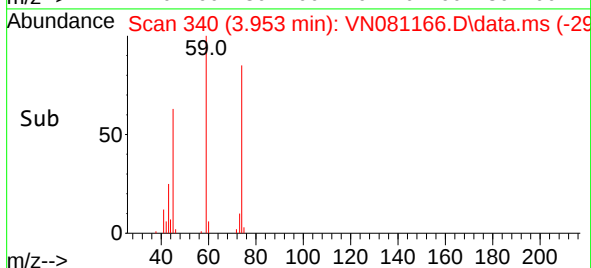
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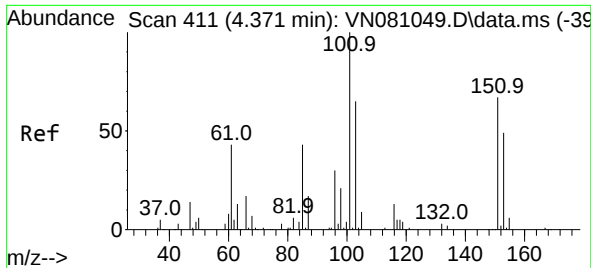


#8
Diethyl Ether
Concen: 20.958 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



Tgt Ion: 74 Resp: 46865
Ion Ratio Lower Upper
74 100
45 89.5 53.3 159.9





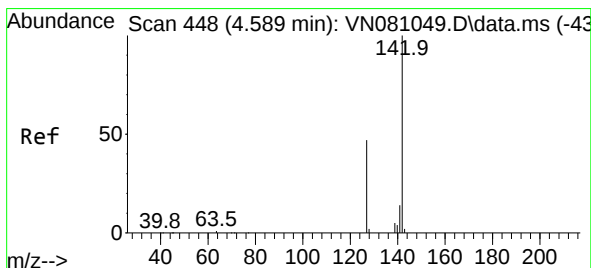
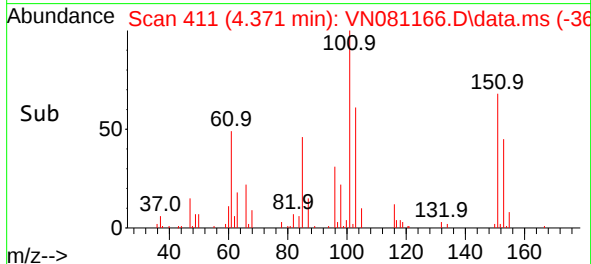
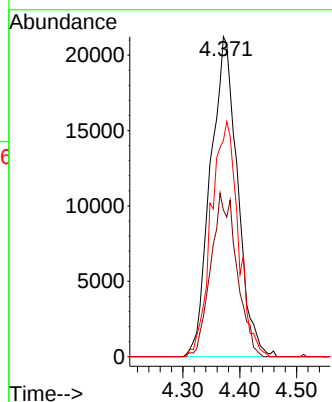
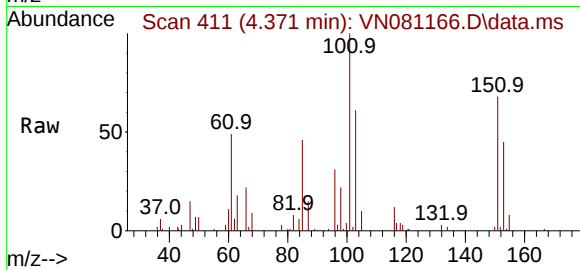
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.534 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion:101 Resp: 70015
Ion Ratio Lower Upper
101 100
85 49.4 38.1 57.1
151 73.8 49.1 73.7

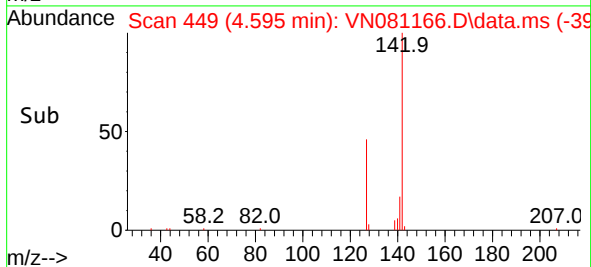
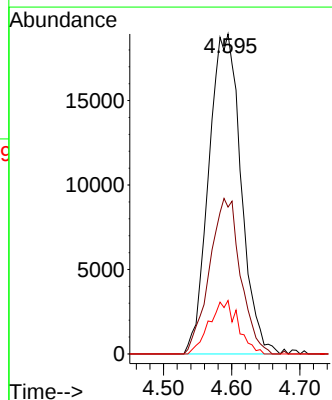
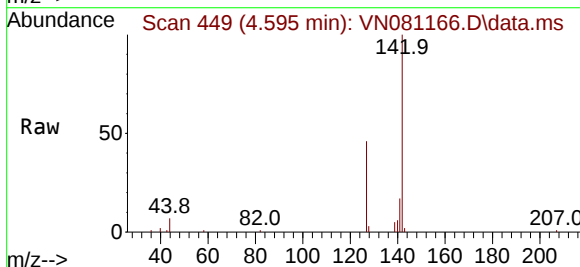
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 16.384 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

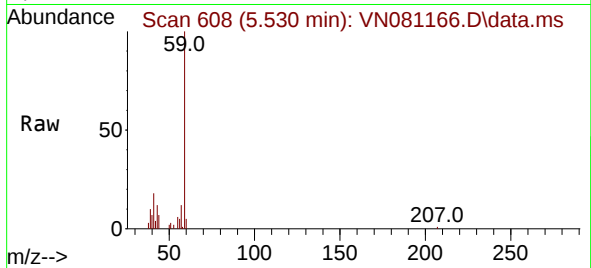
Tgt Ion:142 Resp: 62355
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.4
141 16.7 12.5 18.7





#11
Tert butyl alcohol
Concen: 115.963 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

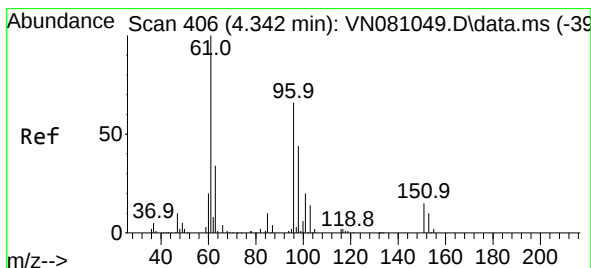
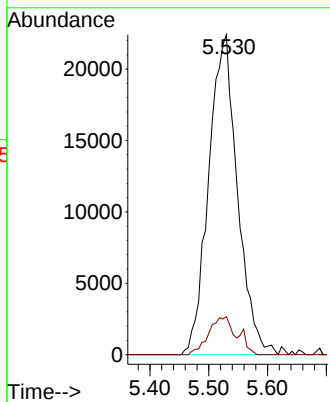
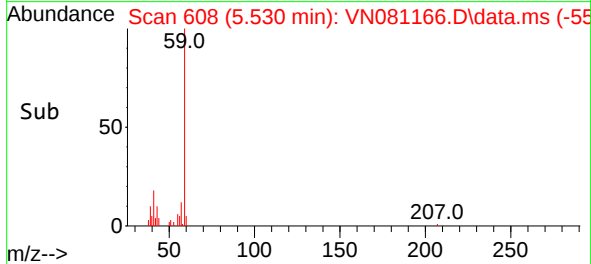
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 59 Resp: 7618
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8

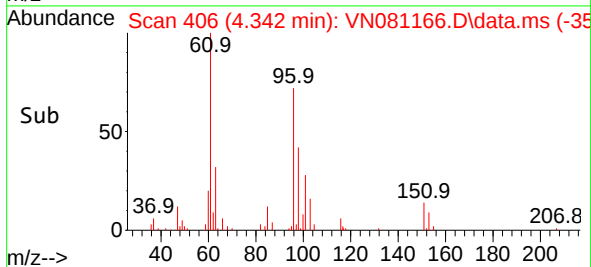
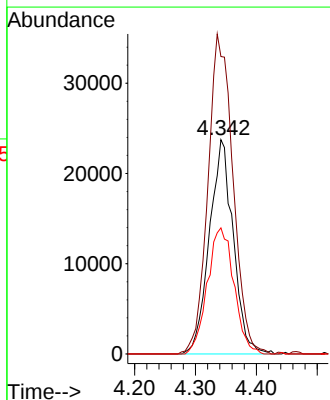
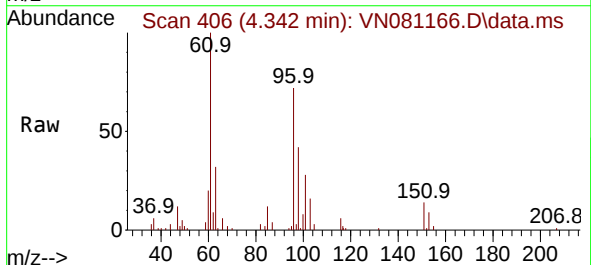
Manual Integrations
APPROVED

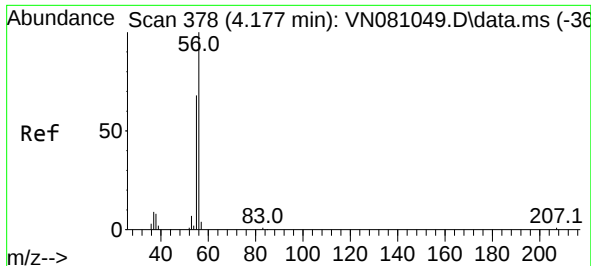
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
1,1-Dichloroethene
Concen: 19.593 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

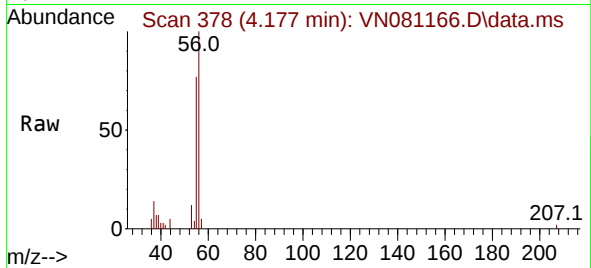
Tgt Ion: 96 Resp: 64579
Ion Ratio Lower Upper
96 100
61 138.8 138.2 207.4
98 58.8 49.2 73.8





#13
Acrolein
Concen: 100.657 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

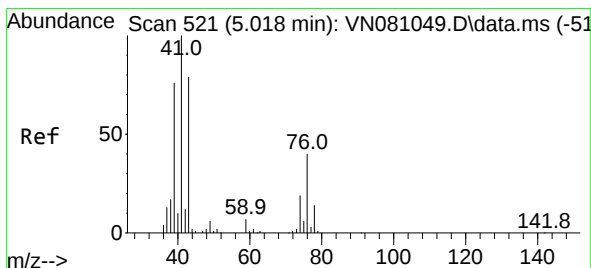
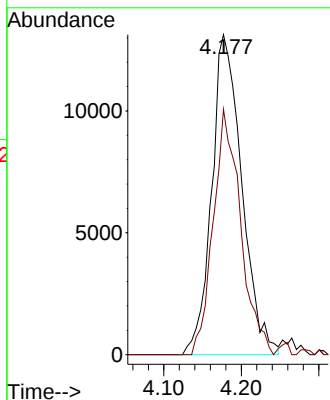
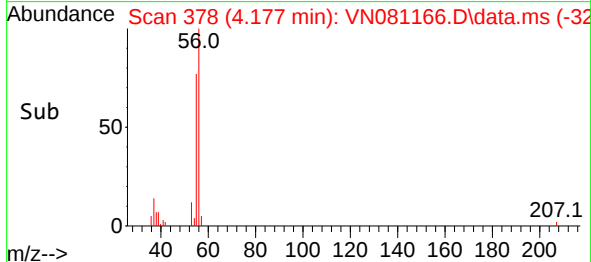
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



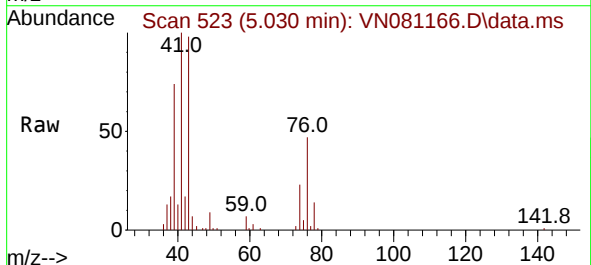
Tgt Ion: 56 Resp: 3544
Ion Ratio Lower Upper
56 100
55 69.6 55.3 82.9

Manual Integrations
APPROVED

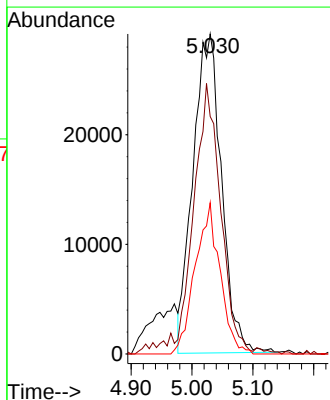
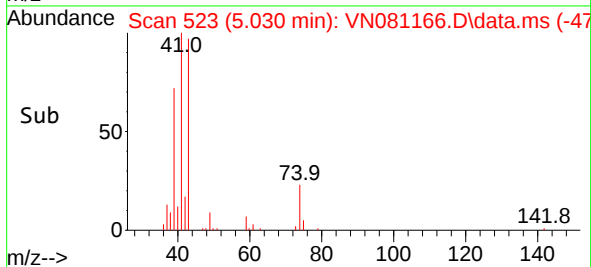
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

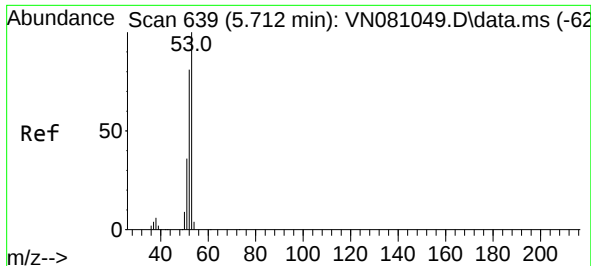


#14
Allyl chloride
Concen: 19.420 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



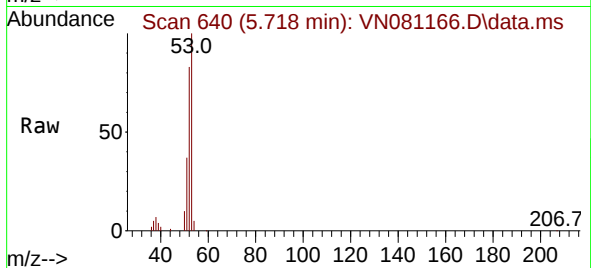
Tgt Ion: 41 Resp: 94974
Ion Ratio Lower Upper
41 100
39 80.5 57.7 86.5
76 41.2 26.8 40.2#





#15
Acrylonitrile
Concen: 117.666 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

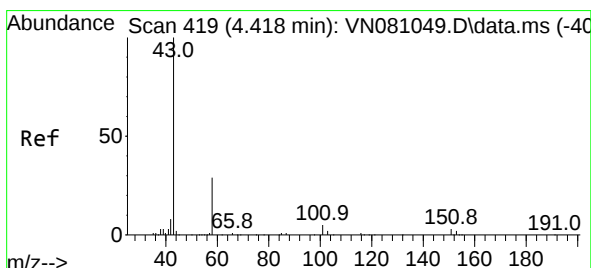
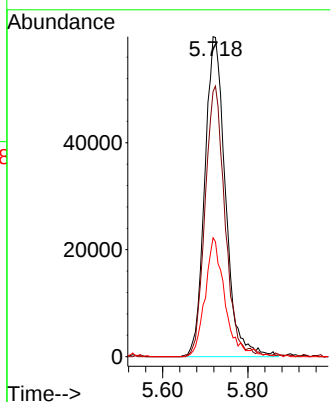
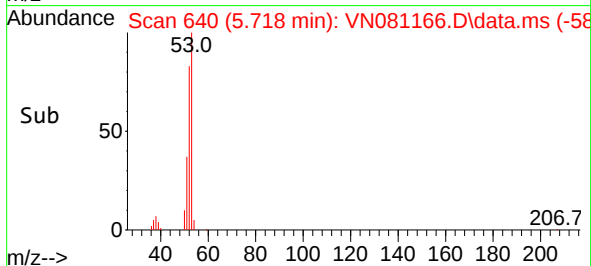
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 53 Resp: 20189
Ion Ratio Lower Upper
53 100
52 81.7 64.8 97.2
51 34.8 26.9 40.3

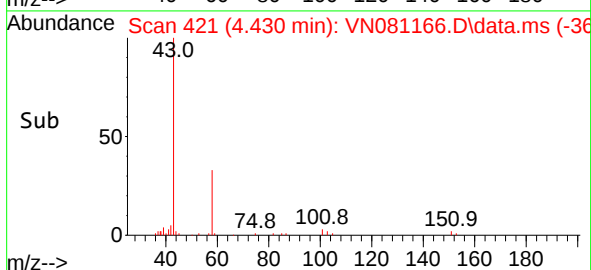
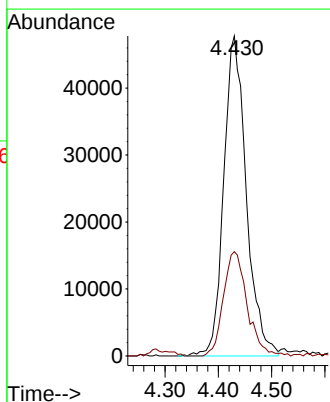
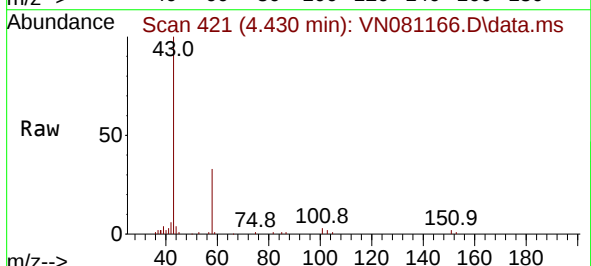
Manual Integrations
APPROVED

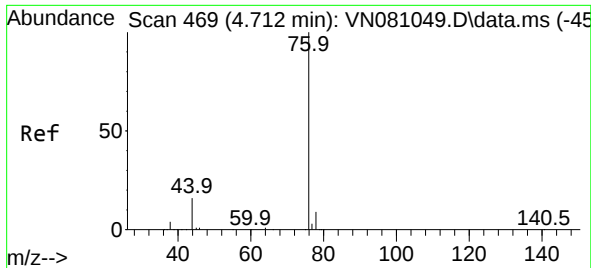
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#16
Acetone
Concen: 100.102 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 43 Resp: 140709
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2





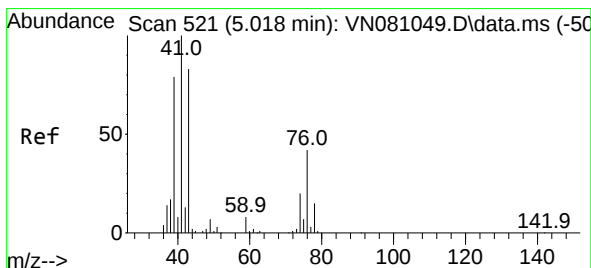
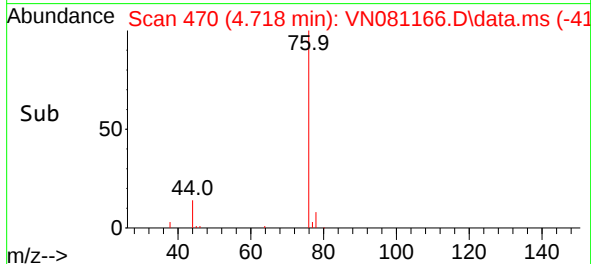
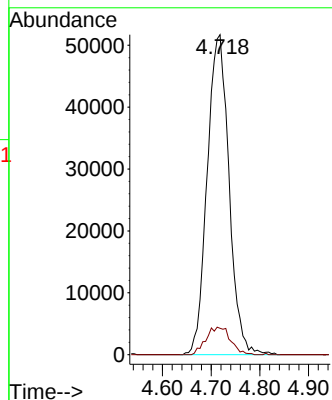
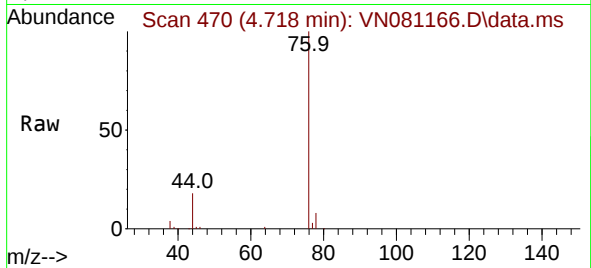
#17
Carbon Disulfide
Concen: 17.522 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 76 Resp: 16108
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5

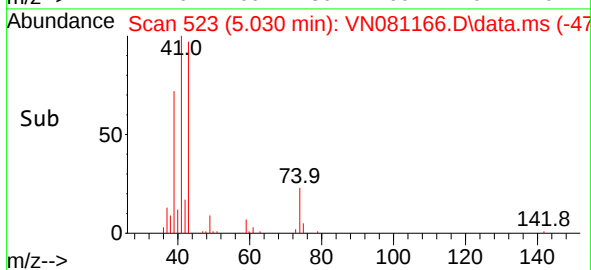
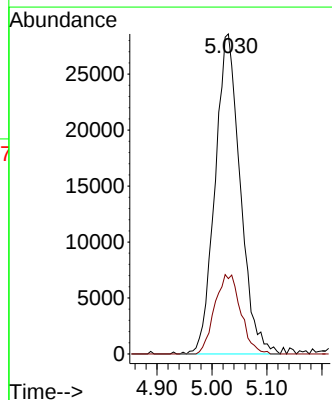
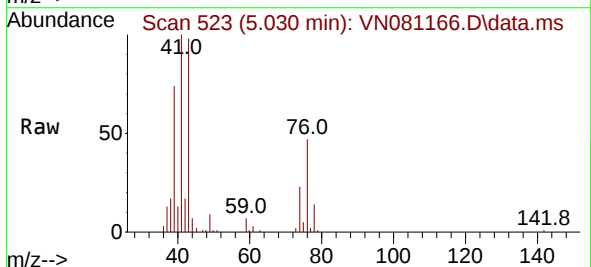
Manual Integrations
APPROVED

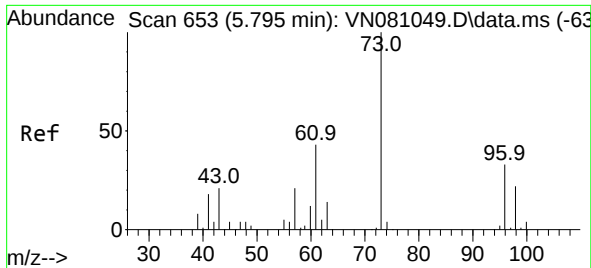
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#18
Methyl Acetate
Concen: 26.559 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 43 Resp: 91073
Ion Ratio Lower Upper
43 100
74 25.6 17.3 25.9





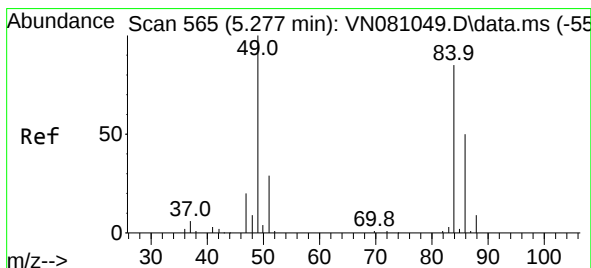
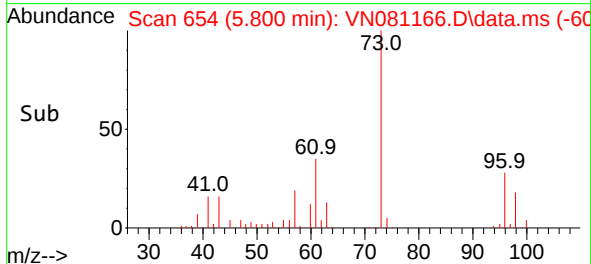
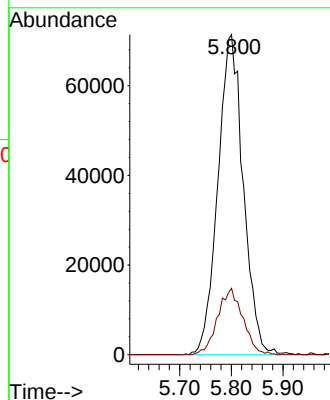
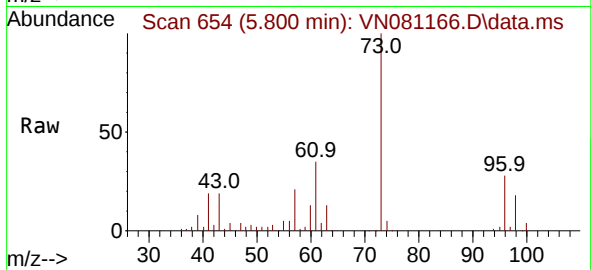
#19
Methyl tert-butyl Ether
Concen: 21.516 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 73 Resp: 242889
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4

