

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081066.D
 Acq On : 19 Feb 2024 10:14
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 20 00:17:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	419608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	748829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	644040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	304265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	240201	46.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.400%
35) Dibromofluoromethane	8.171	113	208081	49.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	10.565	98	718071	47.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.847	95	267893	47.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	265687	48.961	ug/l	98
3) Chloromethane	2.359	50	252970	42.545	ug/l	97
4) Vinyl Chloride	2.518	62	273374	45.354	ug/l	93
5) Bromomethane	2.959	94	187953	43.902	ug/l	93
6) Chloroethane	3.124	64	173650	44.460	ug/l	98
7) Trichlorofluoromethane	3.500	101	403022	45.768	ug/l	98
8) Diethyl Ether	3.959	74	145966	45.339	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	228212	46.489	ug/l	92
10) Methyl Iodide	4.589	142	277687	50.678	ug/l	97
11) Tert butyl alcohol	5.518	59	210780	222.845	ug/l #	83
12) 1,1-Dichloroethene	4.342	96	219026	46.157	ug/l	93
13) Acrolein	4.183	56	144270	284.579	ug/l	100
14) Allyl chloride	5.018	41	315337	44.787	ug/l #	91
15) Acrylonitrile	5.712	53	523101	211.758	ug/l	99
16) Acetone	4.424	43	403511	199.388	ug/l	99
17) Carbon Disulfide	4.712	76	584212	44.140	ug/l	98
18) Methyl Acetate	5.018	43	222136	44.996	ug/l #	90
19) Methyl tert-butyl Ether	5.788	73	737705	45.391	ug/l	100
20) Methylene Chloride	5.283	84	236194	45.022	ug/l	85
21) trans-1,2-Dichloroethene	5.788	96	236680	44.705	ug/l	92
22) Diisopropyl ether	6.665	45	736588	46.119	ug/l #	91
23) Vinyl Acetate	6.600	43	2925871	225.790	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	431003	46.671	ug/l	95
25) 2-Butanone	7.482	43	659957	201.858	ug/l	93
26) 2,2-Dichloropropane	7.488	77	411550	47.561	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	271707	44.172	ug/l	89
28) Bromochloromethane	7.812	49	185766	48.521	ug/l #	66
29) Tetrahydrofuran	7.835	42	431111	197.532	ug/l #	87
30) Chloroform	7.965	83	445420	45.370	ug/l	100
31) Cyclohexane	8.253	56	379766	42.763	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	409957	45.851	ug/l	92
36) 1,1-Dichloropropene	8.371	75	336266	46.353	ug/l	95
37) Ethyl Acetate	7.559	43	277716	42.418	ug/l	97
38) Carbon Tetrachloride	8.359	117	358721	48.875	ug/l	96
39) Methylcyclohexane	9.600	83	403741	47.743	ug/l	89
40) Benzene	8.606	78	980042	46.673	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	151178	40.572	ug/l	94
42) 1,2-Dichloroethane	8.671	62	339187	46.300	ug/l	99
43) Isopropyl Acetate	8.688	43	504643	44.071	ug/l #	95
44) Trichloroethene	9.353	130	256866	45.929	ug/l	95
45) 1,2-Dichloropropane	9.624	63	246811	46.989	ug/l	99
46) Dibromomethane	9.706	93	170433	44.534	ug/l #	90
47) Bromodichloromethane	9.888	83	352559	48.641	ug/l #	99
48) Methyl methacrylate	9.682	41	232675	43.670	ug/l	91
49) 1,4-Dioxane	9.694	88	81229	821.337	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1407093	213.617	ug/l	95
52) Toluene	10.629	92	617246	46.433	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391580	48.615	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	422254	48.521	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	235361	46.034	ug/l	94
56) Ethyl methacrylate	10.876	69	362356	46.372	ug/l	86
57) 1,3-Dichloropropane	11.165	76	407001	46.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	900102	229.579	ug/l #	86
59) 2-Hexanone	11.194	43	1042690	199.666	ug/l	94
60) Dibromochloromethane	11.359	129	250062	46.039	ug/l	97
61) 1,2-Dibromoethane	11.470	107	242319	45.070	ug/l	98
64) Tetrachloroethene	11.106	164	214141	48.717	ug/l	96
65) Chlorobenzene	11.894	112	645392	46.301	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	237965	47.531	ug/l	98
67) Ethyl Benzene	11.965	91	1193884	47.865	ug/l	98
68) m/p-Xylenes	12.070	106	918624	96.085	ug/l	95
69) o-Xylene	12.400	106	444887	46.944	ug/l	94
70) Styrene	12.412	104	733508	48.844	ug/l	96
71) Bromoform	12.582	173	161956	50.988	ug/l #	96
73) Isopropylbenzene	12.694	105	1150971	43.235	ug/l	97
74) N-amyl acetate	12.494	43	450791	40.066	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	313157	41.835	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	407843	58.996	ug/l	66
77) Bromobenzene	12.982	156	251276	42.333	ug/l	74
78) n-propylbenzene	13.035	91	1367584	44.625	ug/l	96
79) 2-Chlorotoluene	13.123	91	796908	42.395	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	963713	44.649	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	110712	41.221	ug/l	95
82) 4-Chlorotoluene	13.223	91	803014	43.690	ug/l	94
83) tert-Butylbenzene	13.441	119	832041	44.581	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	957227	44.505	ug/l	94
85) sec-Butylbenzene	13.617	105	1167314	44.990	ug/l	92
86) p-Isopropyltoluene	13.729	119	995227	46.180	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	500514	44.628	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	505883	45.904	ug/l	98
89) n-Butylbenzene	14.059	91	882216	46.988	ug/l	97
90) Hexachloroethane	14.335	117	172898	48.536	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	482293	44.587	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	63042	40.507	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	284816	47.196	ug/l	98
94) Hexachlorobutadiene	15.506	225	107352	47.699	ug/l	97
95) Naphthalene	15.641	128	946634	42.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	271981	45.431	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

