

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080374.D
 Acq On : 05 Dec 2023 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Quant Time: Dec 06 00:55:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172367	47.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.300%		
35) Dibromofluoromethane	8.165	113	126386	50.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.880%		
50) Toluene-d8	10.571	98	451821	50.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.853	95	172229	50.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158898	48.692	ug/l	99
3) Chloromethane	2.365	50	110781	45.152	ug/l	98
4) Vinyl Chloride	2.512	62	128118	49.343	ug/l	98
5) Bromomethane	2.948	94	76561	43.435	ug/l	97
6) Chloroethane	3.118	64	82595	51.553	ug/l	93
7) Trichlorofluoromethane	3.495	101	277638	51.260	ug/l	98
8) Diethyl Ether	3.959	74	78949	50.120	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	125563	50.719	ug/l	95
10) Methyl Iodide	4.589	142	141427	52.861	ug/l #	87
11) Tert butyl alcohol	5.512	59	101689	255.630	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	121847	52.622	ug/l #	79
13) Acrolein	4.177	56	95376	270.920	ug/l	92
14) Allyl chloride	5.018	41	153449	52.673	ug/l	95
15) Acrylonitrile	5.718	53	260956	244.364	ug/l	99
16) Acetone	4.424	43	231701	190.703	ug/l	94
17) Carbon Disulfide	4.706	76	316466	45.773	ug/l	97
18) Methyl Acetate	5.018	43	180973	46.359	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	431518	52.771	ug/l	100
20) Methylene Chloride	5.271	84	138349	54.375	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	130518	51.309	ug/l #	76
22) Diisopropyl ether	6.671	45	332312	51.558	ug/l	98
23) Vinyl Acetate	6.600	43	967436	249.666	ug/l	95
24) 1,1-Dichloroethane	6.565	63	234242	49.898	ug/l	98
25) 2-Butanone	7.483	43	305742	211.800	ug/l	92
26) 2,2-Dichloropropane	7.489	77	233624	50.161	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	150188	52.076	ug/l	88
28) Bromochloromethane	7.812	49	81096	43.941	ug/l	99
29) Tetrahydrofuran	7.836	42	185585	239.464	ug/l	95
30) Chloroform	7.965	83	279702	53.307	ug/l	93
31) Cyclohexane	8.259	56	178315	45.327	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	271106	52.982	ug/l	97
36) 1,1-Dichloropropene	8.377	75	195524	53.899	ug/l	96
37) Ethyl Acetate	7.559	43	121933	48.459	ug/l	97
38) Carbon Tetrachloride	8.365	117	249933	54.293	ug/l	98
39) Methylcyclohexane	9.600	83	177474	50.739	ug/l	91
40) Benzene	8.606	78	545167	52.877	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	71343	51.629	ug/l	93
42) 1,2-Dichloroethane	8.671	62	229236	54.346	ug/l	95
43) Isopropyl Acetate	8.688	43	222286	45.397	ug/l	98
44) Trichloroethene	9.353	130	146953	54.337	ug/l	95
45) 1,2-Dichloropropane	9.624	63	127009	53.009	ug/l	98
46) Dibromomethane	9.712	93	96024	52.944	ug/l #	87
47) Bromodichloromethane	9.888	83	217795	54.591	ug/l	95
48) Methyl methacrylate	9.682	41	133428	52.877	ug/l	89
49) 1,4-Dioxane	9.700	88	41235	982.272	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	632688	249.576	ug/l	100
52) Toluene	10.630	92	353016	54.712	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	225806	55.088	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	232648	55.555	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	131179	53.268	ug/l	98
56) Ethyl methacrylate	10.877	69	144834	57.570	ug/l	96
57) 1,3-Dichloropropane	11.165	76	227871	52.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	321442	226.795	ug/l	100
59) 2-Hexanone	11.194	43	474778	233.071	ug/l	96
60) Dibromochloromethane	11.359	129	167578	56.839	ug/l	100
61) 1,2-Dibromoethane	11.471	107	132713	52.825	ug/l	99
64) Tetrachloroethene	11.106	164	136293	58.647	ug/l	93
65) Chlorobenzene	11.894	112	375399	54.405	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	153545	57.343	ug/l	93
67) Ethyl Benzene	11.965	91	683116	55.636	ug/l	97
68) m/p-Xylenes	12.071	106	512500	114.480	ug/l	89
69) o-Xylene	12.400	106	250718	59.426	ug/l	90
70) Styrene	12.412	104	368001	58.603	ug/l	93
71) Bromoform	12.576	173	110457	55.625	ug/l #	99
73) Isopropylbenzene	12.700	105	647859	54.229	ug/l	99
74) N-amyl acetate	12.494	43	177250	47.577	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	167772	46.921	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	186027m	49.385	ug/l	
77) Bromobenzene	12.982	156	157115	52.163	ug/l	95
78) n-propylbenzene	13.041	91	714736	53.501	ug/l	99
79) 2-Chlorotoluene	13.123	91	461473	53.185	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	560079	53.856	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	55761	50.013	ug/l	88
82) 4-Chlorotoluene	13.223	91	472846	53.196	ug/l	96
83) tert-Butylbenzene	13.441	119	453393	54.366	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	567633	55.432	ug/l	96
85) sec-Butylbenzene	13.618	105	571099	54.133	ug/l	99
86) p-Isopropyltoluene	13.729	119	527372	55.959	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	276945	51.034	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277028	50.798	ug/l	98
89) n-Butylbenzene	14.059	91	411686	52.191	ug/l	99
90) Hexachloroethane	14.335	117	95835	52.161	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	270134	52.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38513	46.372	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	140918	46.657	ug/l	94
94) Hexachlorobutadiene	15.500	225	80189	46.136	ug/l	99
95) Naphthalene	15.647	128	392933	44.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	137959	48.732	ug/l	99

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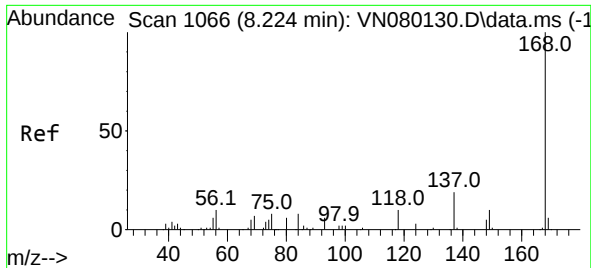
Manual Integrations
APPROVED

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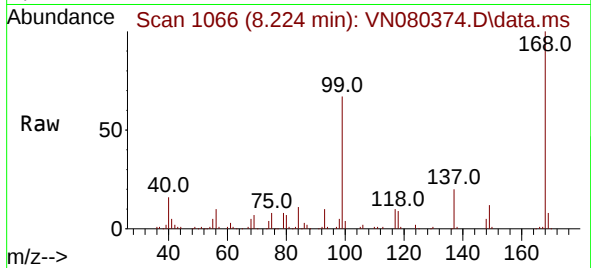
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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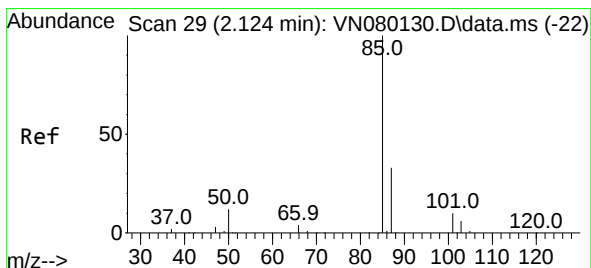
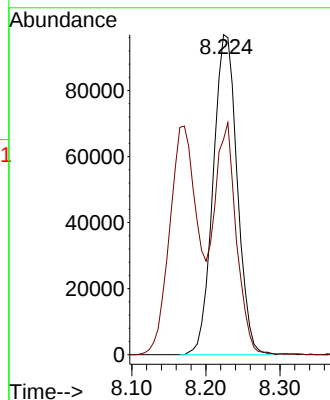
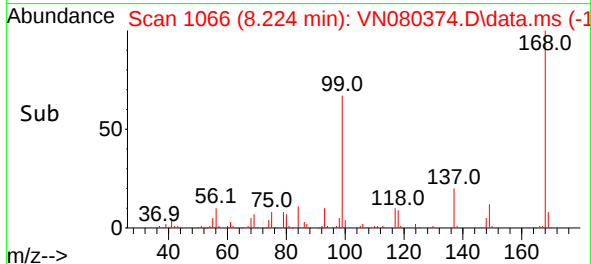
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 219080
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6

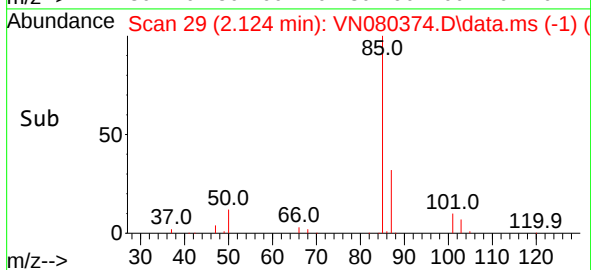
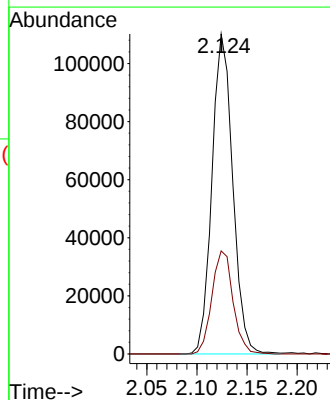
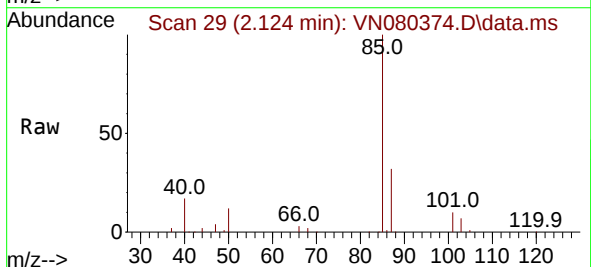
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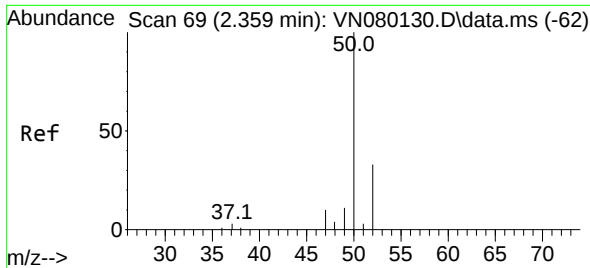
Reviewed By :John Carlone 12/06/2023
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#2
Dichlorodifluoromethane
Concen: 48.692 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion: 85 Resp: 158898
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





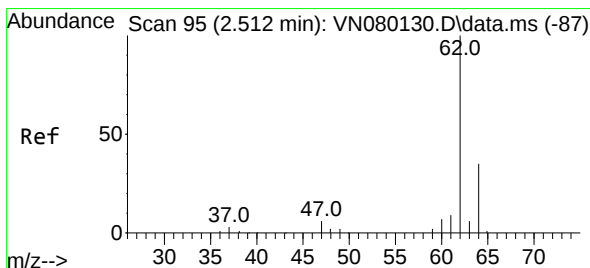
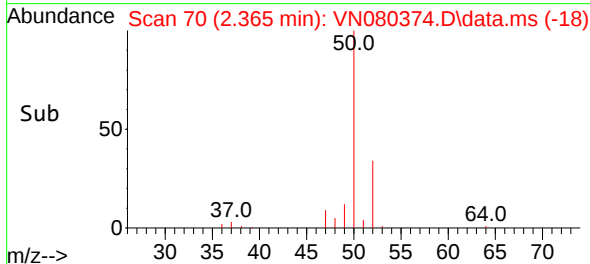
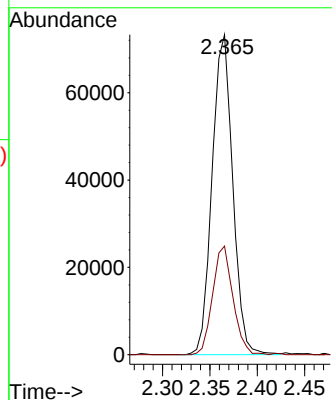
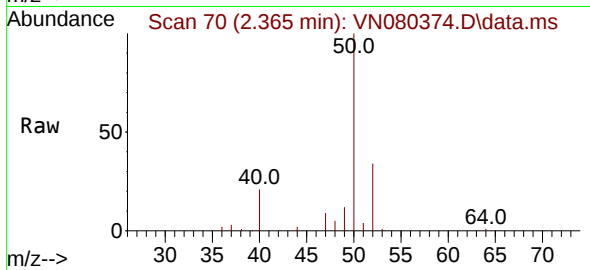
#3
Chloromethane
Concen: 45.152 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
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Tgt Ion: 50 Resp: 11078
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

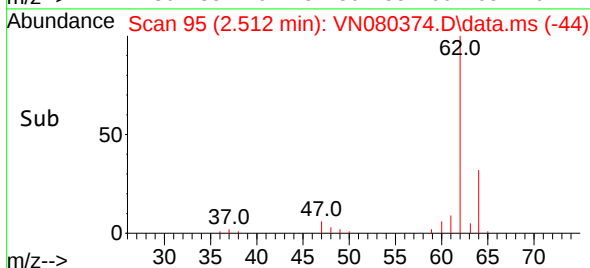
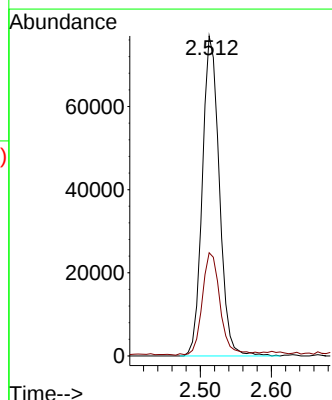
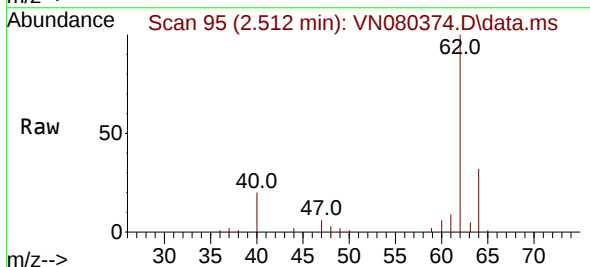
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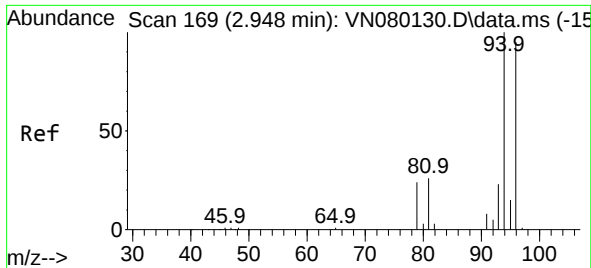
Reviewed By :John Carlone 12/06/2023
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#4
Vinyl Chloride
Concen: 49.343 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion: 62 Resp: 128118
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





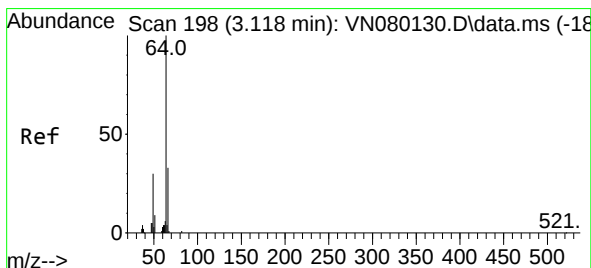
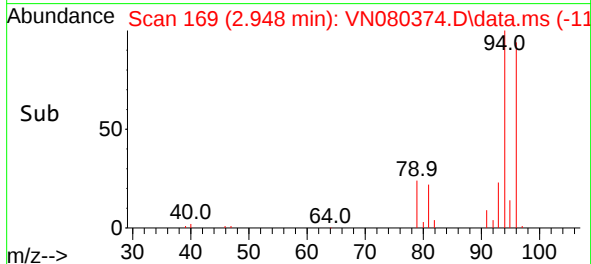
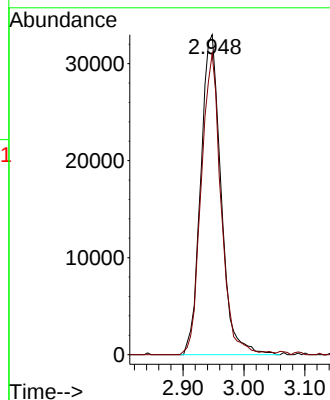
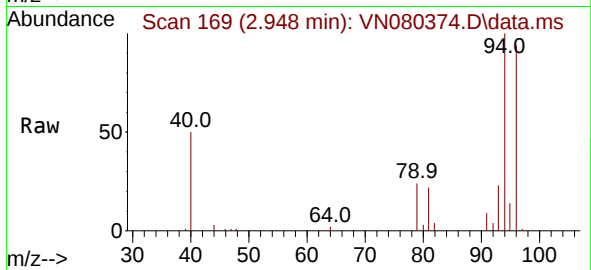
#5
Bromomethane
Concen: 43.435 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 7656
Ion Ratio Lower Upper
94 100
96 94.0 73.1 109.7

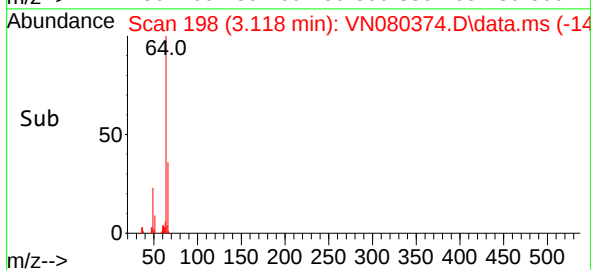
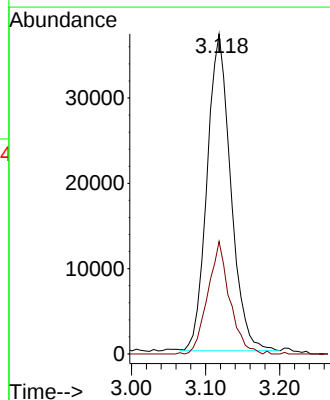
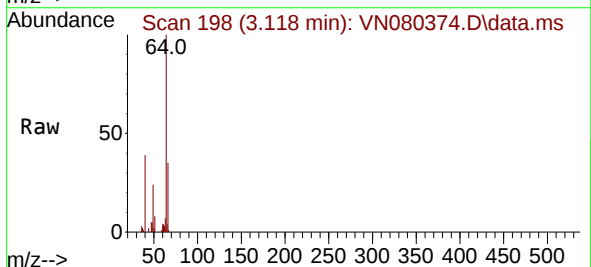
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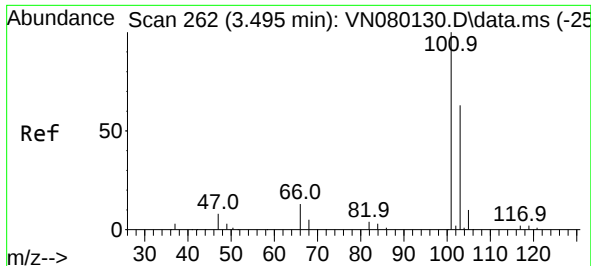
Reviewed By :John Carlone 12/06/2023
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#6
Chloroethane
Concen: 51.553 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080374.D
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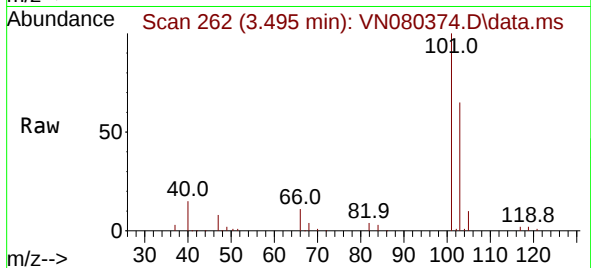
Tgt Ion: 64 Resp: 82595
Ion Ratio Lower Upper
64 100
66 35.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.260 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080374.D
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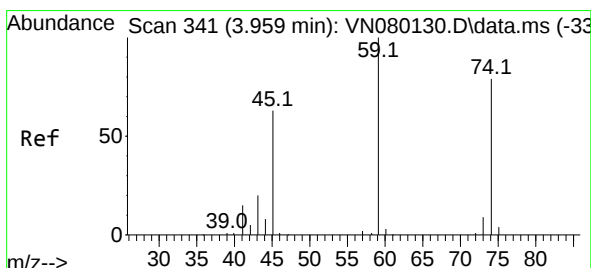
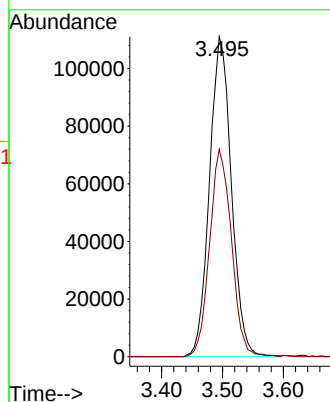
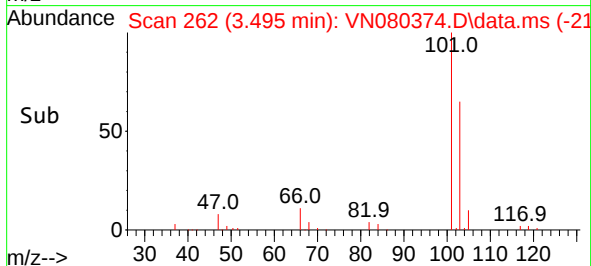
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 277638
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

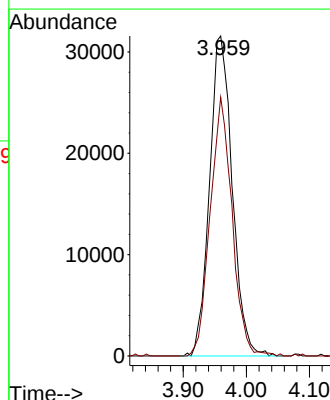
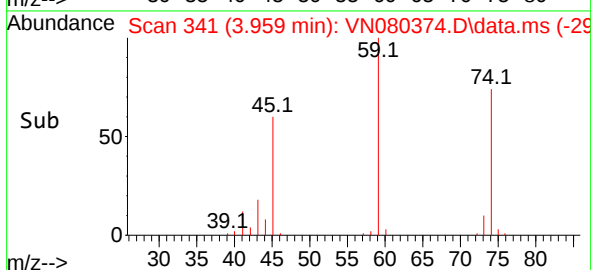
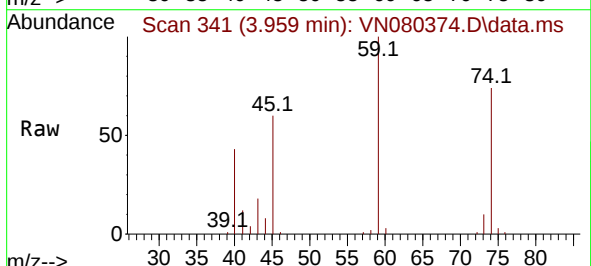
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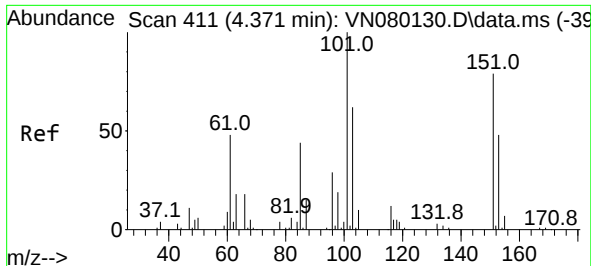
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#8
Diethyl Ether
Concen: 50.120 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080374.D
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Tgt Ion: 74 Resp: 78949
Ion Ratio Lower Upper
74 100
45 77.8 34.4 103.3





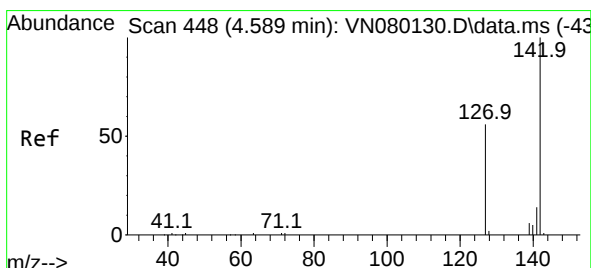
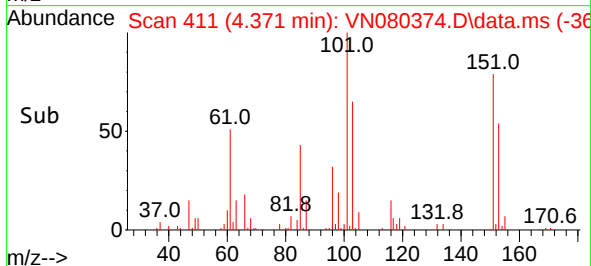
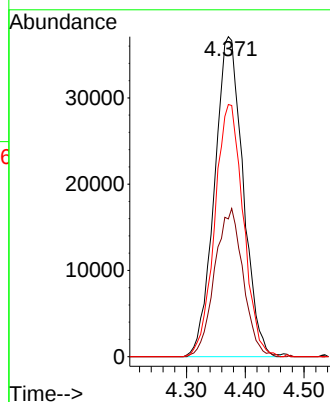
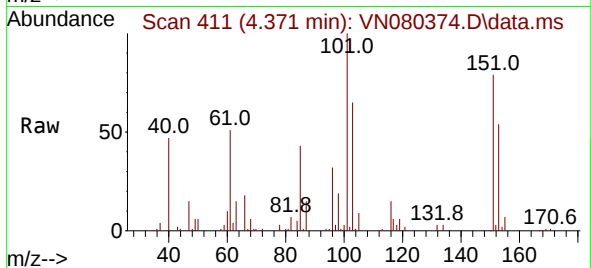
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.719 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12556
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 78.5 57.6 86.4

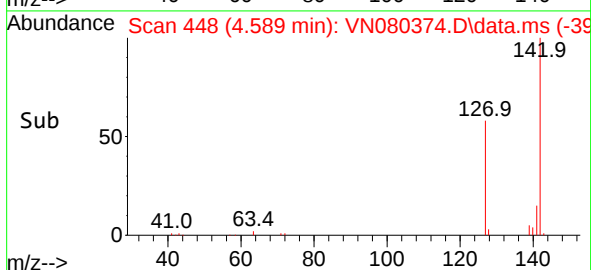
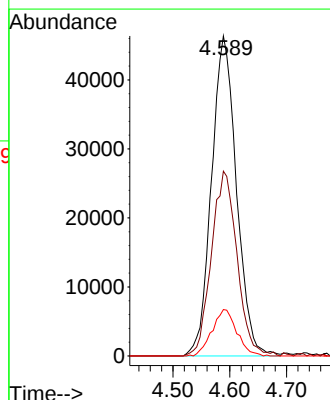
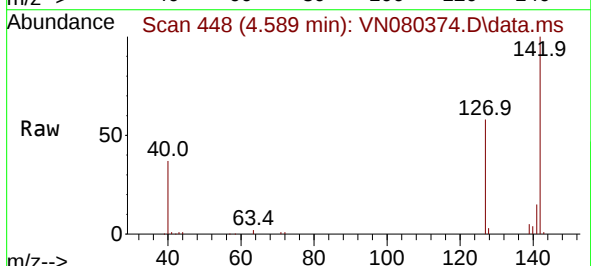
Manual Integrations
APPROVED