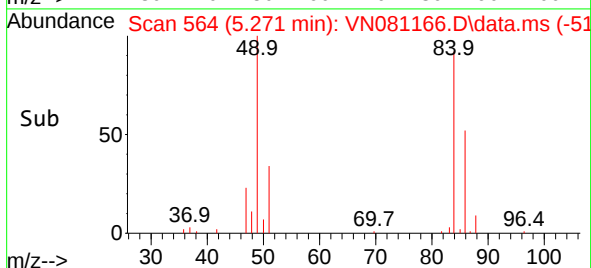
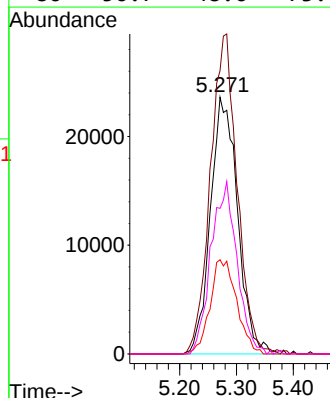
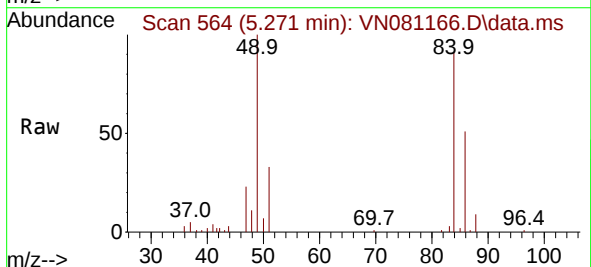
Manual Integrations
APPROVED

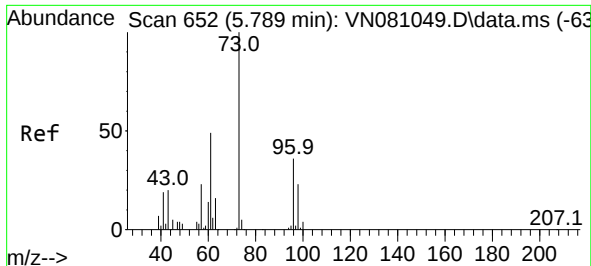
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 20.988 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

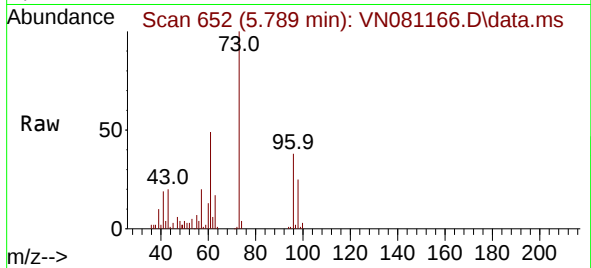
Tgt Ion: 84 Resp: 78281
Ion Ratio Lower Upper
84 100
49 110.4 108.1 162.1
51 36.7 32.9 49.3
86 56.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.275 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

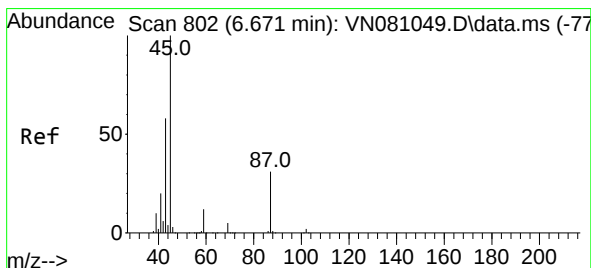
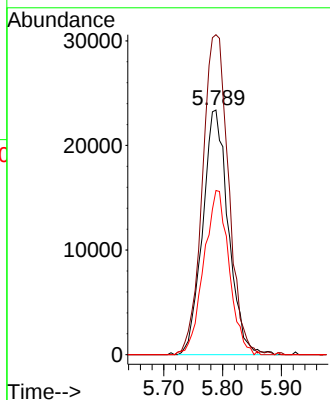
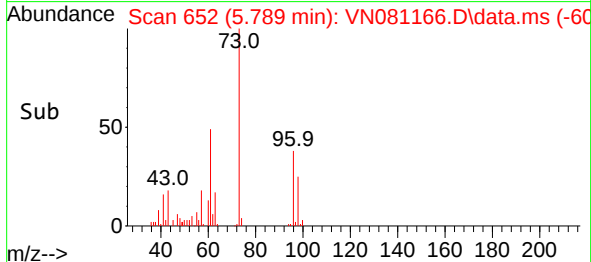
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 96 Resp: 70879
Ion Ratio Lower Upper
96 100
61 129.9 112.8 169.2
98 66.3 51.0 76.4

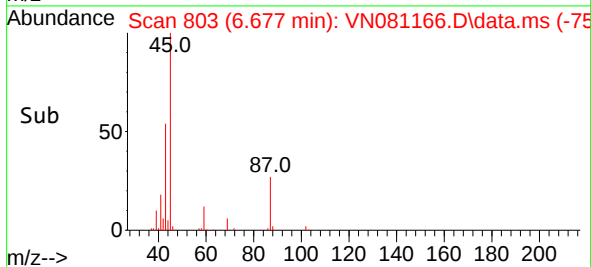
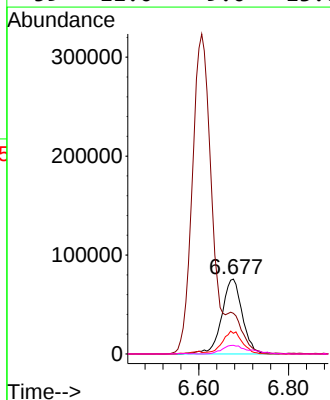
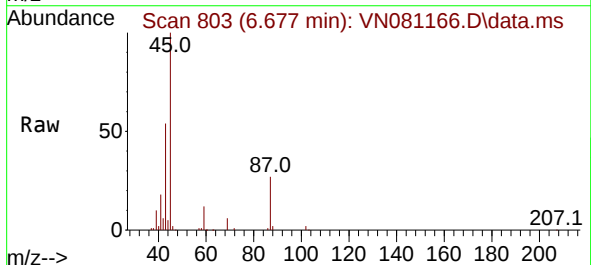
Manual Integrations
APPROVED

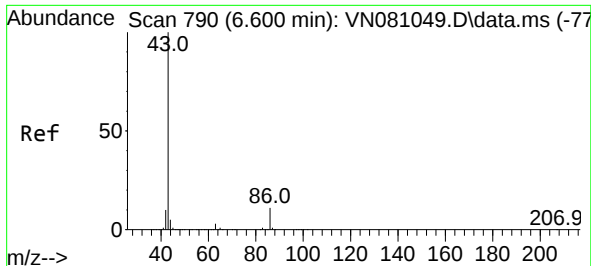
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#22
Diisopropyl ether
Concen: 21.698 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

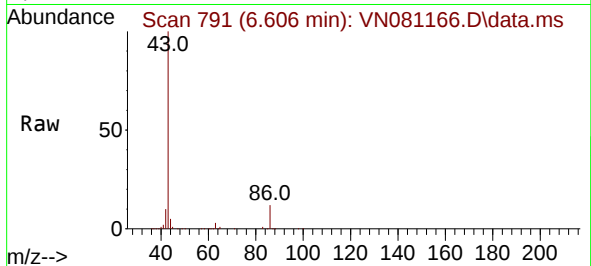
Tgt Ion: 45 Resp: 240712
Ion Ratio Lower Upper
45 100
43 53.1 41.8 62.8
87 27.5 18.1 27.1#
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 105.746 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

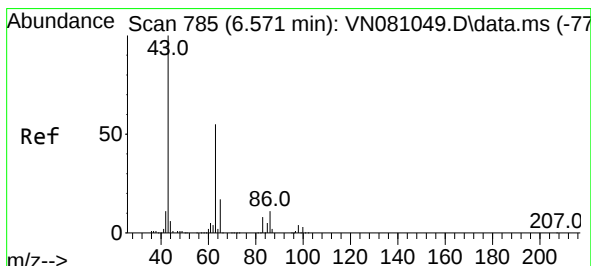
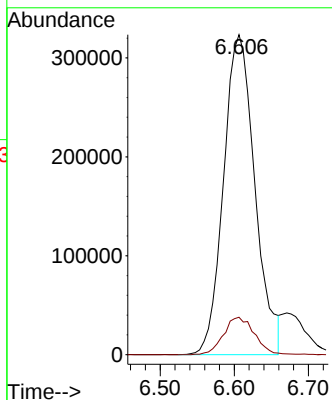
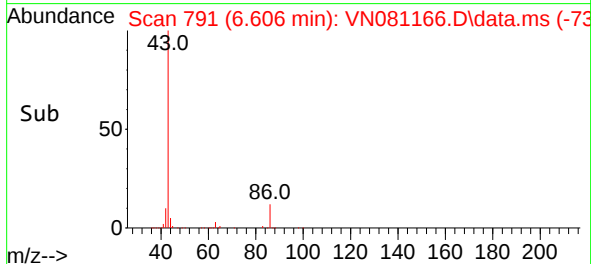
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02



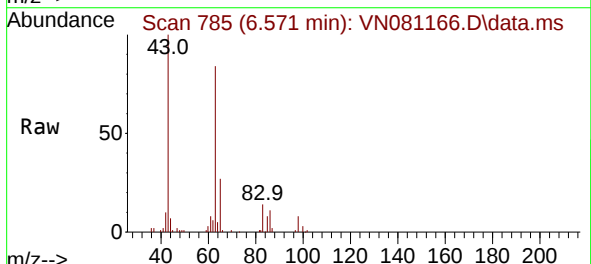
Tgt Ion: 43 Resp: 95178
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

Manual Integrations
 APPROVED

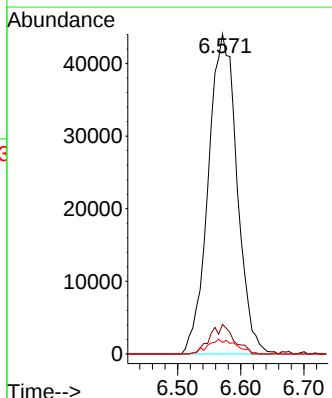
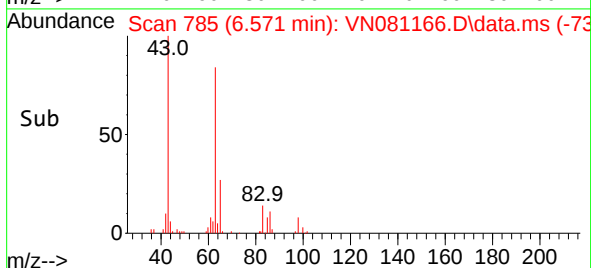
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

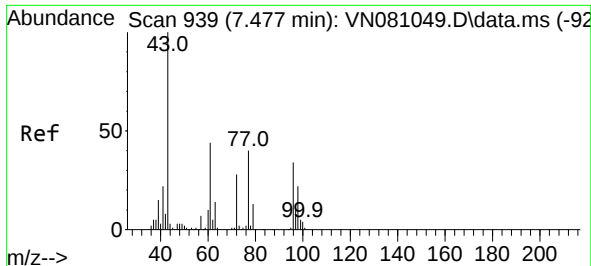


#24
 1,1-Dichloroethane
 Concen: 21.726 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08



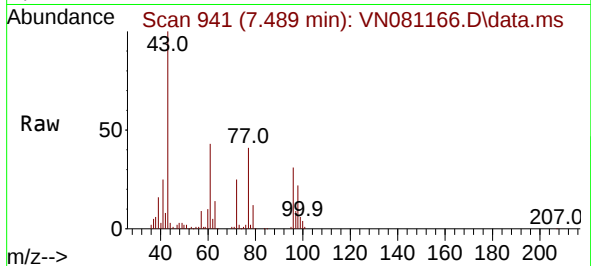
Tgt Ion: 63 Resp: 139361
 Ion Ratio Lower Upper
 63 100
 98 9.3 2.9 8.6#
 100 3.6 1.9 5.7





#25
2-Butanone
Concen: 114.191 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

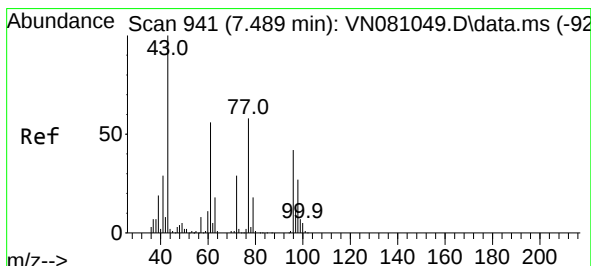
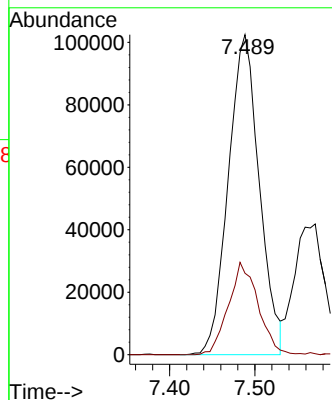
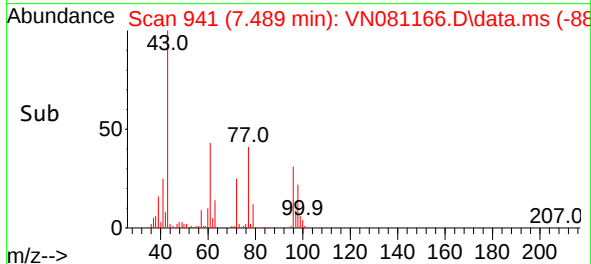
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



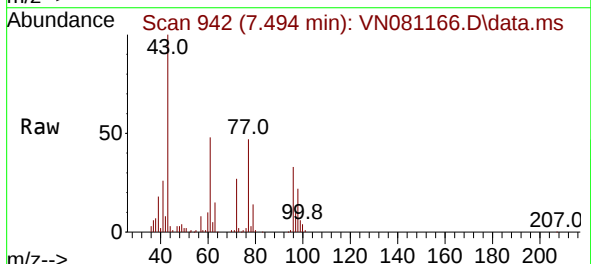
Tgt Ion: 43 Resp: 25931
Ion Ratio Lower Upper
43 100
72 25.4 19.5 29.3

Manual Integrations
APPROVED

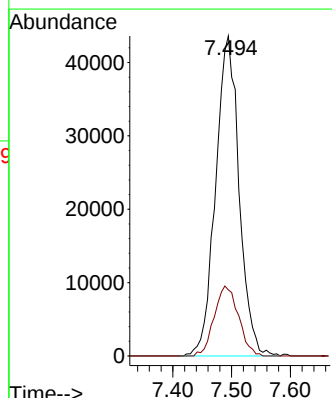
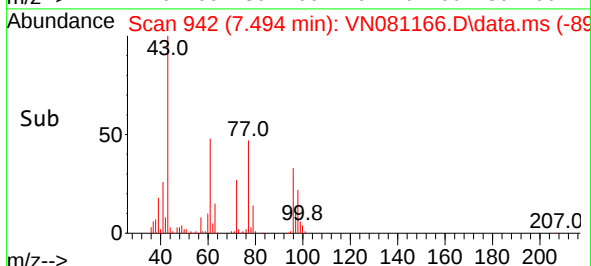
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

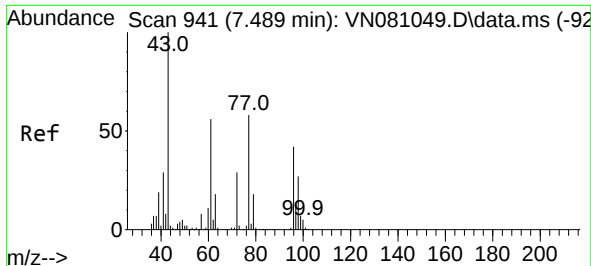


#26
2,2-Dichloropropane
Concen: 20.140 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



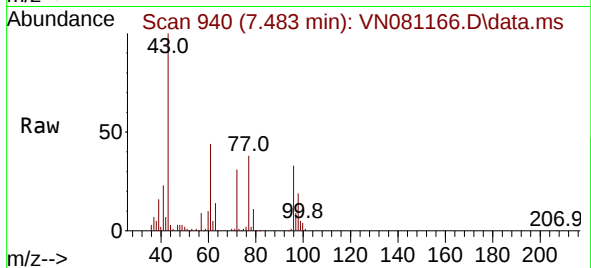
Tgt Ion: 77 Resp: 121044
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 20.564 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

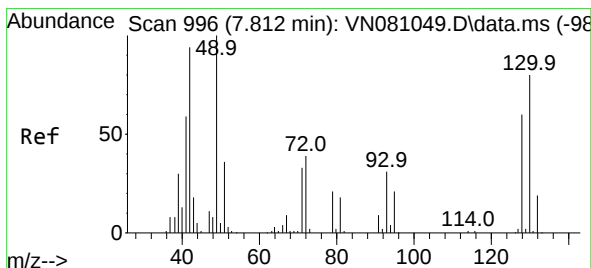
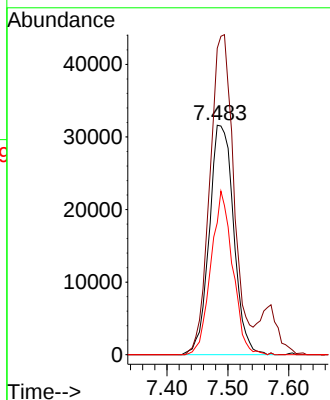
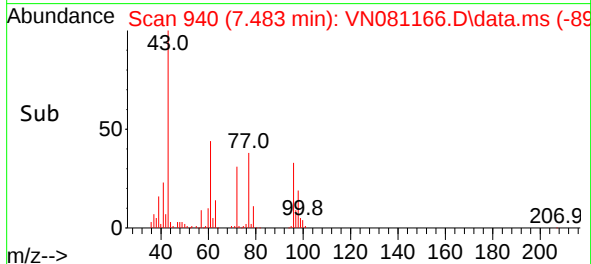
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 96 Resp: 8785
Ion Ratio Lower Upper
96 100
61 137.5 0.0 325.4
98 63.7 0.0 130.4

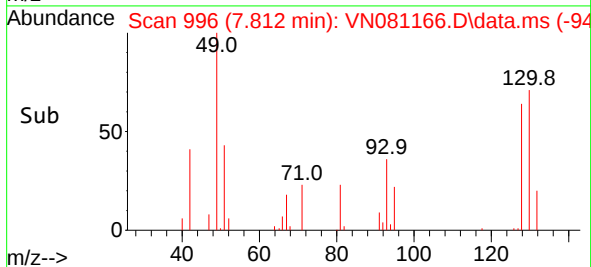
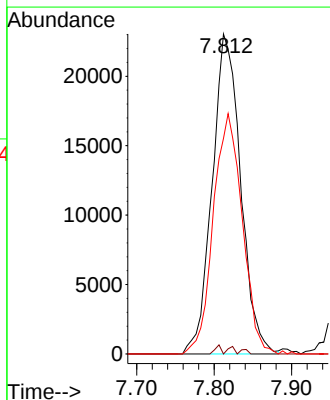
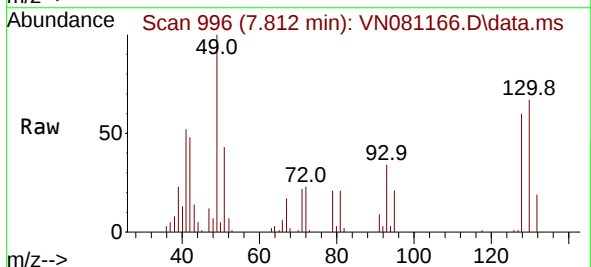
Manual Integrations
APPROVED

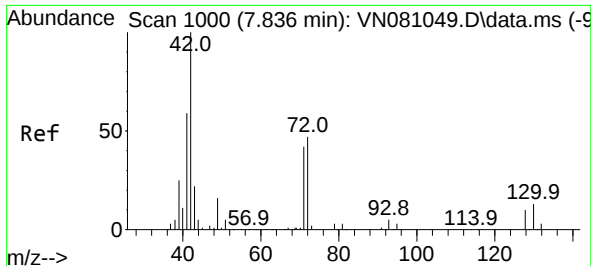
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#28
Bromochloromethane
Concen: 22.134 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 49 Resp: 58859
Ion Ratio Lower Upper
49 100
129 0.5 0.0 1.6
130 76.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 118.144 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

Tgt Ion: 42 Resp: 17909

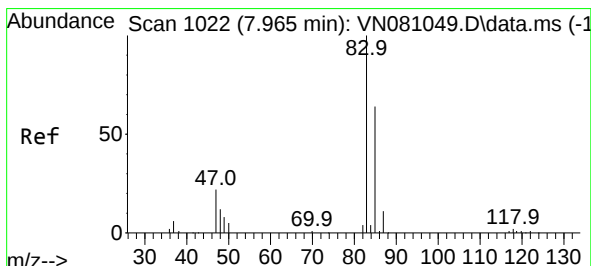
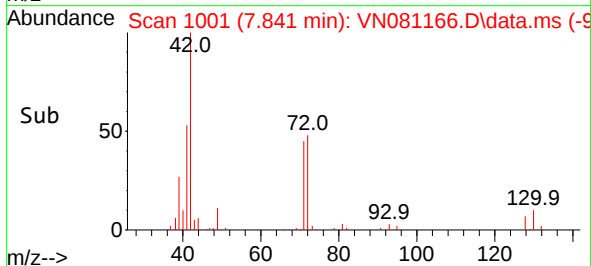
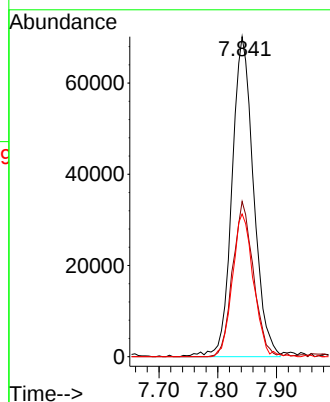
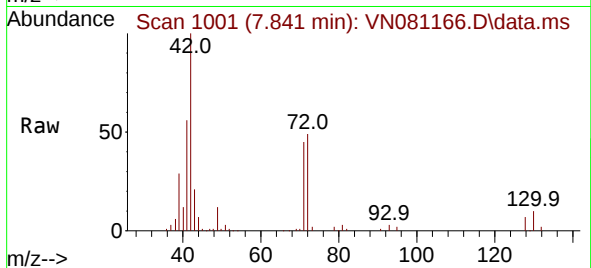
Ion	Ratio	Lower	Upper
42	100		
72	46.8	31.1	46.7
71	43.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#30