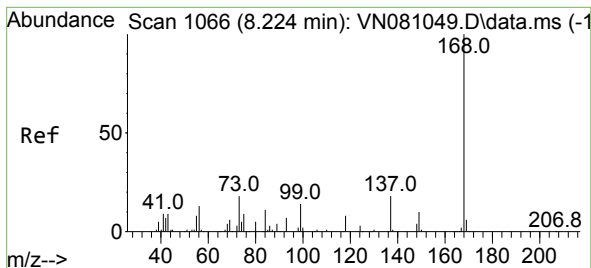
Quant Time: Feb 20 00:17:54 2024
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

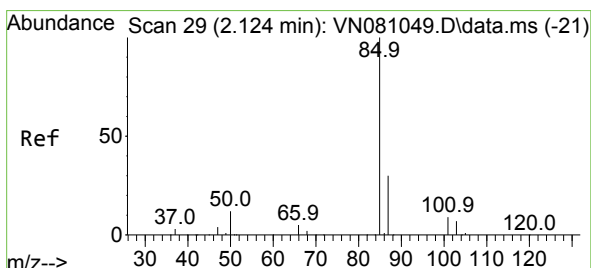
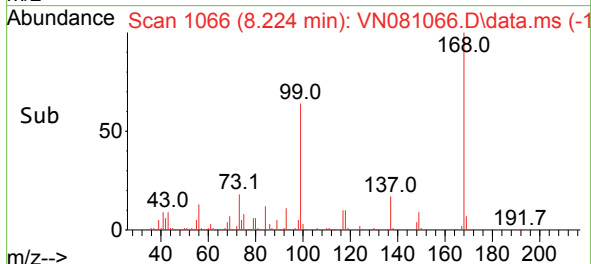
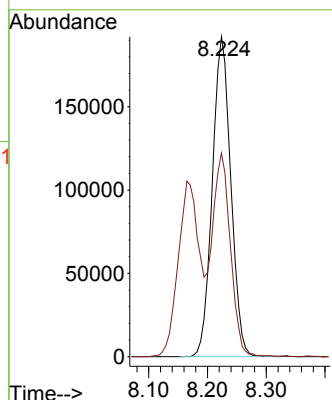
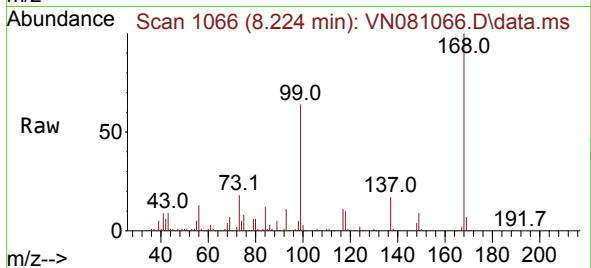
VSTDCCC050

Tgt Ion:168 Resp: 419608

Ion Ratio Lower Upper

168 100

99 63.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 48.961 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081066.D

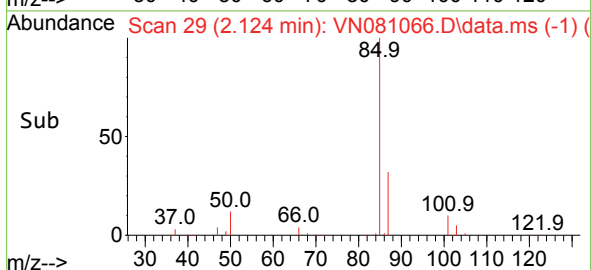
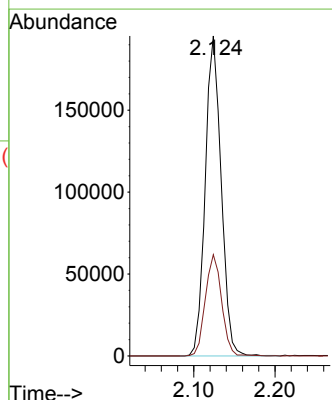
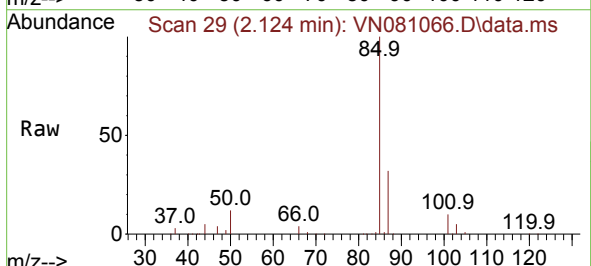
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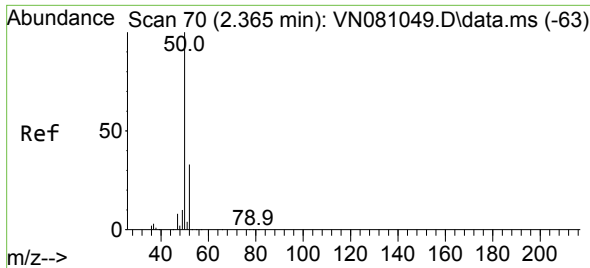
Tgt Ion: 85 Resp: 265687

Ion Ratio Lower Upper

85 100

87 31.7 15.3 45.9

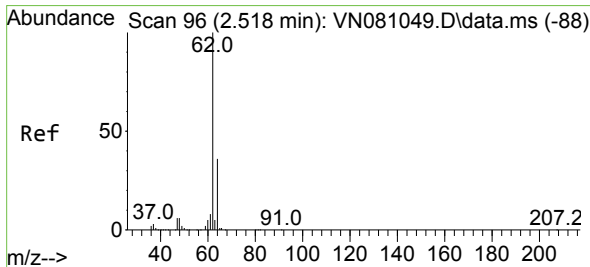
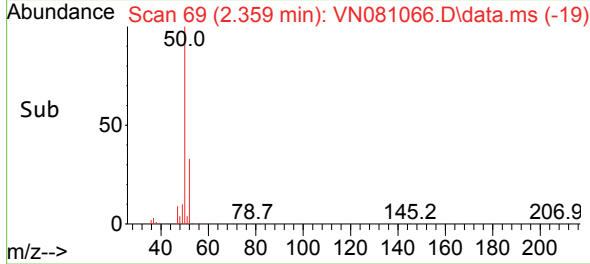
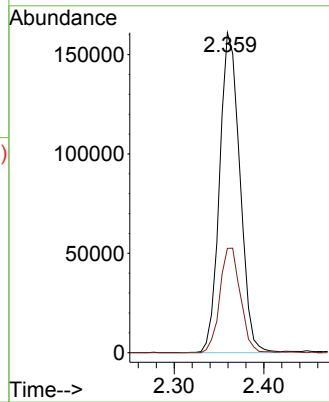
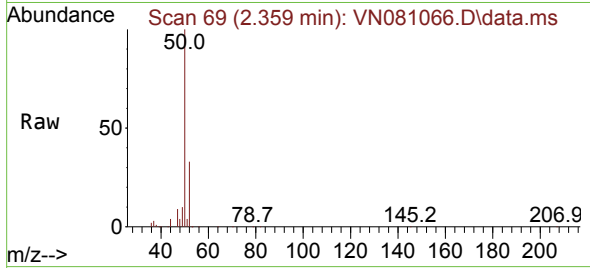