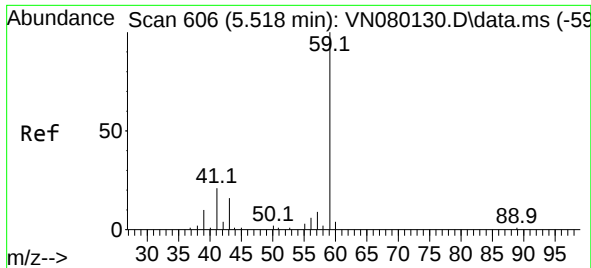
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#10
Methyl Iodide
Concen: 52.861 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

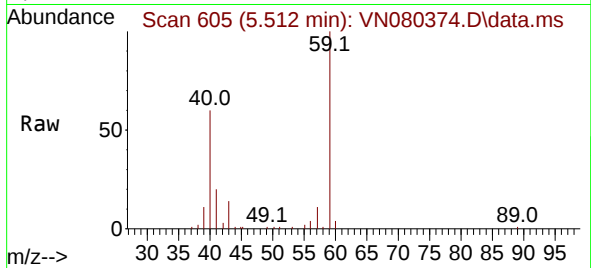
Tgt Ion:142 Resp: 141427
Ion Ratio Lower Upper
142 100
127 57.7 37.6 56.4#
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 255.630 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

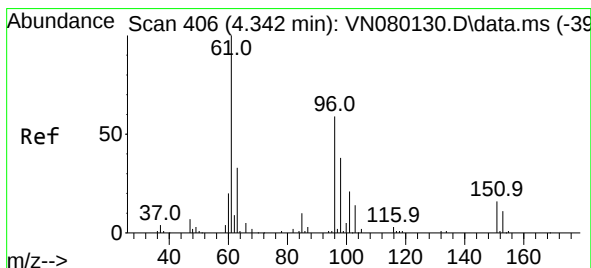
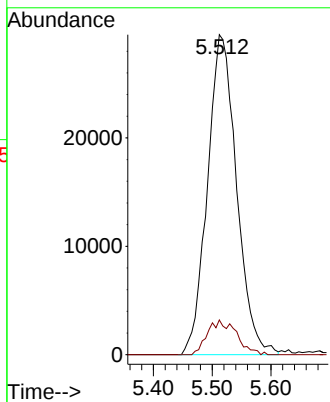
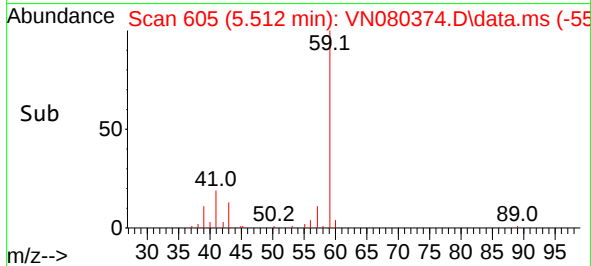
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



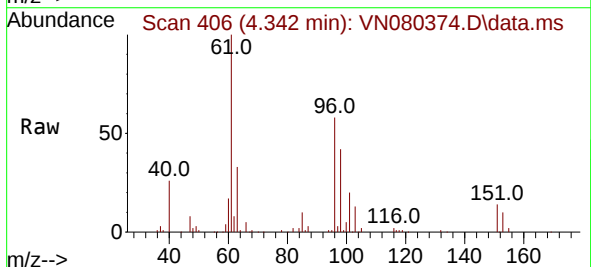
Tgt Ion: 59 Resp: 101689
Ion Ratio Lower Upper
59 100
57 6.8 8.2 12.4

Manual Integrations
APPROVED

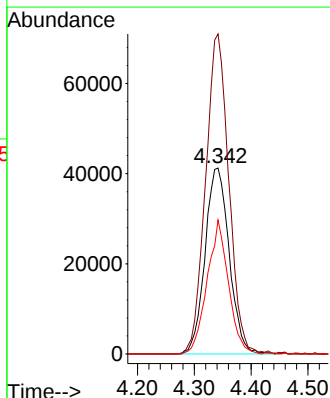
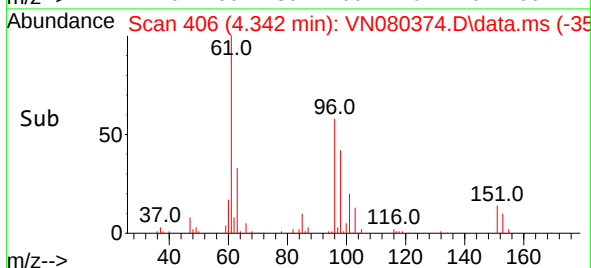
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

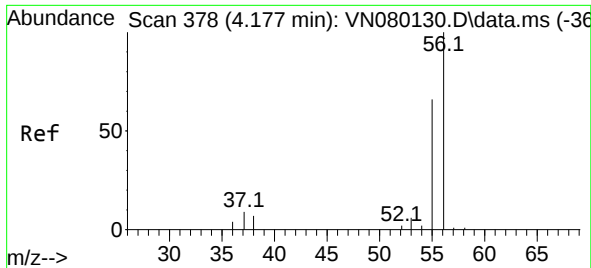


#12
1,1-Dichloroethene
Concen: 52.622 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



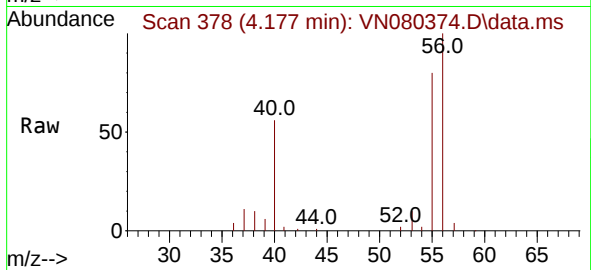
Tgt Ion: 96 Resp: 121847
Ion Ratio Lower Upper
96 100
61 172.1 112.7 169.1#
98 72.0 51.2 76.8





#13
Acrolein
Concen: 270.920 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

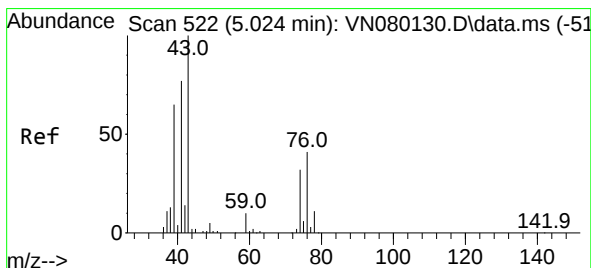
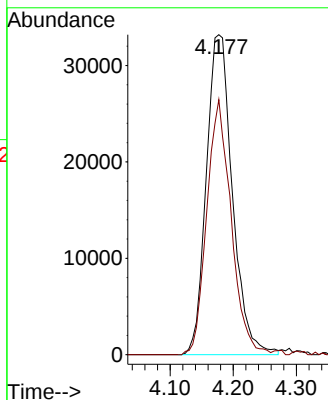
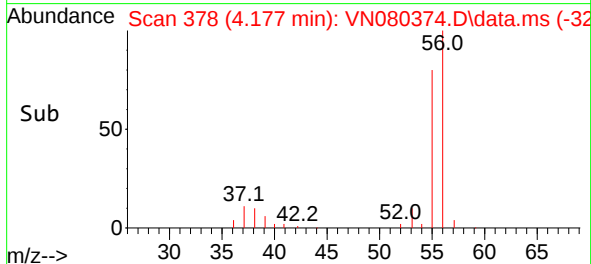
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 95370
Ion Ratio Lower Upper
56 100
55 74.4 54.5 81.7

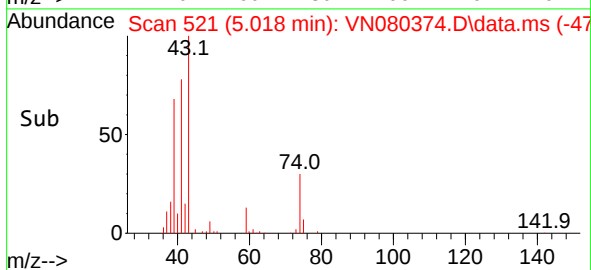
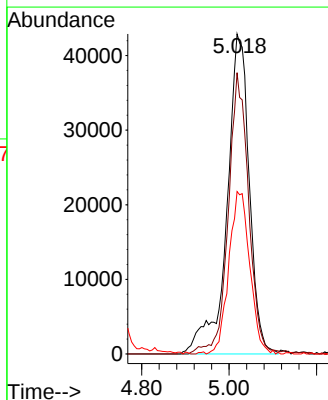
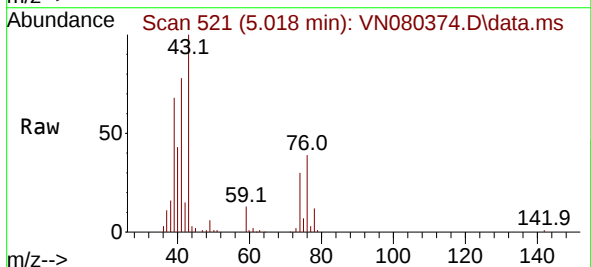
Manual Integrations
APPROVED

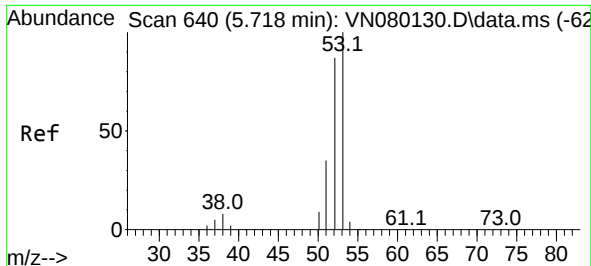
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#14
Allyl chloride
Concen: 52.673 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

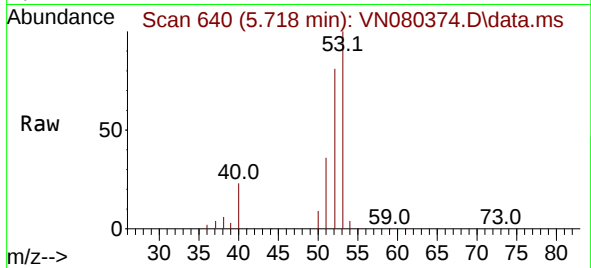
Tgt Ion: 41 Resp: 153449
Ion Ratio Lower Upper
41 100
39 79.2 58.8 88.2
76 47.3 39.1 58.7





#15
Acrylonitrile
Concen: 244.364 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

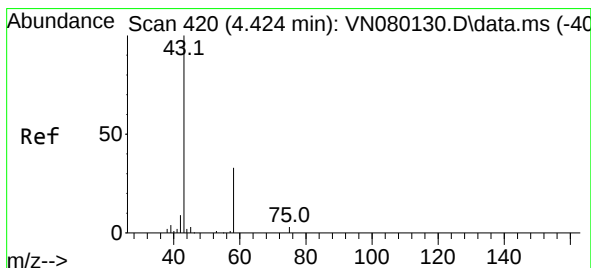
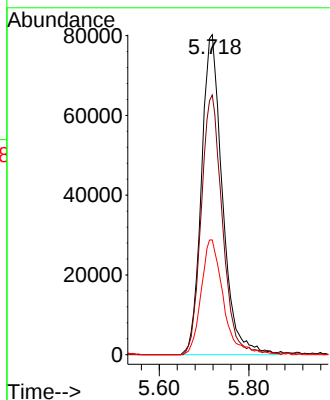
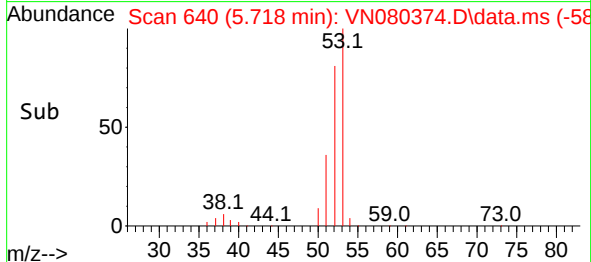
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 260950
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 37.9 28.9 43.3

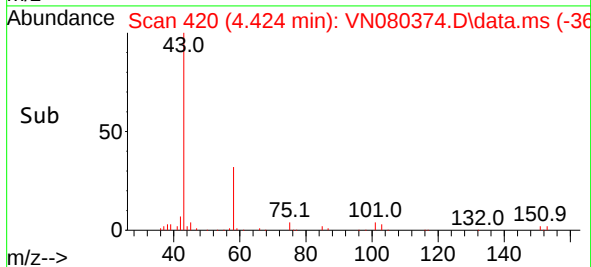
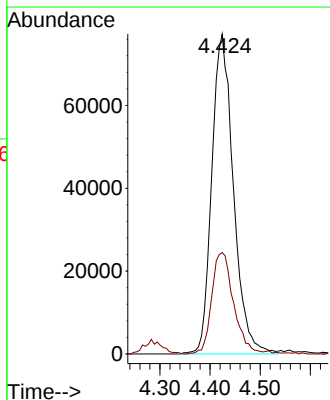
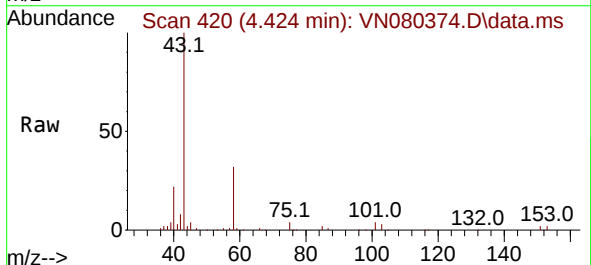
Manual Integrations
APPROVED

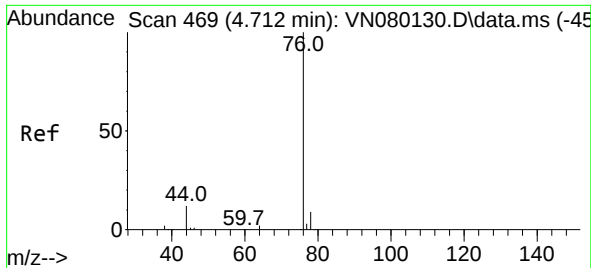
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#16
Acetone
Concen: 190.703 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion: 43 Resp: 231701
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





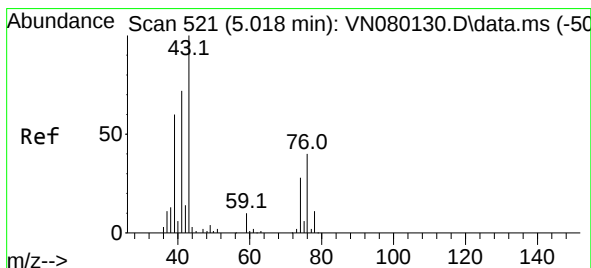
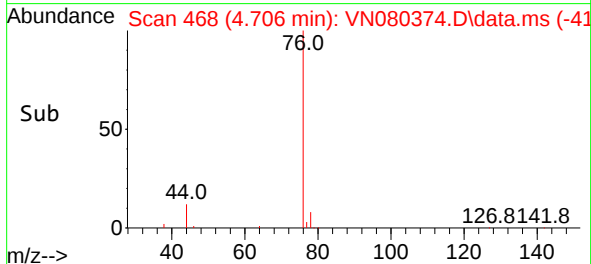
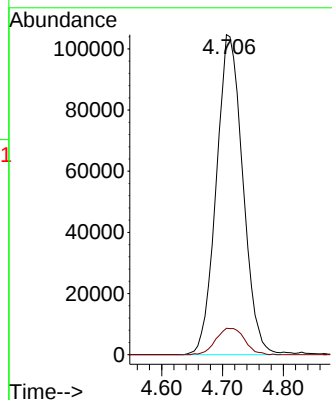
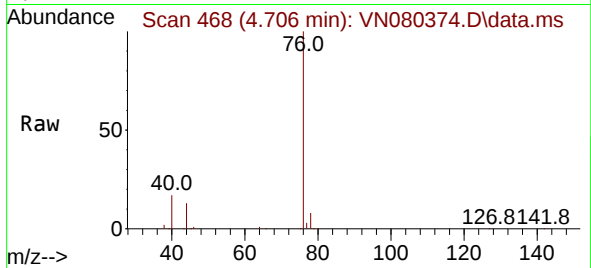
#17
Carbon Disulfide
Concen: 45.773 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 316460
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

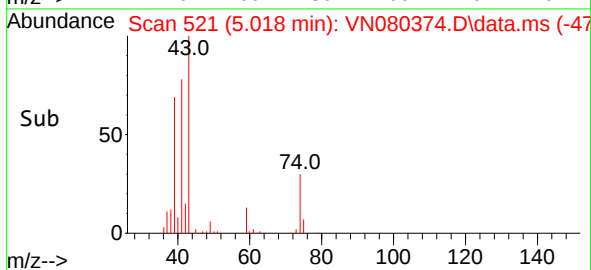
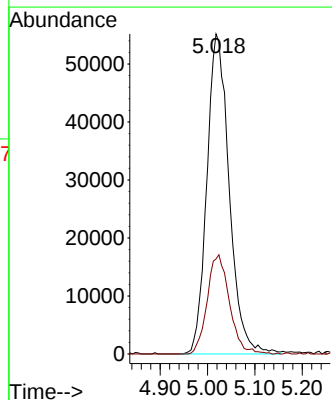
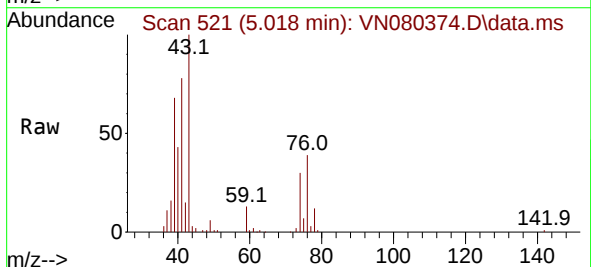
Manual Integrations
APPROVED

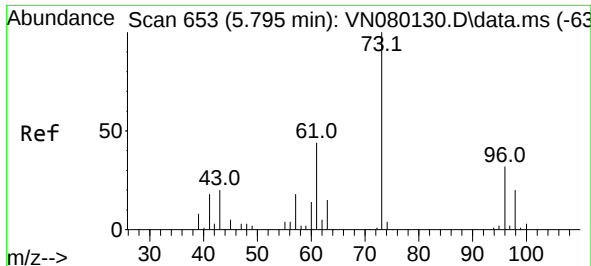
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#18
Methyl Acetate
Concen: 46.359 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion: 43 Resp: 180973
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4





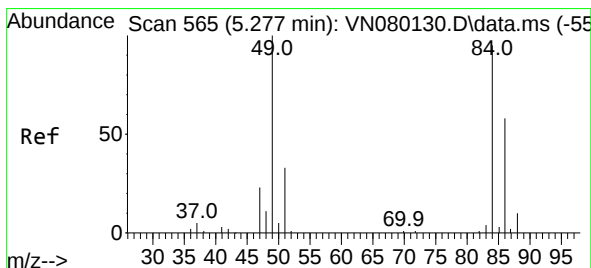
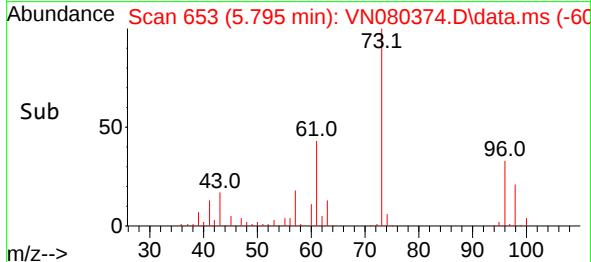
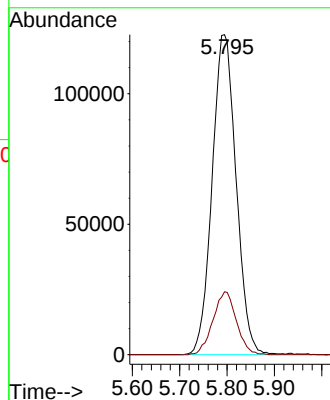
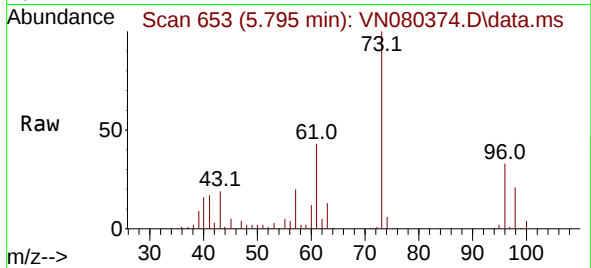
#19
Methyl tert-butyl Ether
Concen: 52.771 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 431518
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

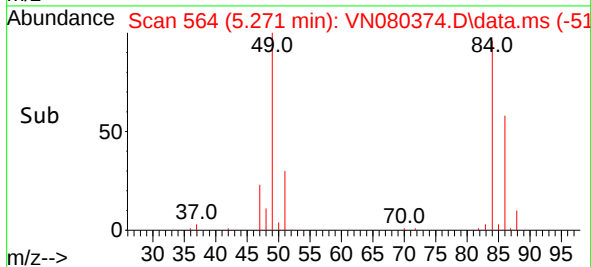
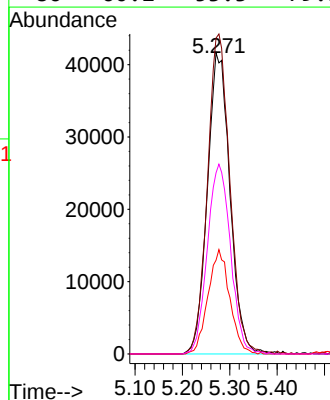
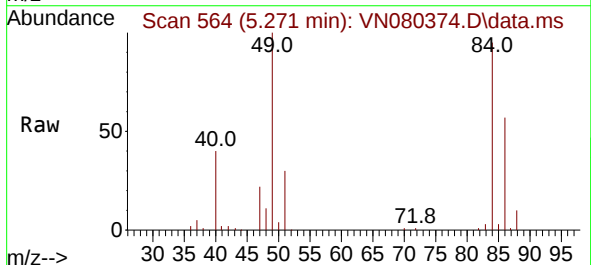
Manual Integrations
APPROVED

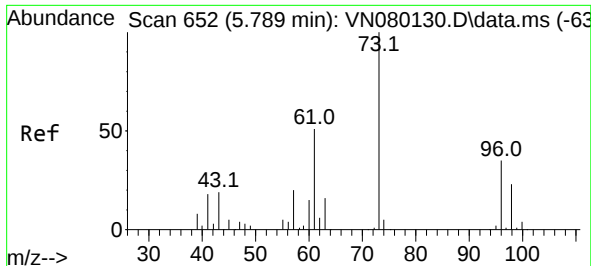
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#20
Methylene Chloride
Concen: 54.375 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

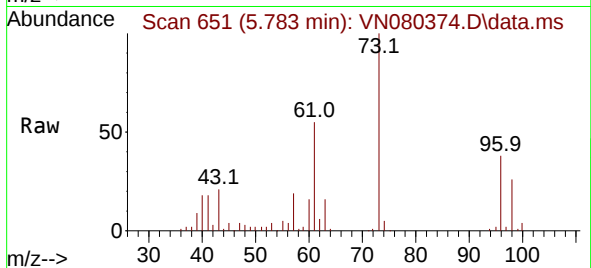
Tgt Ion: 84 Resp: 138349
Ion Ratio Lower Upper
84 100
49 104.9 79.7 119.5
51 31.2 25.2 37.8
86 60.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.309 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

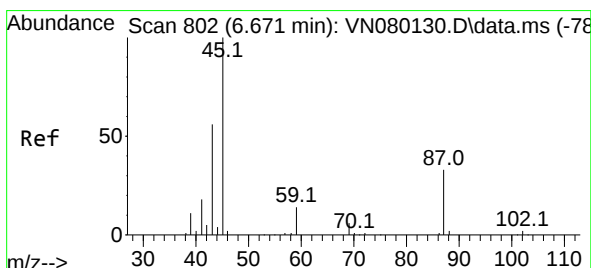
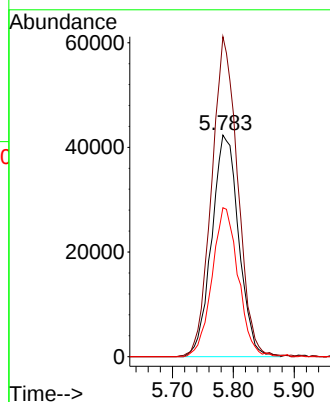
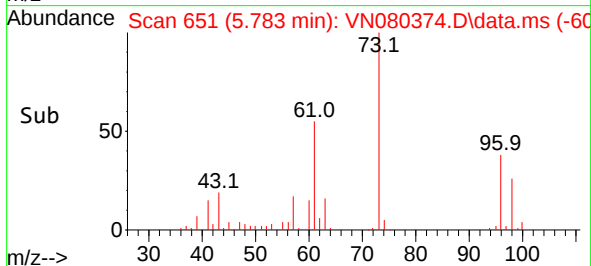
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



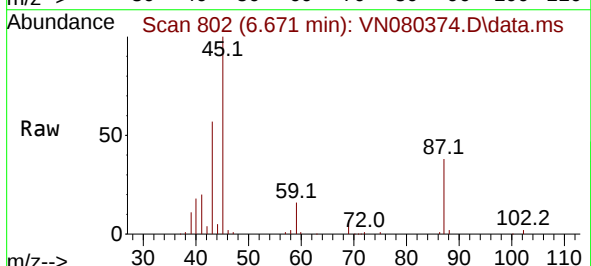
Tgt Ion: 96 Resp: 130518
Ion Ratio Lower Upper
96 100
61 144.0 90.1 135.1
98 67.2 46.4 69.6