Chloroform

Concen: 21.299 ug/l

RT: 7.971 min Scan# 1023

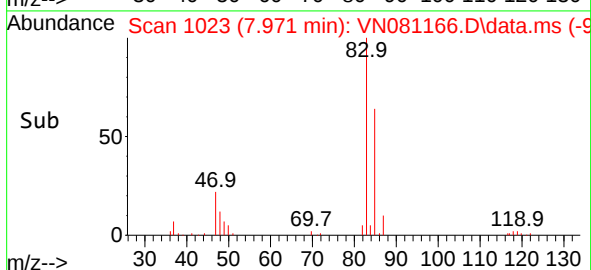
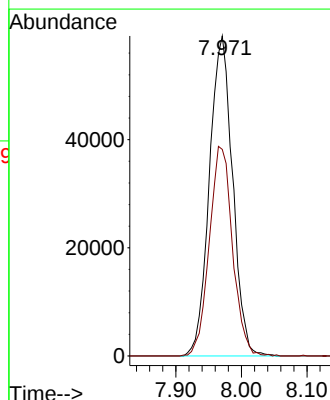
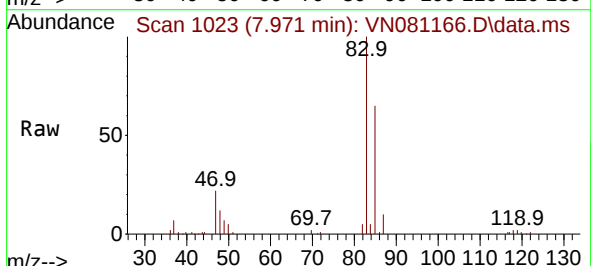
Delta R.T. 0.006 min

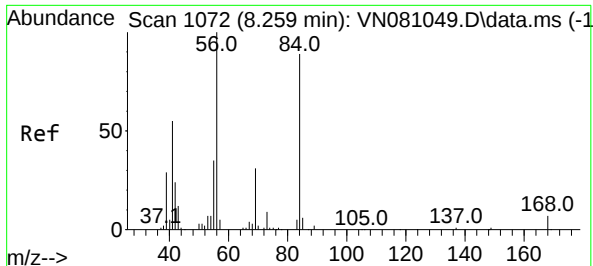
Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion: 83 Resp: 145240

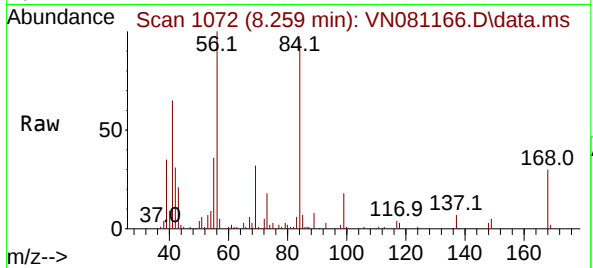
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6





#31
Cyclohexane
Concen: 19.747 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

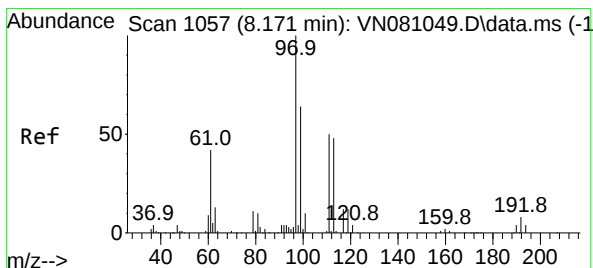
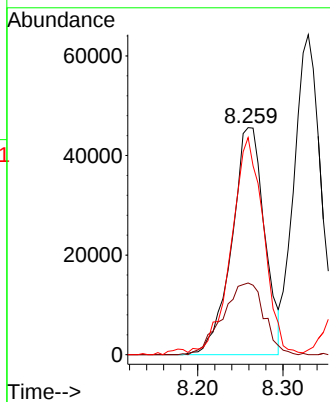
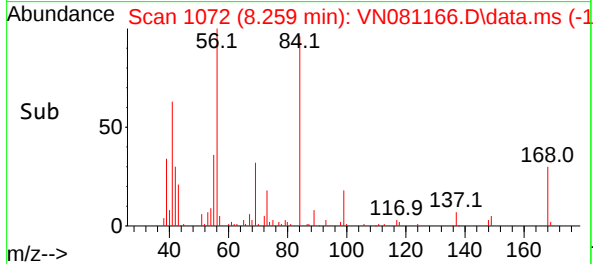
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 56 Resp: 121809
Ion Ratio Lower Upper
56 100
69 31.6 20.1 30.1
84 93.1 56.9 85.3

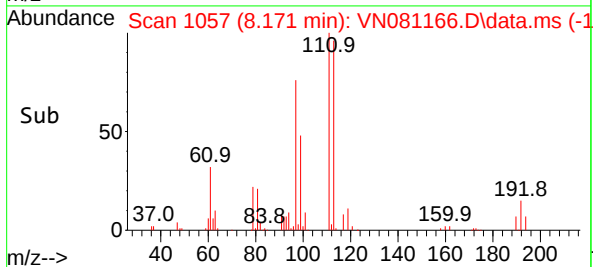
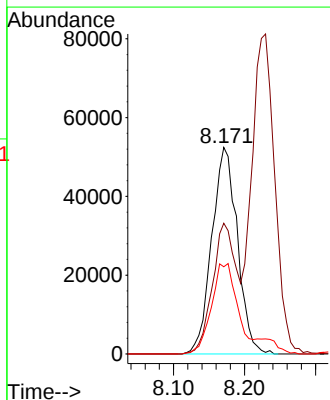
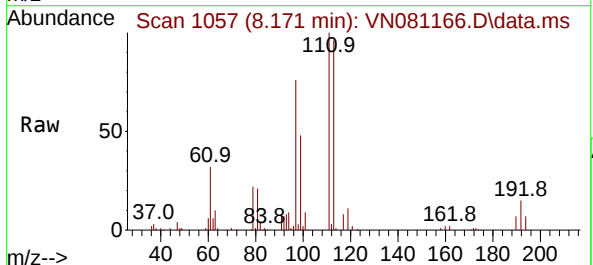
Manual Integrations
APPROVED

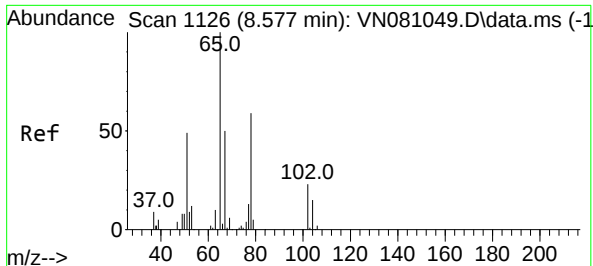
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#32
1,1,1-Trichloroethane
Concen: 21.078 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 97 Resp: 130902
Ion Ratio Lower Upper
97 100
99 58.8 53.4 80.0
61 44.6 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

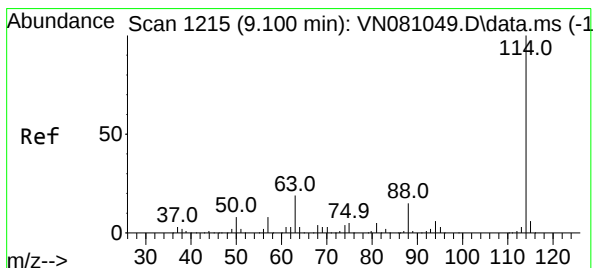
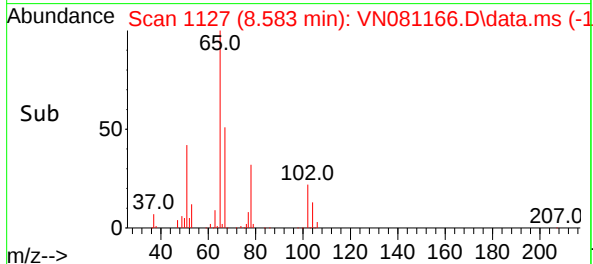
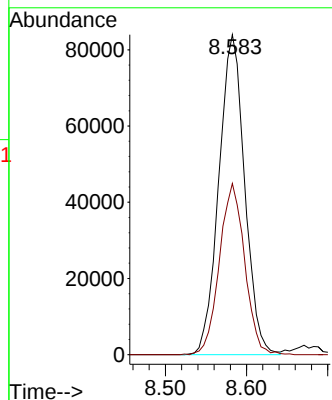
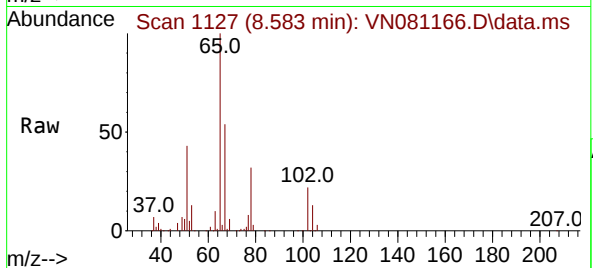
VN0223WBSD02

Tgt Ion: 65 Resp: 18542
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

Manual Integrations

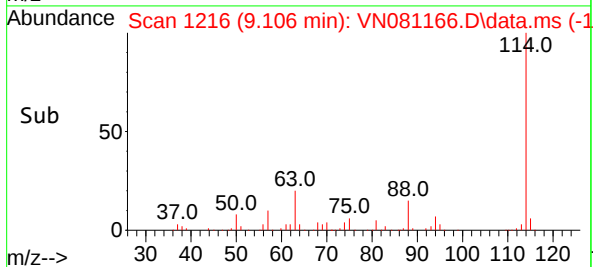
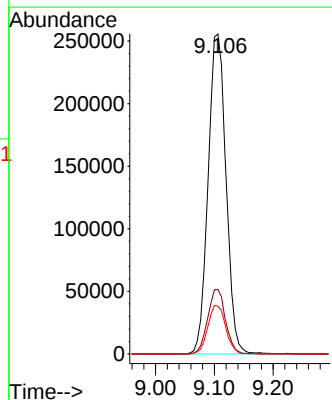
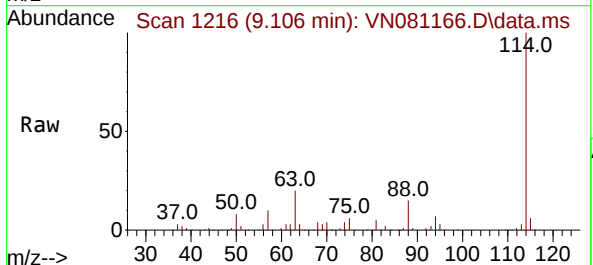
APPROVED

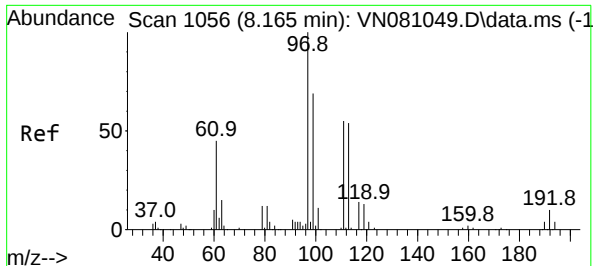
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:114 Resp: 540567
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.843 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

Tgt Ion:113 Resp: 155414

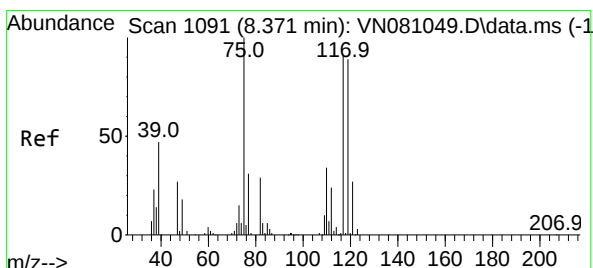
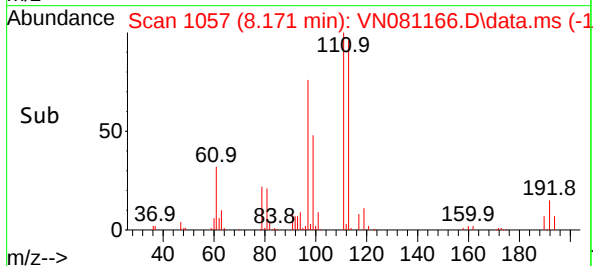
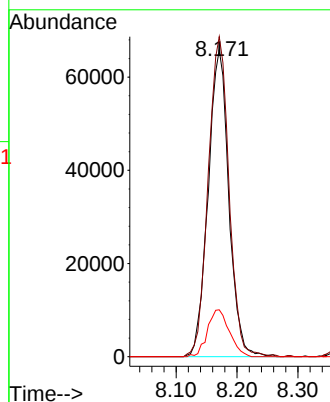
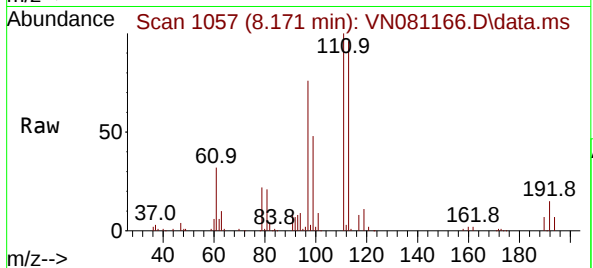
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.4
192	16.1	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#36

1,1-Dichloropropene

Concen: 19.565 ug/l

RT: 8.371 min Scan# 1091

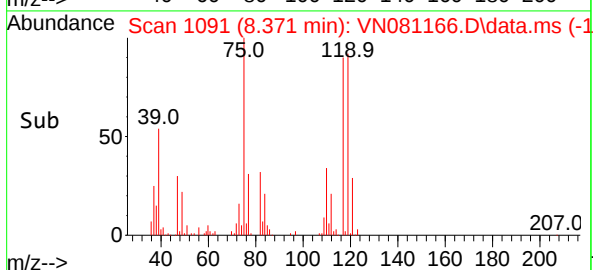
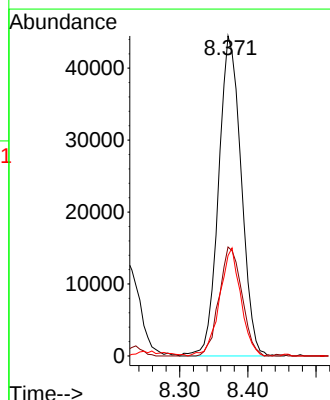
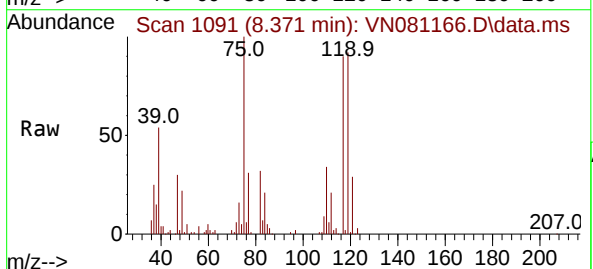
Delta R.T. -0.000 min

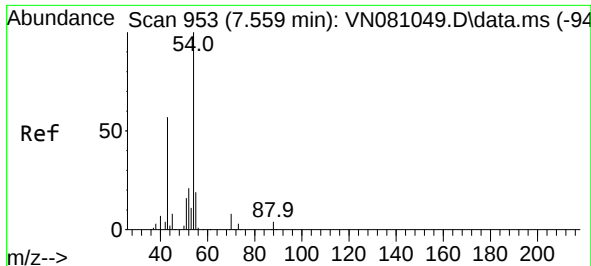
Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion: 75 Resp: 102460

Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.0	48.0
77	31.8	25.8	38.6





#37

Ethyl Acetate

Concen: 23.462 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

Tgt Ion: 43 Resp: 11088

Ion Ratio Lower Upper

43 100

61 13.3 10.6 15.8

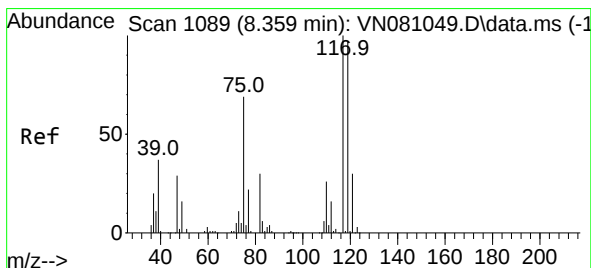
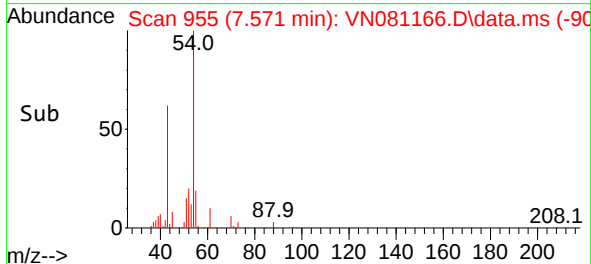
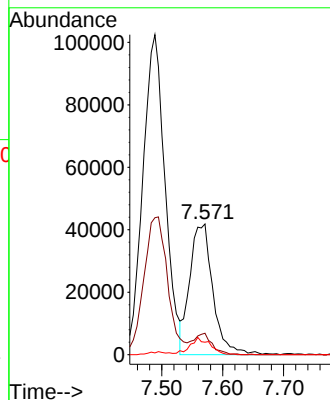
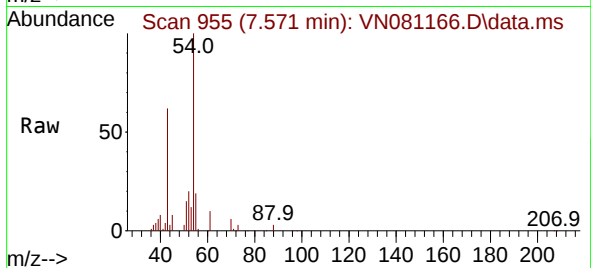
70 11.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#38

Carbon Tetrachloride

Concen: 20.318 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

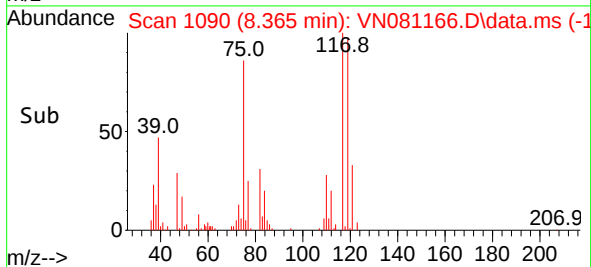
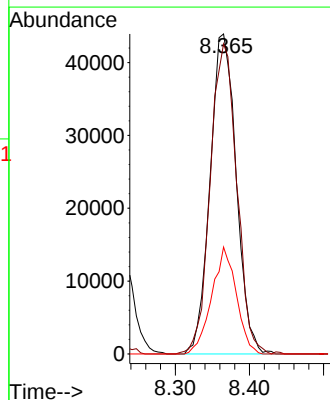
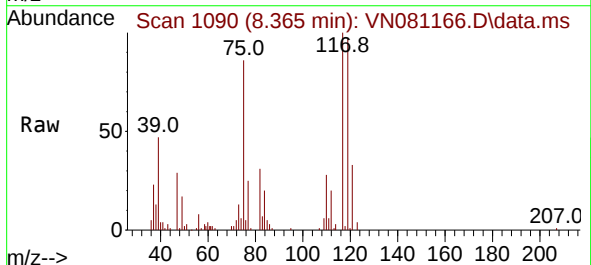
Tgt Ion:117 Resp: 107652

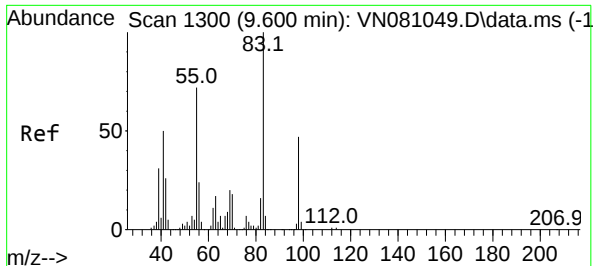
Ion Ratio Lower Upper

117 100

119 96.4 73.4 110.2

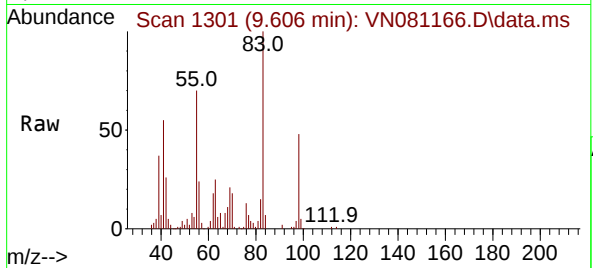
121 33.4 24.4 36.6





#39
Methylcyclohexane
Concen: 19.596 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

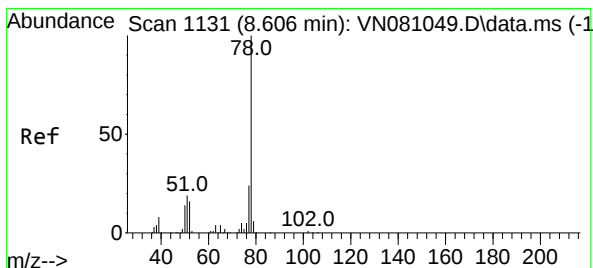
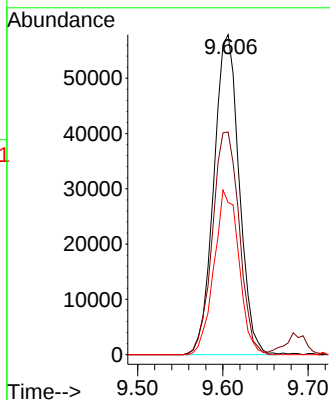
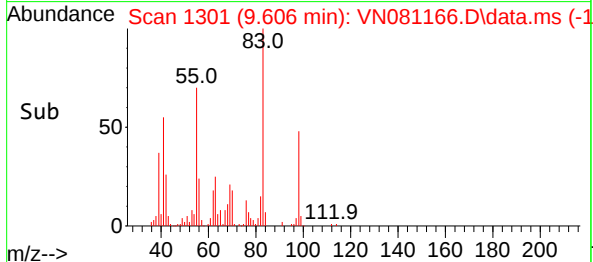
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 83 Resp: 119630
Ion Ratio Lower Upper
83 100
55 69.6 65.7 98.5
98 47.6 33.8 50.6

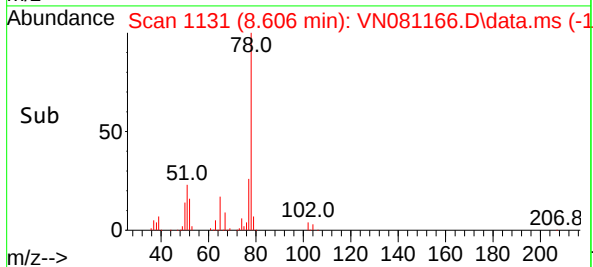
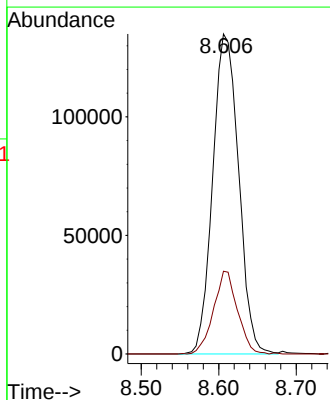
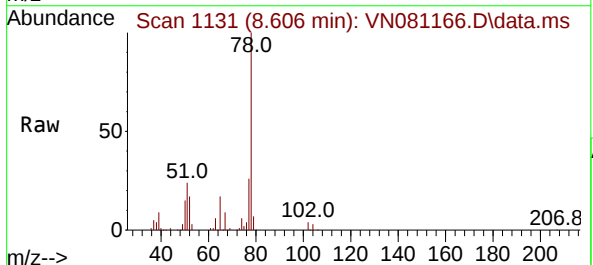
Manual Integrations
APPROVED

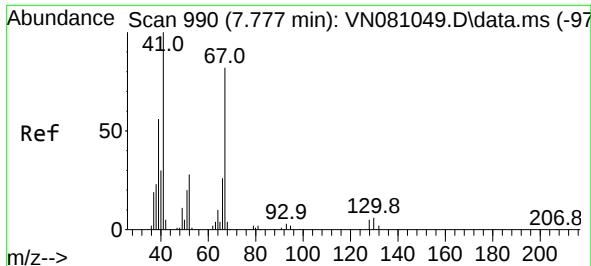
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#40
Benzene
Concen: 20.736 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 78 Resp: 314319
Ion Ratio Lower Upper
78 100
77 25.8 20.4 30.6