#3
Chloromethane
Concen: 42.545 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081066.D
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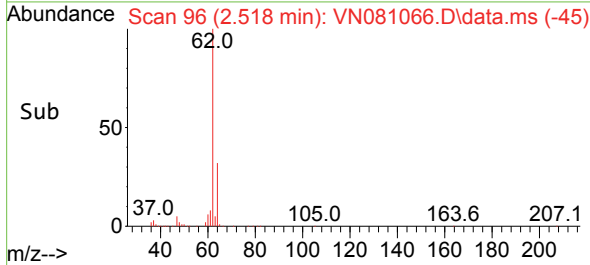
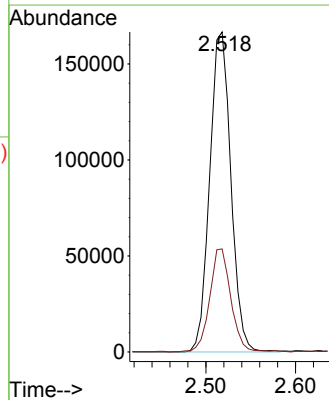
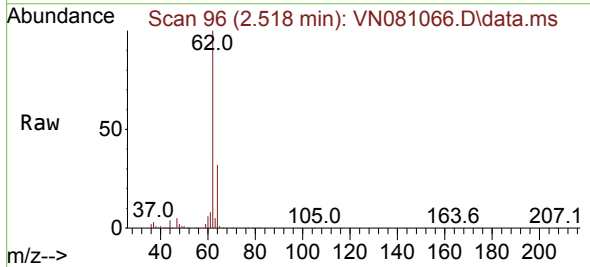
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

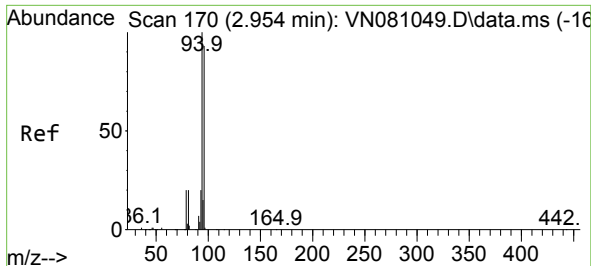
Tgt Ion: 50 Resp: 252970
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4



#4
Vinyl Chloride
Concen: 45.354 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 62 Resp: 273374
Ion Ratio Lower Upper
62 100
64 32.1 22.7 34.1

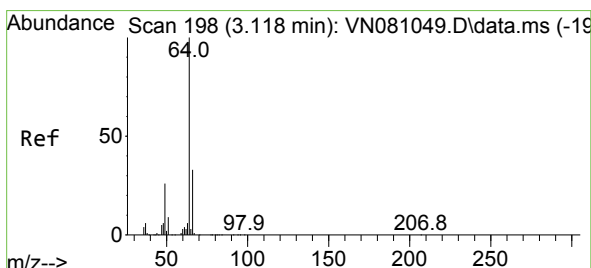
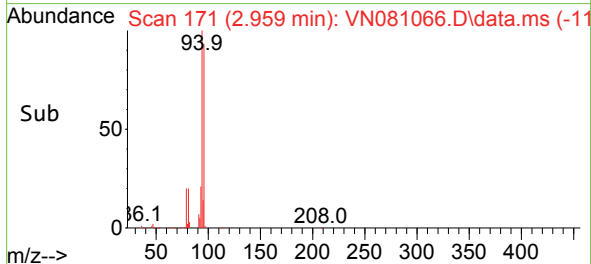
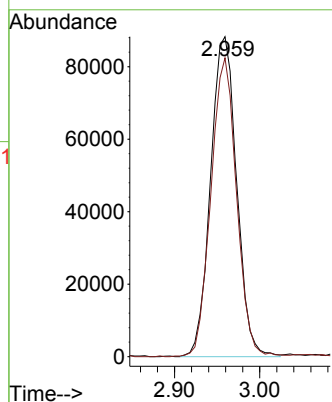
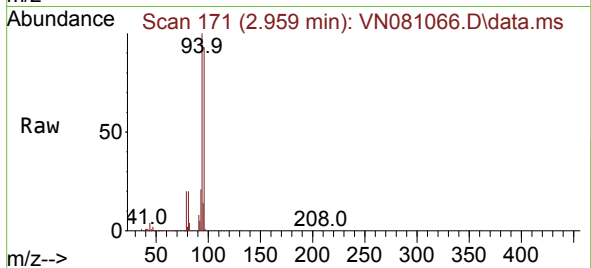




#5
Bromomethane
Concen: 43.902 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