Manual Integrations
APPROVED

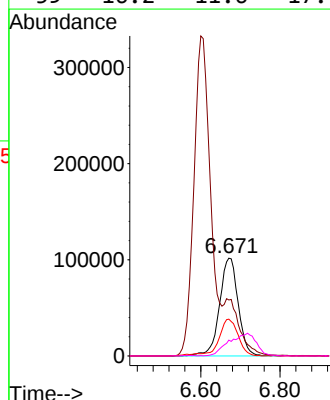
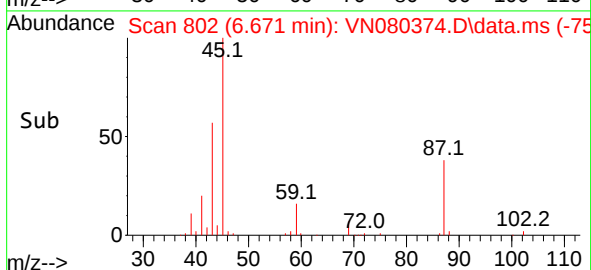
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

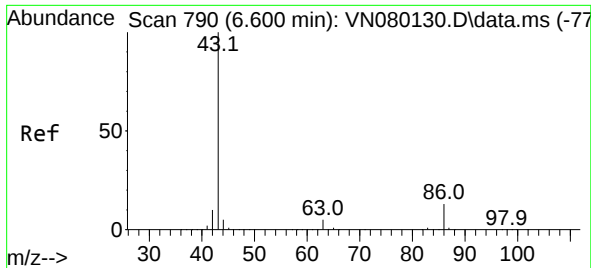


#22
Diisopropyl ether
Concen: 51.558 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



Tgt Ion: 45 Resp: 332312
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 37.7 31.8 47.8
59 16.2 11.6 17.4





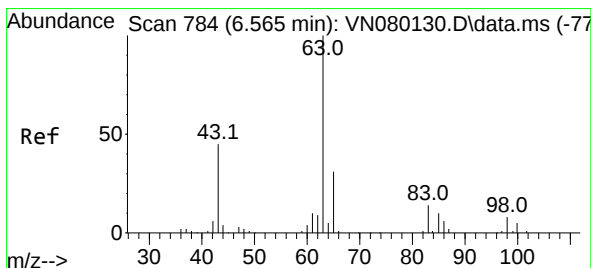
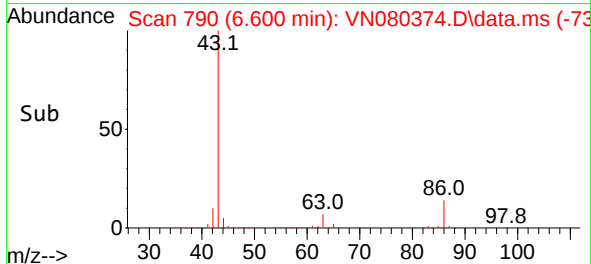
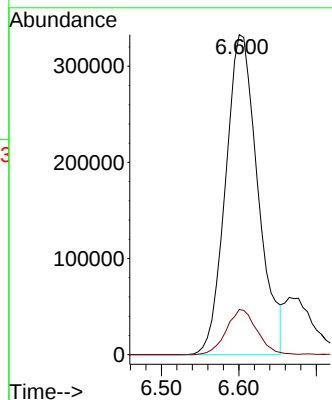
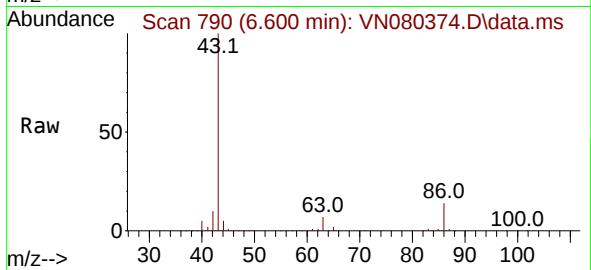
#23
 Vinyl Acetate
 Concen: 249.666 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080374.D
 Acq: 05 Dec 2023 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 967430
 Ion Ratio Lower Upper
 43 100
 86 14.1 13.0 19.6

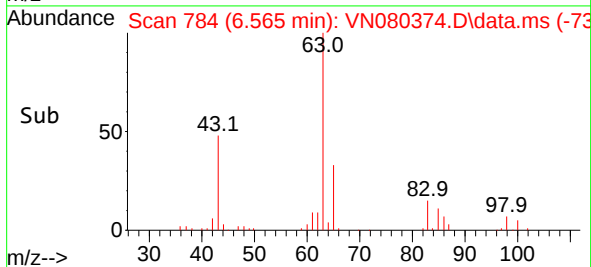
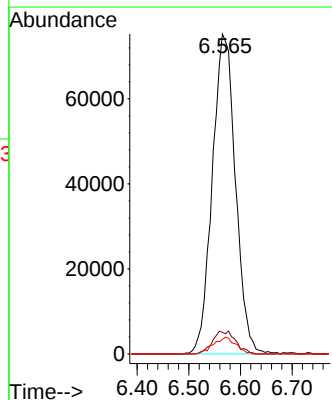
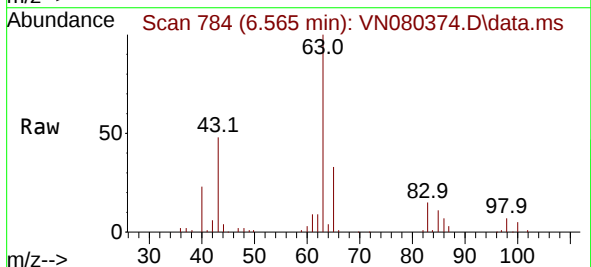
Manual Integrations
 APPROVED

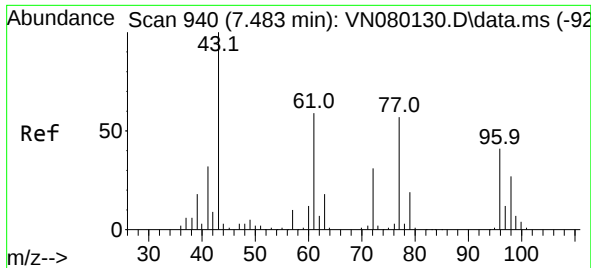
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#24
 1,1-Dichloroethane
 Concen: 49.898 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080374.D
 Acq: 05 Dec 2023 18:32

Tgt Ion: 63 Resp: 234242
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.6 2.5 7.4





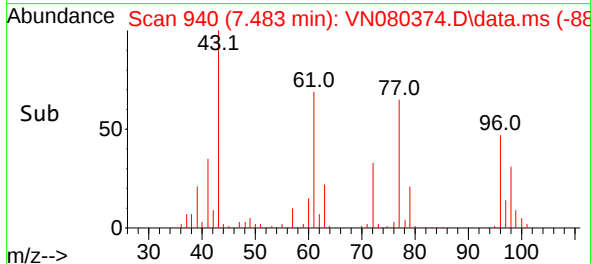
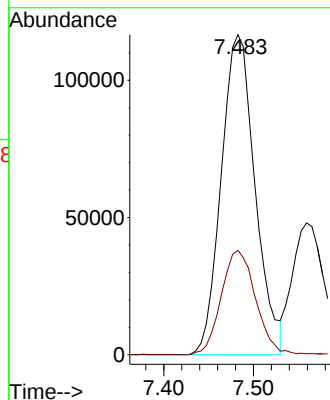
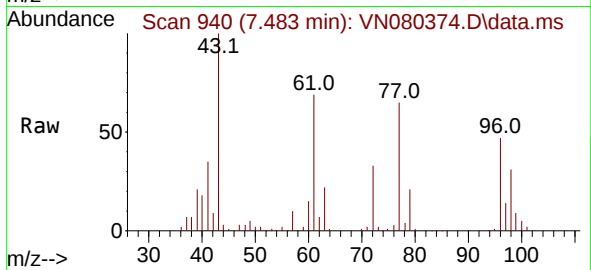
#25
2-Butanone
Concen: 211.800 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30574
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2

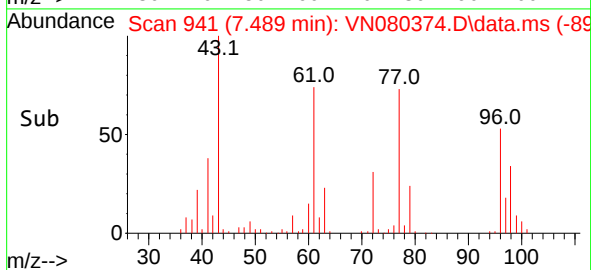
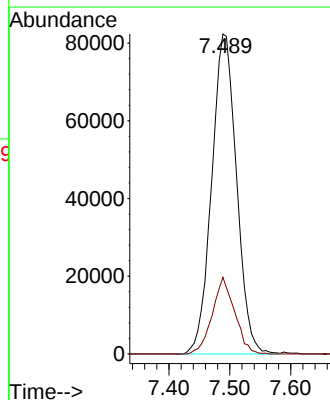
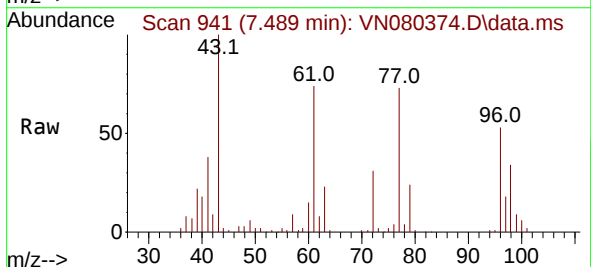
Manual Integrations
APPROVED

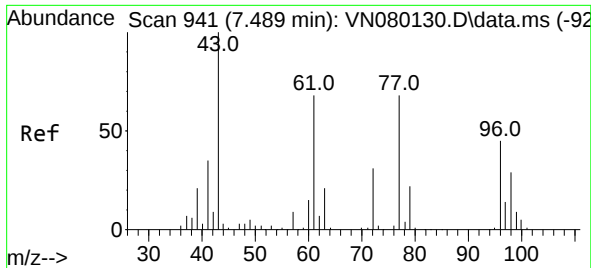
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#26
2,2-Dichloropropane
Concen: 50.161 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

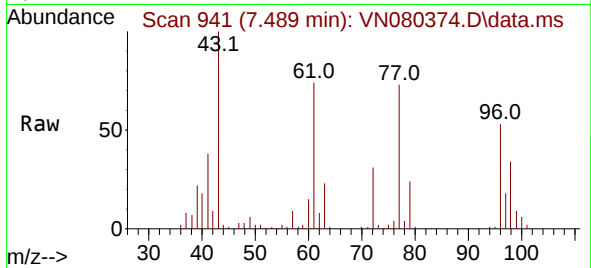
Tgt Ion: 77 Resp: 233624
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.076 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080374.D
 Acq: 05 Dec 2023 18:32

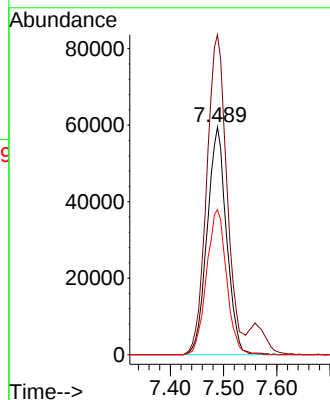
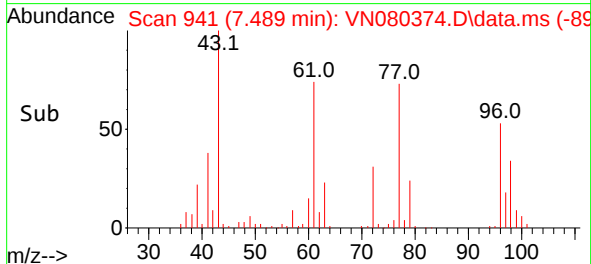
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 150188
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 255.2
 98 65.7 0.0 128.8

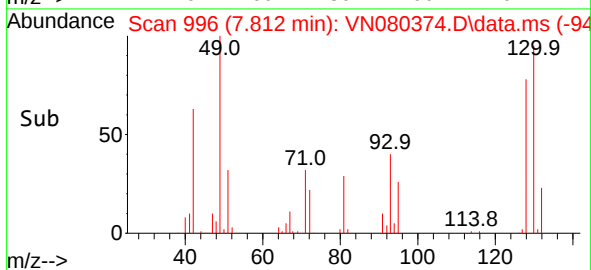
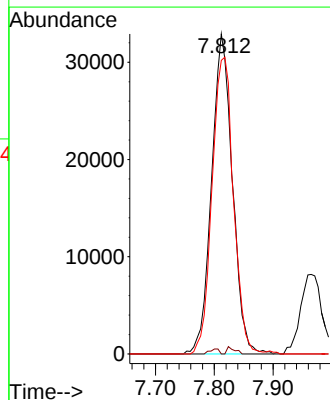
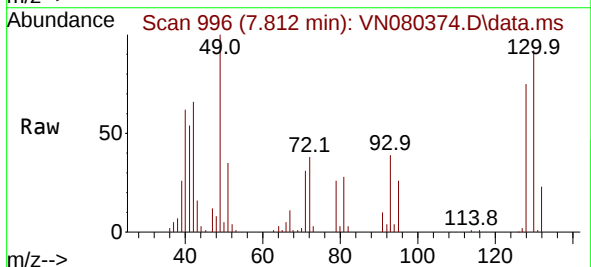
Manual Integrations
 APPROVED

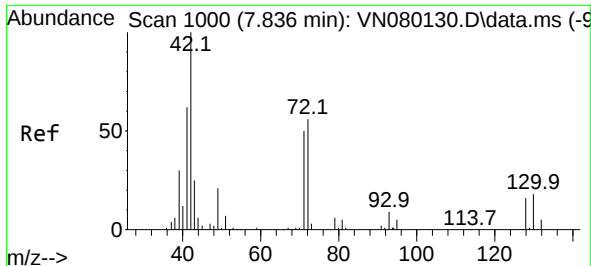
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#28
 Bromochloromethane
 Concen: 43.941 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080374.D
 Acq: 05 Dec 2023 18:32

Tgt Ion: 49 Resp: 81096
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 95.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 239.464 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

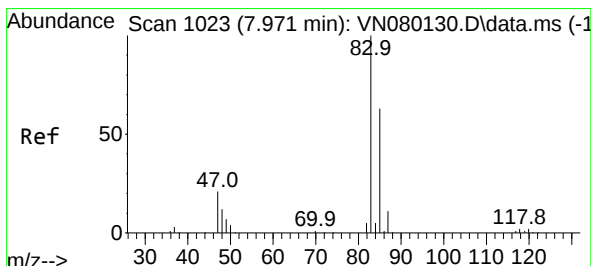
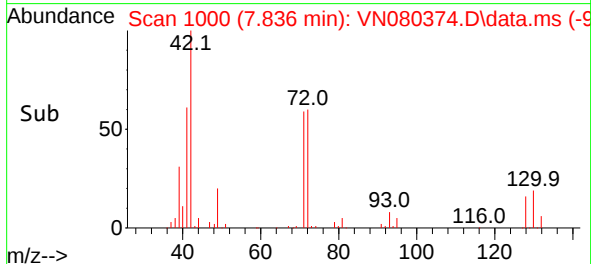
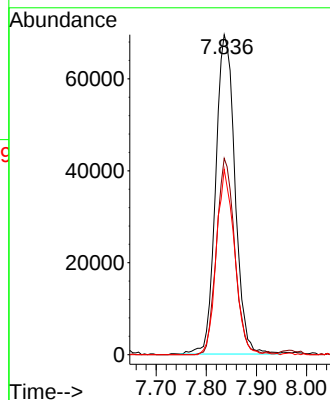
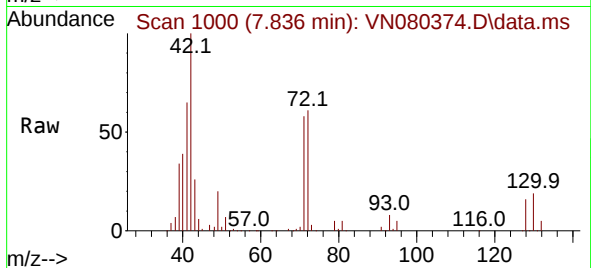
Tgt Ion:	42	Resp:	18558
Ion	Ratio	Lower	Upper
42	100		
72	58.2	49.8	74.6
71	55.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#30

Chloroform

Concen: 53.307 ug/l

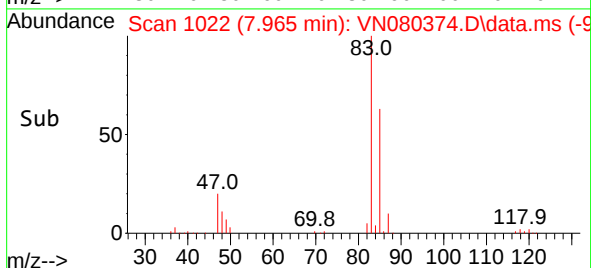
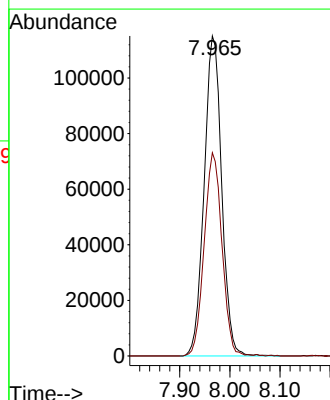
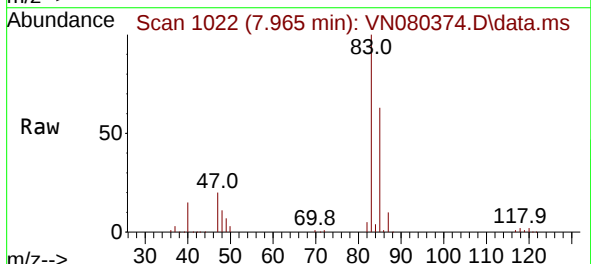
RT: 7.965 min Scan# 1022

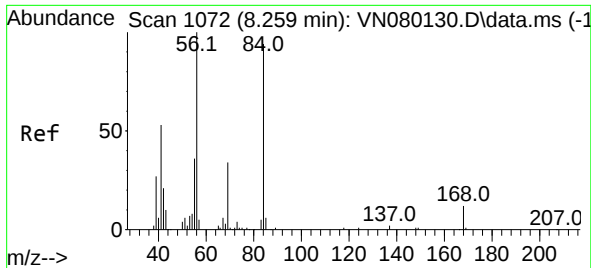
Delta R.T. -0.006 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

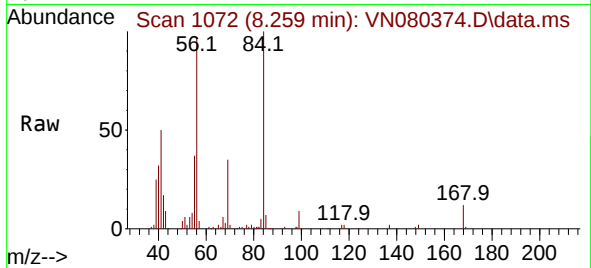
Tgt Ion:	83	Resp:	279702
Ion	Ratio	Lower	Upper
83	100		
85	63.5	55.4	83.0





#31
Cyclohexane
Concen: 45.327 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

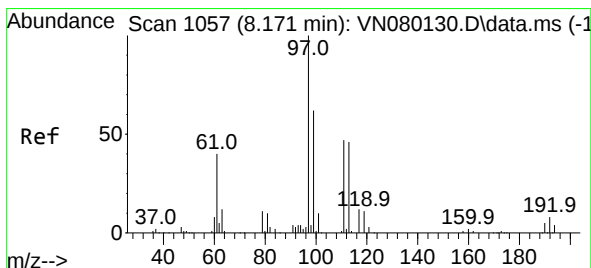
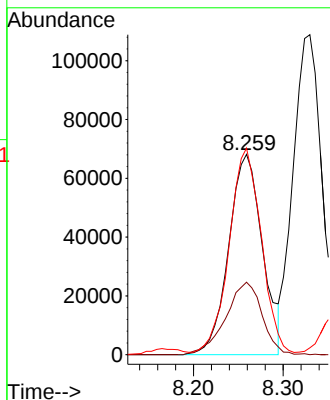
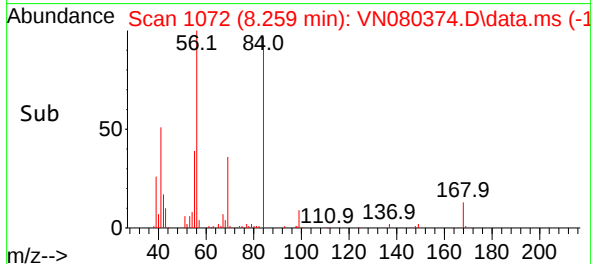
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



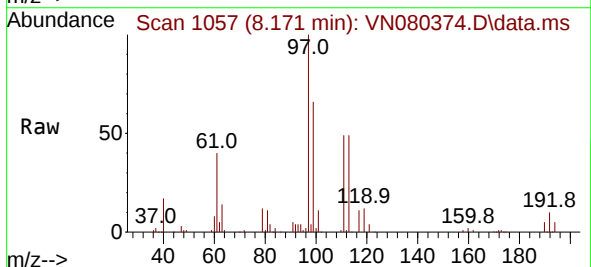
Tgt Ion: 56 Resp: 17831
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 100.7 81.8 122.6

Manual Integrations
APPROVED

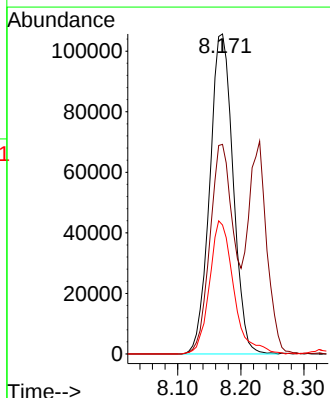
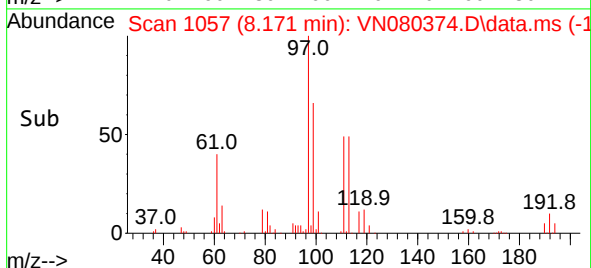
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

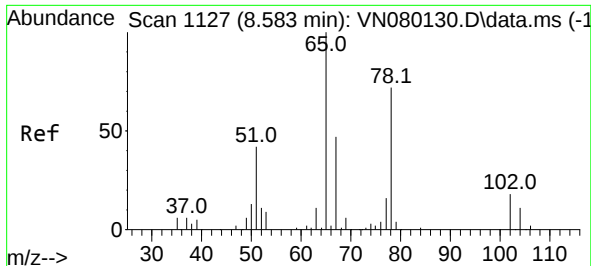


#32
1,1,1-Trichloroethane
Concen: 52.982 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



Tgt Ion: 97 Resp: 271106
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 43.2 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 47.650 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

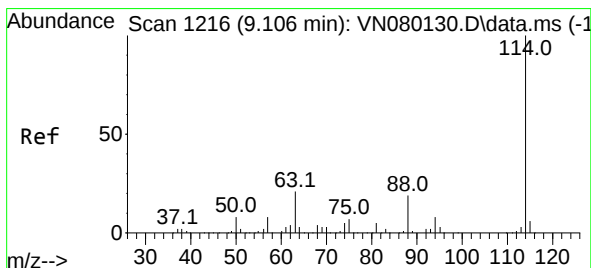
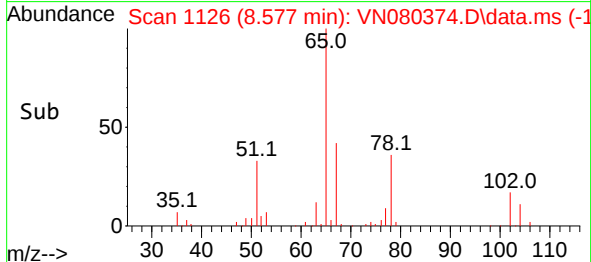
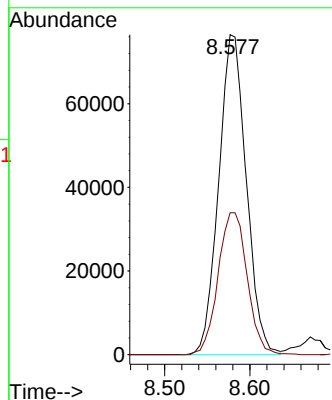
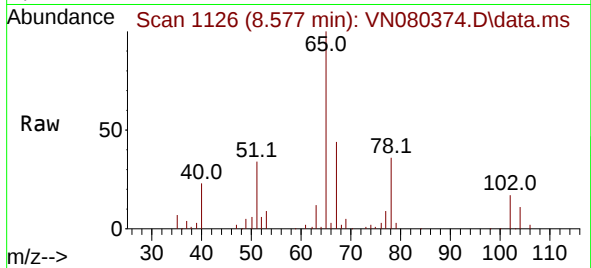
VSTDC050EC

Tgt Ion: 65 Resp: 17236
Ion Ratio Lower Upper
65 100
67 46.8 0.0 106.6

Manual Integrations

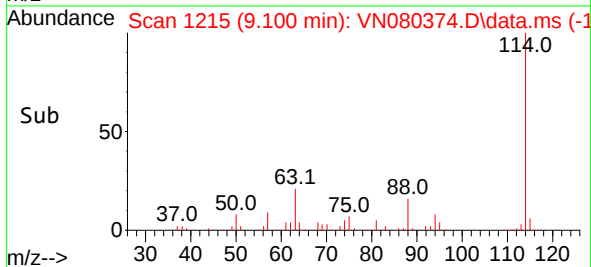
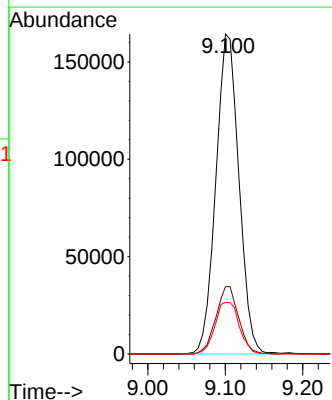
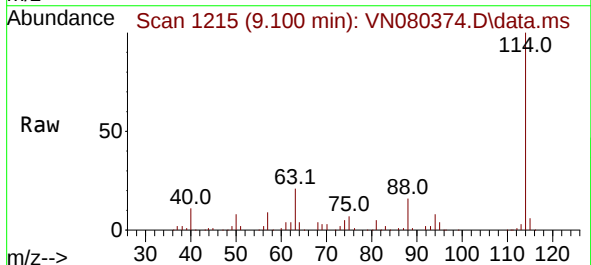
APPROVED

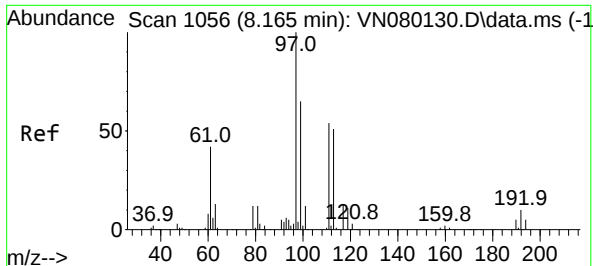
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion:114 Resp: 339571
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.442 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080374.D