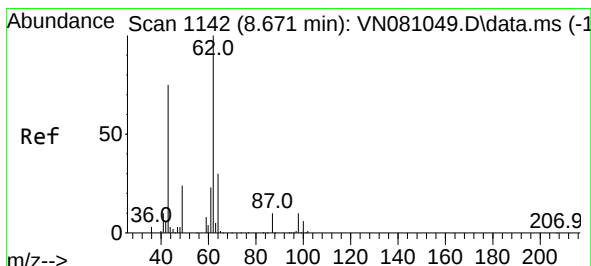
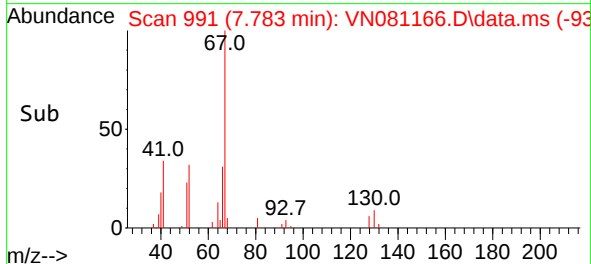
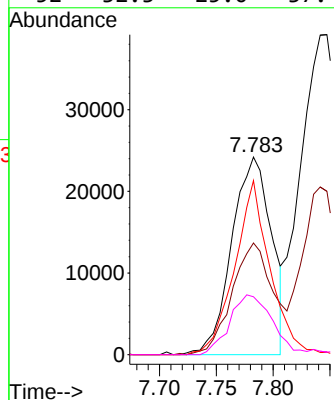
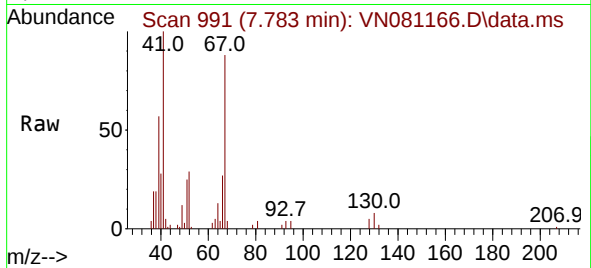
#41
Methacrylonitrile
Concen: 21.862 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 41 Resp: 58800
Ion Ratio Lower Upper
41 100
39 59.2 48.4 72.6
67 78.6 56.8 85.2
52 32.3 25.0 37.4

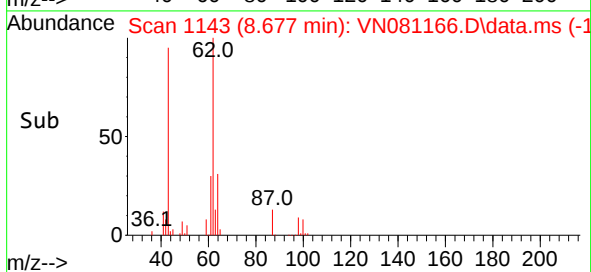
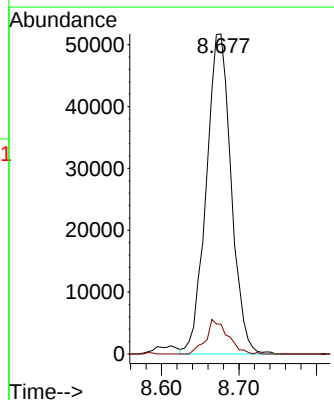
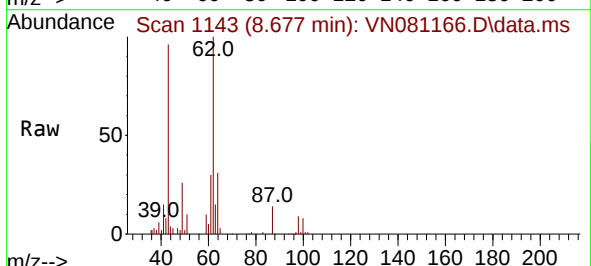
Manual Integrations
APPROVED

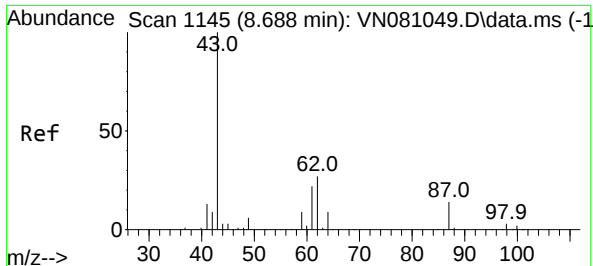
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 21.851 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 62 Resp: 115556
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 23.086 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

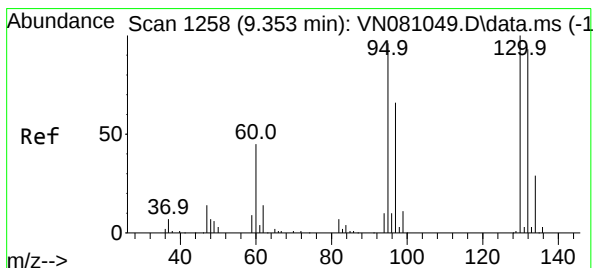
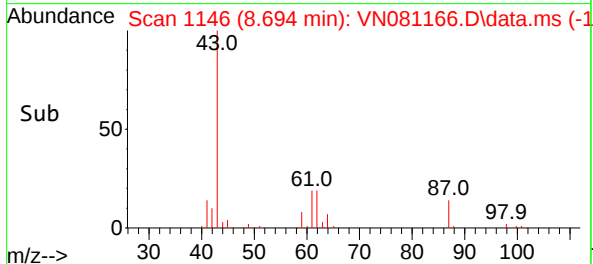
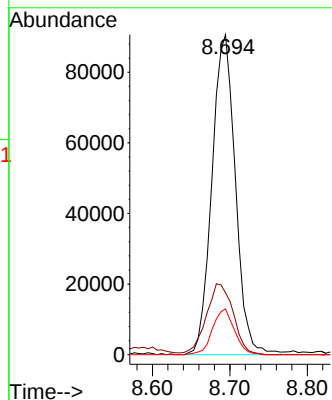
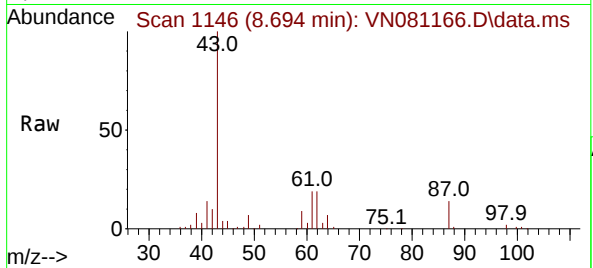
Tgt Ion: 43	Resp: 190829
Ion Ratio	Lower Upper
43	100
61	25.6 19.9 29.9
87	13.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#44

Trichloroethene

Concen: 19.986 ug/l

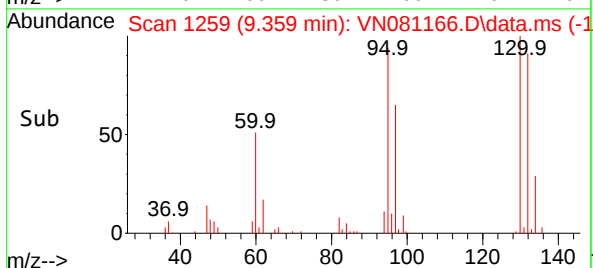
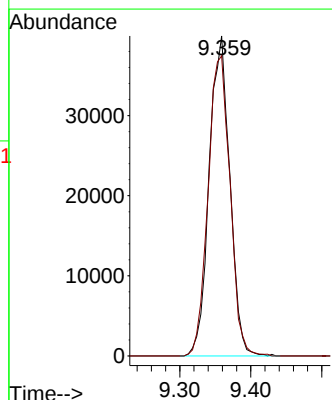
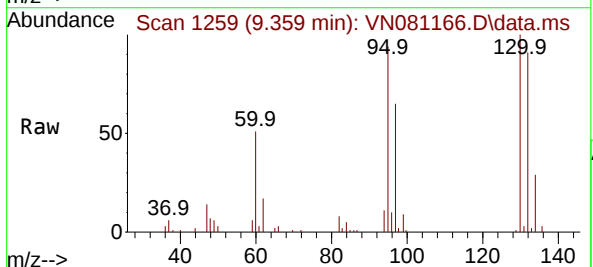
RT: 9.359 min Scan# 1259

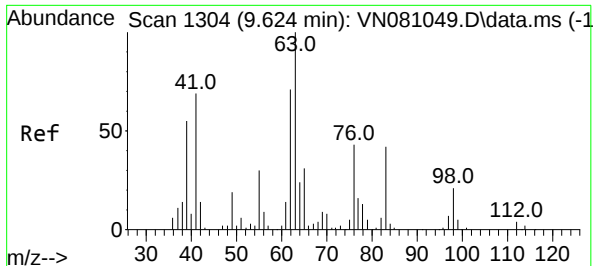
Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion:130	Resp: 80689
Ion Ratio	Lower Upper
130	100
95	93.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.881 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

Tgt Ion: 63 Resp: 7917

Ion Ratio Lower Upper

63 100

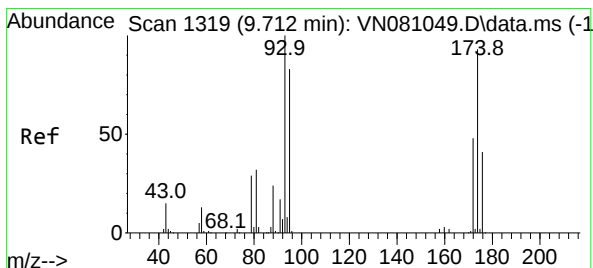
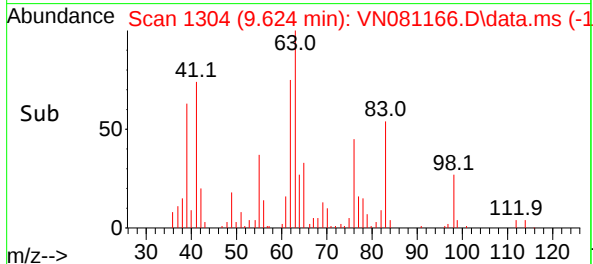
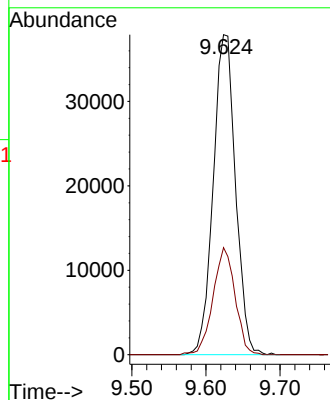
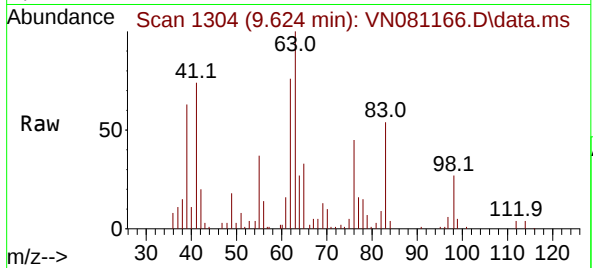
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#46

Dibromomethane

Concen: 20.341 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

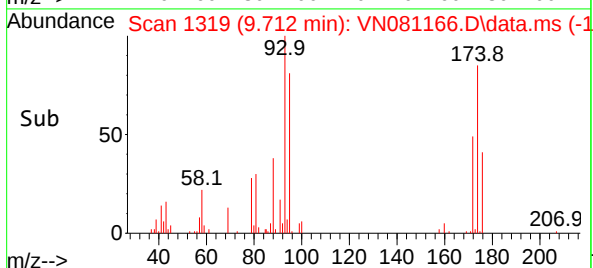
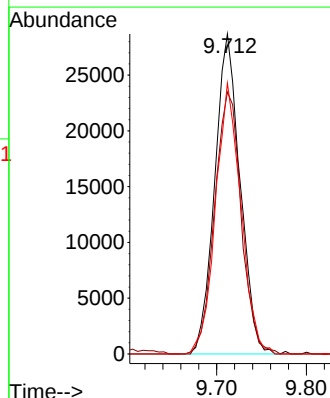
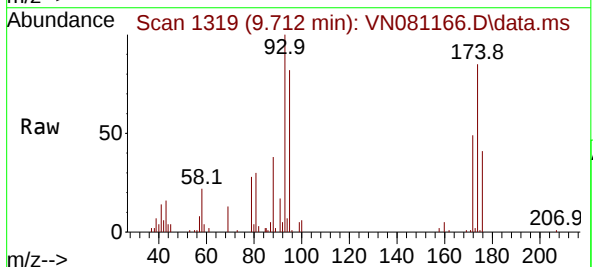
Tgt Ion: 93 Resp: 56196

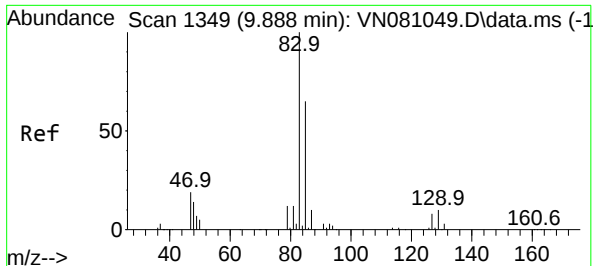
Ion Ratio Lower Upper

93 100

95 85.9 68.1 102.1

174 84.7 57.2 85.8





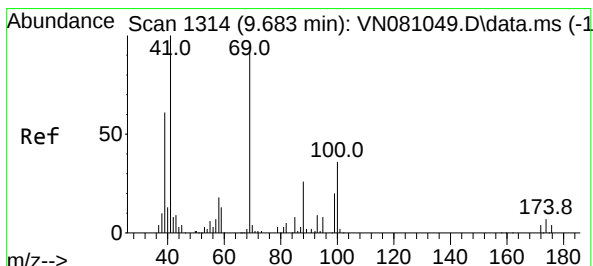
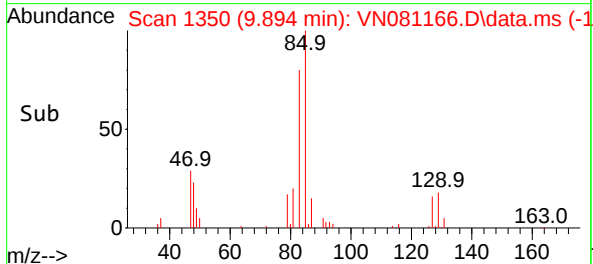
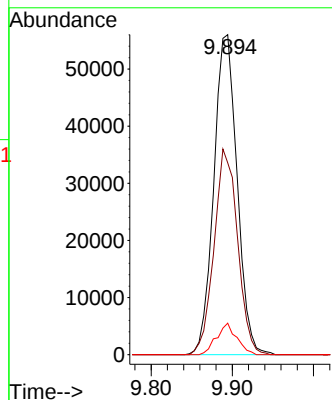
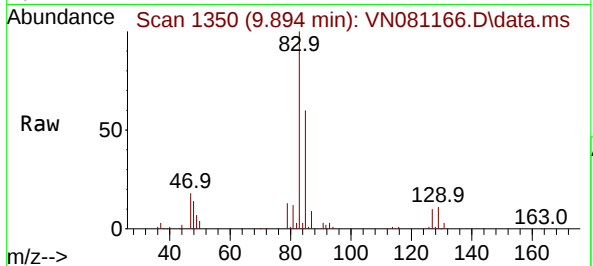
#47
Bromodichloromethane
Concen: 21.384 ug/l
RT: 9.894 min Scan# 1188
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 83 Resp: 11188
Ion Ratio Lower Upper
83 100
85 59.9 52.3 78.5
127 9.8 4.6 7.0

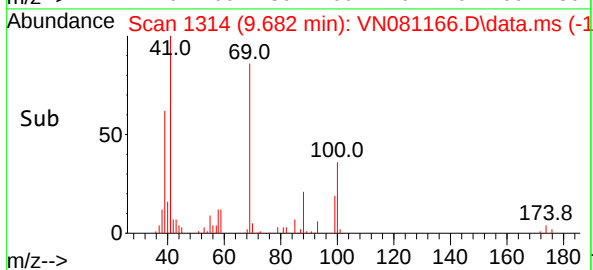
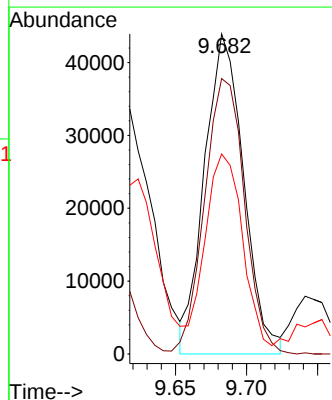
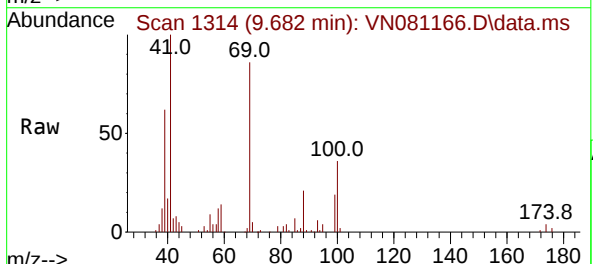
Manual Integrations
APPROVED

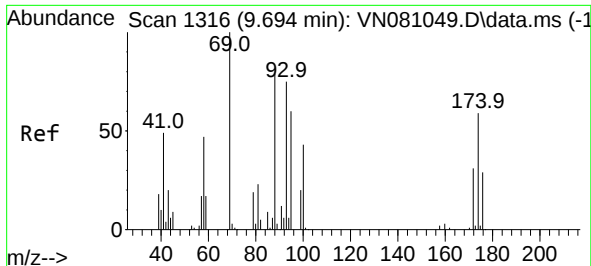
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#48
Methyl methacrylate
Concen: 21.855 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

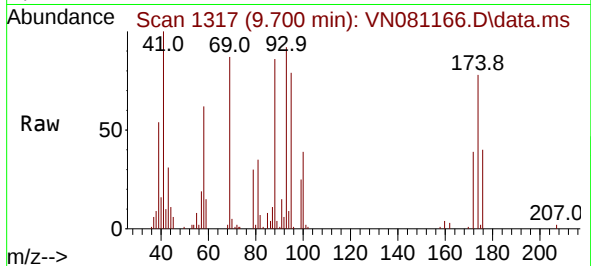
Tgt Ion: 41 Resp: 84059
Ion Ratio Lower Upper
41 100
69 87.9 62.2 93.2
39 61.7 47.6 71.4





#49
1,4-Dioxane
Concen: 517.833 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

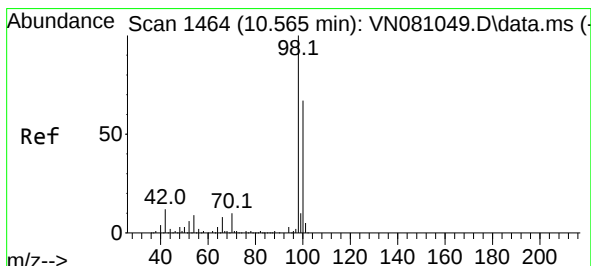
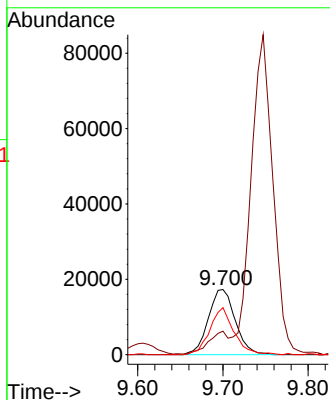
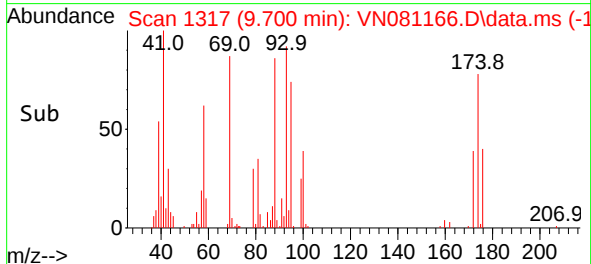
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 88 Resp: 38014
Ion Ratio Lower Upper
88 100
43 26.1 30.1 45.1
58 64.9 63.9 95.9

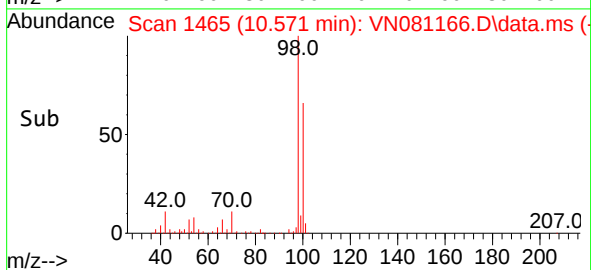
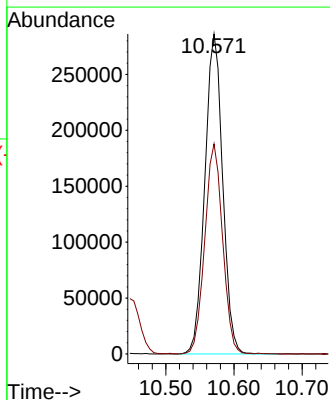
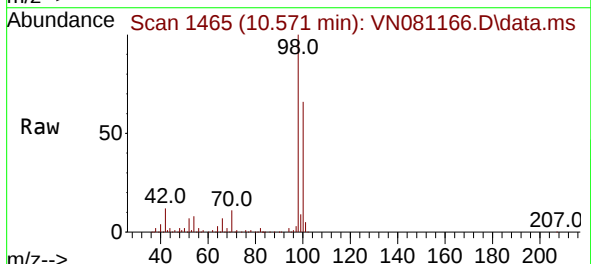
Manual Integrations
APPROVED

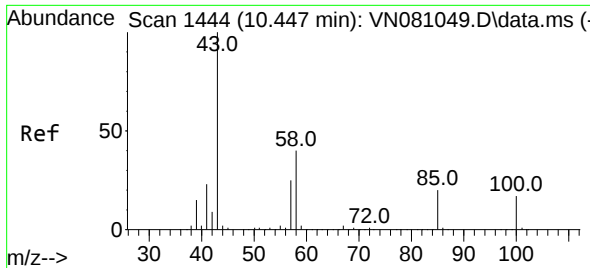
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#50
Toluene-d8
Concen: 47.979 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

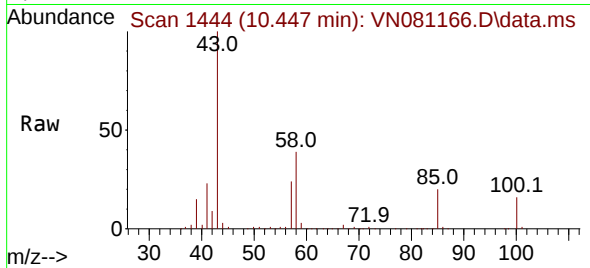
Tgt Ion: 98 Resp: 520894
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 120.287 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

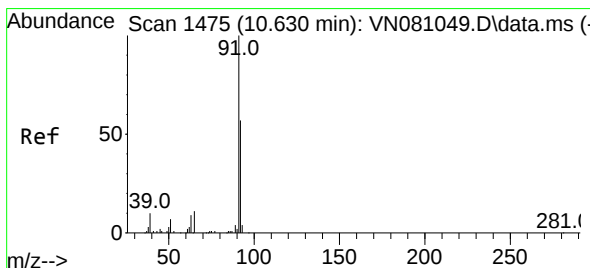
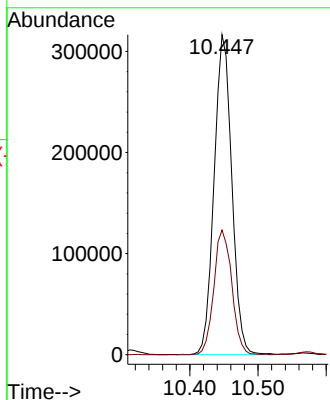
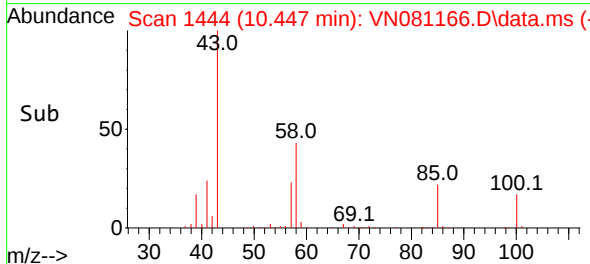
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