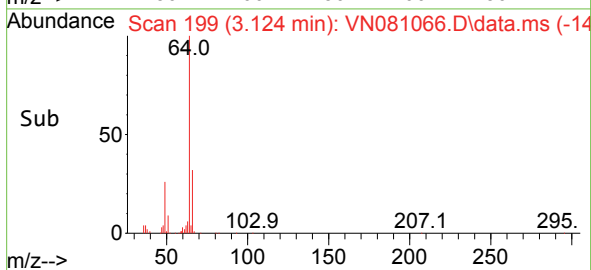
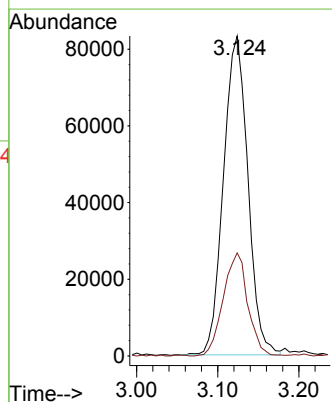
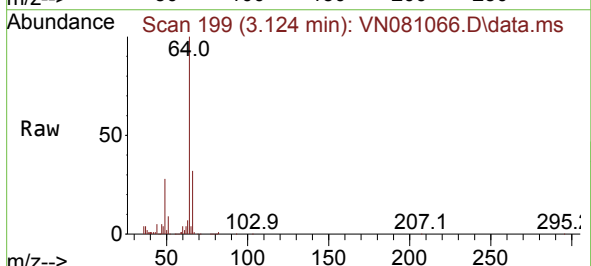
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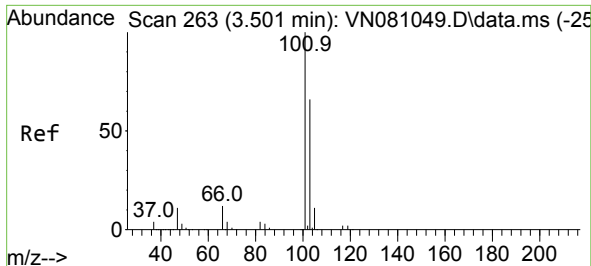
Tgt Ion: 94 Resp: 187953
Ion Ratio Lower Upper
94 100
96 93.2 69.2 103.8



#6
Chloroethane
Concen: 44.460 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 64 Resp: 173650
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6

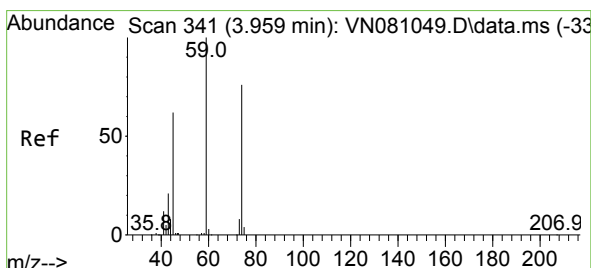
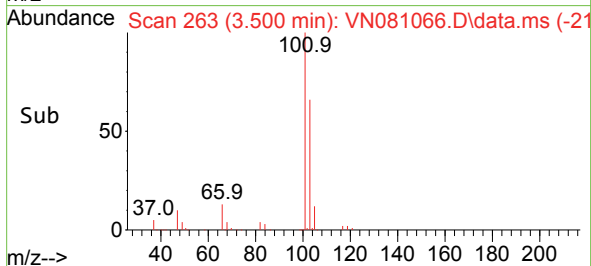
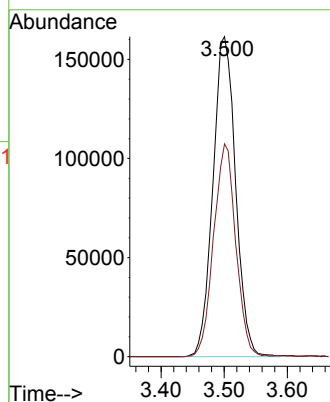
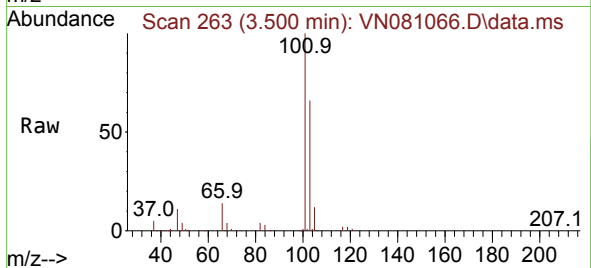




#7
 Trichlorofluoromethane
 Concen: 45.768 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

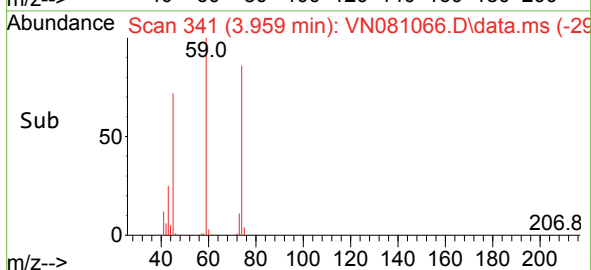
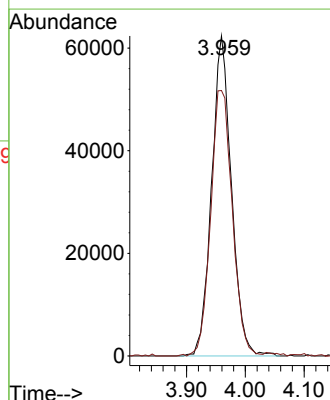
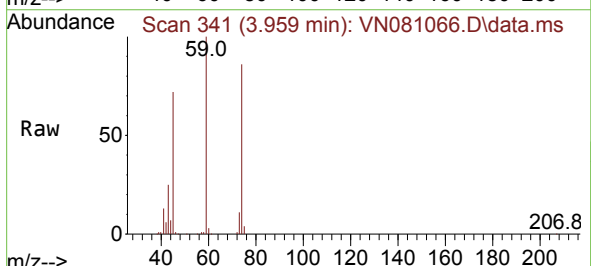
Instrument :
 MSVOA_N
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 VSTDCCC050

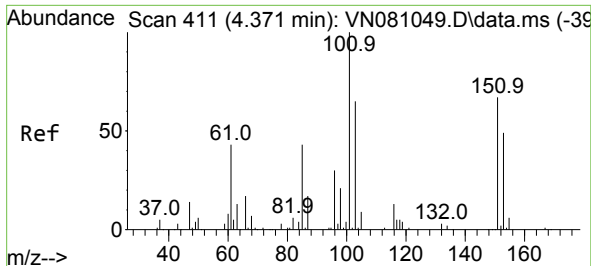
Tgt Ion:101 Resp: 403022
 Ion Ratio Lower Upper
 101 100
 103 66.5 54.4 81.6