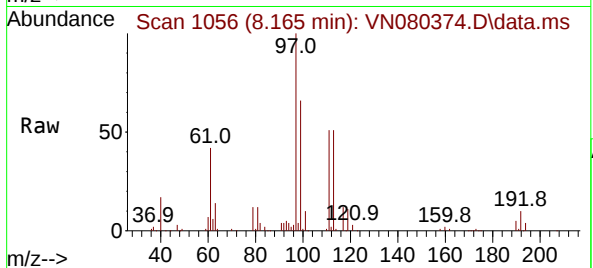
Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



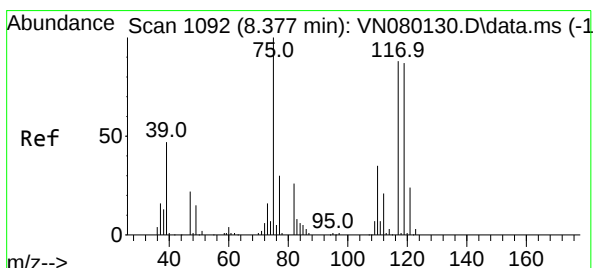
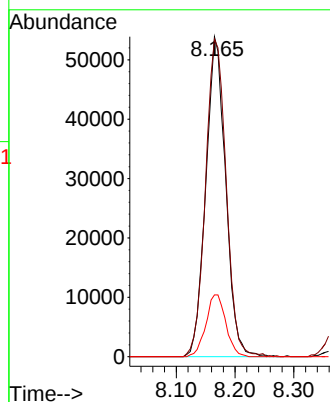
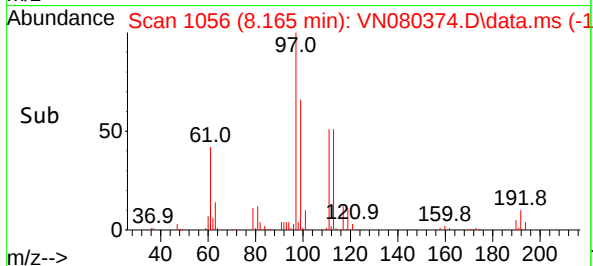
Tgt Ion:	113	Resp:	126380
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#36

1,1-Dichloropropene

Concen: 53.899 ug/l

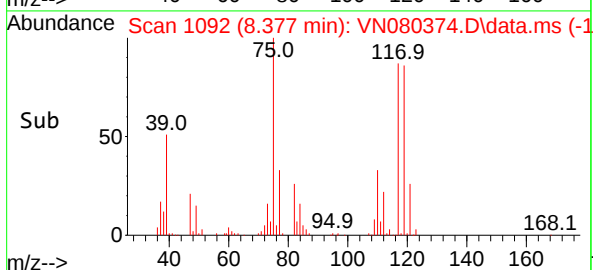
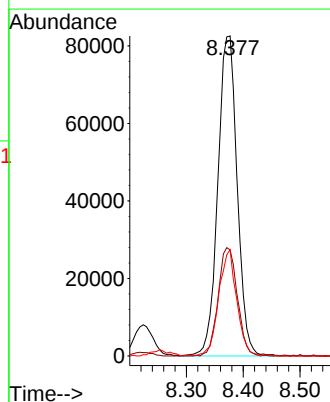
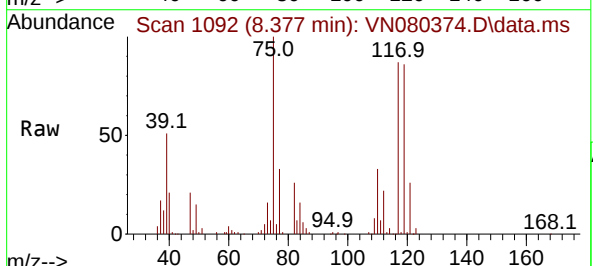
RT: 8.377 min Scan# 1092

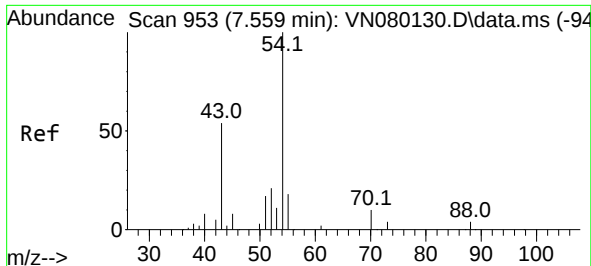
Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Tgt Ion:	75	Resp:	195524
Ion	Ratio	Lower	Upper
75	100		
110	33.6	19.1	57.3
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 48.459 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 121933

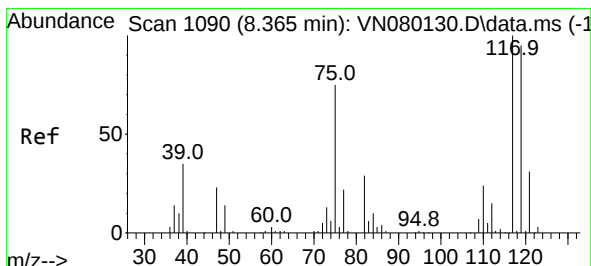
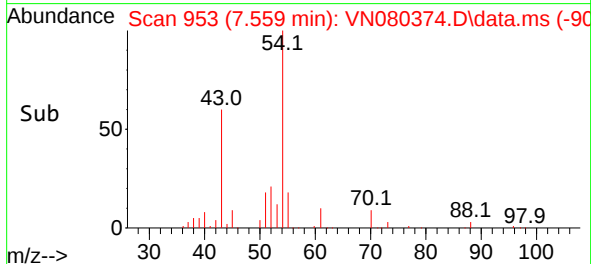
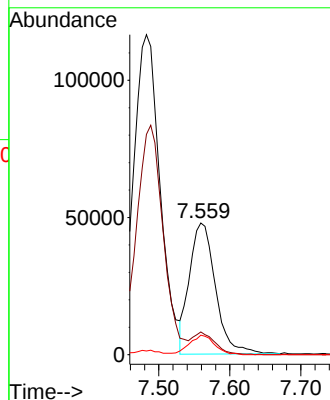
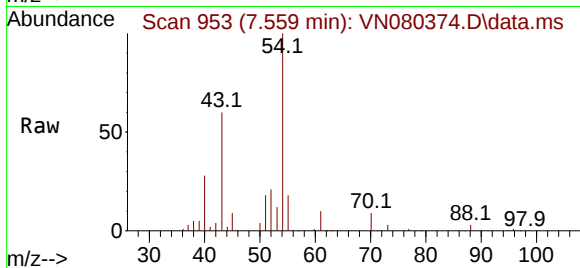
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	14.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#38

Carbon Tetrachloride

Concen: 54.293 ug/l

RT: 8.365 min Scan# 1090

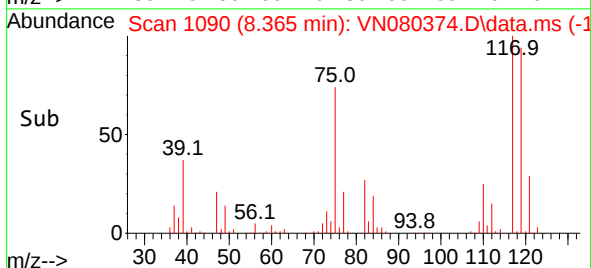
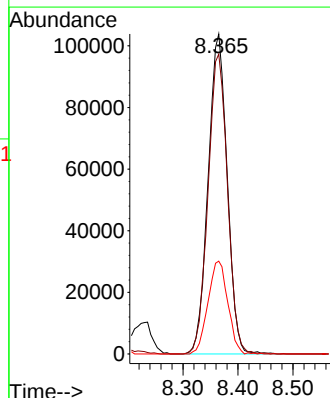
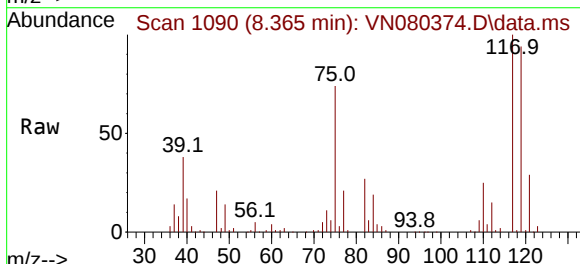
Delta R.T. -0.000 min

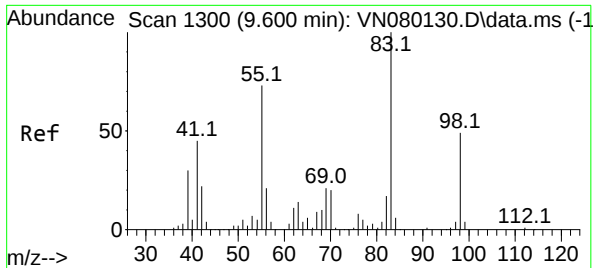
Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Tgt Ion:117 Resp: 249933

Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.3	115.9
121	29.0	23.3	34.9





#39

Methylcyclohexane

Concen: 50.739 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 177474

Ion Ratio Lower Upper

83 100

55 72.4 49.1 73.7

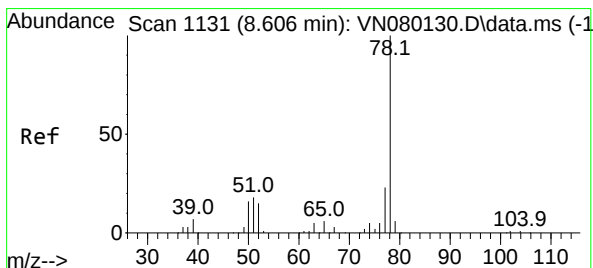
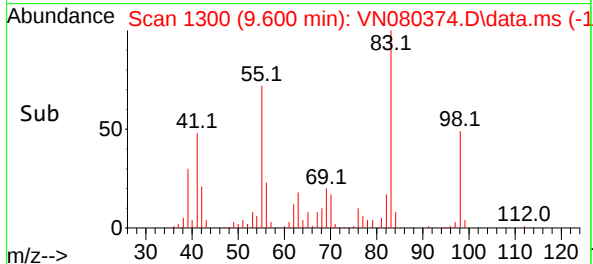
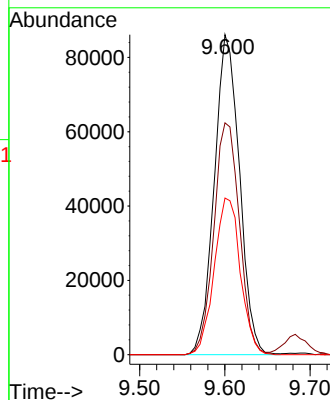
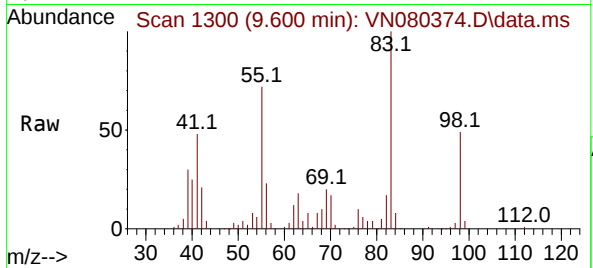
98 49.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#40

Benzene

Concen: 52.877 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080374.D

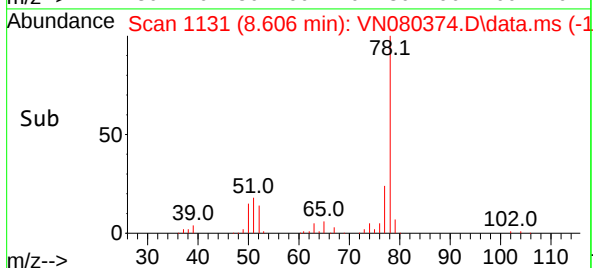
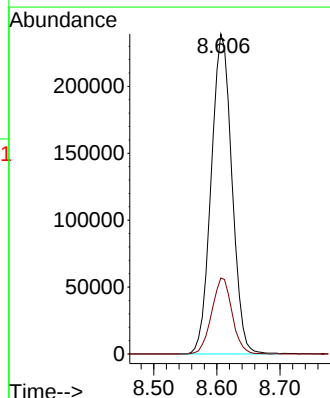
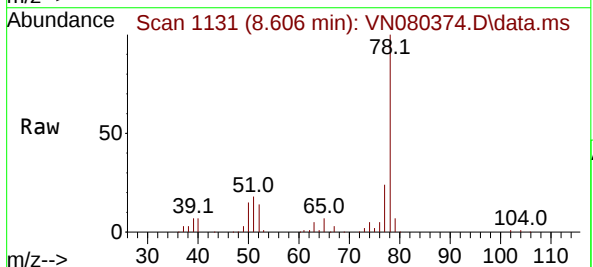
Acq: 05 Dec 2023 18:32

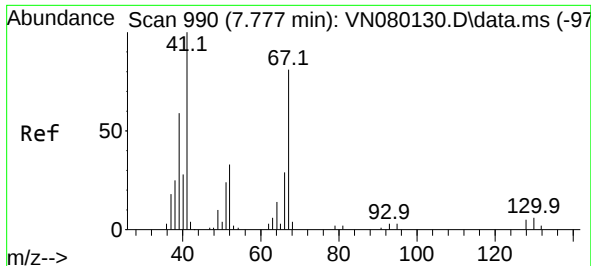
Tgt Ion: 78 Resp: 545167

Ion Ratio Lower Upper

78 100

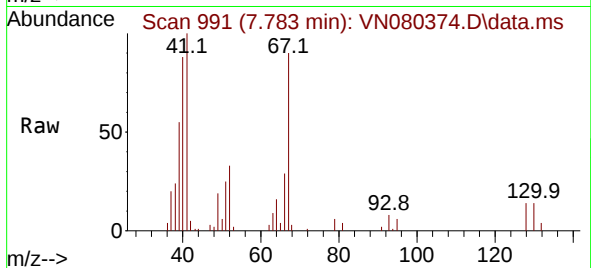
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 51.629 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

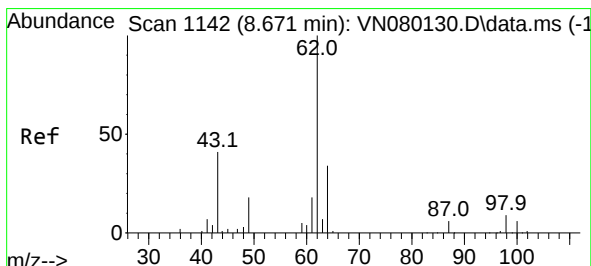
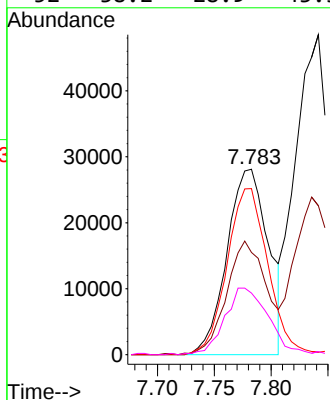
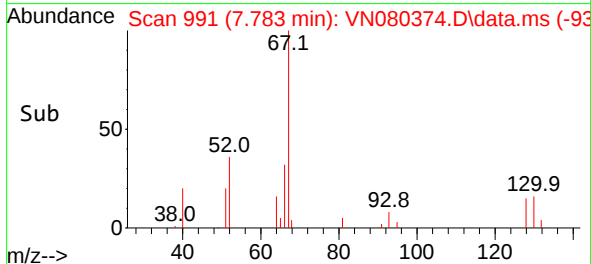
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7134
Ion Ratio Lower Upper
41 100
39 59.0 42.6 64.0
67 88.8 77.5 116.3
52 38.2 28.9 43.3

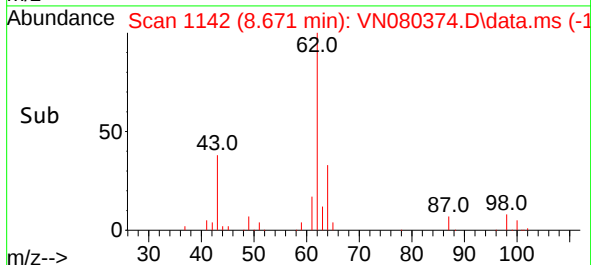
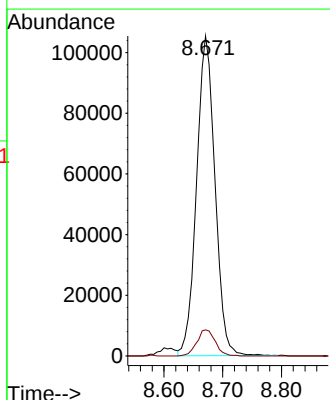
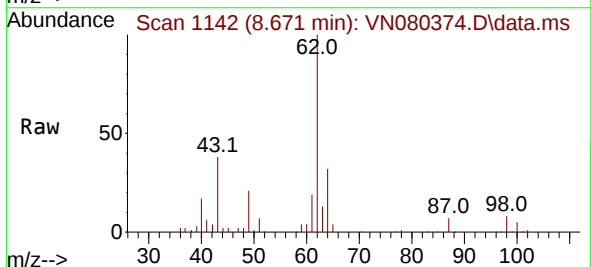
Manual Integrations
APPROVED

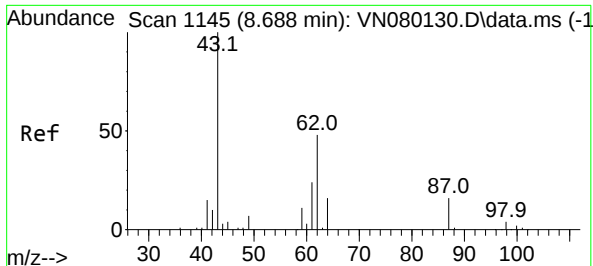
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#42
1,2-Dichloroethane
Concen: 54.346 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion: 62 Resp: 229236
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 45.397 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22228

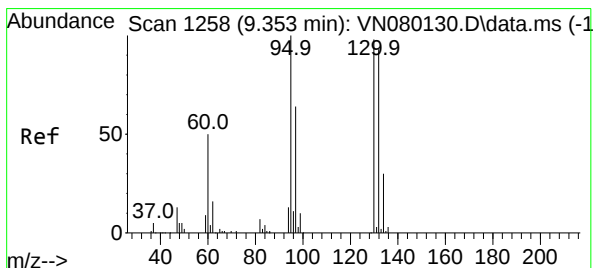
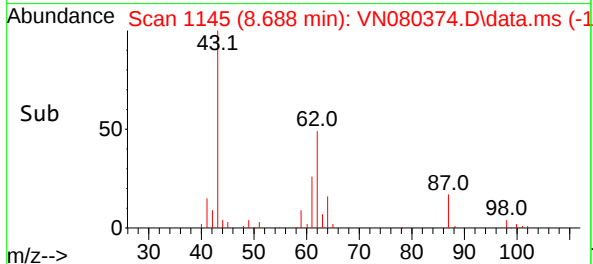
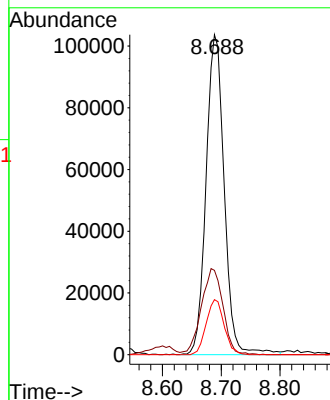
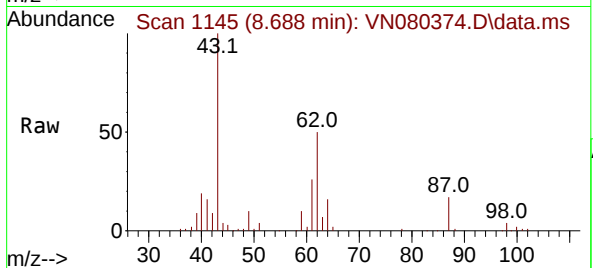
Ion	Ratio	Lower	Upper
43	100		
61	32.1	24.7	37.1
87	17.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#44

Trichloroethene

Concen: 54.337 ug/l

RT: 9.353 min Scan# 1258

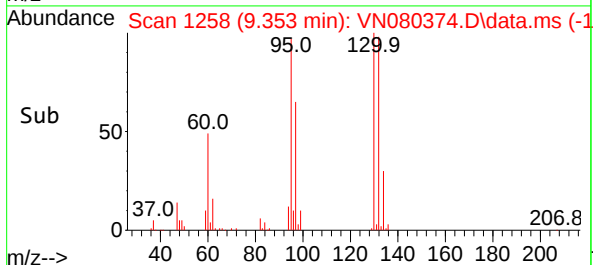
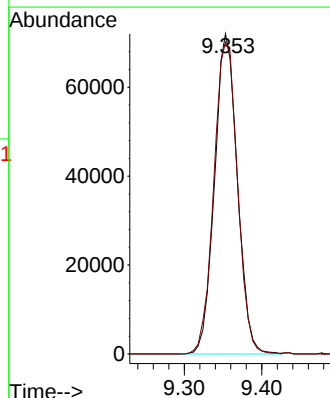
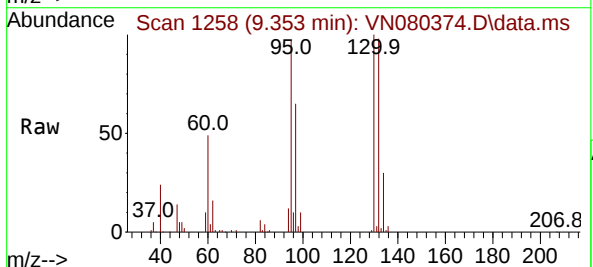
Delta R.T. -0.000 min

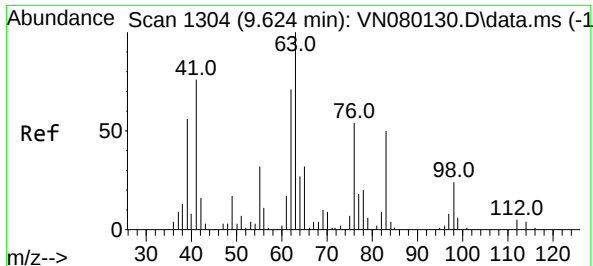
Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Tgt Ion:130 Resp: 146953

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 53.009 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 127009

Ion Ratio Lower Upper

63 100

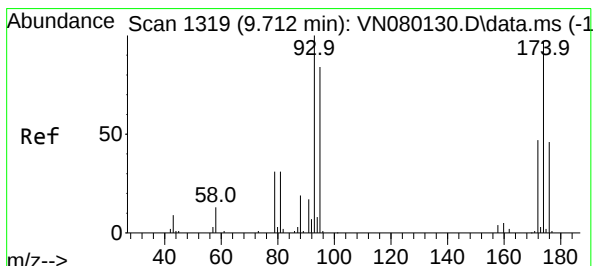
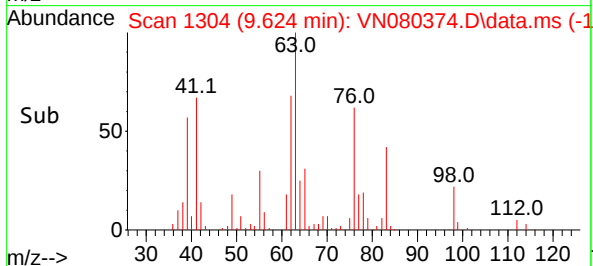
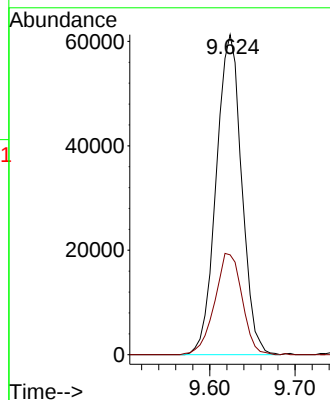
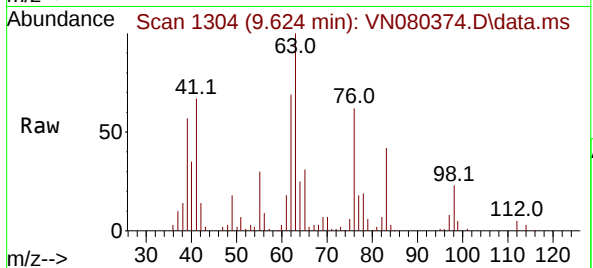
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#46

Dibromomethane

Concen: 52.944 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

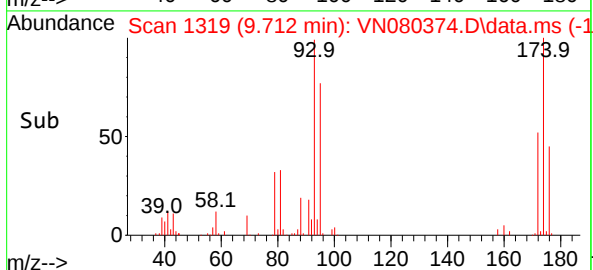
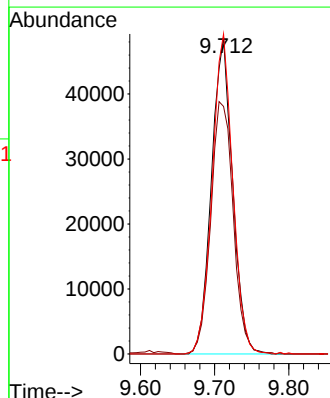
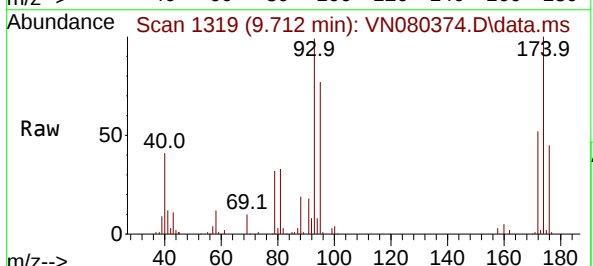
Tgt Ion: 93 Resp: 96024