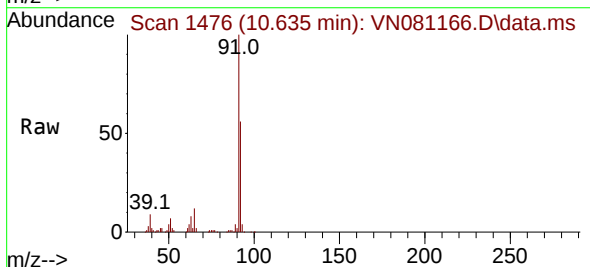
Tgt Ion: 43 Resp: 571968
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0

Manual Integrations
APPROVED

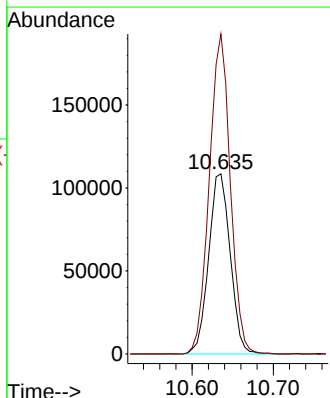
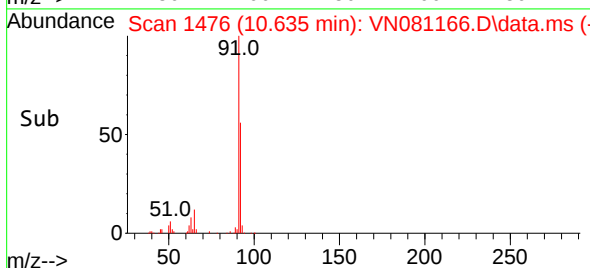
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

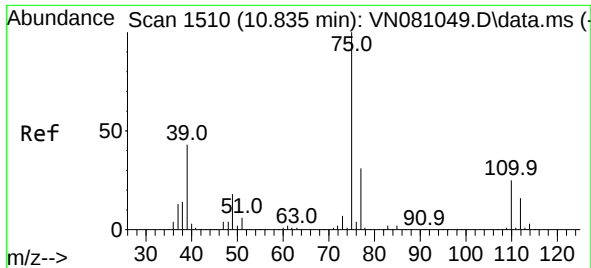


#52
Toluene
Concen: 20.869 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



Tgt Ion: 92 Resp: 200260
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.0





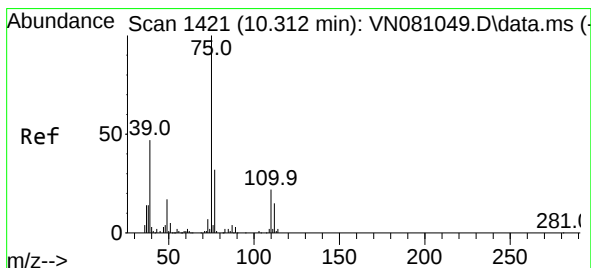
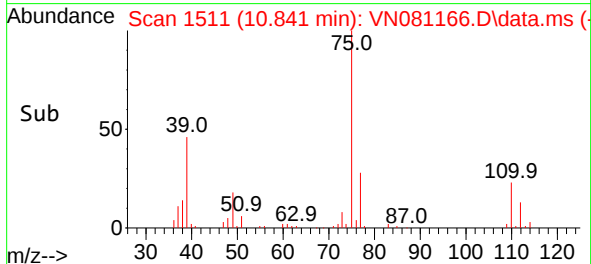
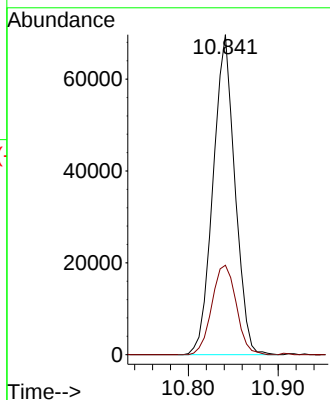
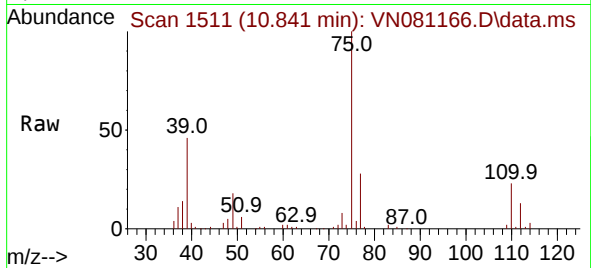
#53
t-1,3-Dichloropropene
Concen: 20.279 ug/l
RT: 10.841 min Scan# 117914
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion: 75 Resp: 117914
Ion Ratio Lower Upper
75 100
77 27.9 25.5 38.3

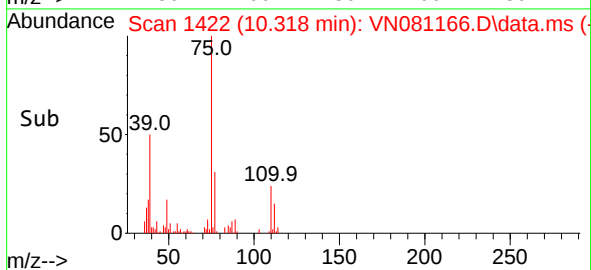
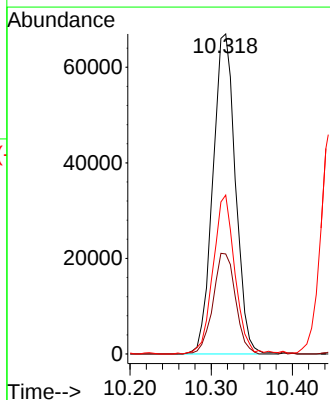
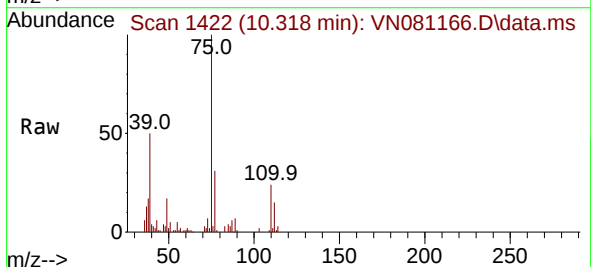
Manual Integrations
APPROVED

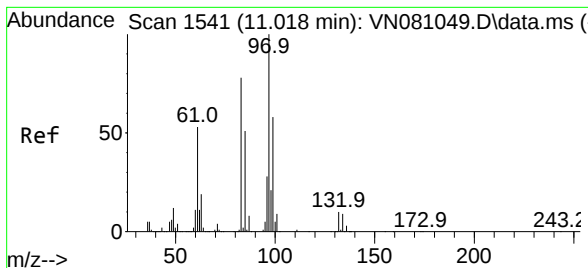
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#54
cis-1,3-Dichloropropene
Concen: 20.595 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

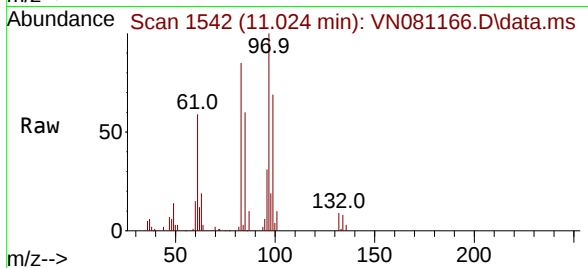
Tgt Ion: 75 Resp: 129380
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 49.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.686 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

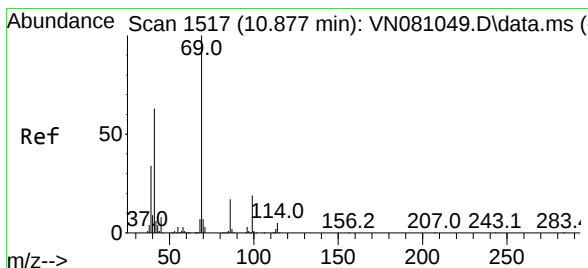
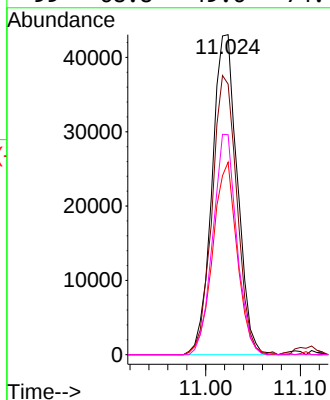
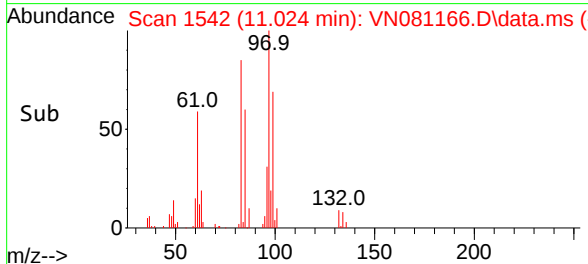
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 97 Resp: 80039
Ion Ratio Lower Upper
97 100
83 84.6 72.9 109.3
85 60.2 50.2 75.2
99 68.8 49.6 74.4

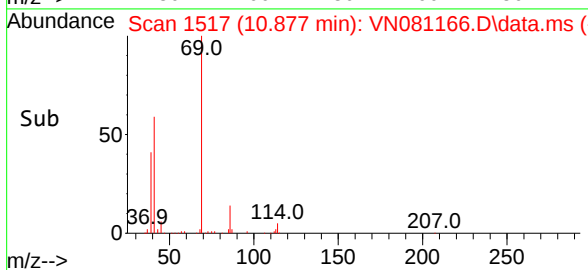
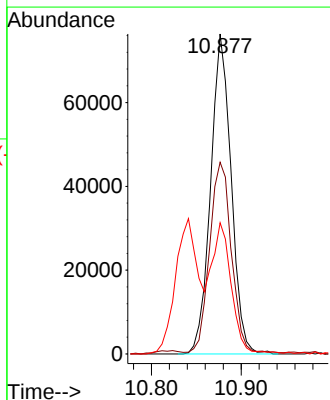
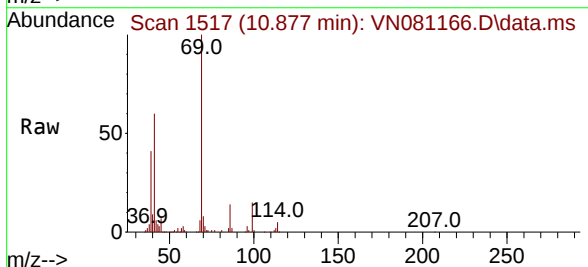
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#56
Ethyl methacrylate
Concen: 21.502 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 69 Resp: 121290
Ion Ratio Lower Upper
69 100
41 63.4 61.0 91.6
39 39.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 21.966 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

Tgt Ion: 76 Resp: 140184

Ion Ratio Lower Upper

76 100

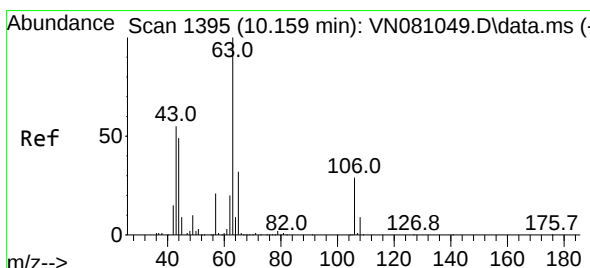
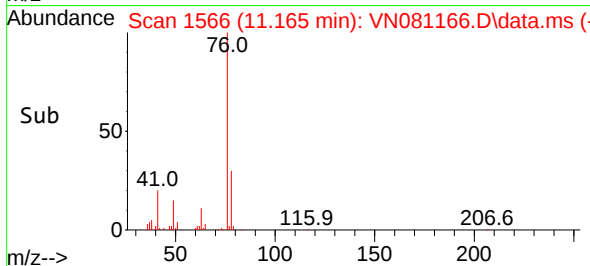
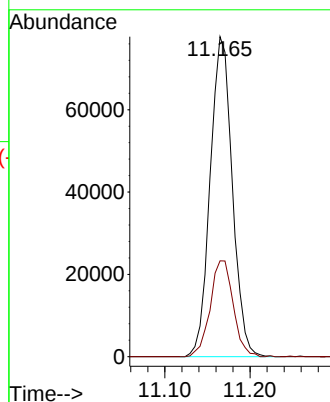
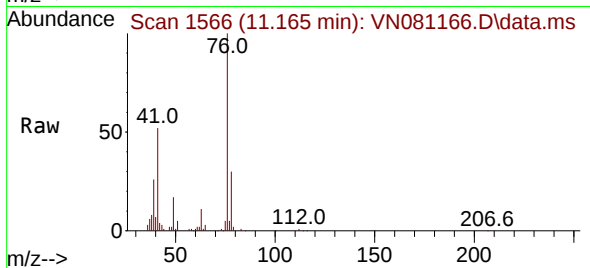
78 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.074 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081166.D

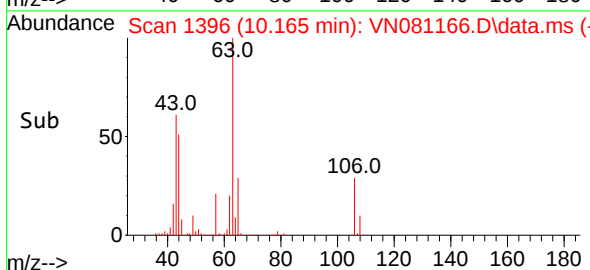
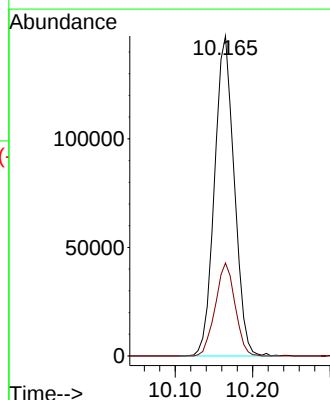
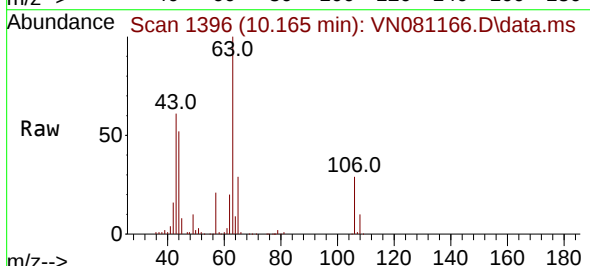
Acq: 23 Feb 2024 18:08

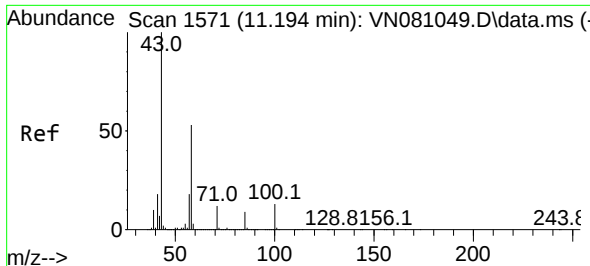
Tgt Ion: 63 Resp: 260593

Ion Ratio Lower Upper

63 100

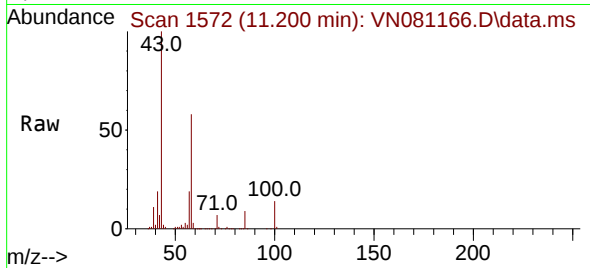
106 29.1 18.6 28.0#





#59
2-Hexanone
Concen: 114.113 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

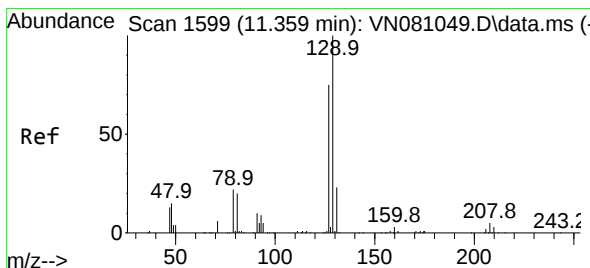
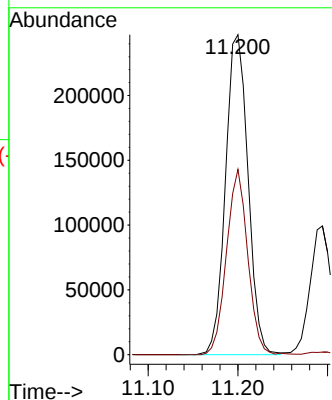
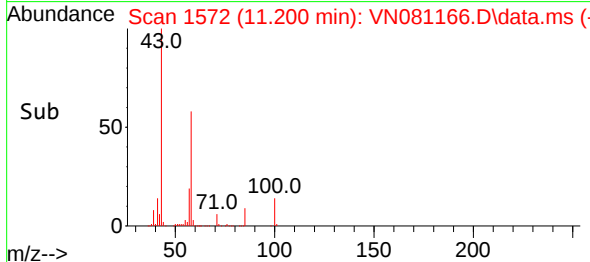
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 43 Resp: 43018
Ion Ratio Lower Upper
43 100
58 54.7 25.9 77.8

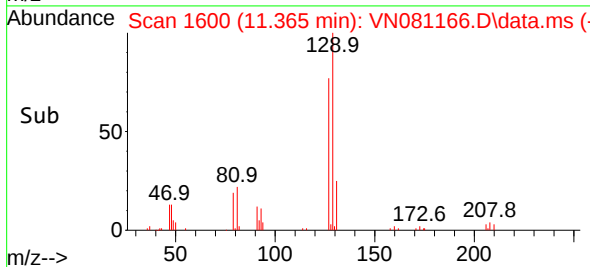
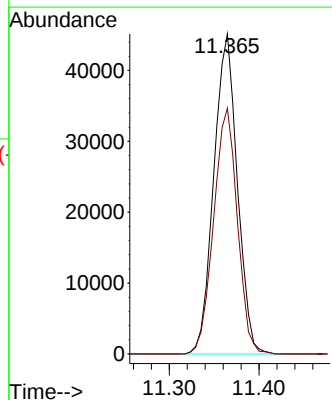
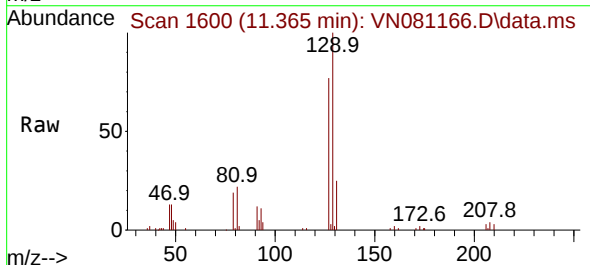
Manual Integrations
APPROVED

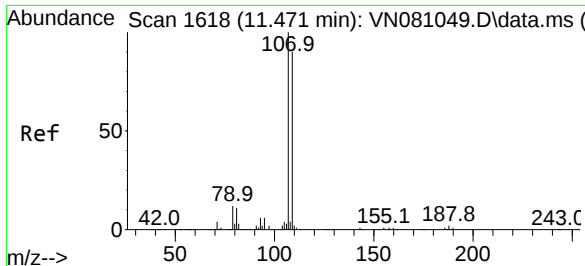
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 20.954 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion:129 Resp: 82161
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





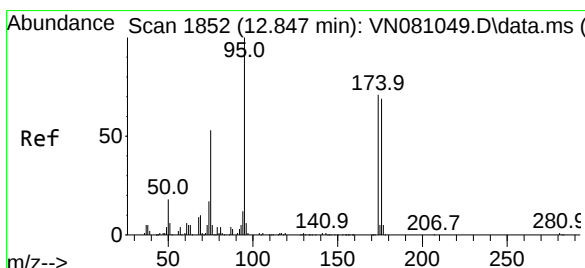
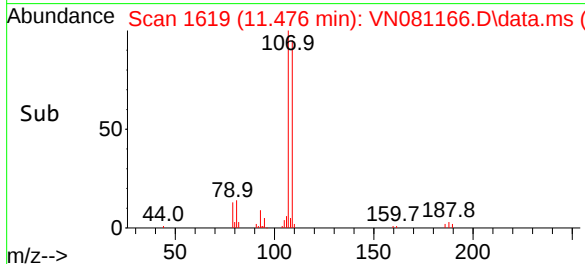
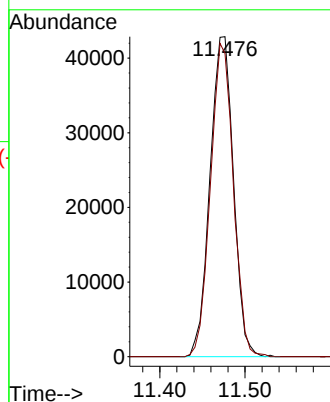
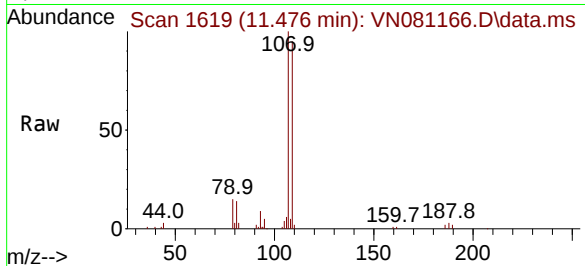
#61
1,2-Dibromoethane
Concen: 21.139 ug/l
RT: 11.476 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion:107 Resp: 82044
Ion Ratio Lower Upper
107 100
109 95.3 73.4 110.2

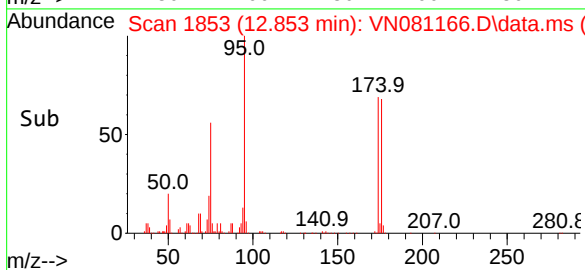
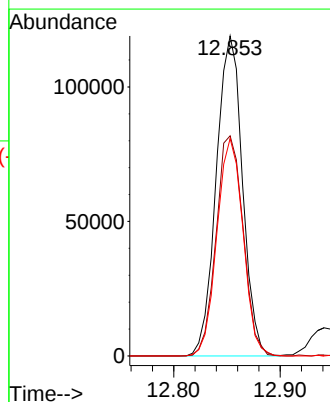
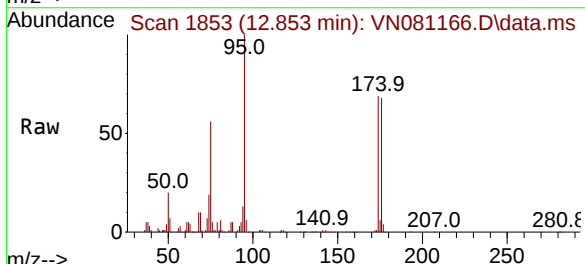
Manual Integrations
APPROVED

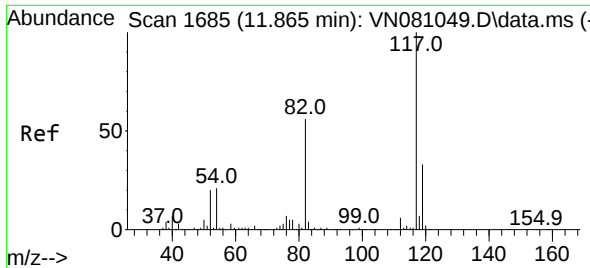
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#62
4-Bromofluorobenzene
Concen: 49.838 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

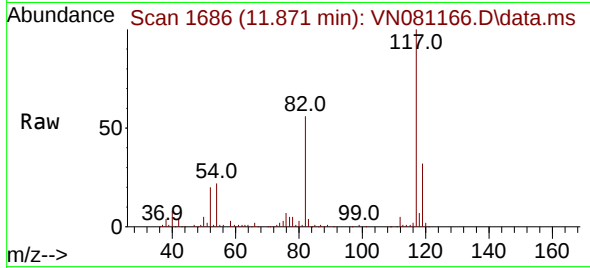
Tgt Ion: 95 Resp: 203312
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 67.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