#8
 Diethyl Ether
 Concen: 45.339 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Tgt Ion: 74 Resp: 145966
 Ion Ratio Lower Upper
 74 100
 45 90.7 53.3 159.9

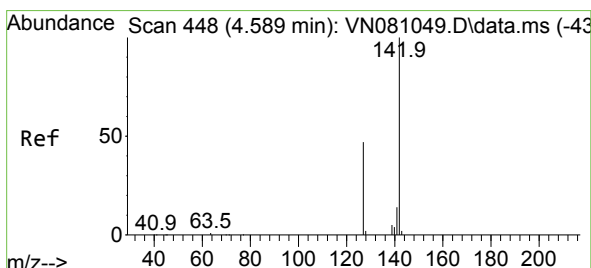
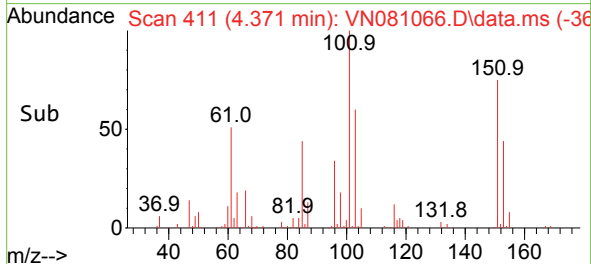
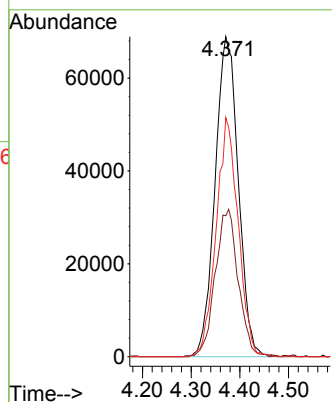
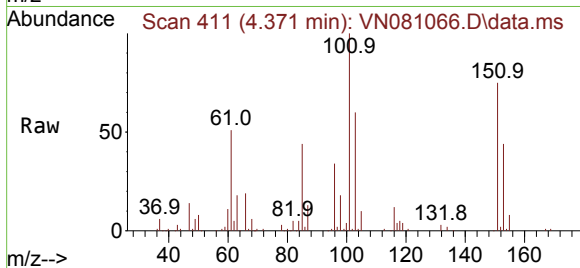




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.489 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

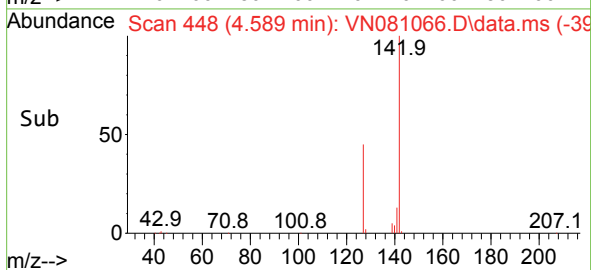
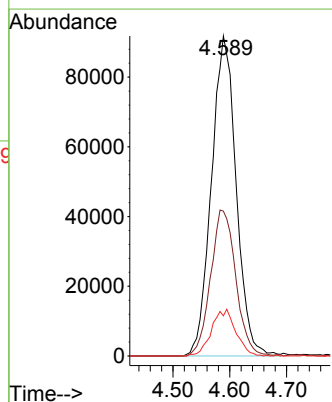
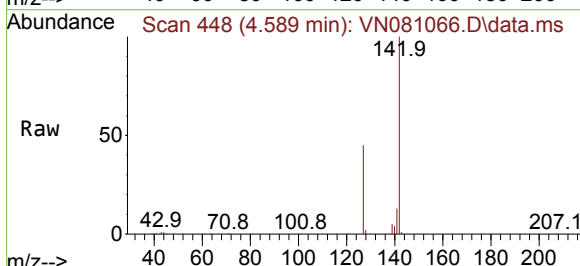
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 228212
Ion Ratio Lower Upper
101 100
85 45.5 38.1 57.1
151 71.0 49.1 73.7



#10
Methyl Iodide
Concen: 50.678 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:142 Resp: 277687
Ion Ratio Lower Upper
142 100
127 45.2 37.0 55.4
141 12.6 12.5 18.7

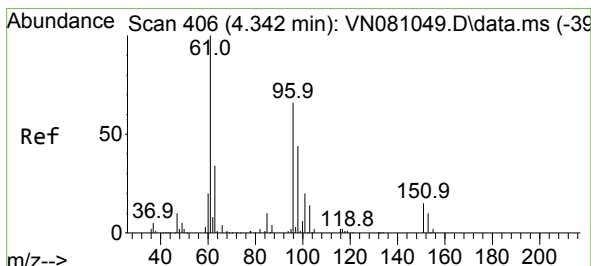
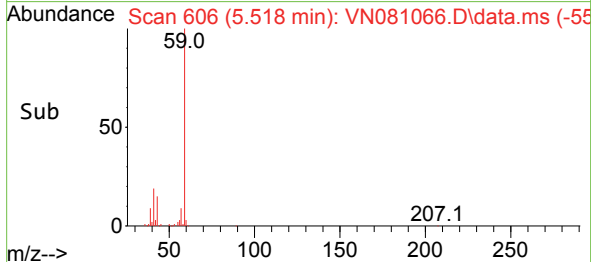
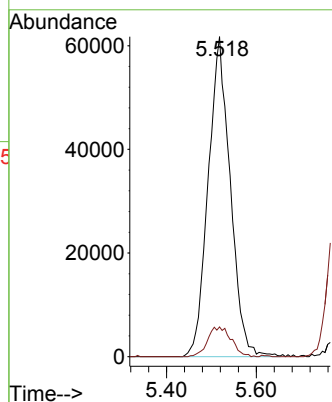
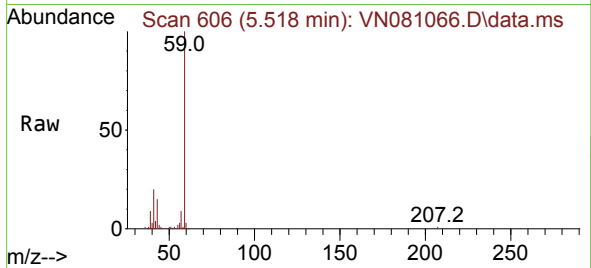