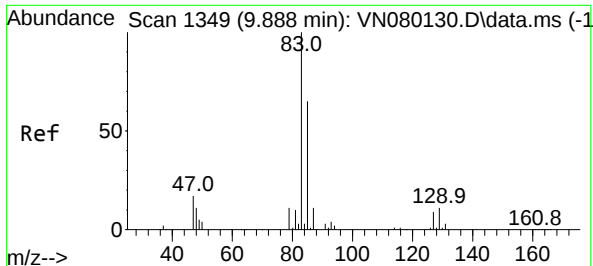
Ion Ratio Lower Upper

93 100

95 85.3 63.8 95.8

174 99.5 65.6 98.4#





#47

Bromodichloromethane

Concen: 54.591 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21779

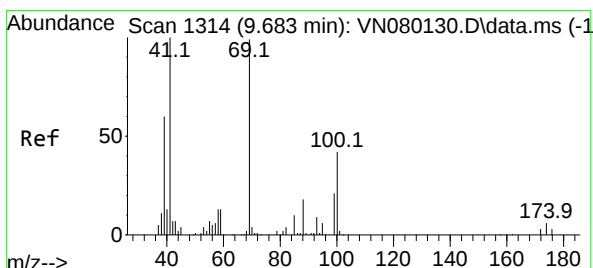
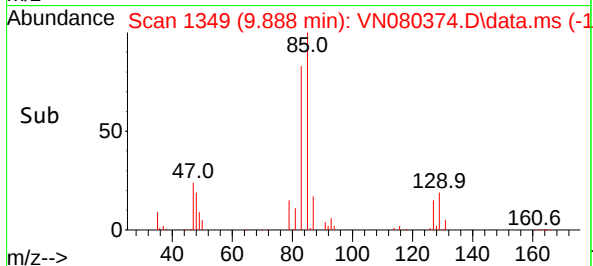
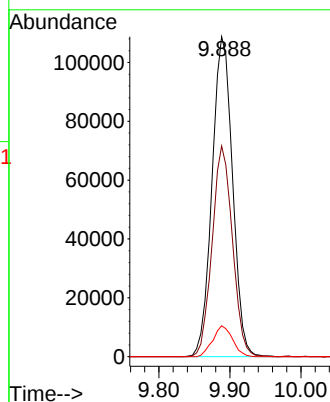
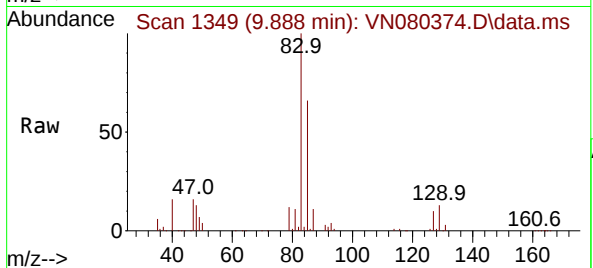
Ion	Ratio	Lower	Upper
83	100		
85	65.9	49.6	74.4
127	9.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#48

Methyl methacrylate

Concen: 52.877 ug/l

RT: 9.682 min Scan# 1314

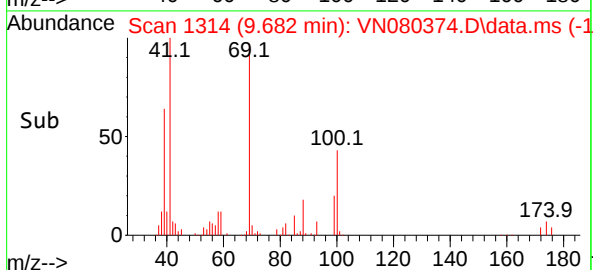
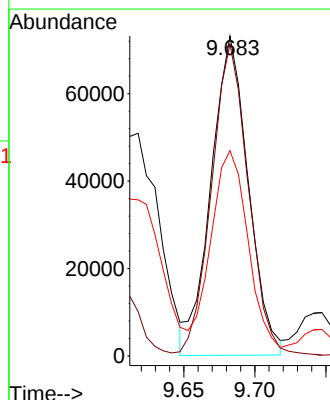
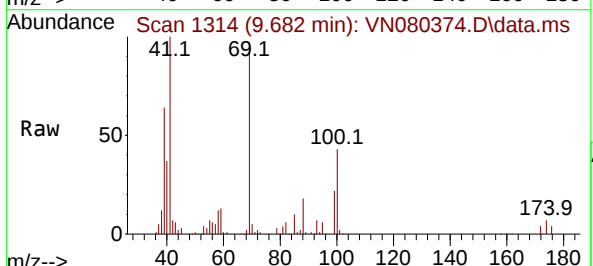
Delta R.T. -0.000 min

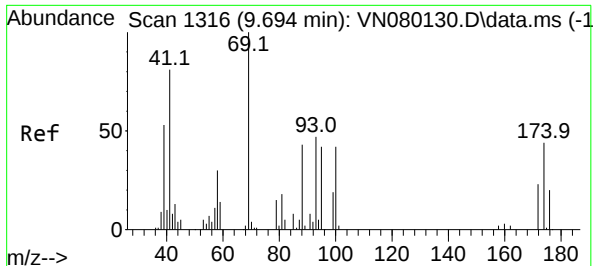
Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Tgt Ion: 41 Resp: 133428

Ion	Ratio	Lower	Upper
41	100		
69	96.3	90.4	135.6
39	65.2	54.6	81.8





#49

1,4-Dioxane

Concen: 982.272 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 41235

Ion Ratio Lower Upper

88 100

43 28.2 17.0 25.6

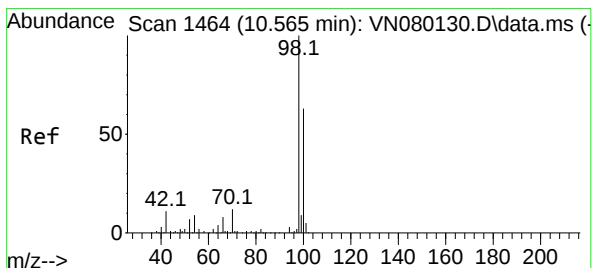
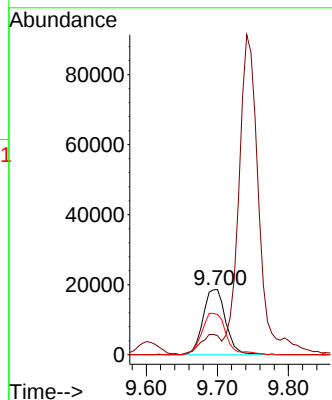
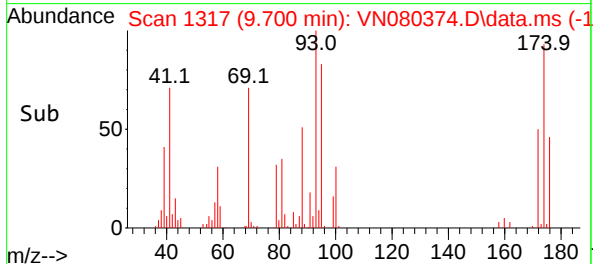
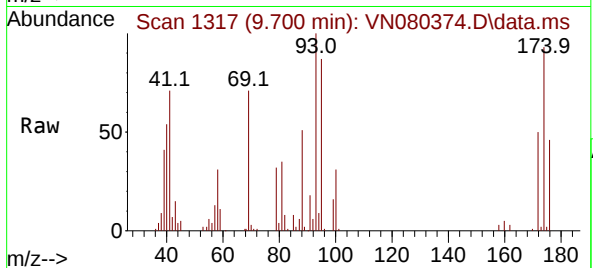
58 68.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#50

Toluene-d8

Concen: 50.024 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080374.D

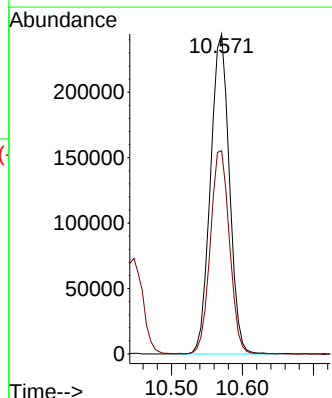
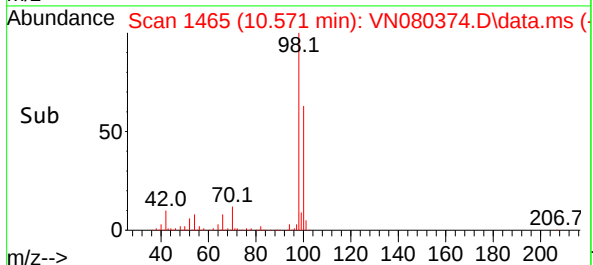
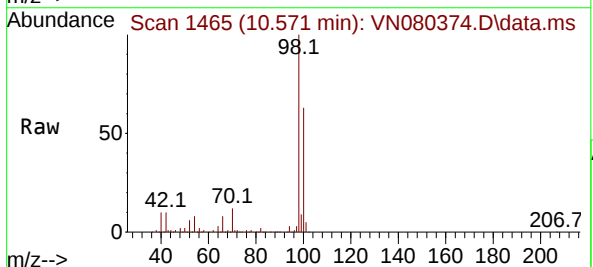
Acq: 05 Dec 2023 18:32

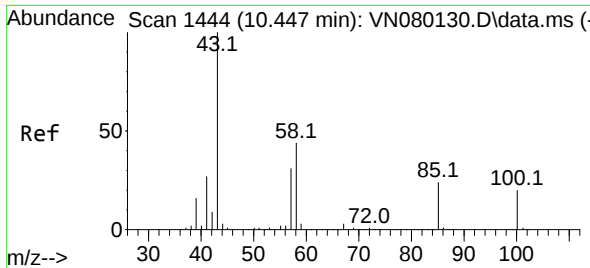
Tgt Ion: 98 Resp: 451821

Ion Ratio Lower Upper

98 100

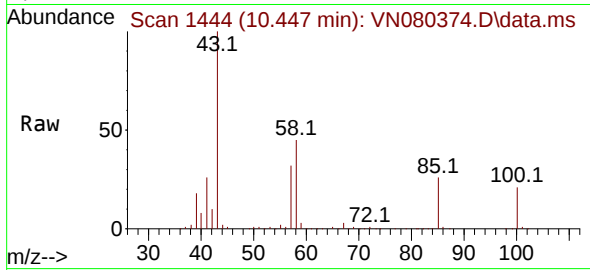
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 249.576 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

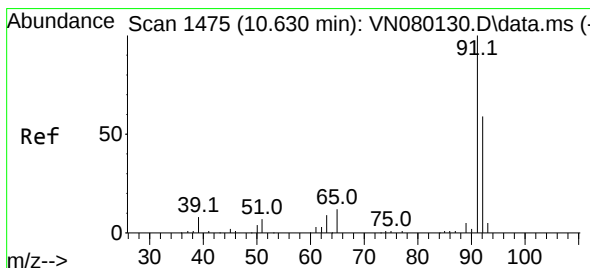
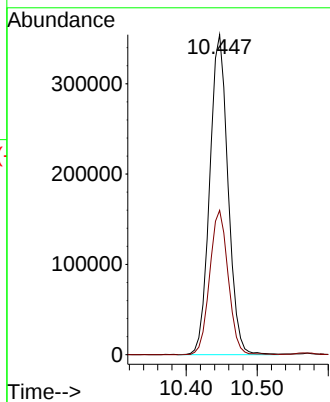
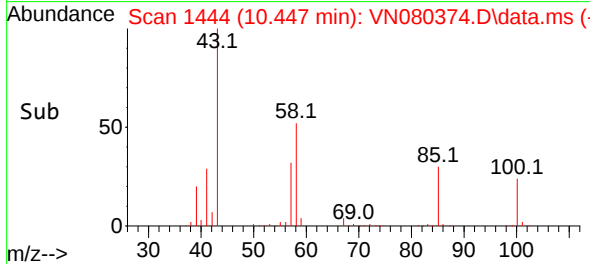
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 632688
Ion Ratio Lower Upper
43 100
58 45.6 36.6 54.8

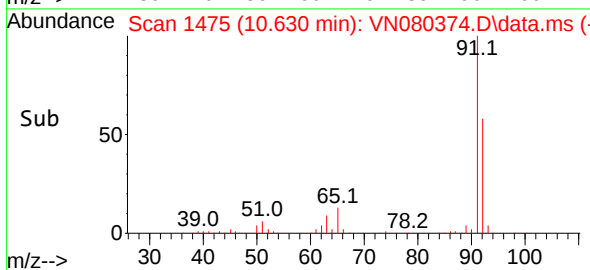
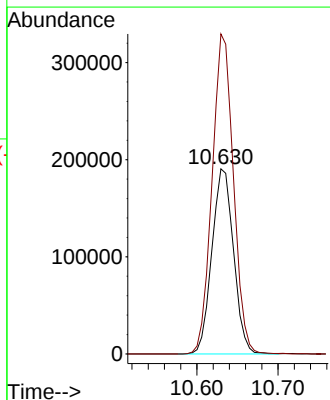
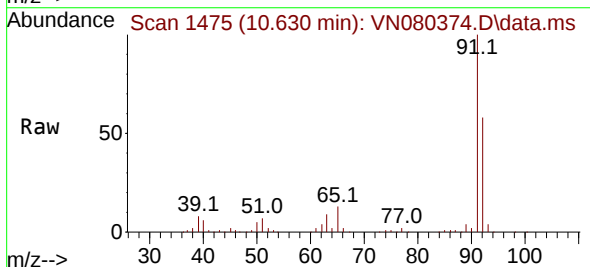
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#52
Toluene
Concen: 54.712 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

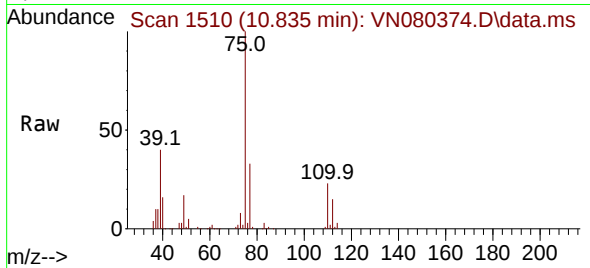
Tgt Ion: 92 Resp: 353016
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.088 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

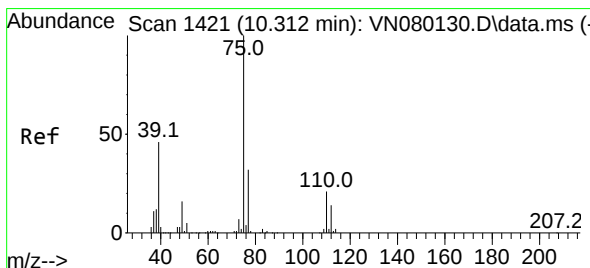
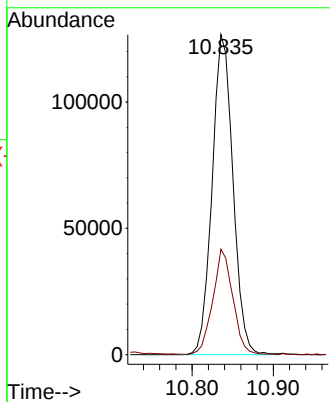
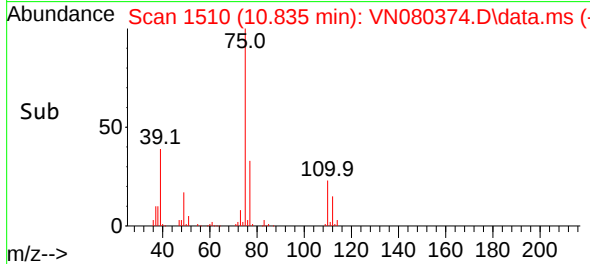
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



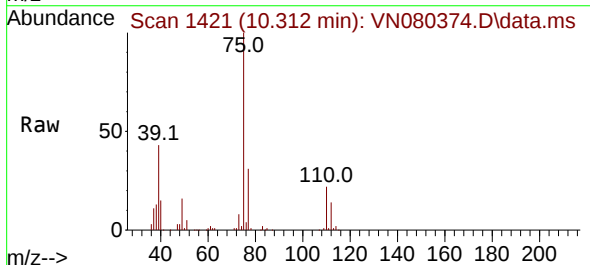
Tgt Ion: 75 Resp: 225800
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

Manual Integrations
APPROVED

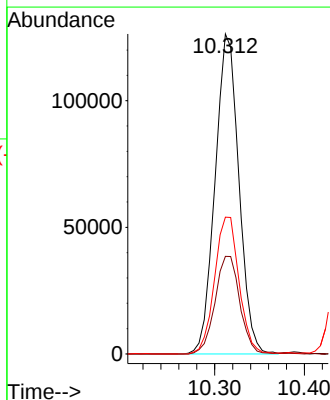
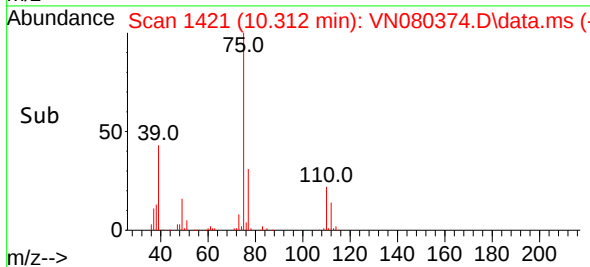
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

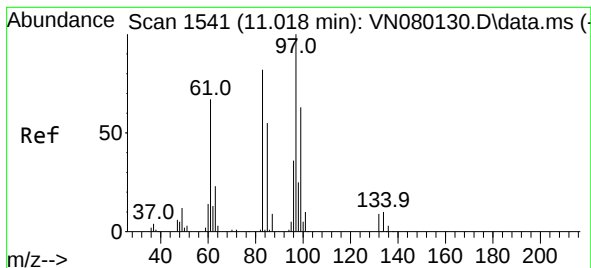


#54
cis-1,3-Dichloropropene
Concen: 55.555 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



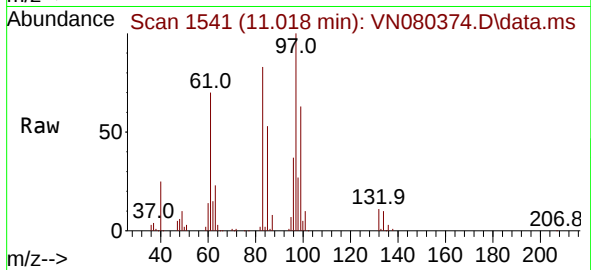
Tgt Ion: 75 Resp: 232648
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 42.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.268 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

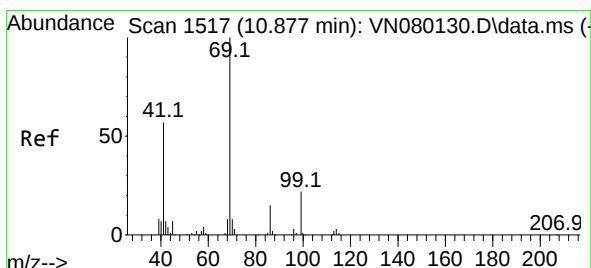
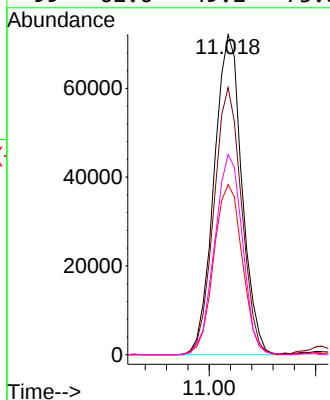
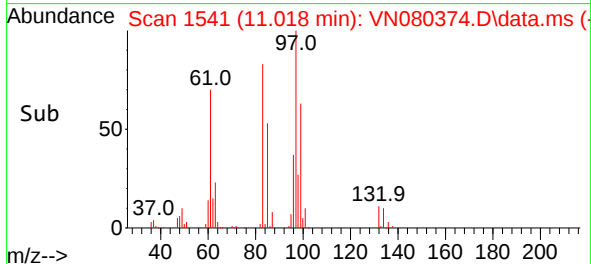
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



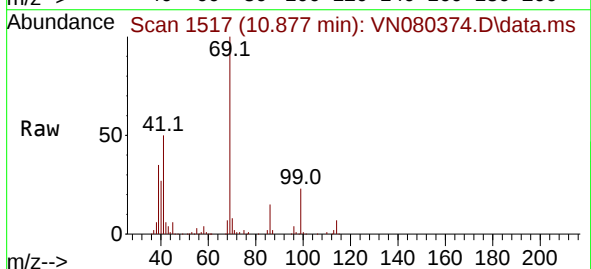
Tgt Ion:	97	Resp:	131179
Ion Ratio	100	Lower	Upper
97	100		
83	83.5	65.1	97.7
85	53.2	43.4	65.2
99	62.6	49.2	73.8

Manual Integrations
APPROVED

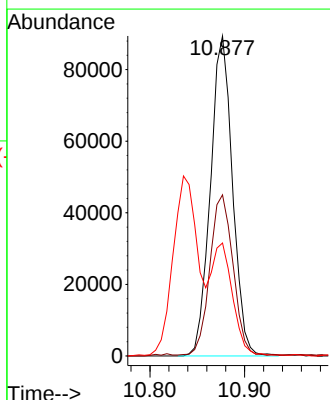
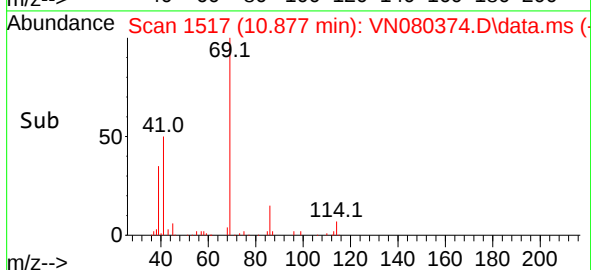
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

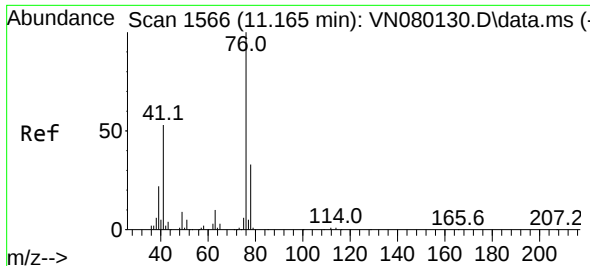


#56
Ethyl methacrylate
Concen: 57.570 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



Tgt Ion:	69	Resp:	144834
Ion Ratio	100	Lower	Upper
69	100		
41	52.5	39.6	59.4
39	33.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.998 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22787

Ion Ratio Lower Upper

76 100

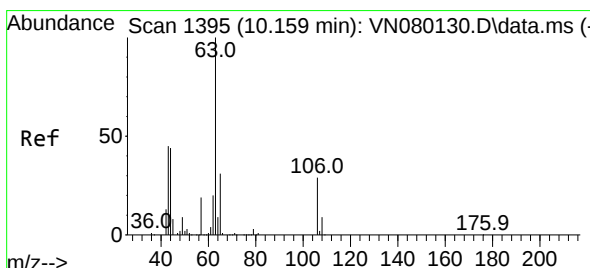
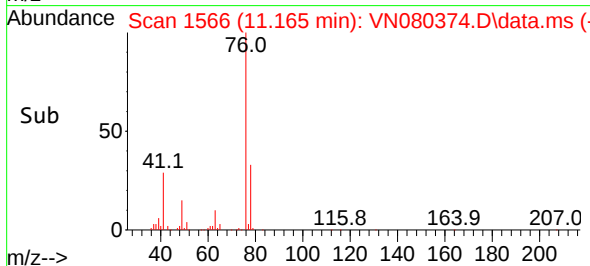
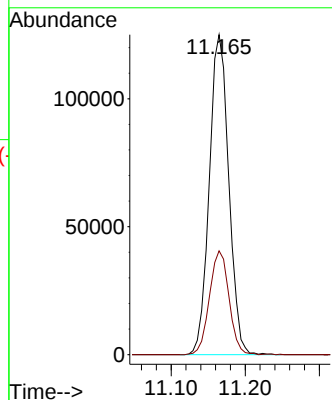
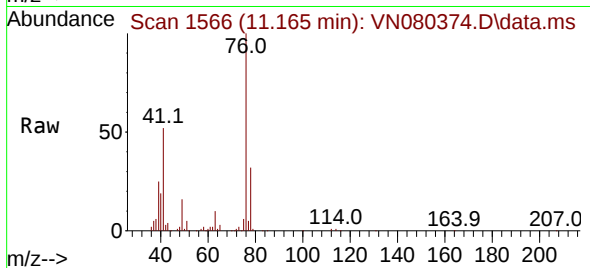
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 226.795 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080374.D

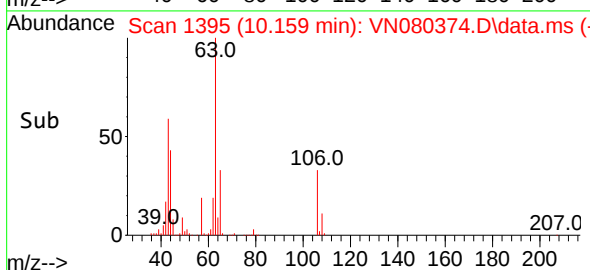
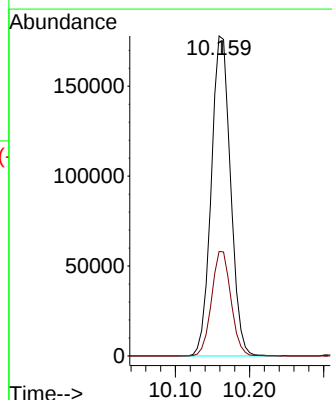
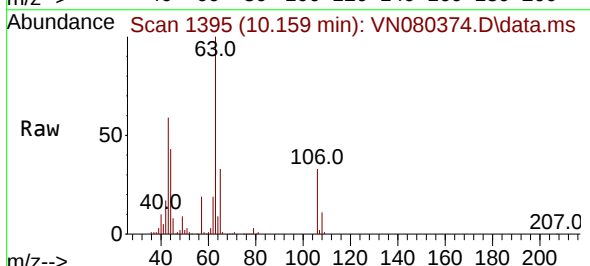
Acq: 05 Dec 2023 18:32

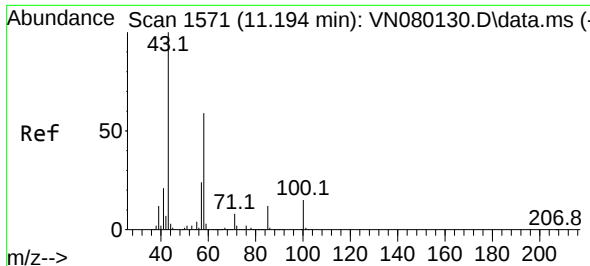
Tgt Ion: 63 Resp: 321442

Ion Ratio Lower Upper

63 100

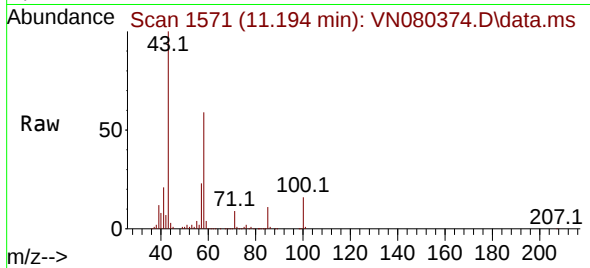
106 32.8 26.2 39.4





#59
2-Hexanone
Concen: 233.071 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