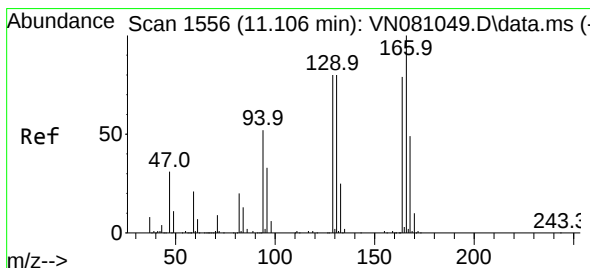
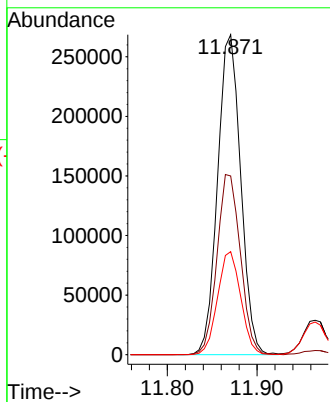
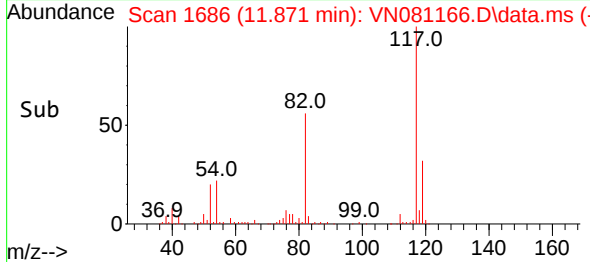
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion:117 Resp: 48038
Ion Ratio Lower Upper
117 100
82 55.8 52.7 79.1
119 32.2 25.3 37.9

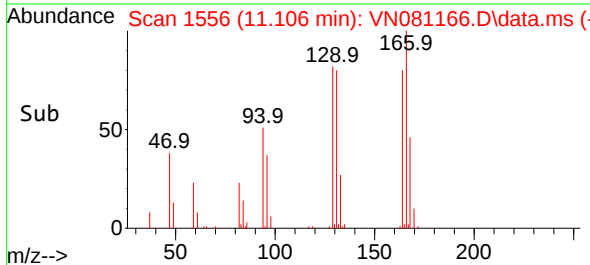
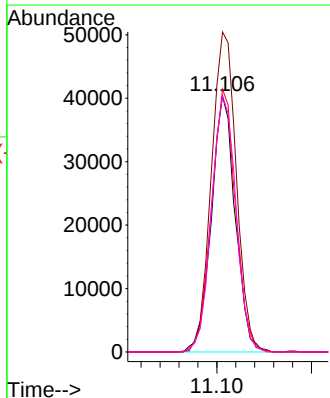
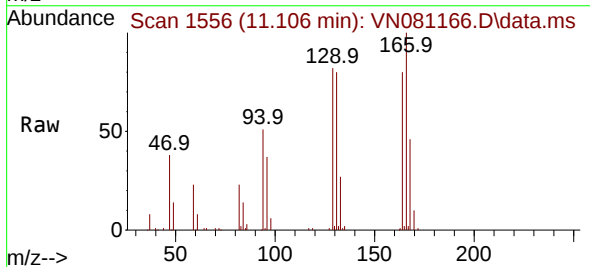
Manual Integrations
APPROVED

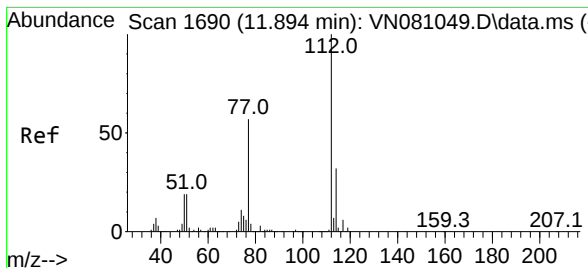
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Tetrachloroethene
Concen: 21.509 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

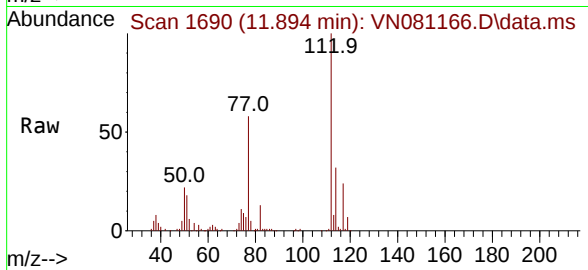
Tgt Ion:164 Resp: 70519
Ion Ratio Lower Upper
164 100
166 125.0 105.8 158.6
129 102.7 89.6 134.4
131 100.1 84.9 127.3





#65
Chlorobenzene
Concen: 19.931 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

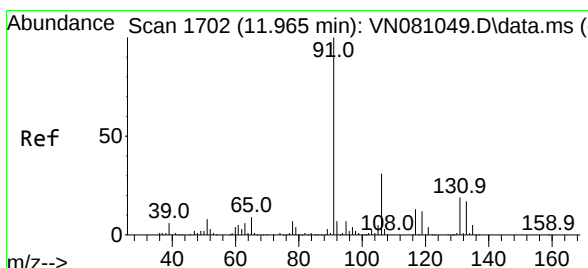
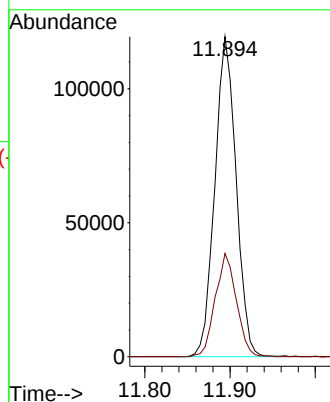
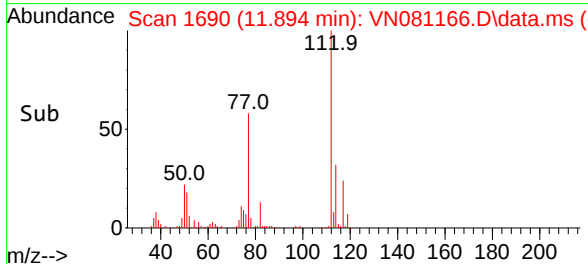
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



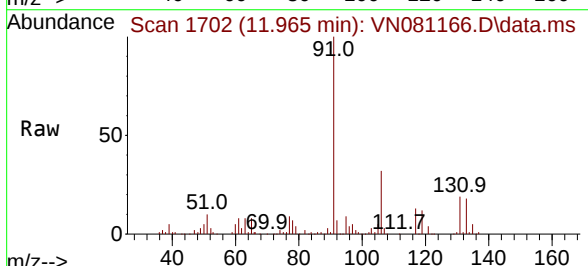
Tgt Ion:112 Resp: 20721
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

Manual Integrations
APPROVED

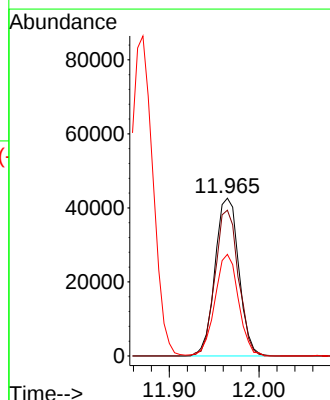
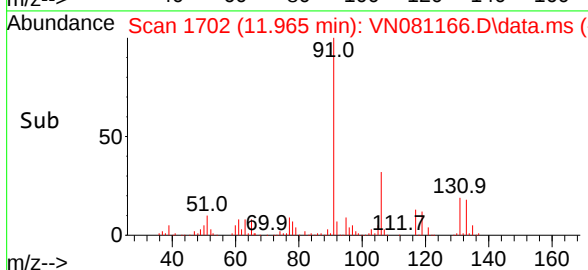
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

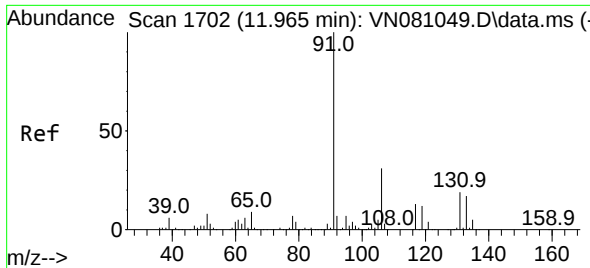


#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



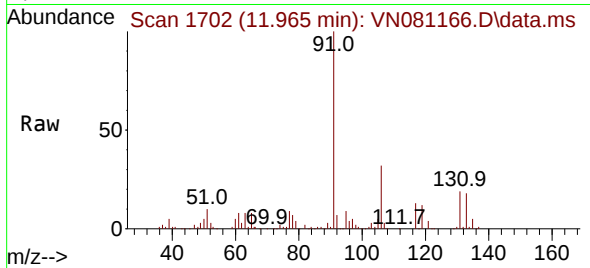
Tgt Ion:131 Resp: 78685
Ion Ratio Lower Upper
131 100
133 91.1 46.8 140.3
119 63.7 34.6 103.9





#67
Ethyl Benzene
Concen: 20.363 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

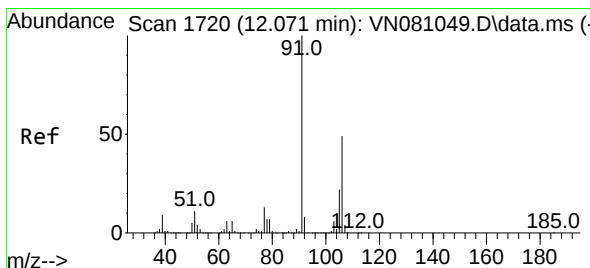
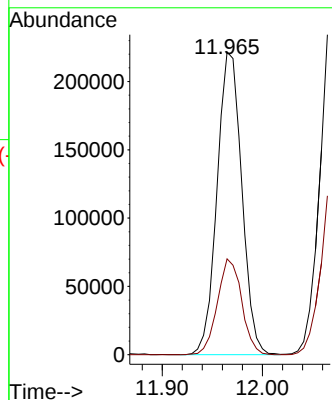
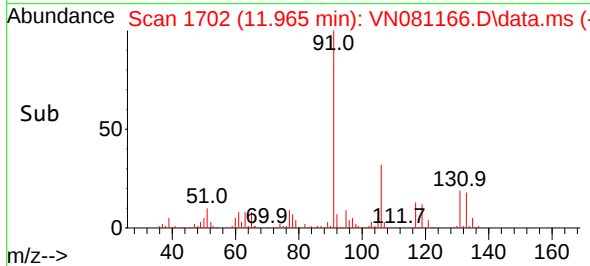
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



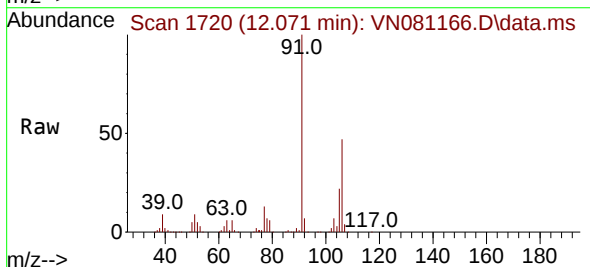
Tgt Ion: 91 Resp: 378832
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.6

Manual Integrations
APPROVED

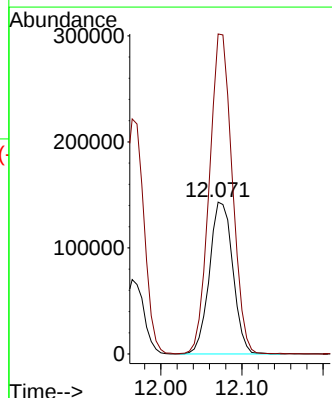
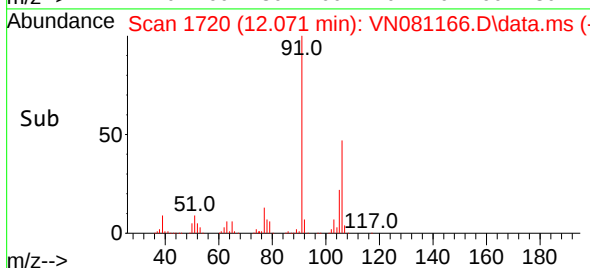
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

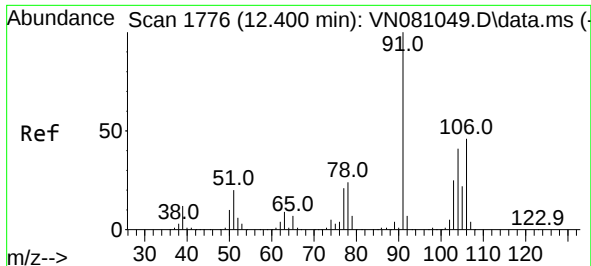


#68
m/p-Xylenes
Concen: 40.210 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



Tgt Ion:106 Resp: 286744
Ion Ratio Lower Upper
106 100
91 205.7 169.0 253.6





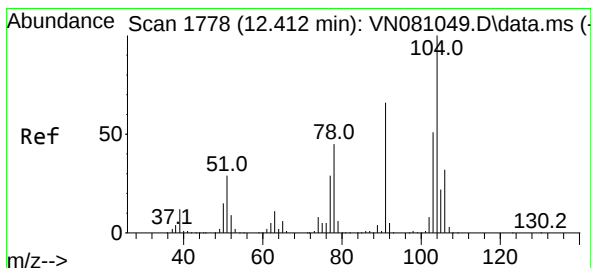
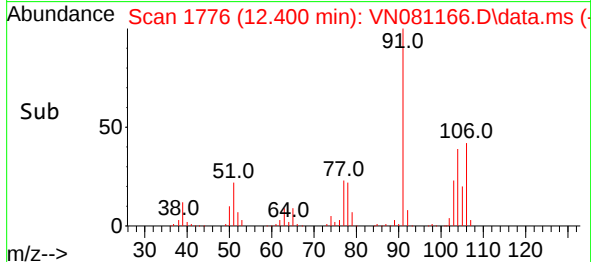
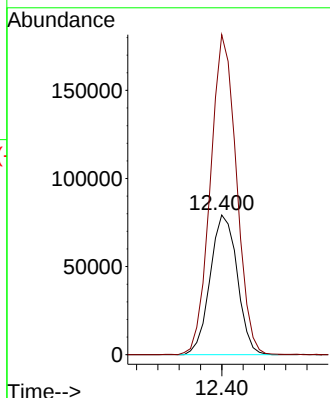
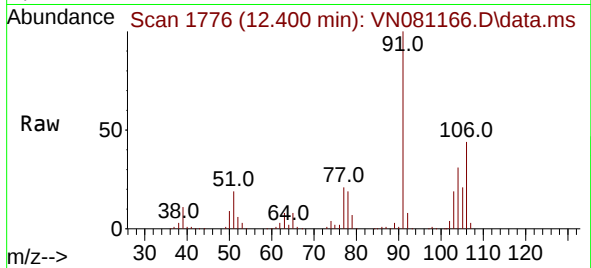
#69
o-Xylene
Concen: 19.781 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion:106 Resp: 139820
Ion Ratio Lower Upper
106 100
91 220.6 112.1 336.3

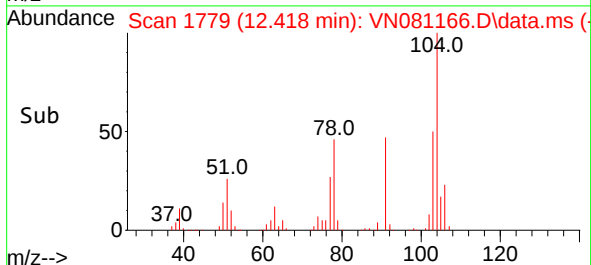
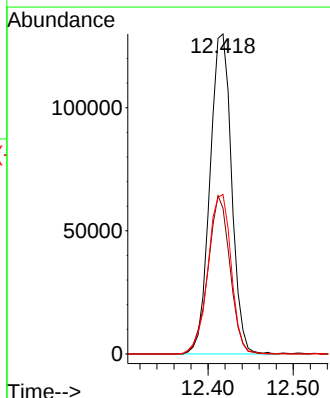
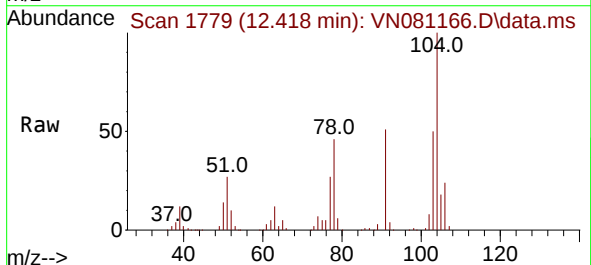
Manual Integrations
APPROVED

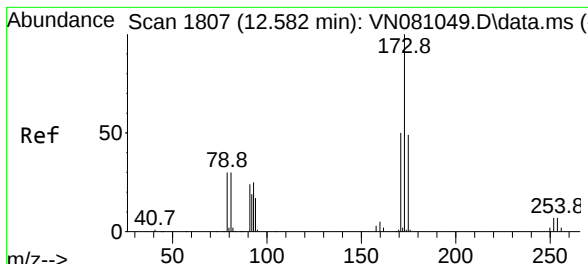
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#70
Styrene
Concen: 20.461 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

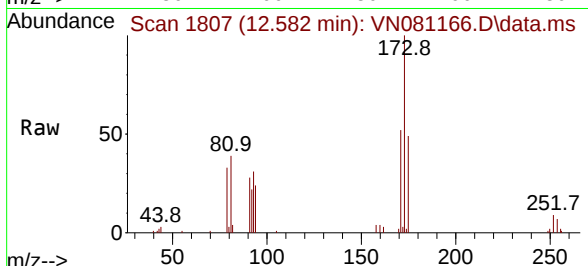
Tgt Ion:104 Resp: 229194
Ion Ratio Lower Upper
104 100
78 50.3 43.8 65.8
103 53.5 44.2 66.2





#71
Bromoform
Concen: 22.113 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

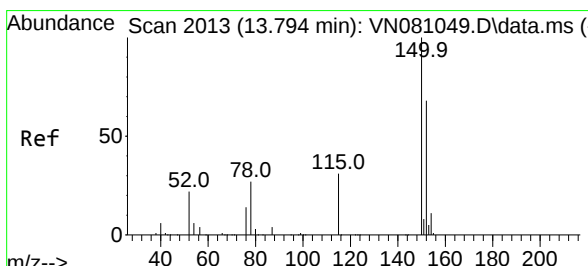
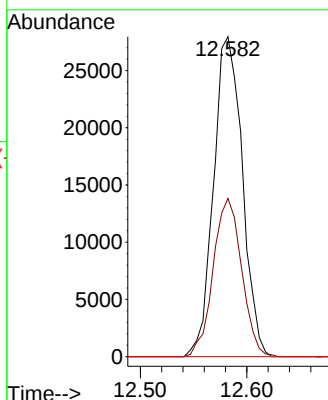
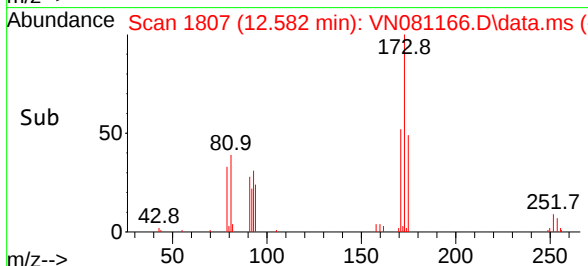
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion:173 Resp: 52390
Ion Ratio Lower Upper
173 100
175 49.0 23.1 69.2
254 0.0 0.0 0.0

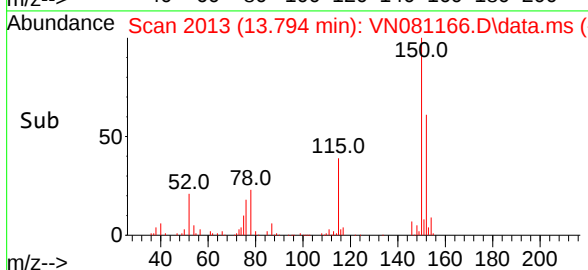
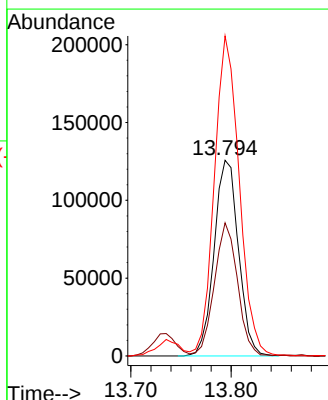
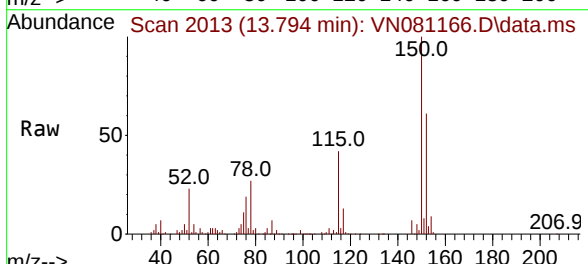
Manual Integrations
APPROVED

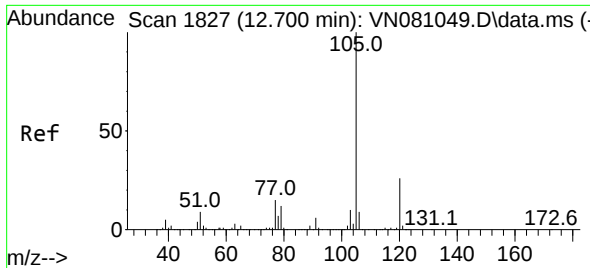
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

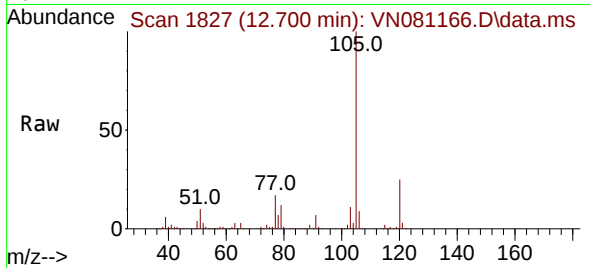
Tgt Ion:152 Resp: 211919
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 166.9 0.0 339.8





#73
Isopropylbenzene
Concen: 20.429 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

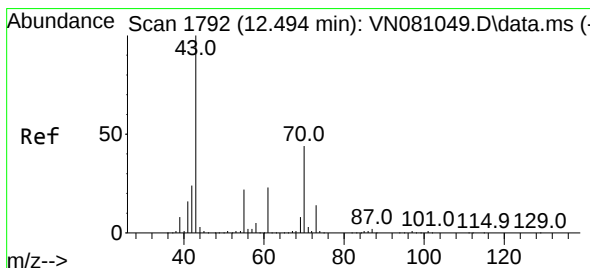
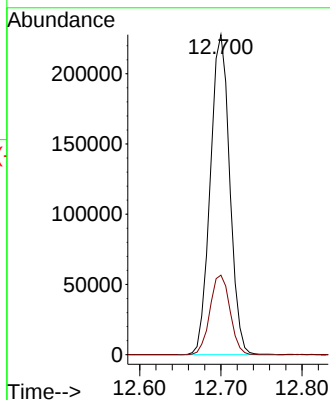
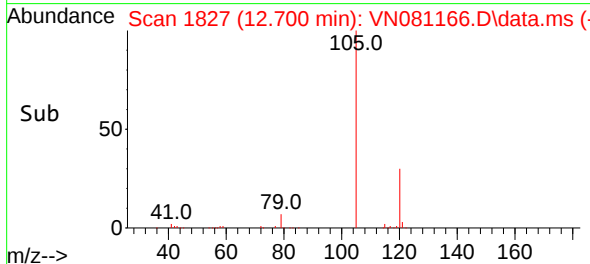
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



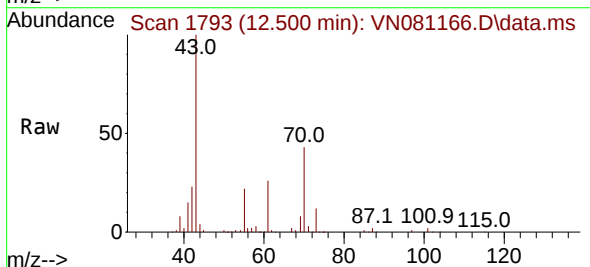
Tgt Ion:105 Resp: 37878
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