#11
Tert butyl alcohol
Concen: 222.845 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

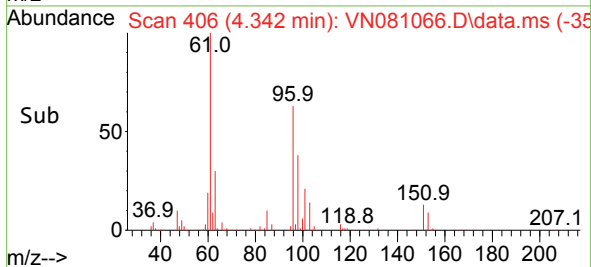
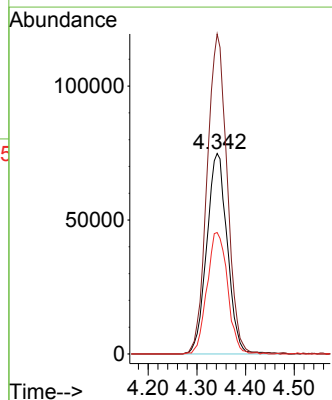
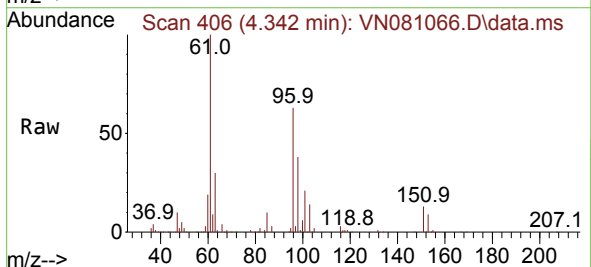
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

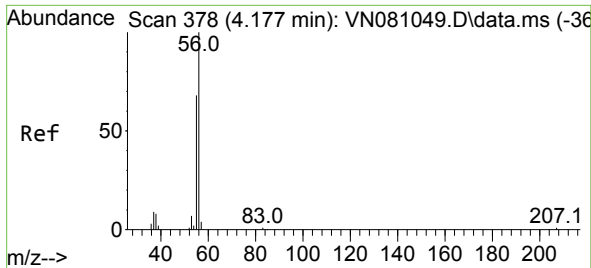
Tgt Ion: 59 Resp: 210780
Ion Ratio Lower Upper
59 100
57 4.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 46.157 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 96 Resp: 219026
Ion Ratio Lower Upper
96 100
61 159.6 138.2 207.4
98 60.6 49.2 73.8

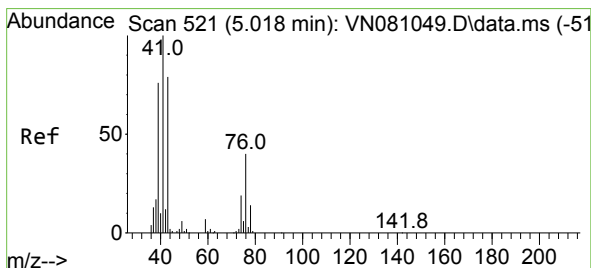
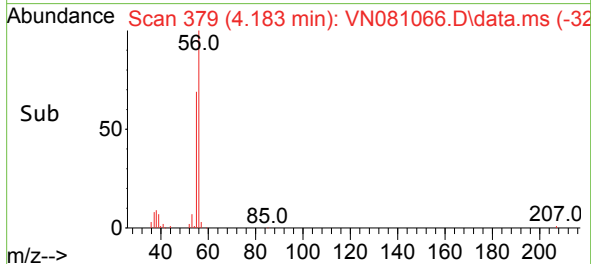
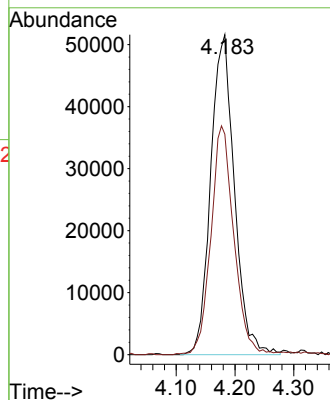
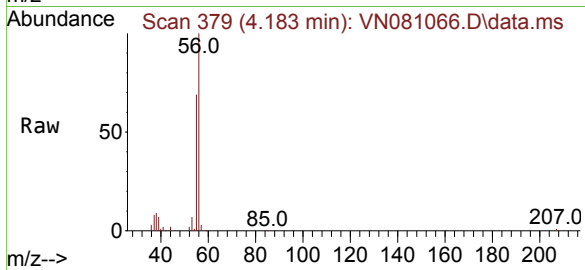




#13
Acrolein
Concen: 284.579 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

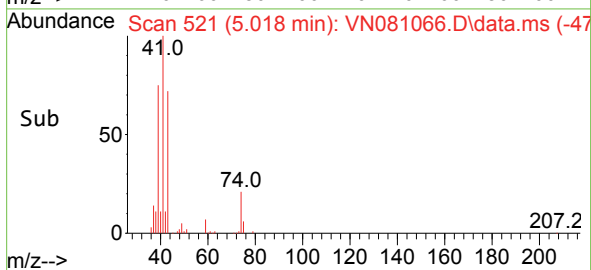
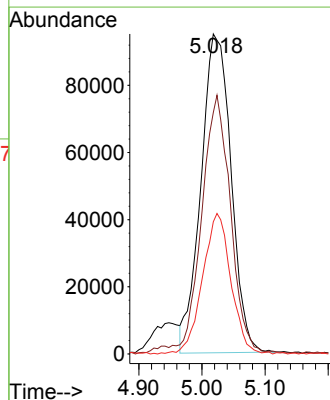
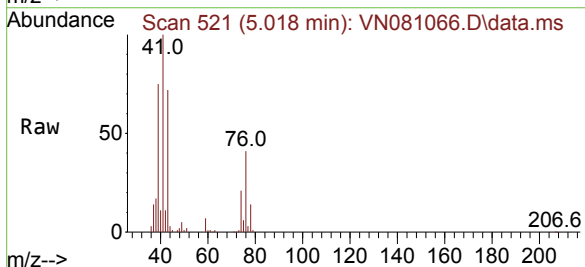
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