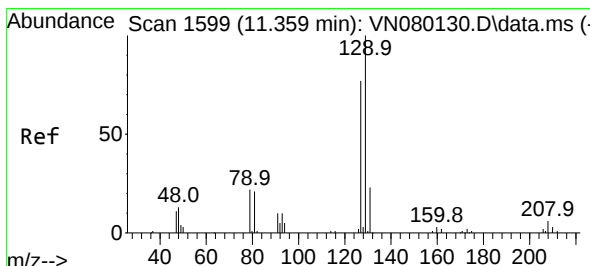
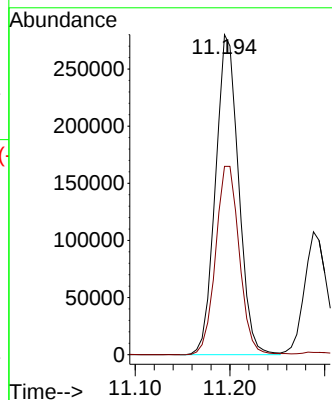
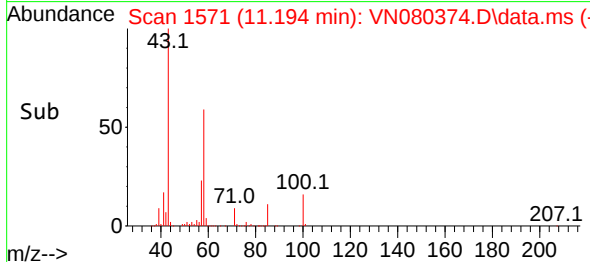
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



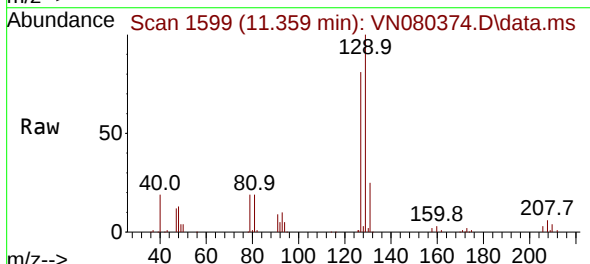
Tgt Ion: 43 Resp: 474778
Ion Ratio Lower Upper
43 100
58 60.5 31.7 95.1

Manual Integrations
APPROVED

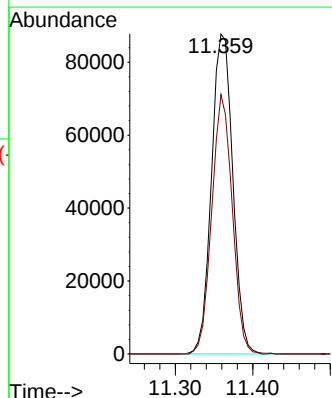
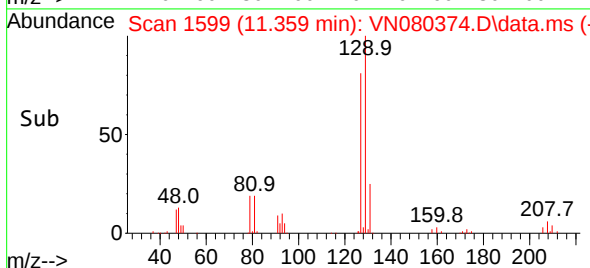
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

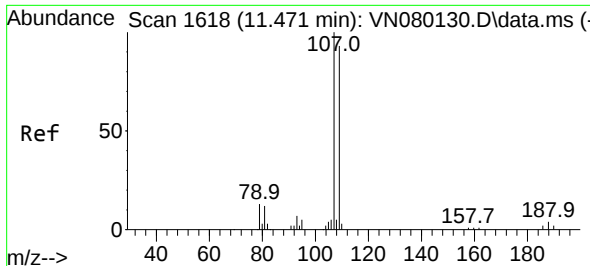


#60
Dibromochloromethane
Concen: 56.839 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



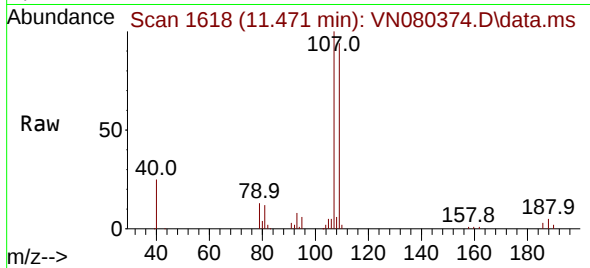
Tgt Ion:129 Resp: 167578
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.825 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

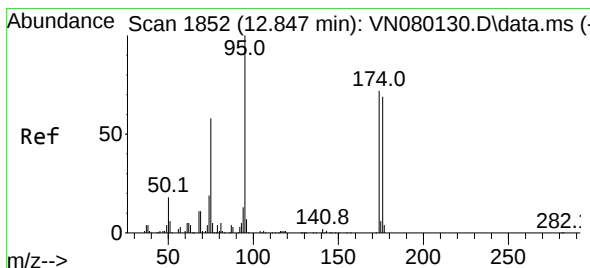
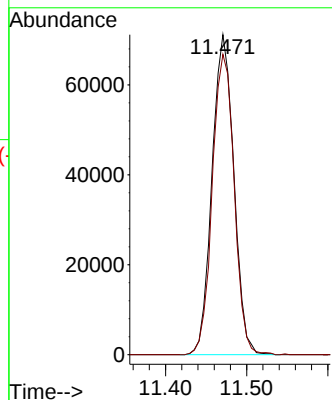
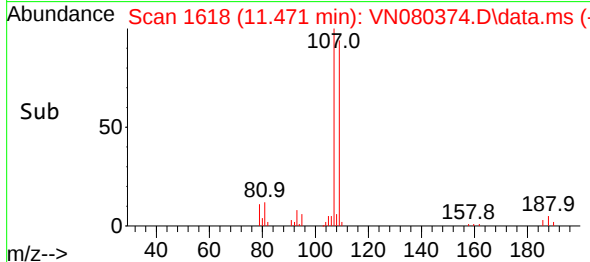
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



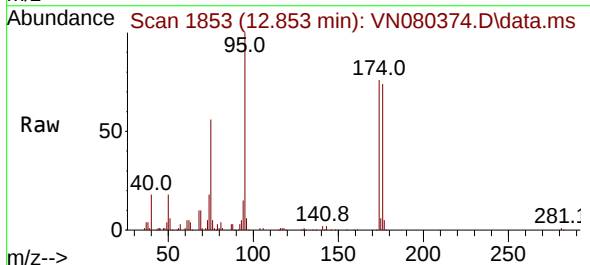
Tgt Ion:107 Resp: 132711
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
APPROVED

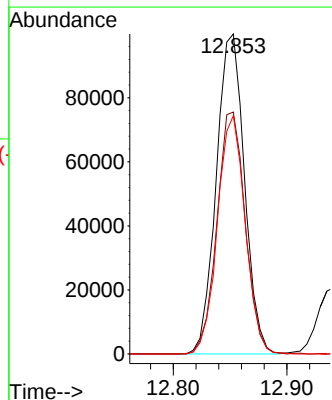
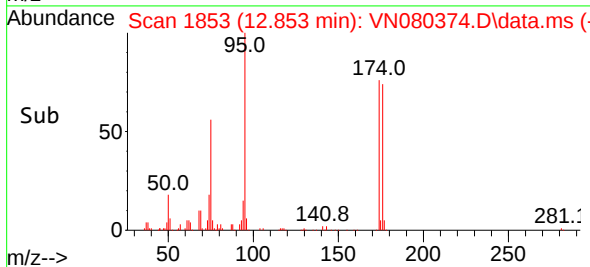
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

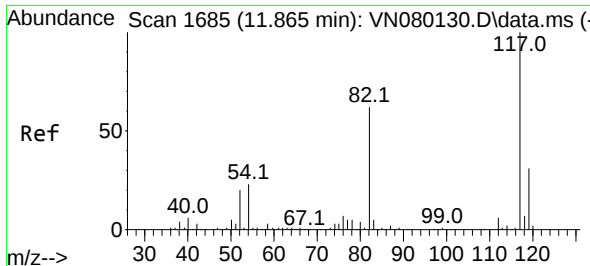


#62
4-Bromofluorobenzene
Concen: 50.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



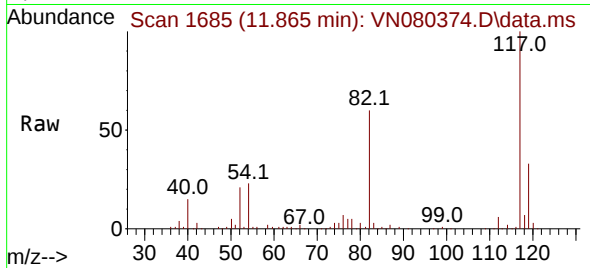
Tgt Ion: 95 Resp: 172229
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

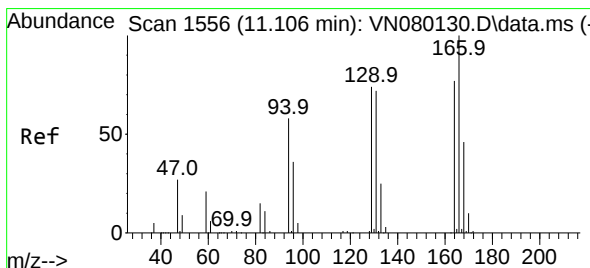
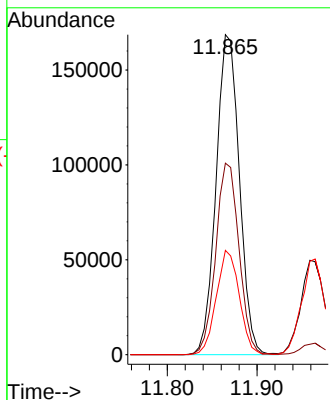
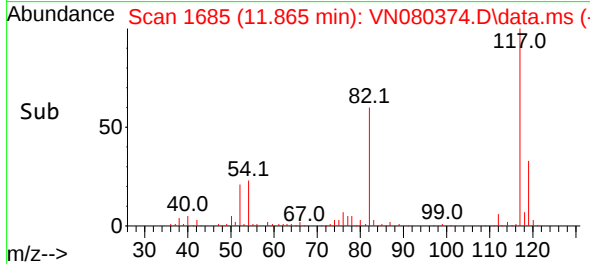
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 30451
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 32.6 25.6 38.4

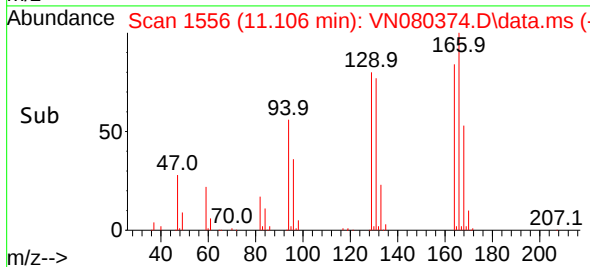
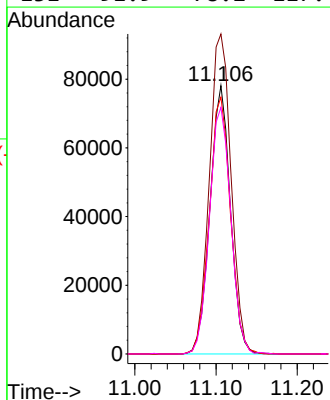
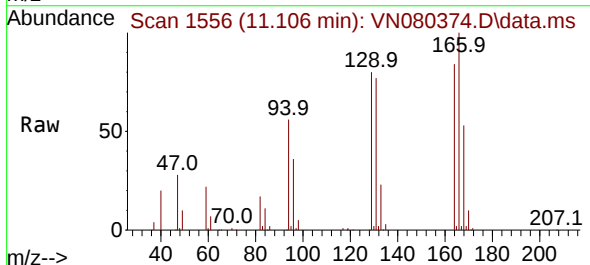
Manual Integrations
APPROVED

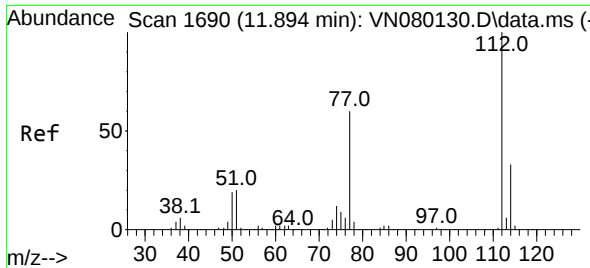
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#64
Tetrachloroethene
Concen: 58.647 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion:164 Resp: 136293
Ion Ratio Lower Upper
164 100
166 119.2 101.4 152.0
129 95.7 82.4 123.6
131 91.9 78.2 117.4





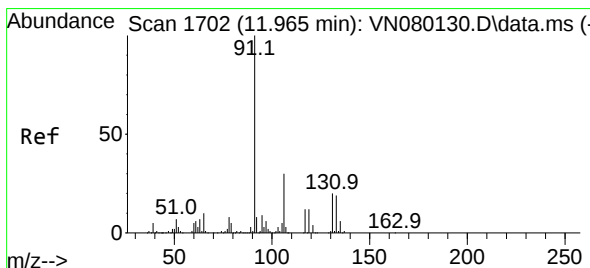
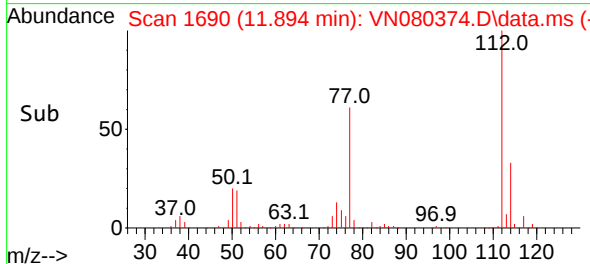
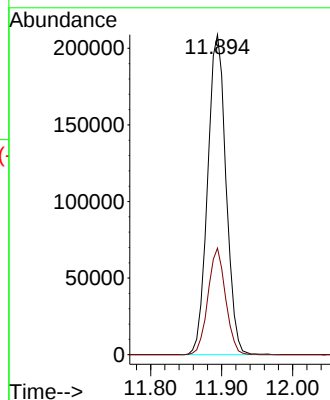
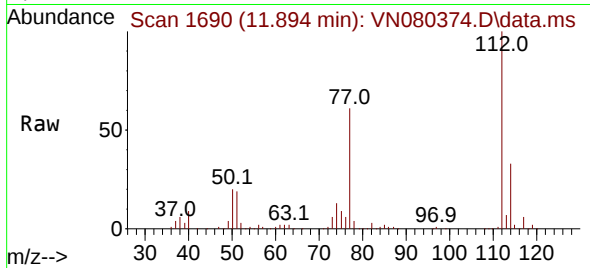
#65
Chlorobenzene
Concen: 54.405 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 375399
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

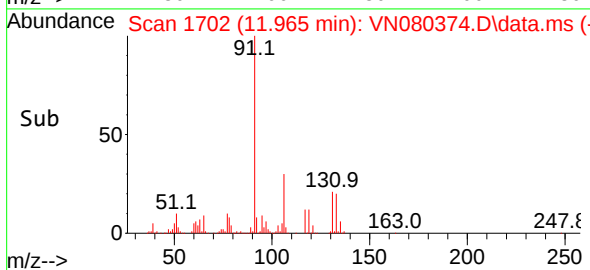
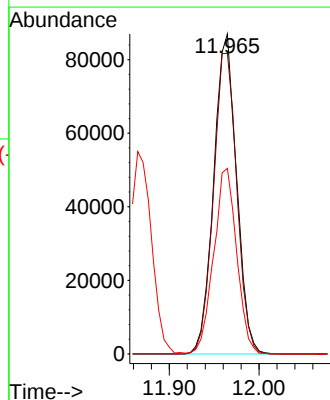
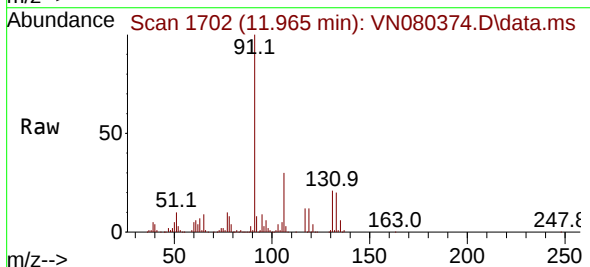
Manual Integrations
APPROVED

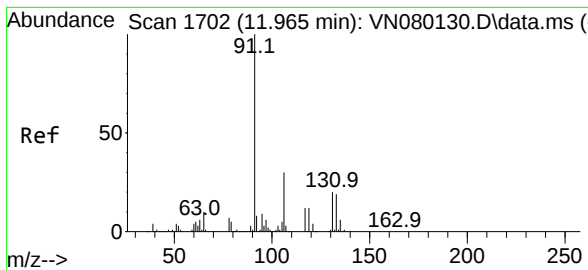
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.343 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

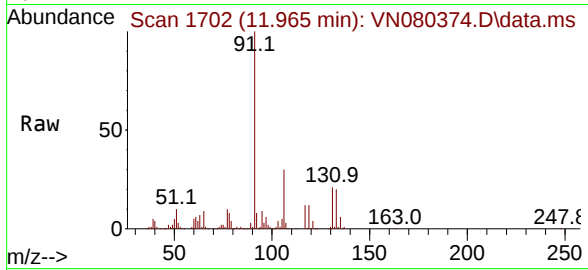
Tgt Ion:131 Resp: 153545
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 58.5 34.1 102.2





#67
Ethyl Benzene
Concen: 55.636 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

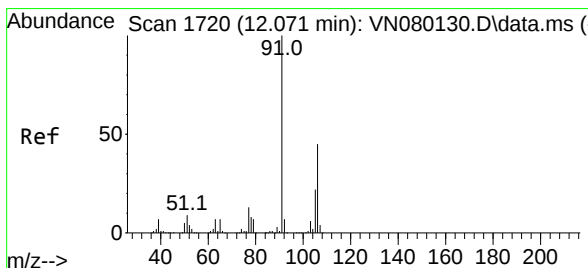
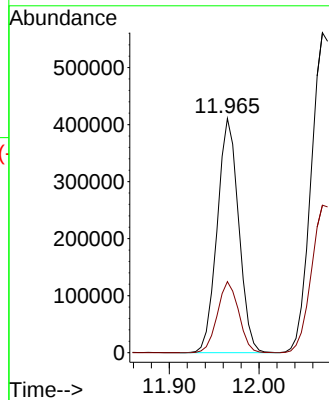
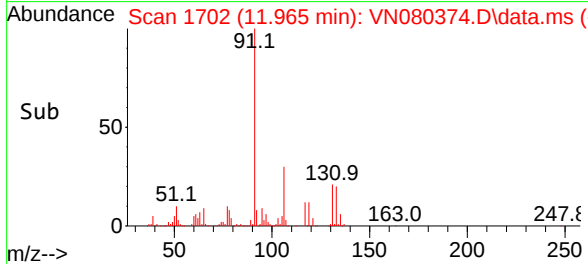
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 683110
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

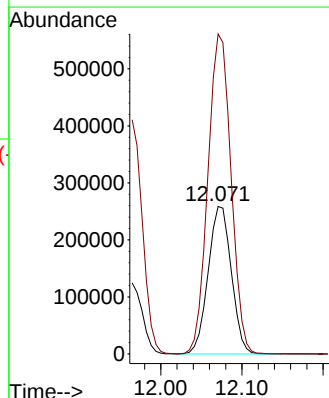
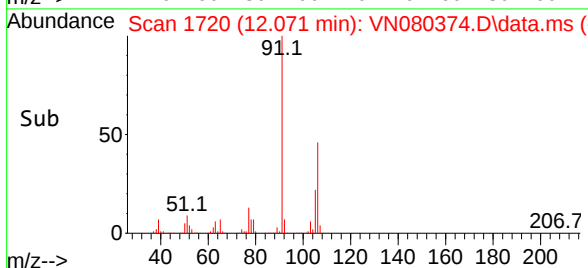
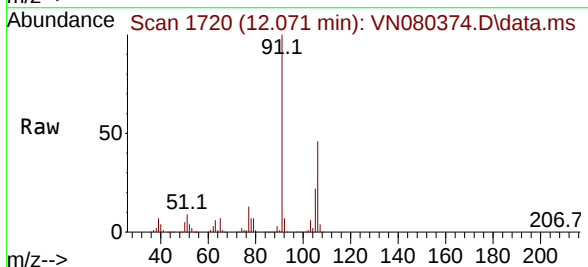
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#68
m/p-Xylenes
Concen: 114.480 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion:106 Resp: 512500
Ion Ratio Lower Upper
106 100
91 216.8 159.6 239.4





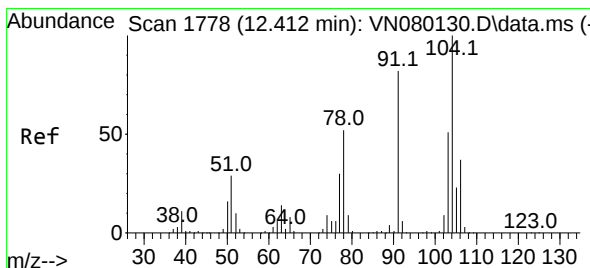
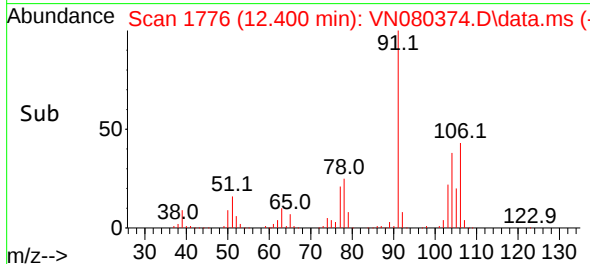
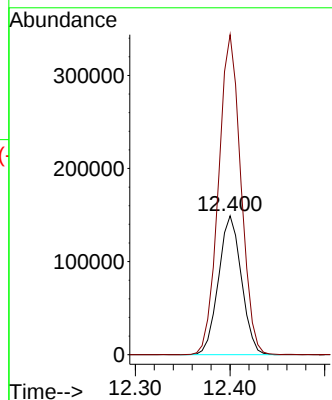
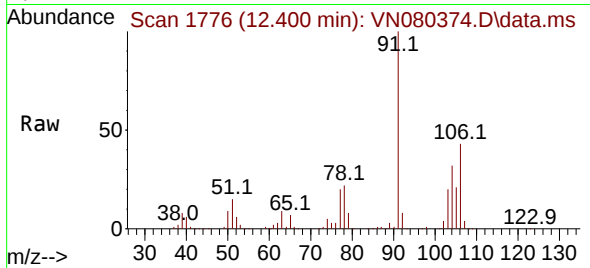
#69
o-Xylene
Concen: 59.426 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 250718
Ion Ratio Lower Upper
106 100
91 225.3 105.2 315.5

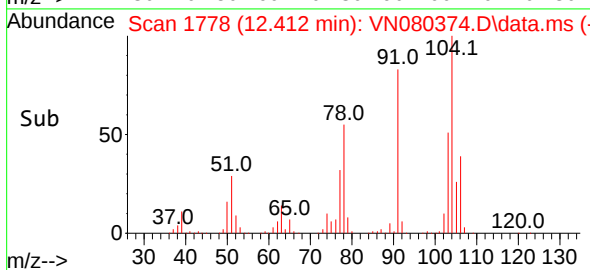
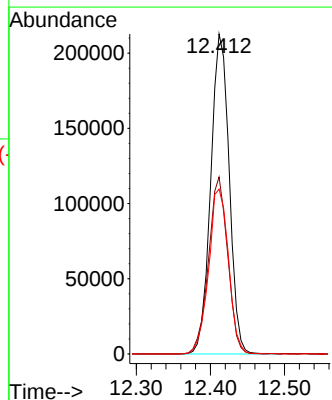
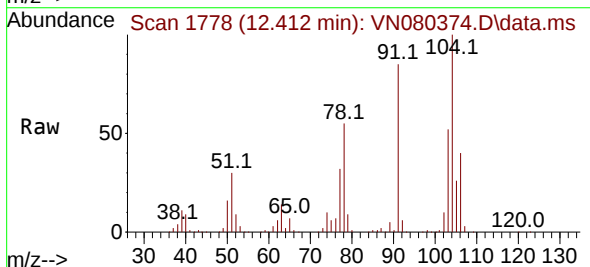
Manual Integrations
APPROVED

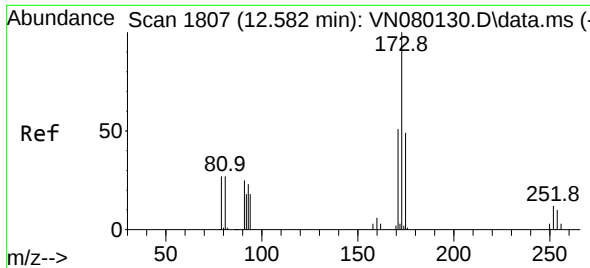
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#70
Styrene
Concen: 58.603 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

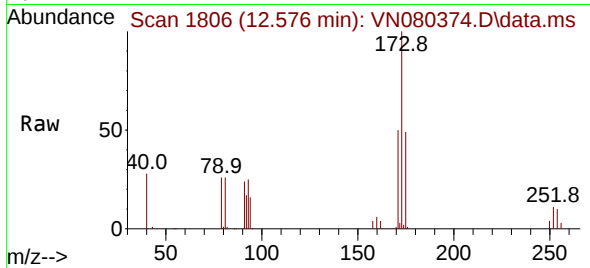
Tgt Ion:104 Resp: 368001
Ion Ratio Lower Upper
104 100
78 57.4 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 55.625 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

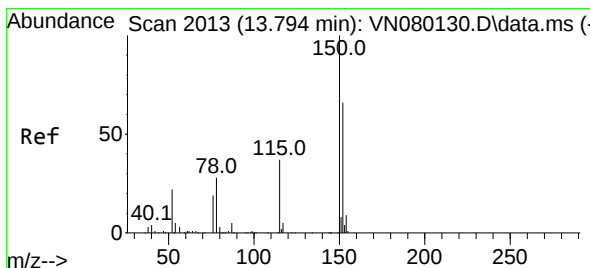
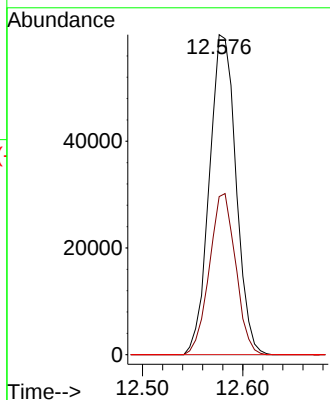
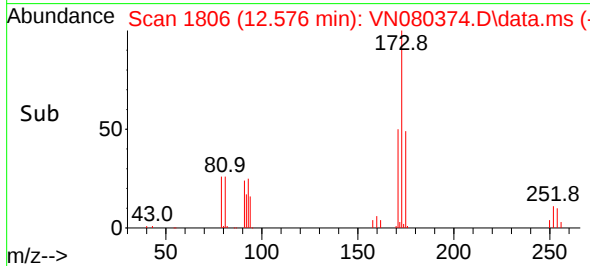
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