Manual Integrations
APPROVED

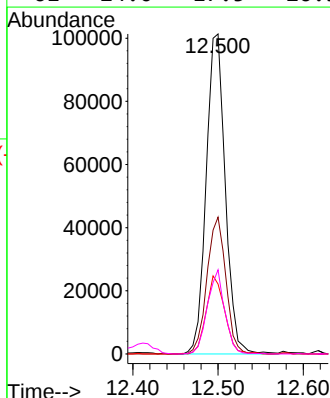
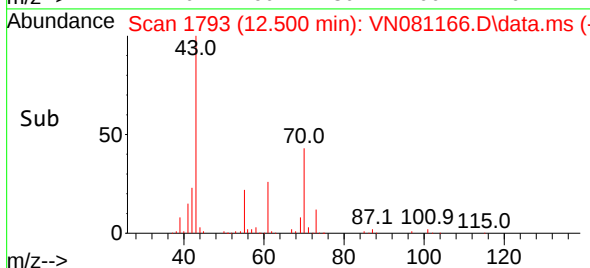
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

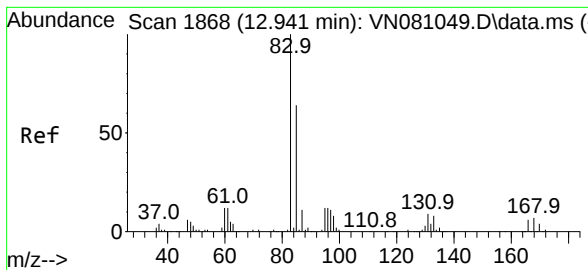


#74
N-ethyl acetate
Concen: 20.183 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



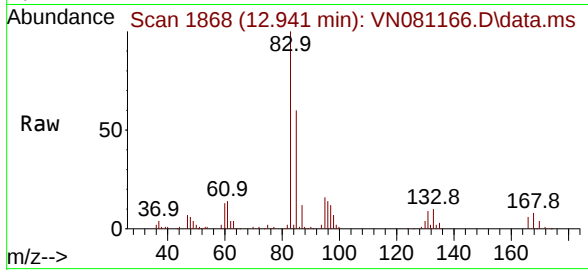
Tgt Ion: 43 Resp: 158160
Ion Ratio Lower Upper
43 100
70 42.5 30.1 45.1
55 23.8 17.0 25.4
61 24.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 21.767 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

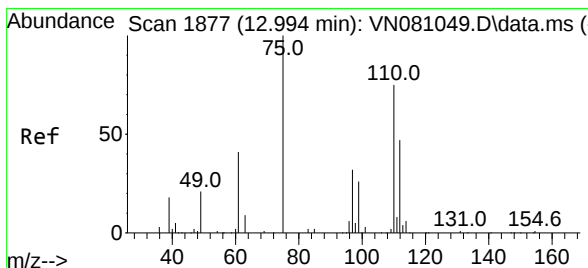
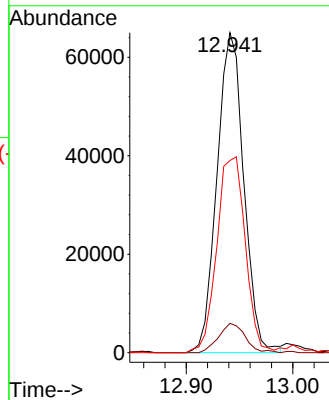
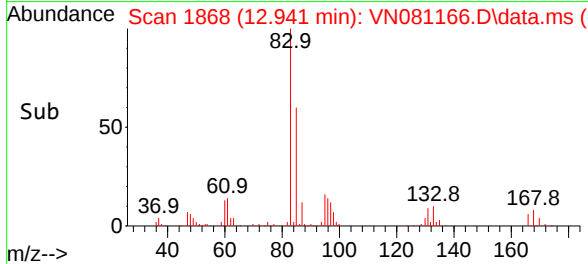
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 83 Resp: 11348
Ion Ratio Lower Upper
83 100
131 9.1 4.1 12.3
85 64.8 32.1 96.3

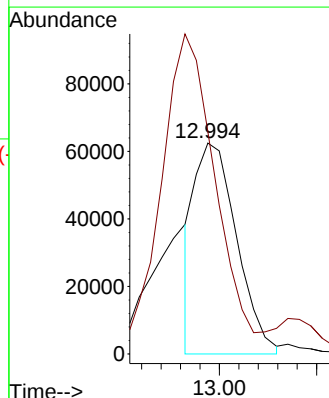
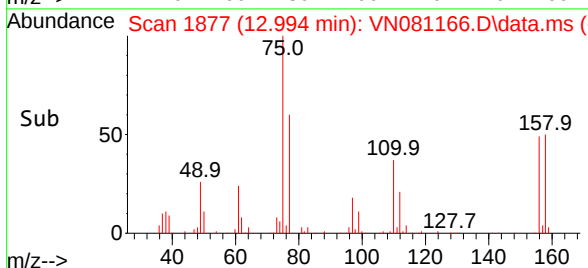
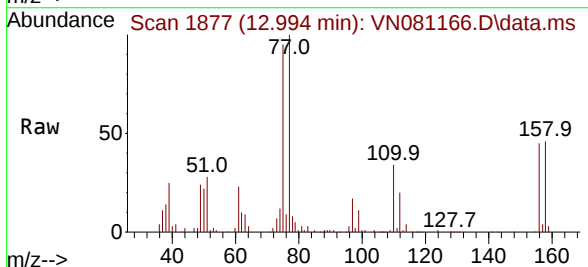
Manual Integrations
APPROVED

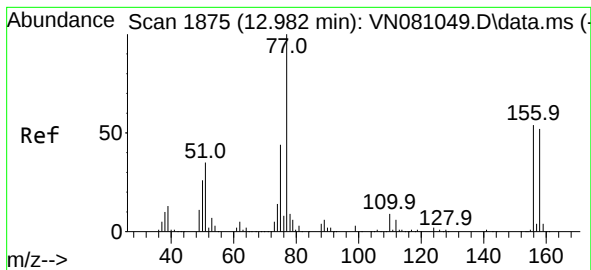
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,2,3-Trichloropropane
Concen: 19.510 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

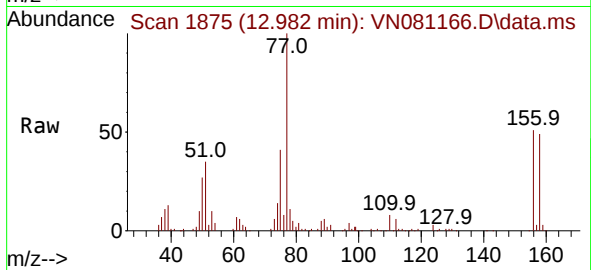
Tgt Ion: 75 Resp: 93941
Ion Ratio Lower Upper
75 100
77 197.5 91.0 272.8





#77
Bromobenzene
Concen: 19.944 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

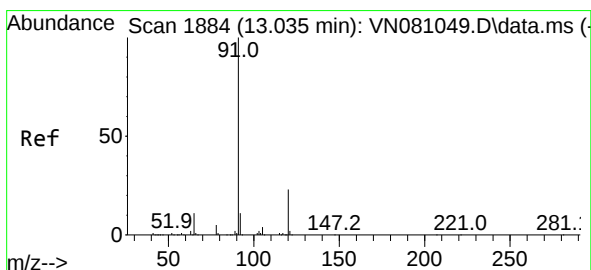
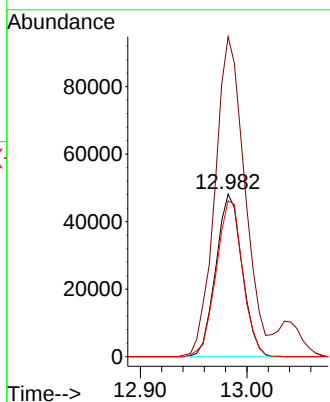
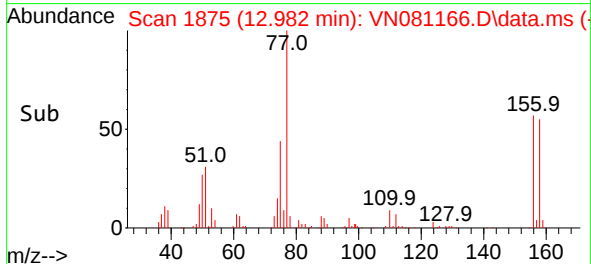
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



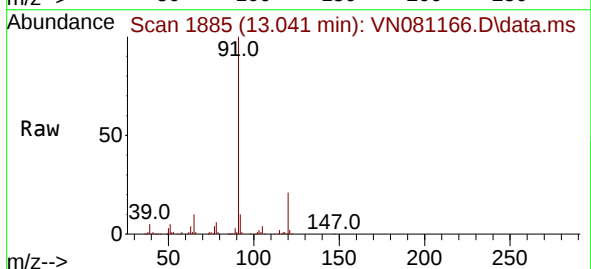
Tgt Ion:156 Resp: 8245
Ion Ratio Lower Upper
156 100
77 225.0 138.1 414.3
158 97.3 46.5 139.5

Manual Integrations
APPROVED

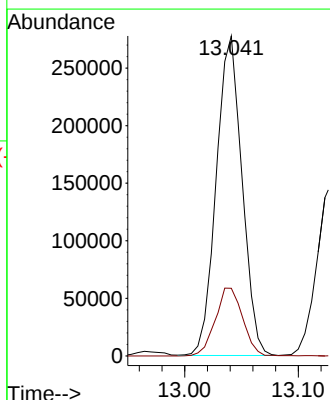
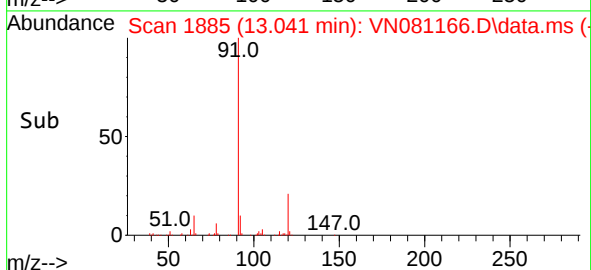
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

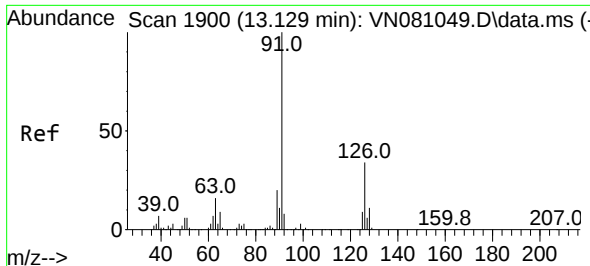


#78
n-propylbenzene
Concen: 20.488 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



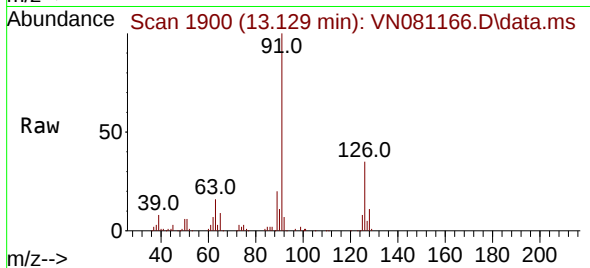
Tgt Ion: 91 Resp: 437300
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





#79
2-Chlorotoluene
Concen: 19.687 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

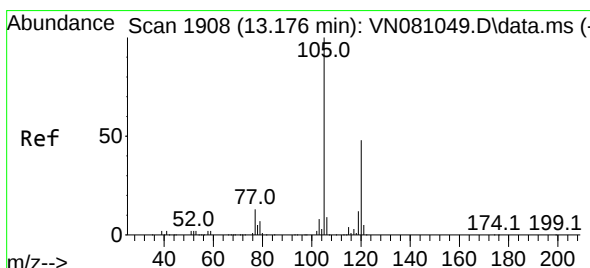
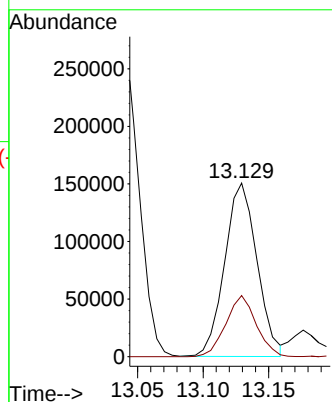
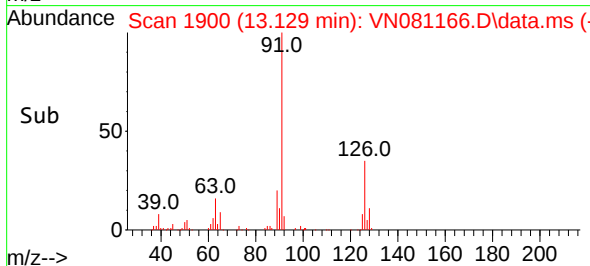
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 91 Resp: 257749
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4

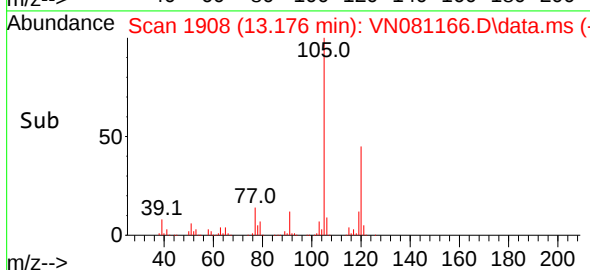
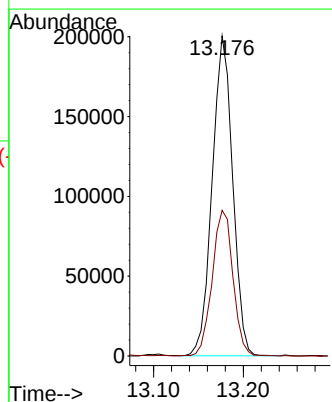
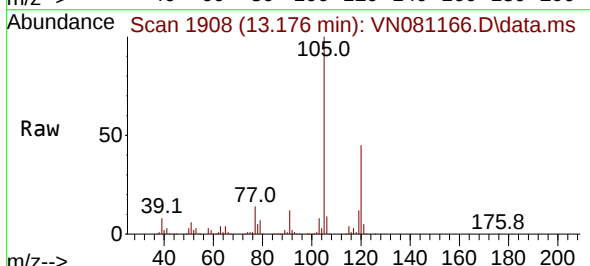
Manual Integrations
APPROVED

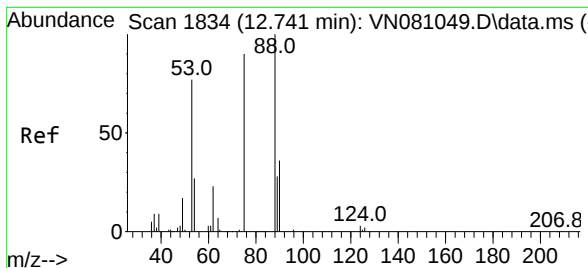
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.087 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

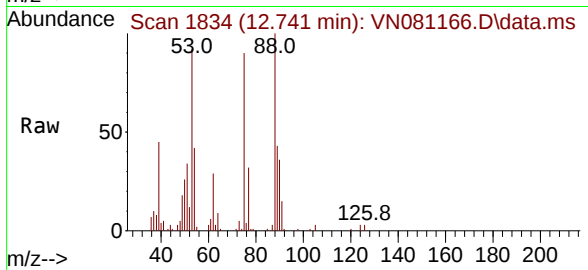
Tgt Ion:105 Resp: 317003
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.549 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

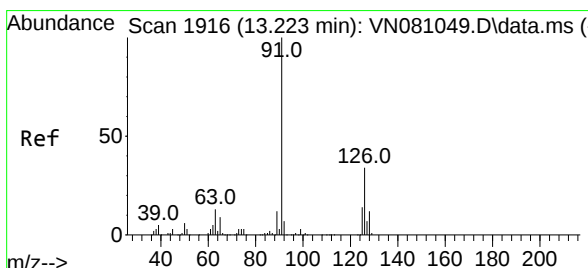
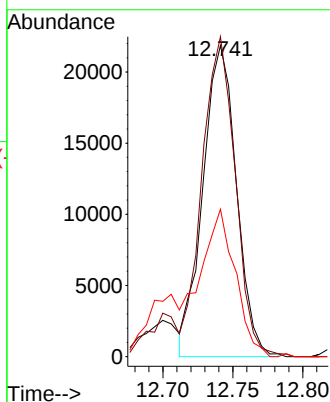
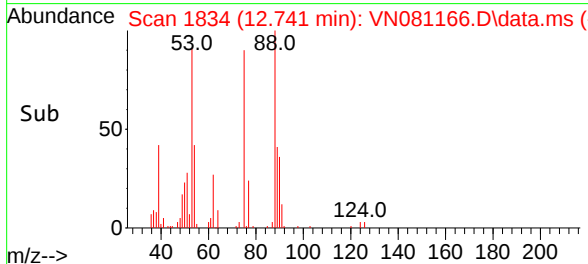
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



Tgt Ion: 75 Resp: 36570
Ion Ratio Lower Upper
75 100
53 114.0 71.4 107.2
89 50.0 33.4 50.0

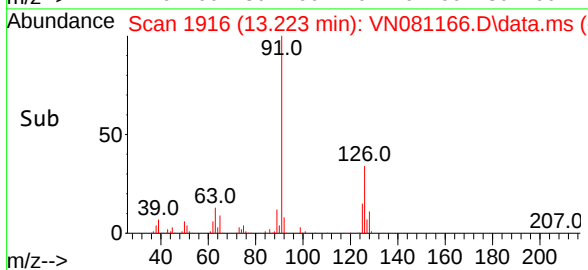
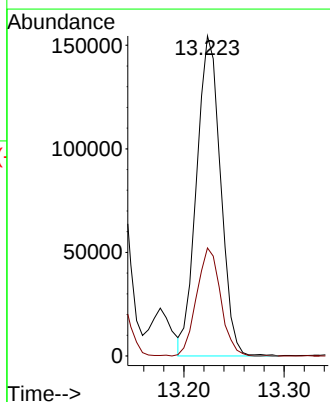
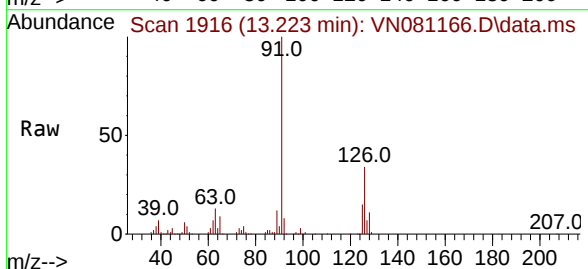
Manual Integrations
APPROVED

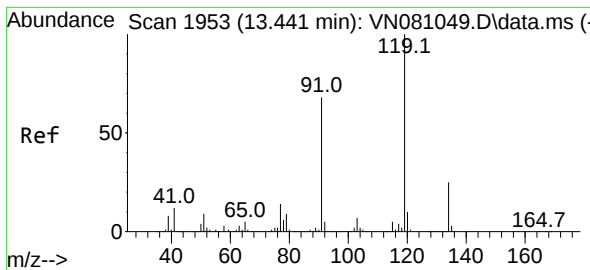
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 20.096 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Tgt Ion: 91 Resp: 257261
Ion Ratio Lower Upper
91 100
126 33.7 15.3 45.9





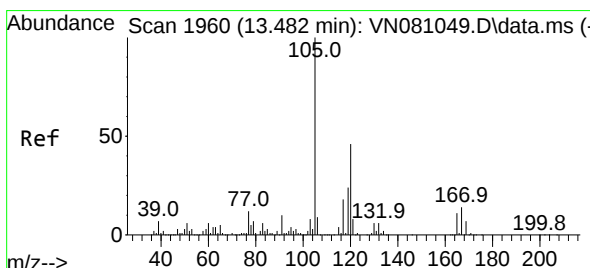
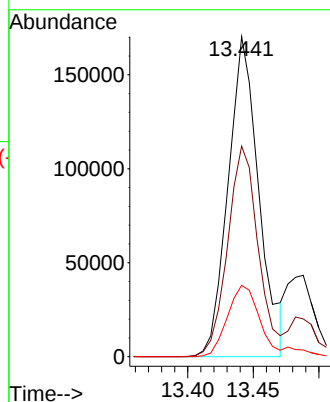
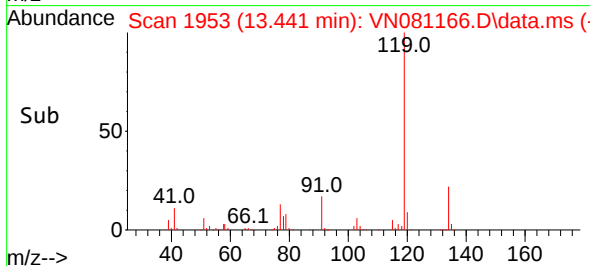
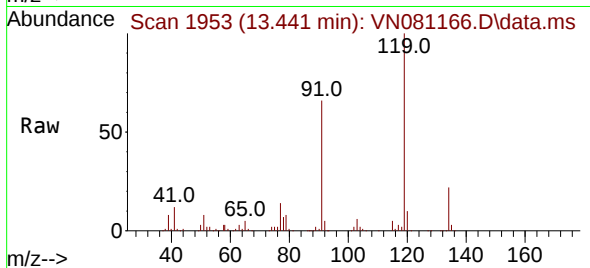
#83
tert-Butylbenzene
Concen: 21.344 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Tgt Ion:119 Resp: 27744
Ion Ratio Lower Upper
119 100
91 65.5 36.8 110.4
134 25.0 12.4 37.4

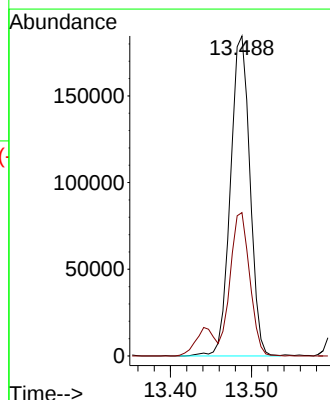
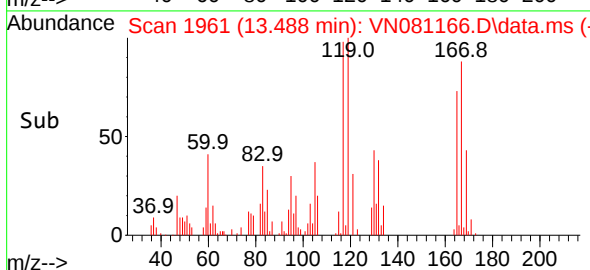
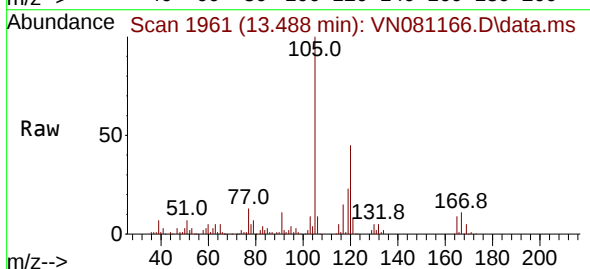
Manual Integrations
APPROVED

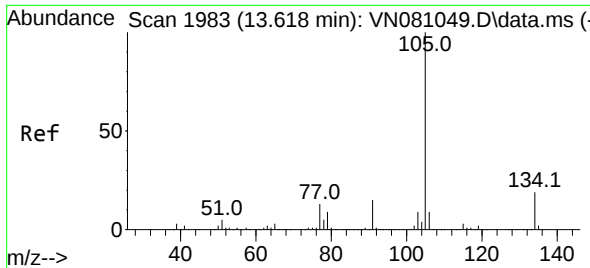
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.514 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

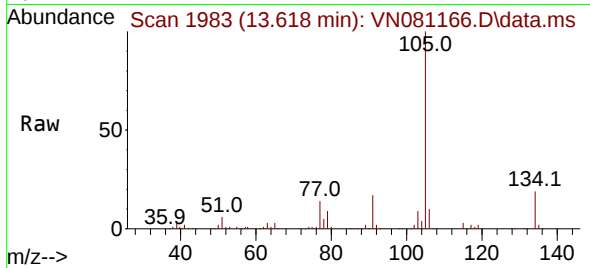
Tgt Ion:105 Resp: 307315
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 21.030 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08