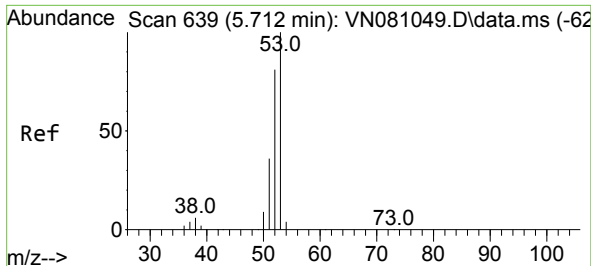
Tgt Ion: 56 Resp: 144270
Ion Ratio Lower Upper
56 100
55 69.4 55.3 82.9



#14
Allyl chloride
Concen: 44.787 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 41 Resp: 315337
Ion Ratio Lower Upper
41 100
39 77.1 57.7 86.5
76 41.4 26.8 40.2#

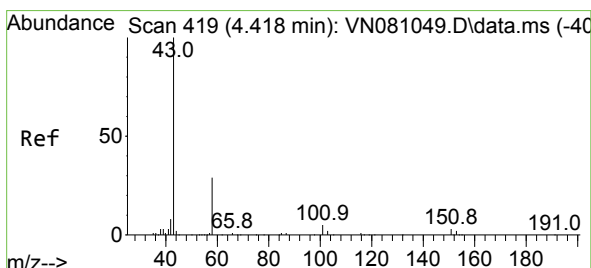
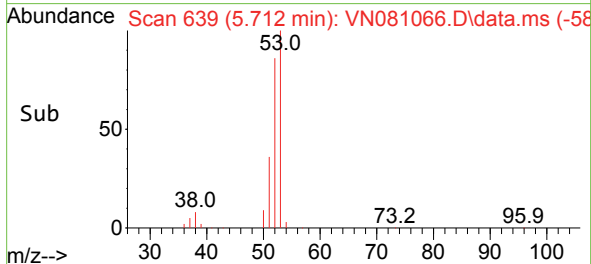
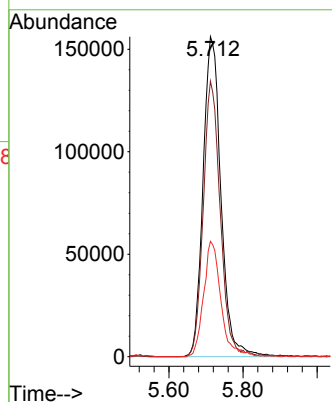
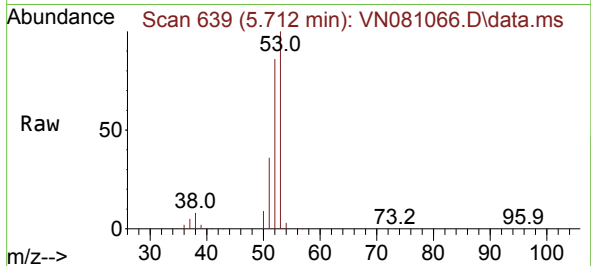




#15
Acrylonitrile
Concen: 211.758 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

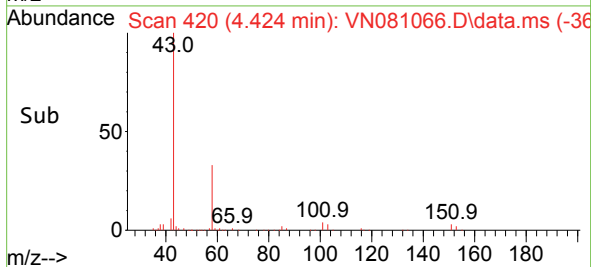
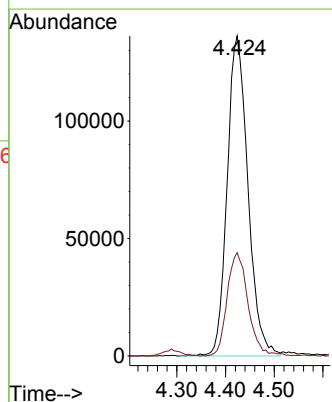
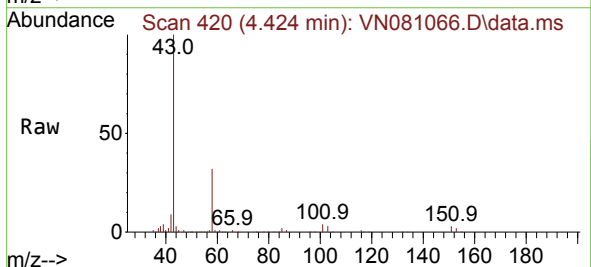
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

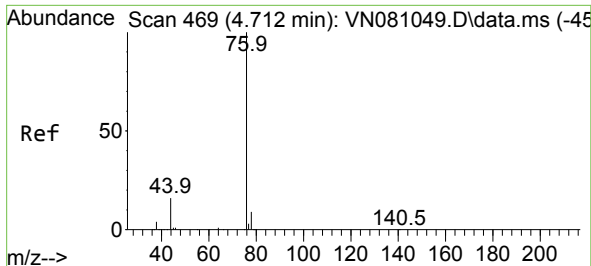
Tgt Ion: 53 Resp: 523101
Ion Ratio Lower Upper
53 100
52 81.8 64.8 97.2
51 35.0 26.9 40.3



#16
Acetone
Concen: 199.388 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 43 Resp: 403511
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2