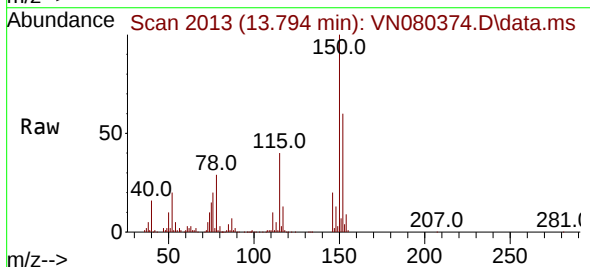
Tgt Ion:173 Resp: 11045
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

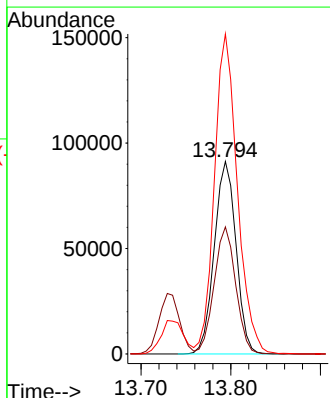
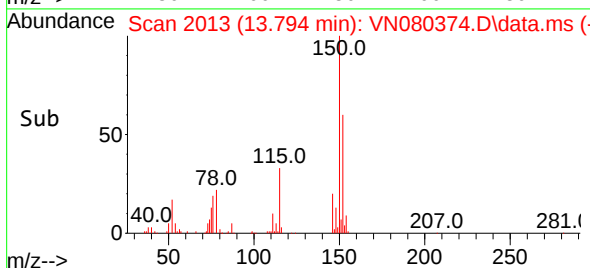
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

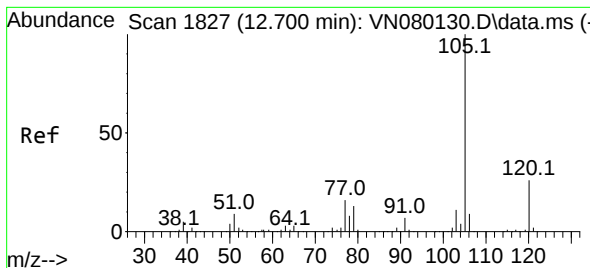


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



Tgt Ion:152 Resp: 153740
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 175.3 0.0 355.8





#73

Isopropylbenzene

Concen: 54.229 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 64785

Ion Ratio Lower Upper

105 100

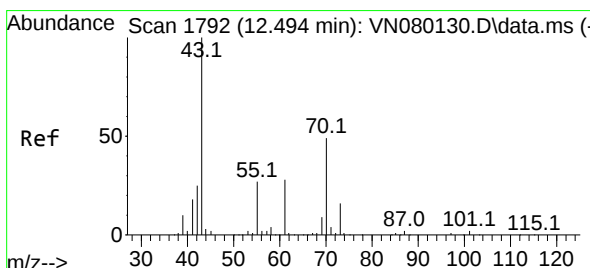
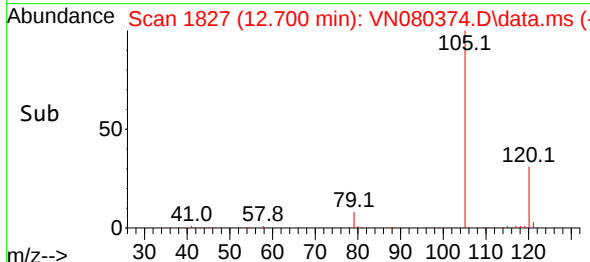
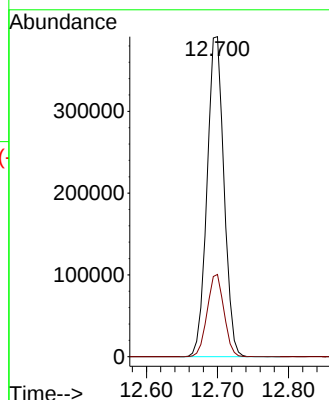
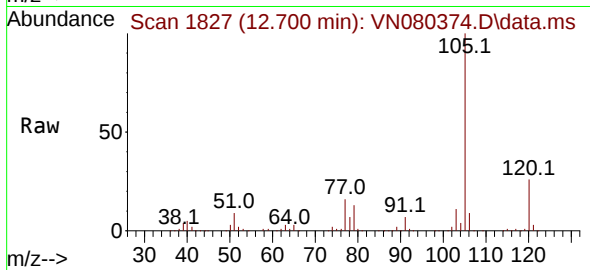
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#74

N-ethyl acetate

Concen: 47.577 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Tgt Ion: 43 Resp: 177250

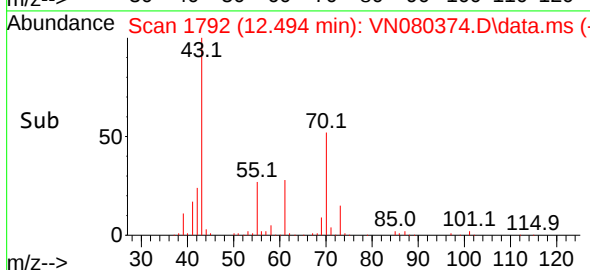
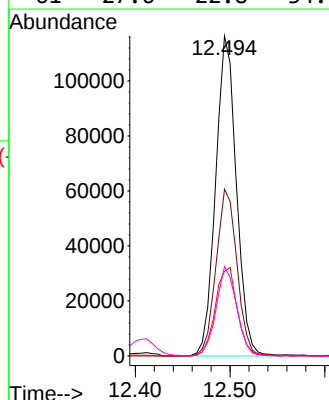
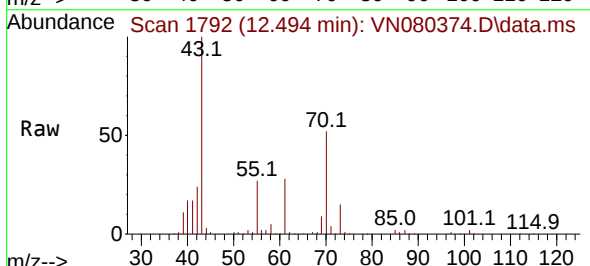
Ion Ratio Lower Upper

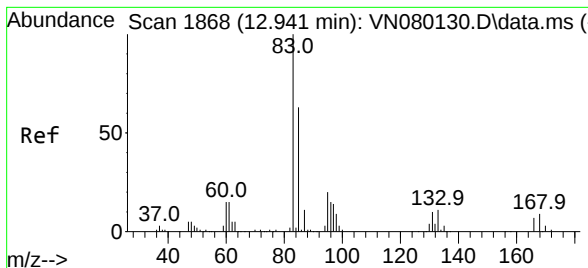
43 100

70 52.7 43.4 65.2

55 29.5 21.4 32.0

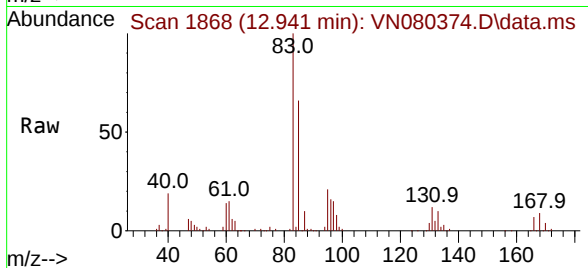
61 27.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.921 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

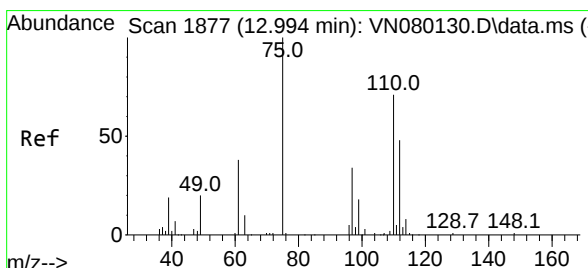
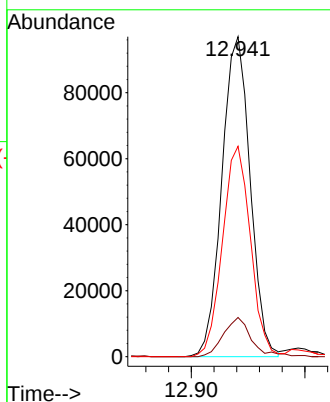
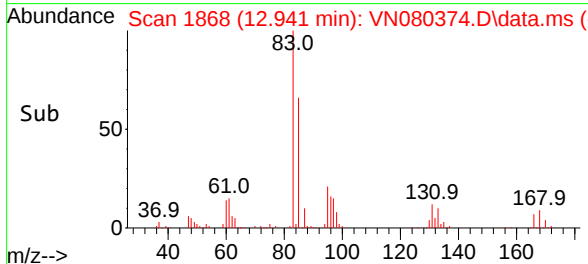
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



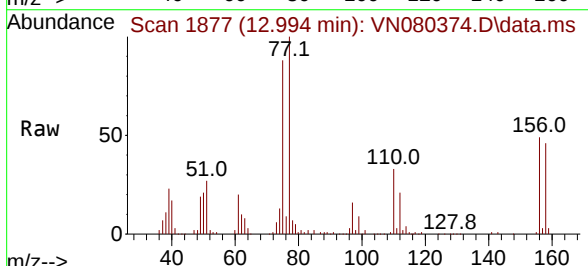
Tgt Ion: 83 Resp: 167772
Ion Ratio Lower Upper
83 100
131 12.2 5.0 15.0
85 65.2 31.9 95.7

Manual Integrations
APPROVED

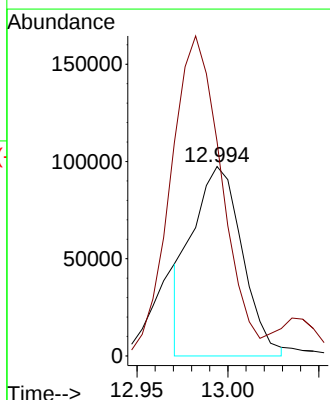
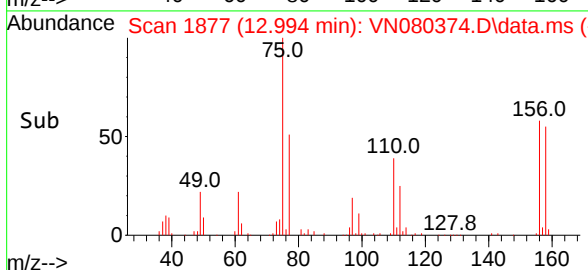
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

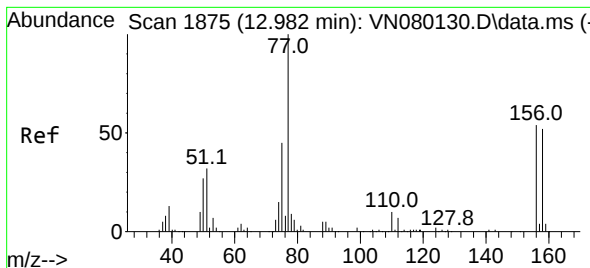


#76
1,2,3-Trichloropropane
Concen: 49.385 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



Tgt Ion: 75 Resp: 186027
Ion Ratio Lower Upper
75 100
77 173.4 84.5 253.5





#77

Bromobenzene

Concen: 52.163 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080374.D

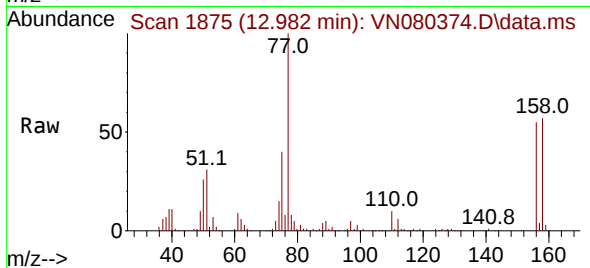
Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 15711

Ion Ratio Lower Upper

156 100

77 205.3 107.7 323.3

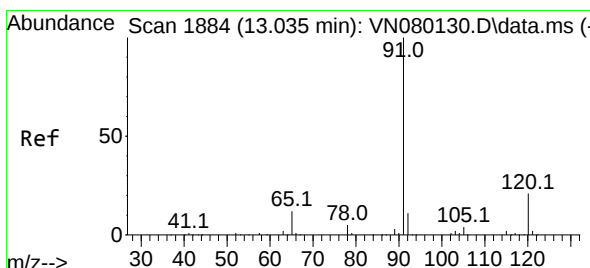
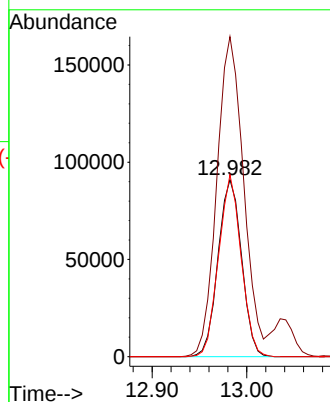
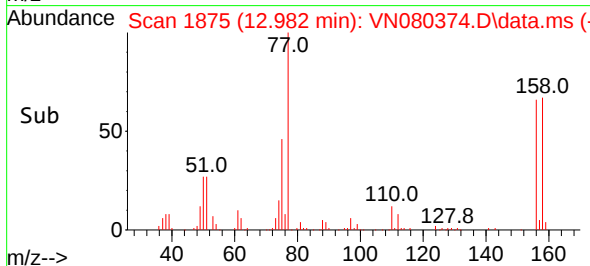
158 98.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#78

n-propylbenzene

Concen: 53.501 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080374.D

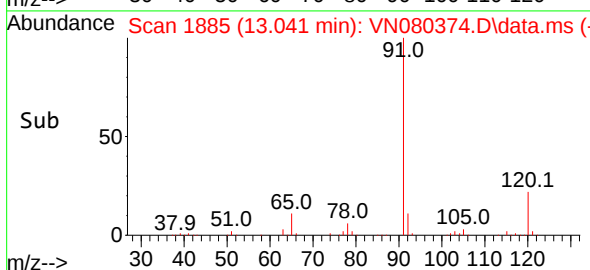
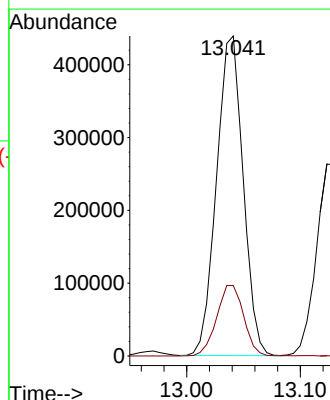
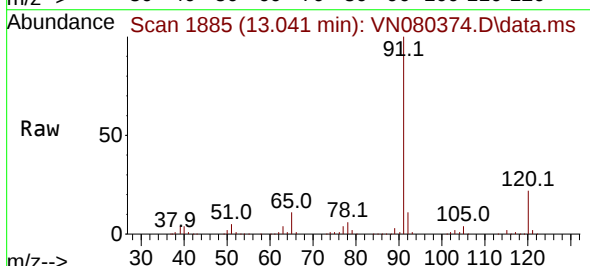
Acq: 05 Dec 2023 18:32

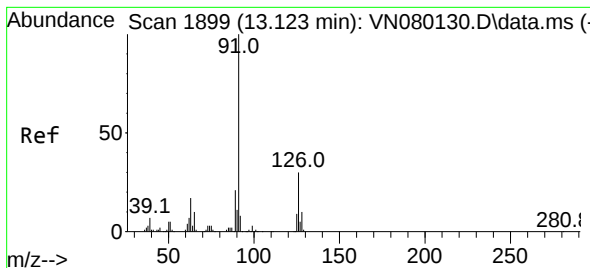
Tgt Ion: 91 Resp: 714736

Ion Ratio Lower Upper

91 100

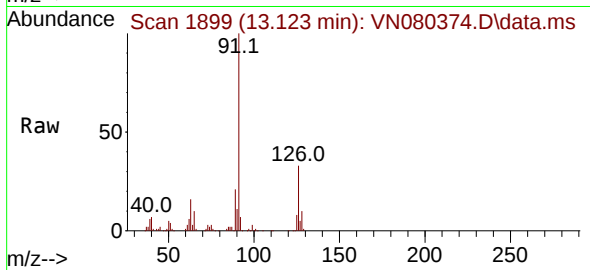
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 53.185 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

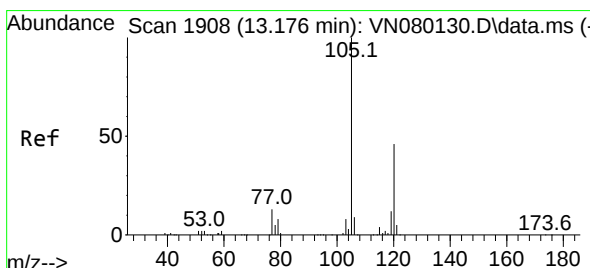
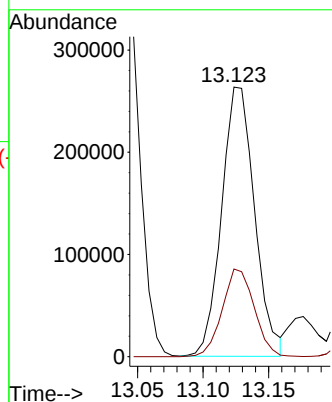
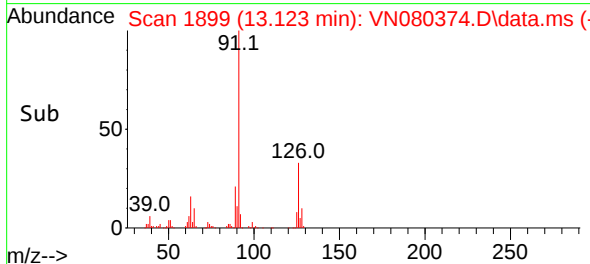
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 46147
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

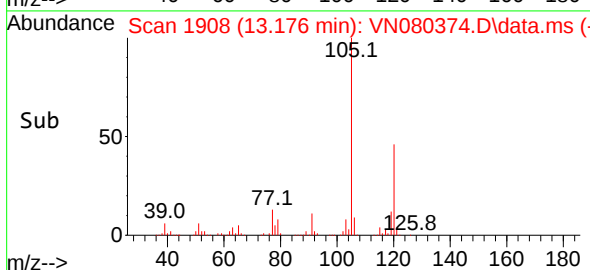
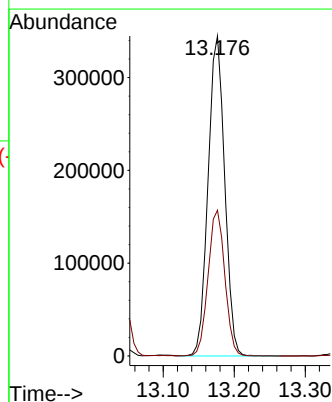
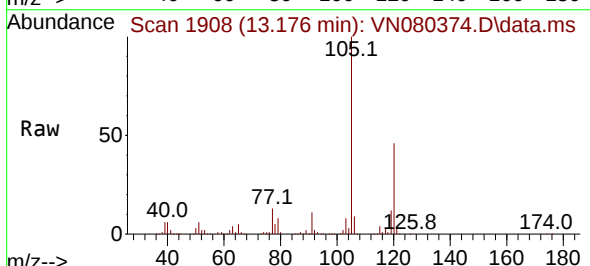
Manual Integrations
APPROVED

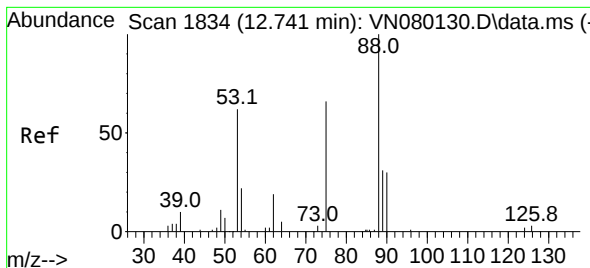
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.856 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

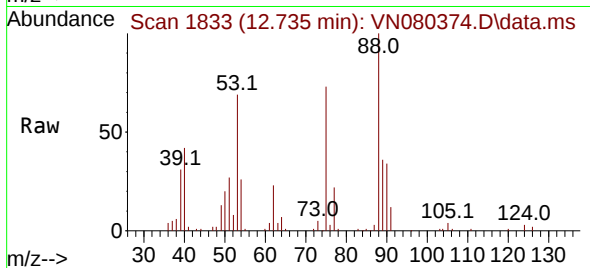
Tgt Ion:105 Resp: 560079
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.013 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

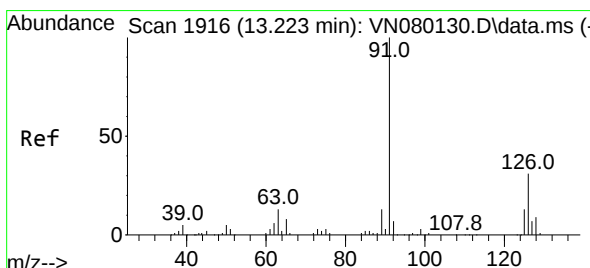
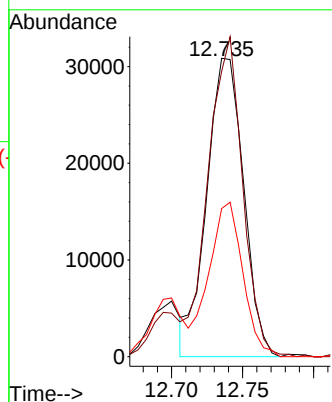
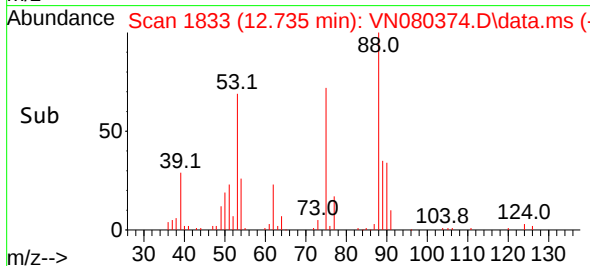
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5576
Ion Ratio Lower Upper
75 100
53 100.7 67.4 101.2
89 47.6 38.8 58.2

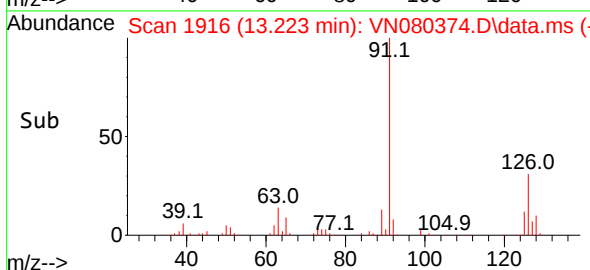
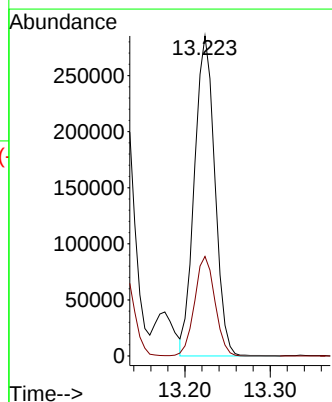
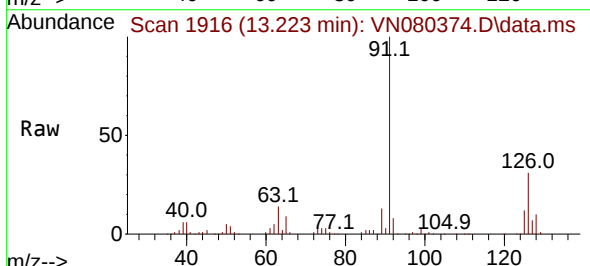
Manual Integrations
APPROVED

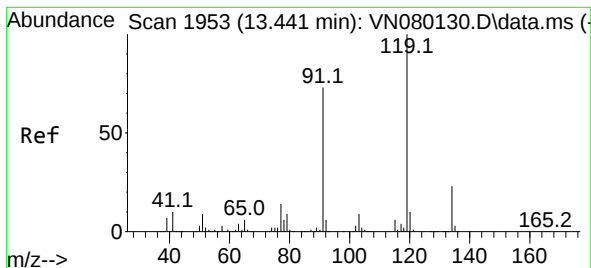
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#82
4-Chlorotoluene
Concen: 53.196 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion: 91 Resp: 472846
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





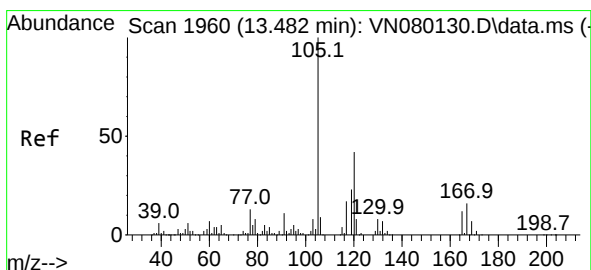
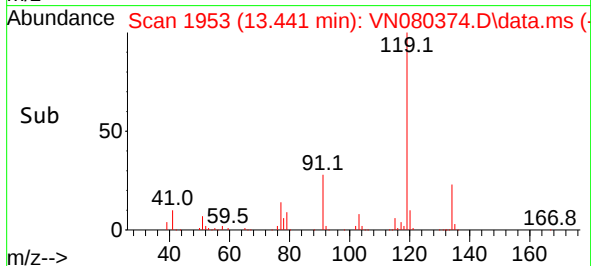
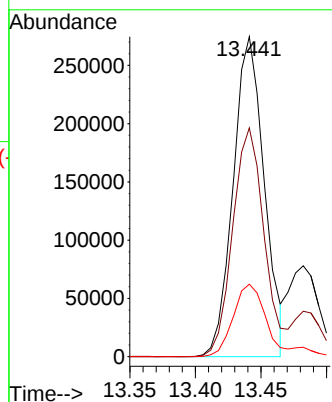
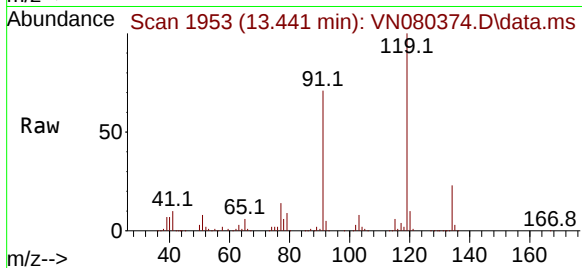
#83
tert-Butylbenzene
Concen: 54.366 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 45339
Ion Ratio Lower Upper
119 100
91 73.1 33.9 101.7
134 23.4 13.2 39.6