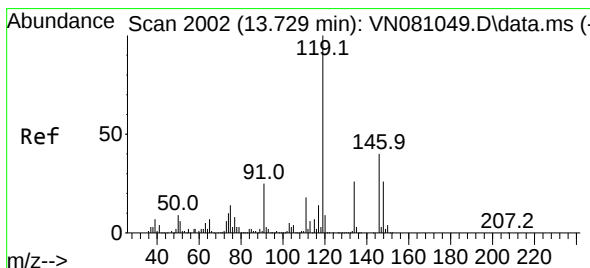
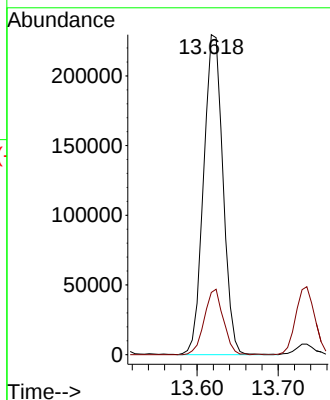
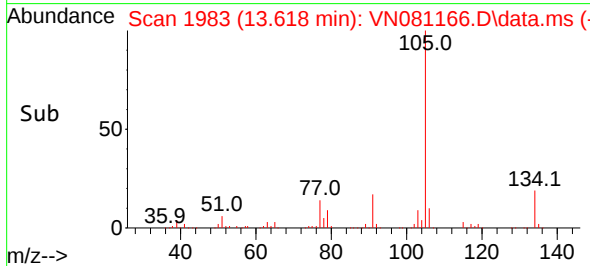
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02



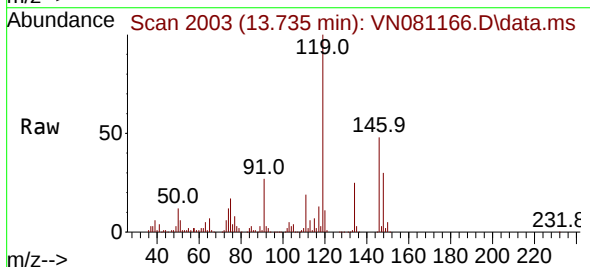
Tgt Ion:105 Resp: 380034
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

Manual Integrations
 APPROVED

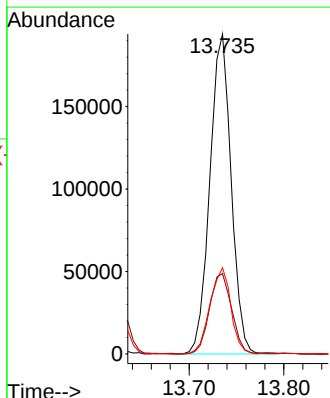
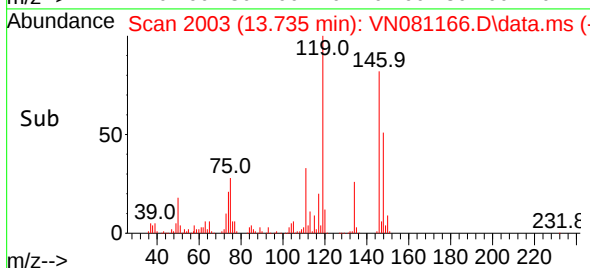
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

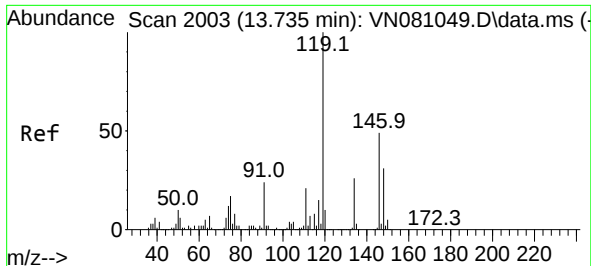


#86
 p-Isopropyltoluene
 Concen: 20.229 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081166.D
 Acq: 23 Feb 2024 18:08



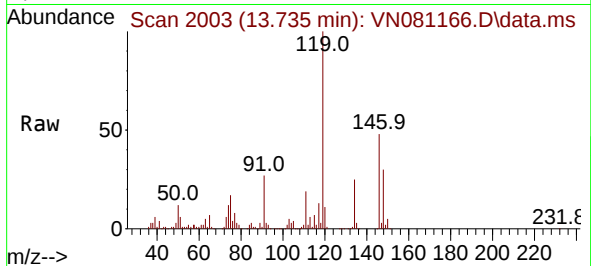
Tgt Ion:119 Resp: 303637
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.2
 91 26.5 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.575 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08

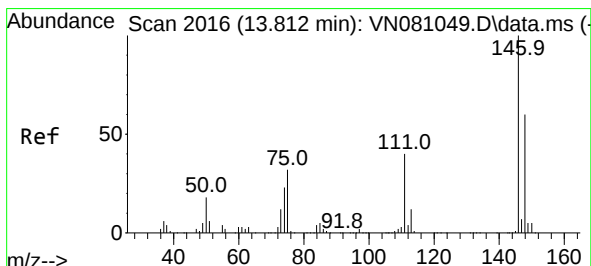
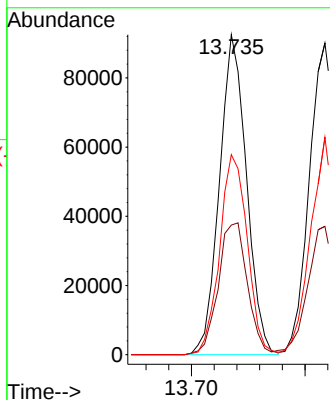
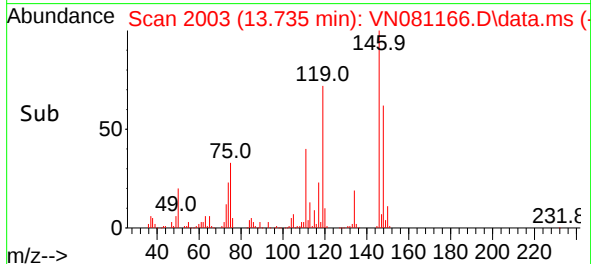
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02



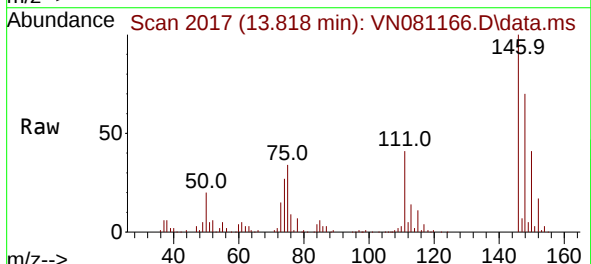
Tgt Ion:146 Resp: 152912
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.7
148 63.8 32.6 97.7

Manual Integrations
APPROVED

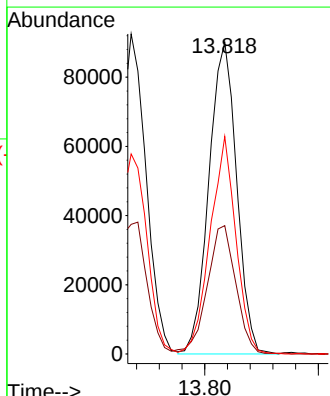
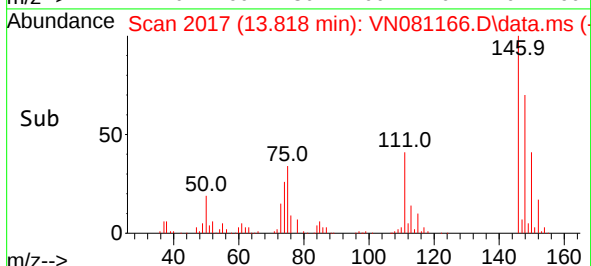
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

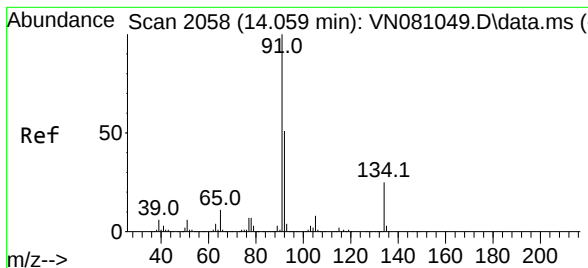


#88
1,4-Dichlorobenzene
Concen: 19.934 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081166.D
Acq: 23 Feb 2024 18:08



Tgt Ion:146 Resp: 153006
Ion Ratio Lower Upper
146 100
111 42.0 22.6 67.7
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 20.725 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

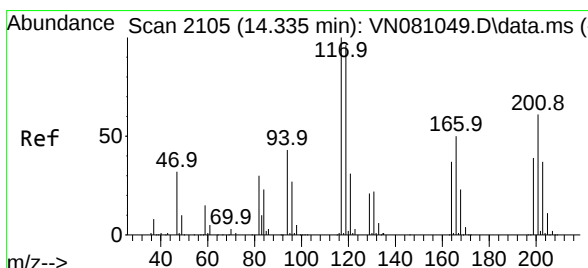
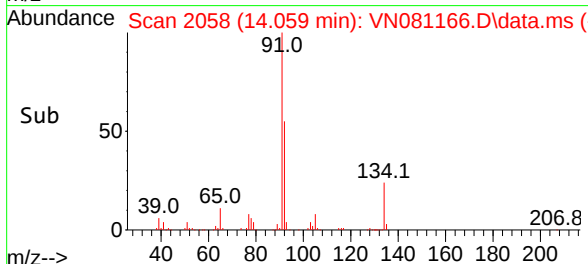
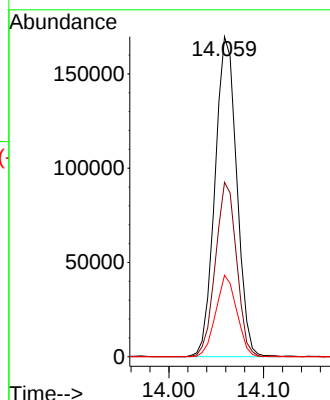
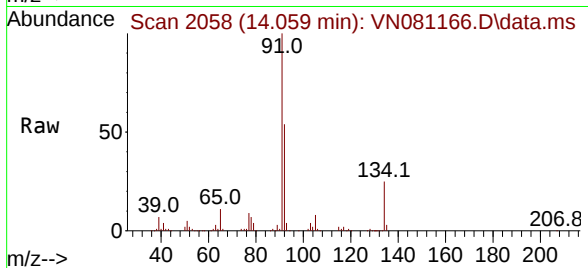
Tgt Ion:	91	Resp:	271018
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	24.6	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#90

Hexachloroethane

Concen: 21.240 ug/l

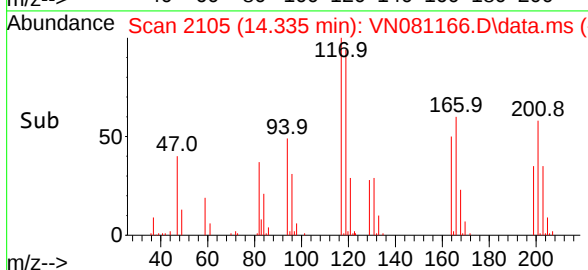
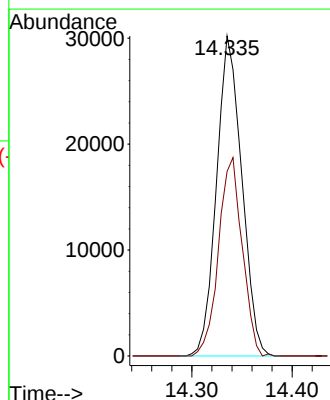
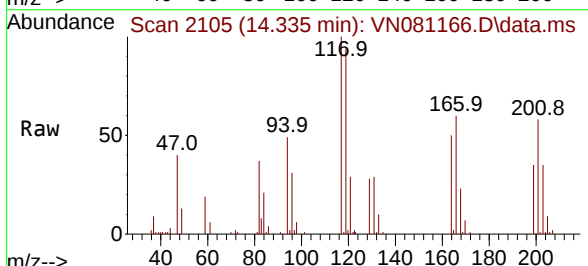
RT: 14.335 min Scan# 2105

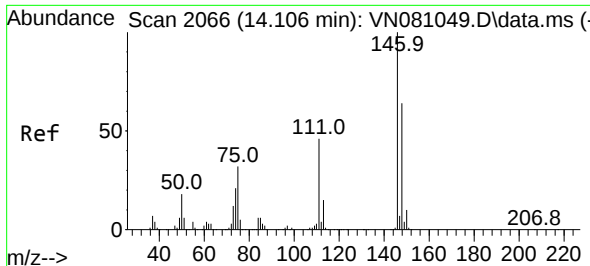
Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion:	117	Resp:	52699
Ion	Ratio	Lower	Upper
117	100		
201	58.1	30.0	90.0





#91

1,2-Dichlorobenzene

Concen: 20.337 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

Tgt Ion:146 Resp: 15321

Ion Ratio Lower Upper

146 100

111 42.7 23.9 71.8

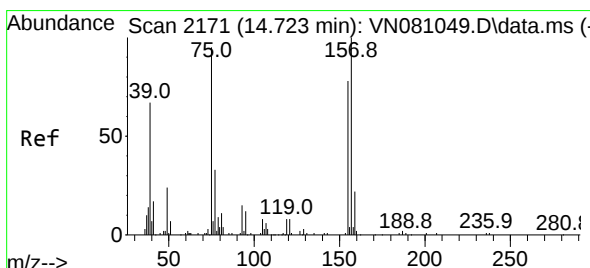
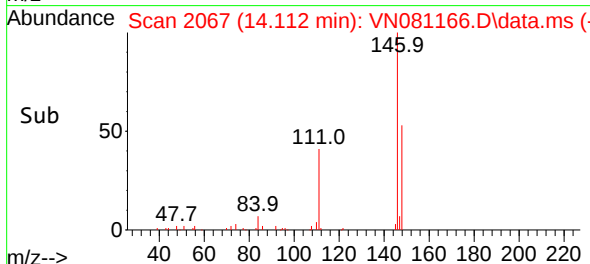
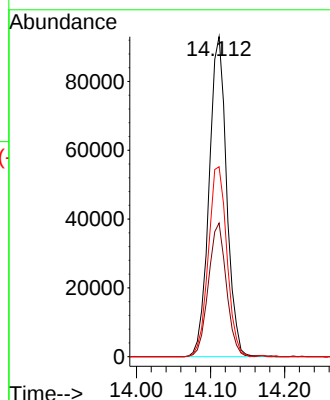
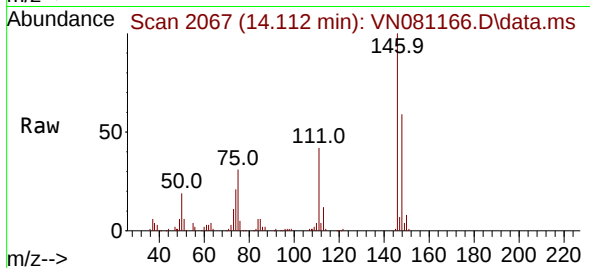
148 62.5 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.416 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

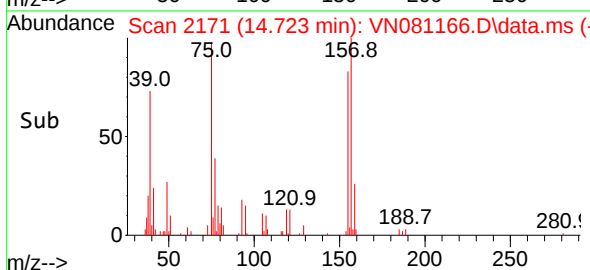
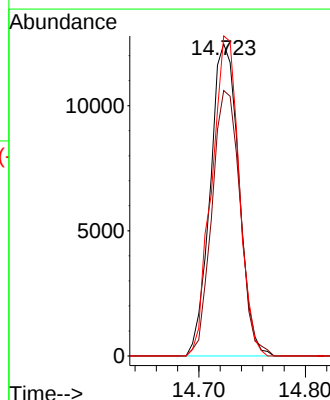
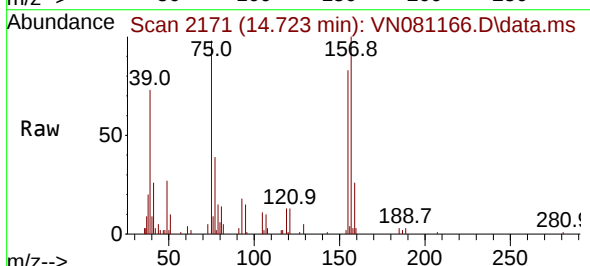
Tgt Ion: 75 Resp: 23214

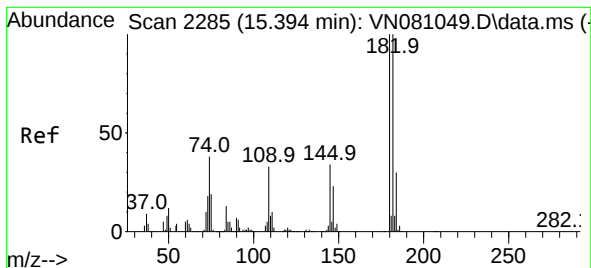
Ion Ratio Lower Upper

75 100

155 83.9 31.8 95.4

157 98.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.845 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

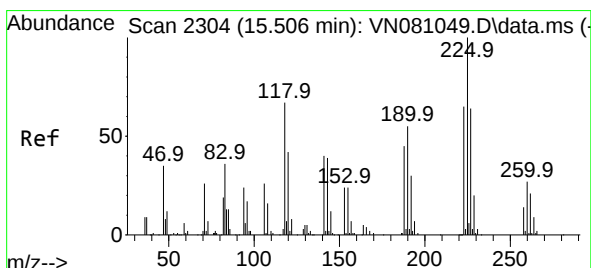
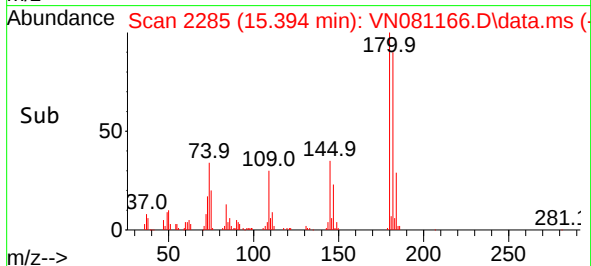
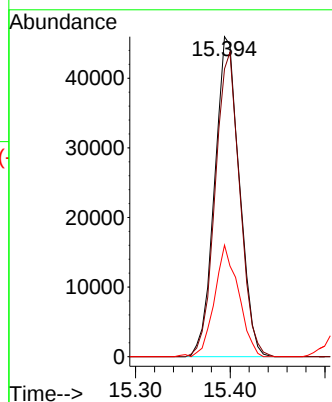
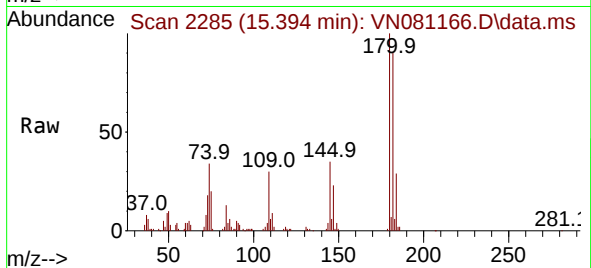
Tgt Ion:	180	Resp:	8341
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.6	139.7
145	33.9	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#94

Hexachlorobutadiene

Concen: 20.820 ug/l

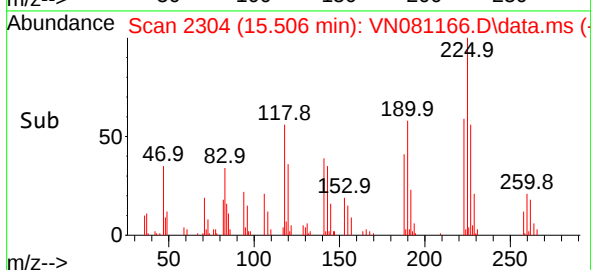
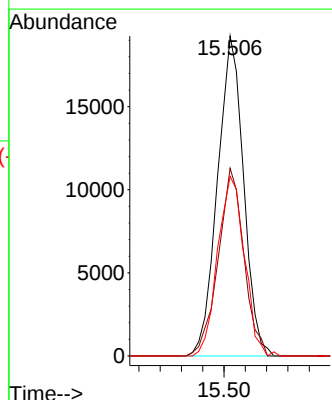
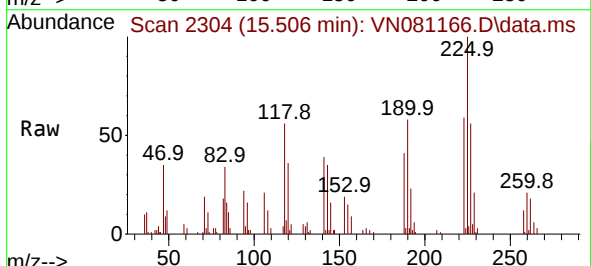
RT: 15.506 min Scan# 2304

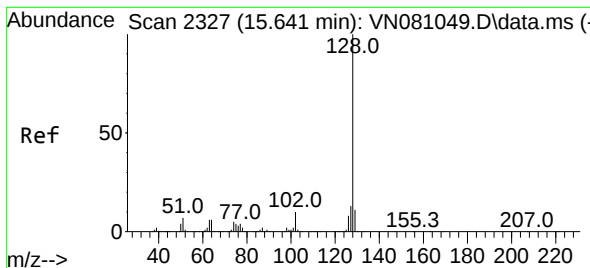
Delta R.T. -0.000 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion:	225	Resp:	32636
Ion Ratio	Lower	Upper	
225	100		
223	57.8	33.3	99.8
227	57.5	33.1	99.2





#95

Naphthalene

Concen: 20.377 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD02

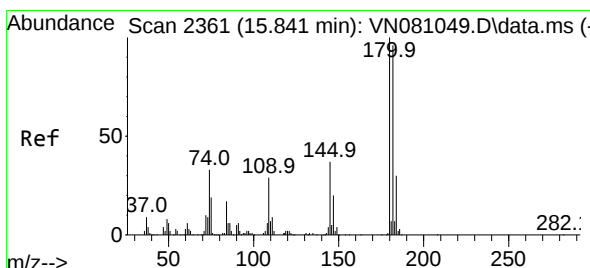
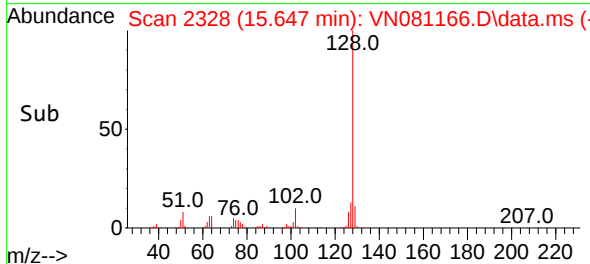
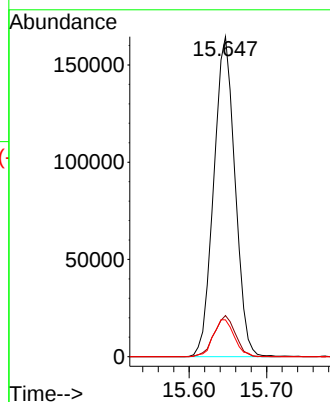
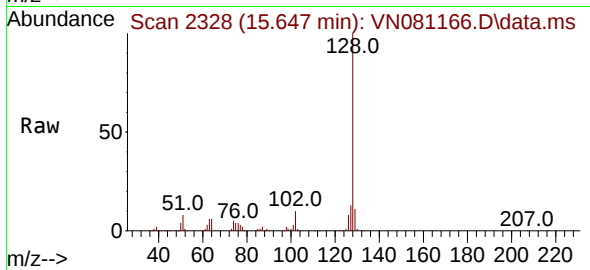
Tgt Ion:128 Resp: 313864
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.0 15.0
 129 11.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.340 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081166.D

Acq: 23 Feb 2024 18:08

Tgt Ion:180 Resp: 84809
 Ion Ratio Lower Upper
 180 100
 182 91.3 46.5 139.3
 145 34.3 17.8 53.4