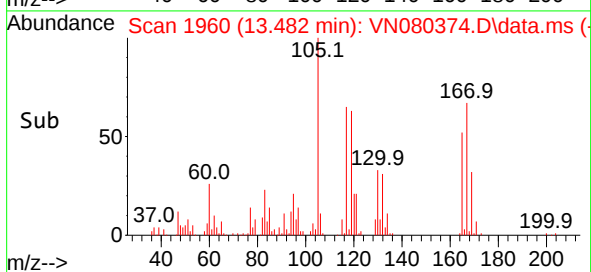
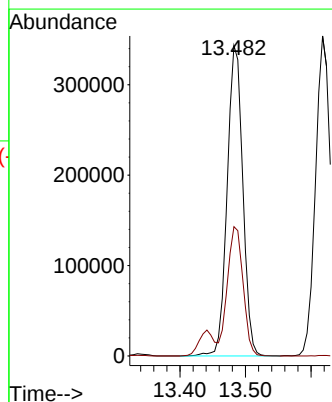
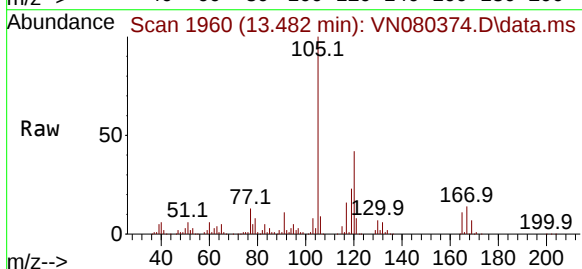
Manual Integrations
APPROVED

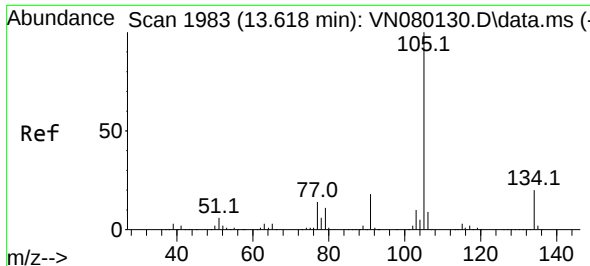
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.432 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion:105 Resp: 567633
Ion Ratio Lower Upper
105 100
120 41.6 22.0 66.0





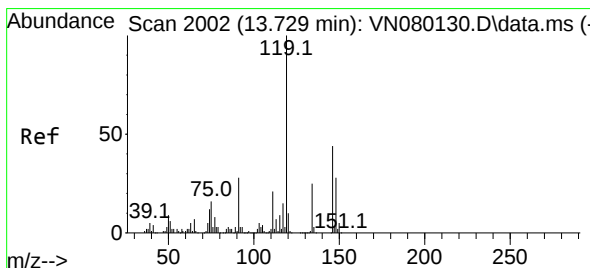
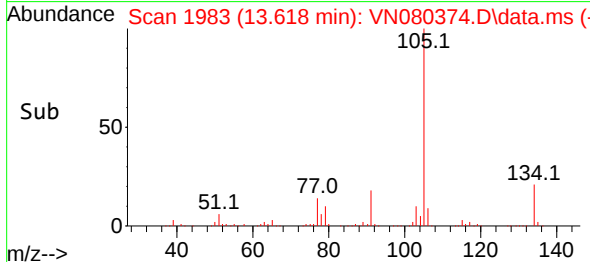
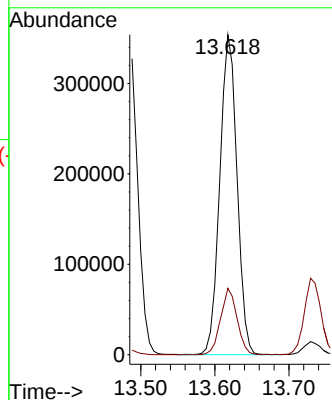
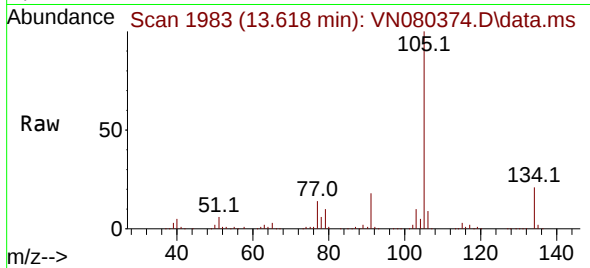
#85
 sec-Butylbenzene
 Concen: 54.133 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080374.D
 Acq: 05 Dec 2023 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 571099
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

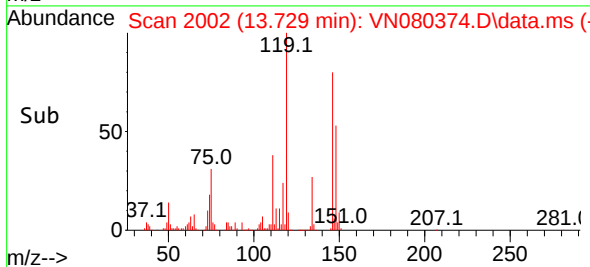
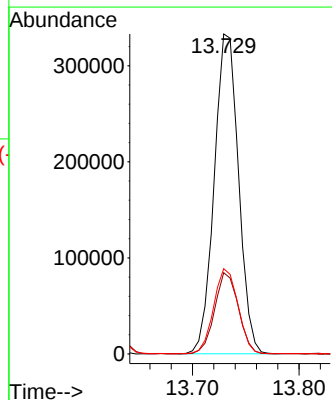
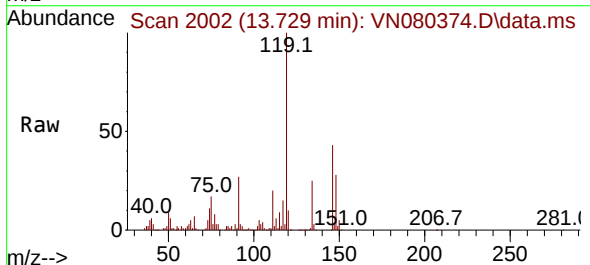
Manual Integrations
 APPROVED

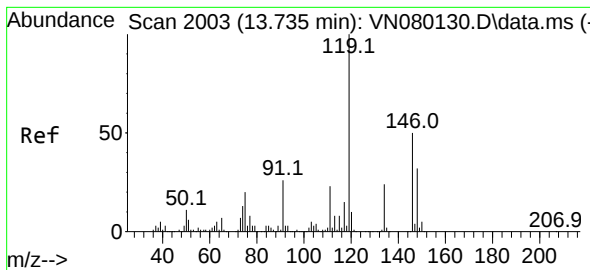
Reviewed By :John Carbone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#86
 p-Isopropyltoluene
 Concen: 55.959 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080374.D
 Acq: 05 Dec 2023 18:32

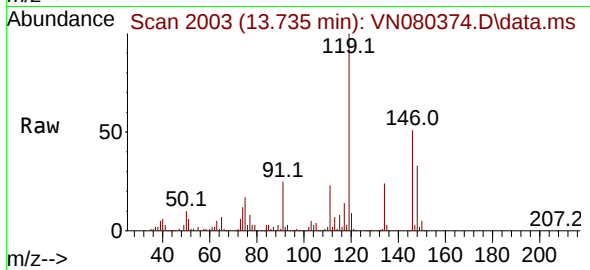
Tgt Ion:119 Resp: 527372
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.034 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

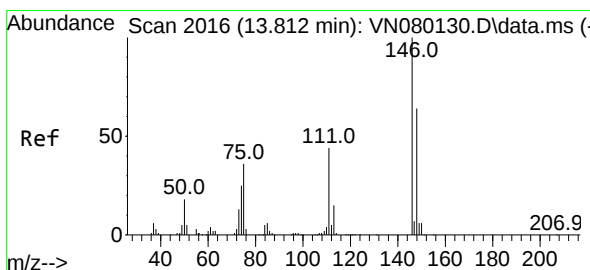
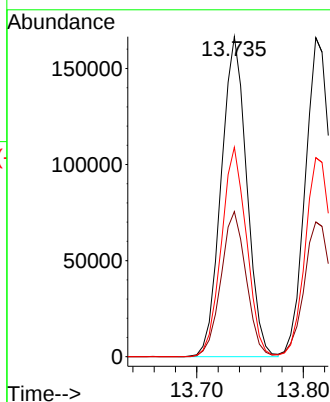
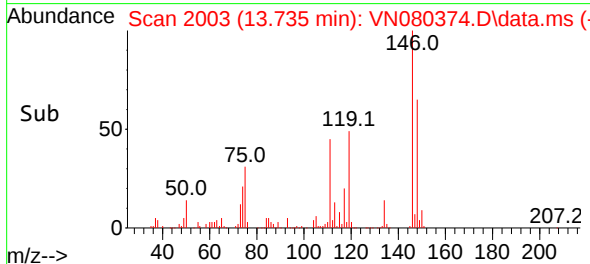
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



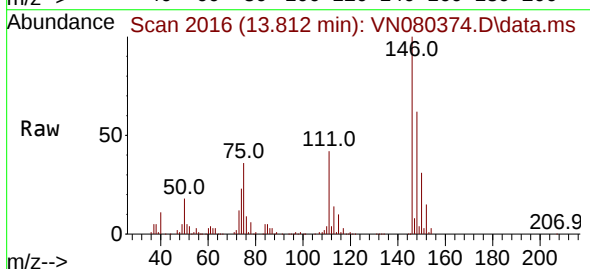
Tgt Ion:146 Resp: 276945
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 64.5 32.0 96.0

Manual Integrations
APPROVED

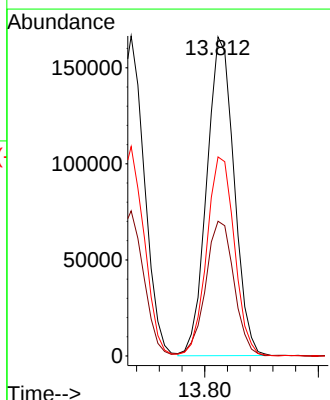
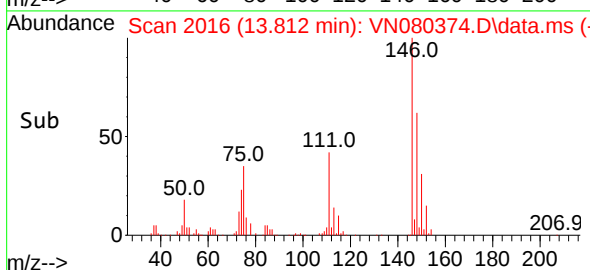
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

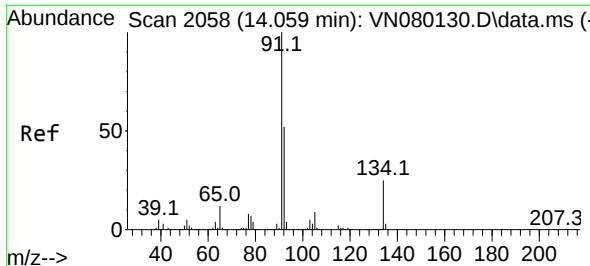


#88
1,4-Dichlorobenzene
Concen: 50.798 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



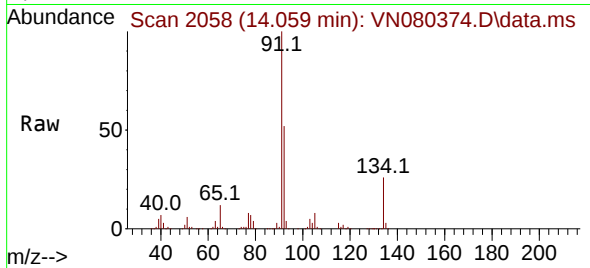
Tgt Ion:146 Resp: 277028
Ion Ratio Lower Upper
146 100
111 43.7 20.6 61.8
148 63.5 31.6 94.8





#89
n-Butylbenzene
Concen: 52.191 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

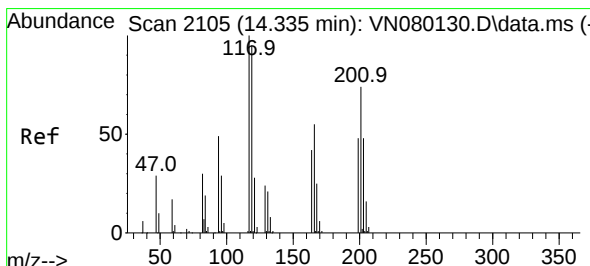
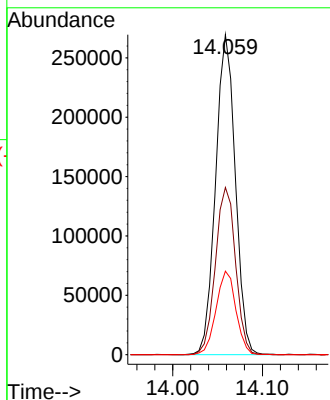
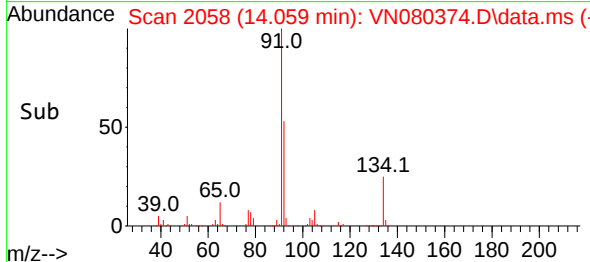
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 411680
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.0
134 26.3 12.6 37.6

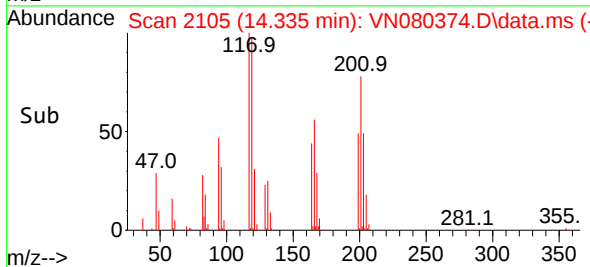
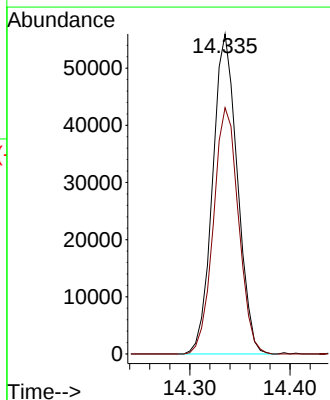
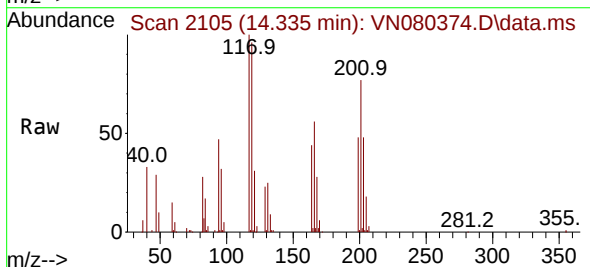
Manual Integrations
APPROVED

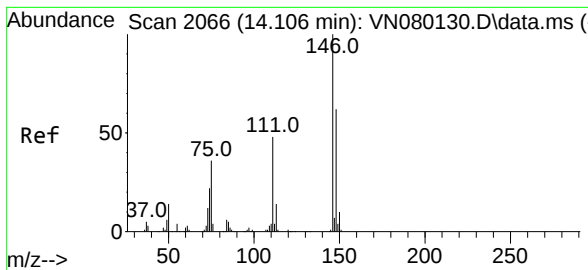
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#90
Hexachloroethane
Concen: 52.161 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

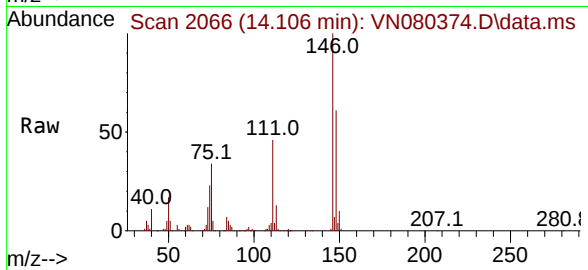
Tgt Ion:117 Resp: 95835
Ion Ratio Lower Upper
117 100
201 78.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.019 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

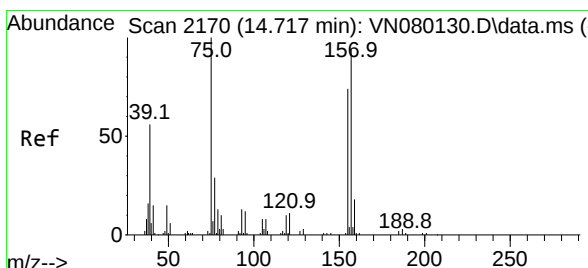
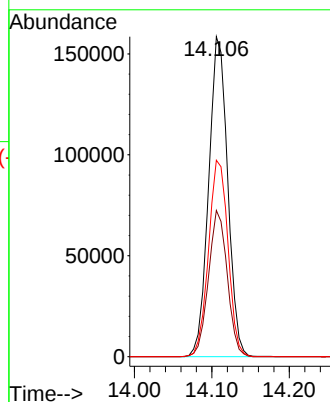
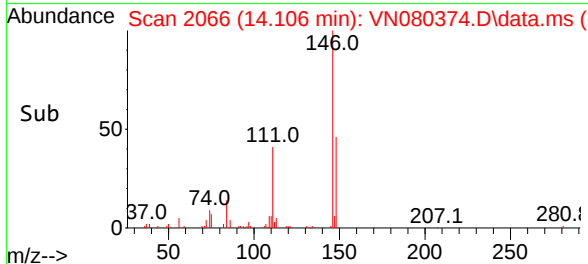
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



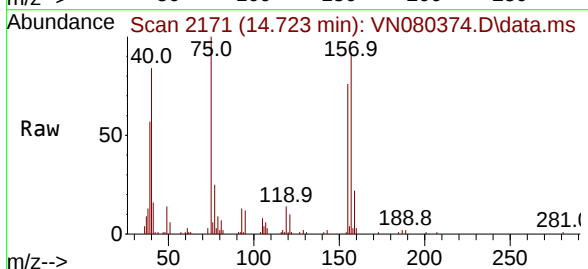
Tgt Ion:146 Resp: 270134
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 62.8 31.8 95.3

Manual Integrations
APPROVED

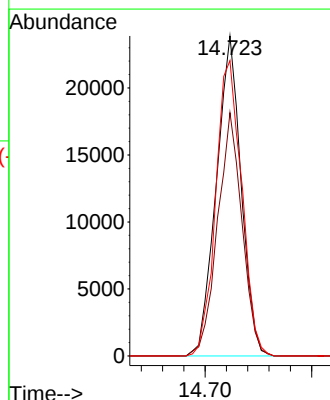
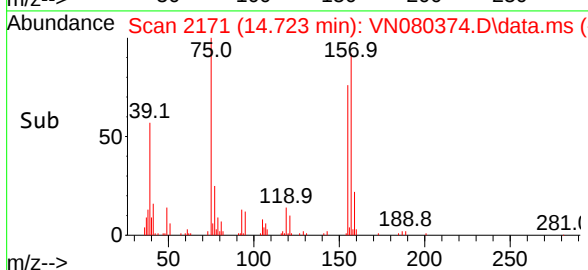
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

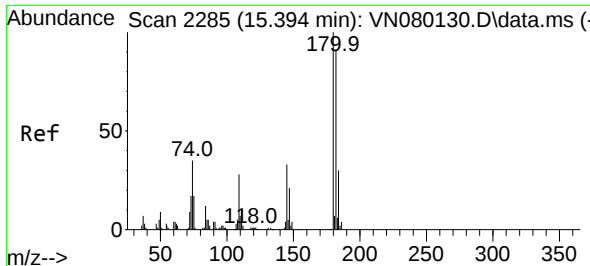


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.372 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32



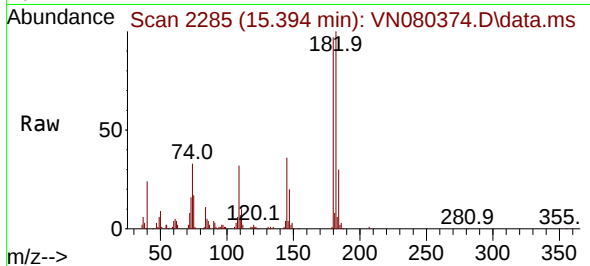
Tgt Ion: 75 Resp: 38513
Ion Ratio Lower Upper
75 100
155 75.1 39.1 117.2
157 96.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.657 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

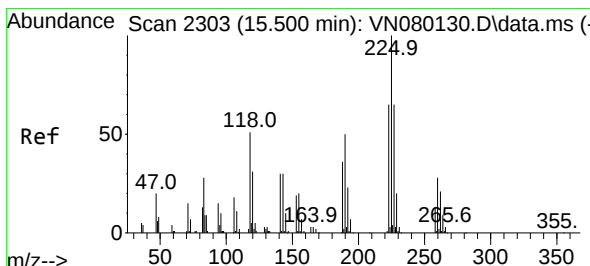
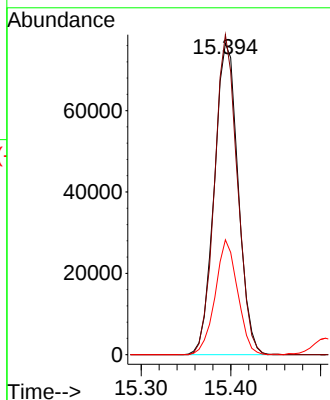
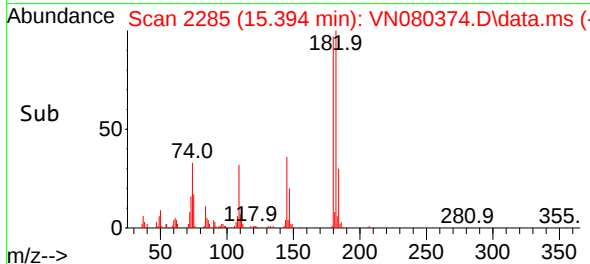
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 140918
Ion Ratio Lower Upper
180 100
182 98.4 46.1 138.2
145 34.7 16.6 49.8

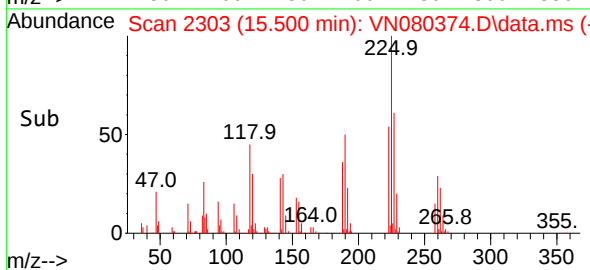
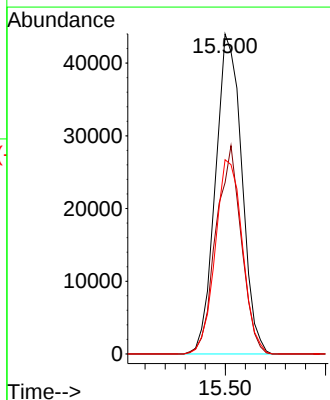
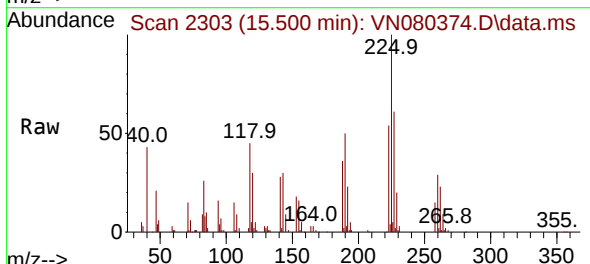
Manual Integrations
APPROVED

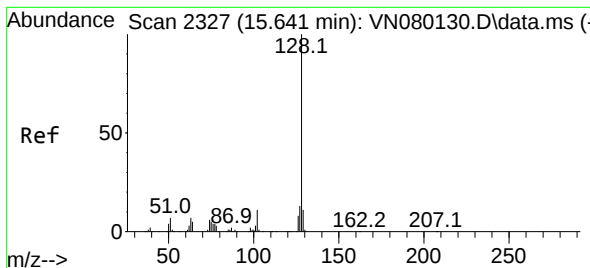
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#94
Hexachlorobutadiene
Concen: 46.136 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080374.D
Acq: 05 Dec 2023 18:32

Tgt Ion:225 Resp: 80189
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 62.7 31.9 95.9





#95

Naphthalene

Concen: 44.864 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 39293

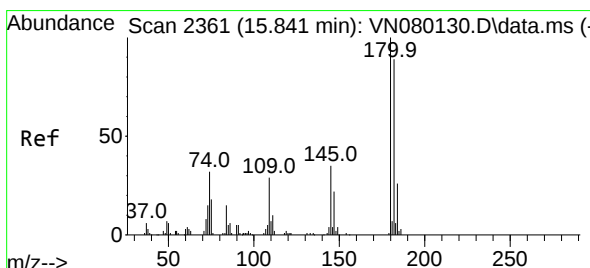
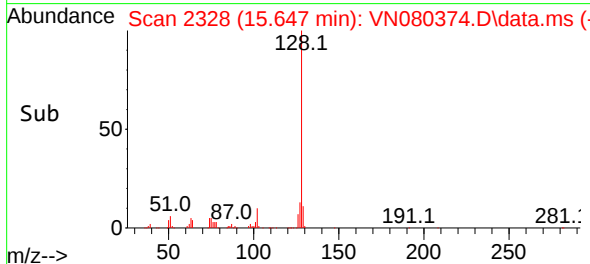
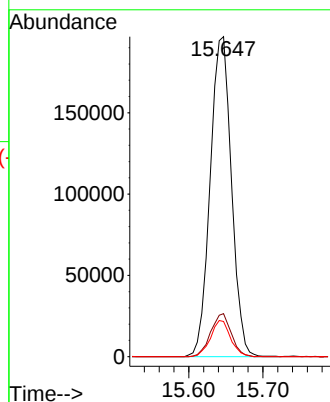
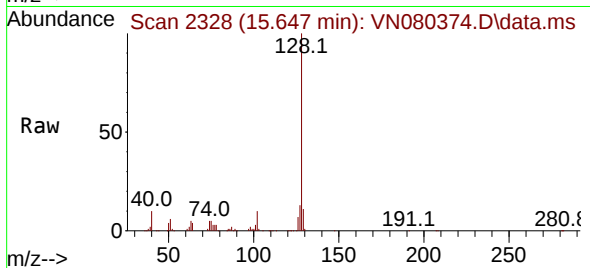
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.732 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080374.D

Acq: 05 Dec 2023 18:32

Tgt Ion:180 Resp: 137959

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.2	138.6
145	35.1	17.5	52.6