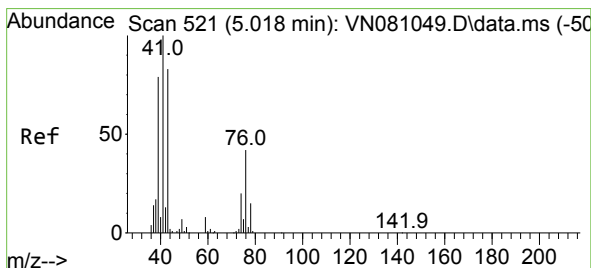
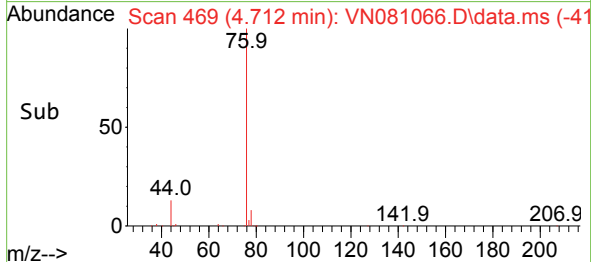
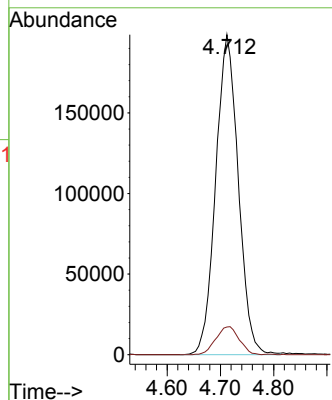
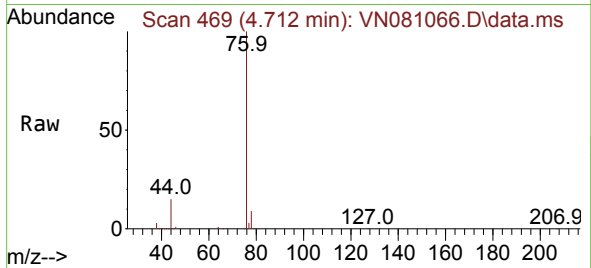




#17
Carbon Disulfide
Concen: 44.140 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

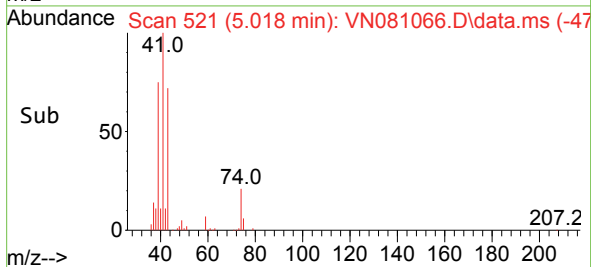
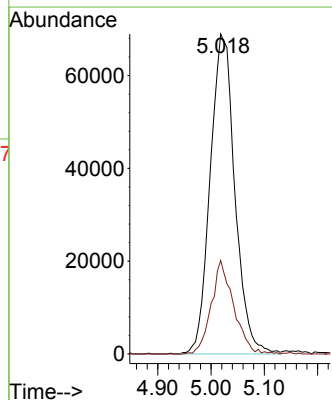
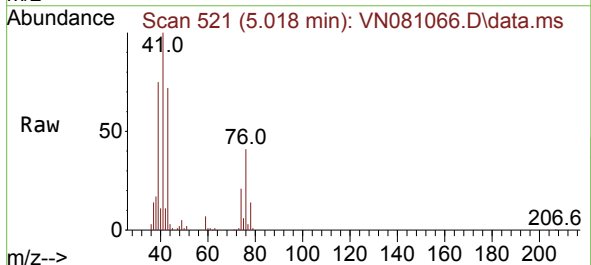
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

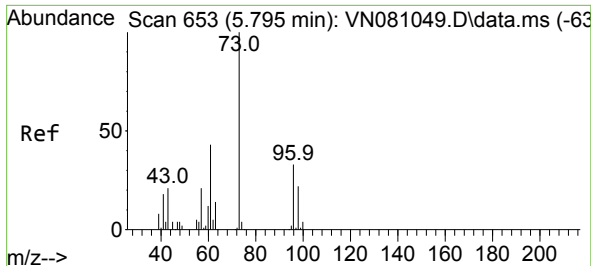
Tgt Ion: 76 Resp: 584212
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5



#18
Methyl Acetate
Concen: 44.996 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 43 Resp: 222136
Ion Ratio Lower Upper
43 100
74 26.5 17.3 25.9#

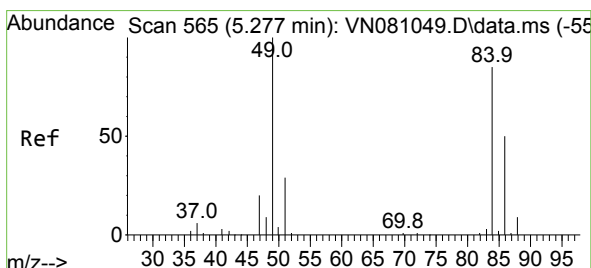
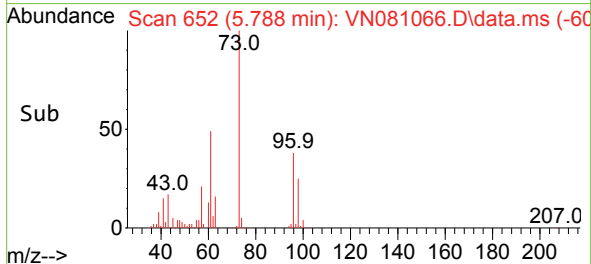
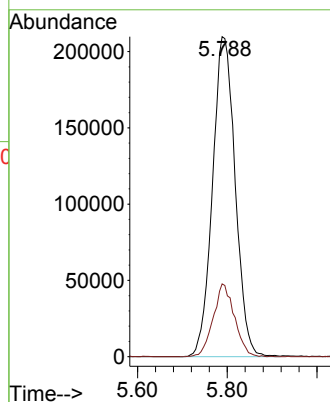
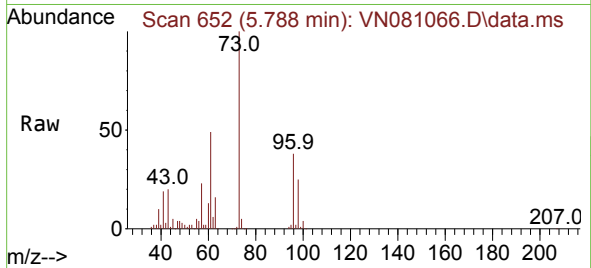




#19
Methyl tert-butyl Ether
Concen: 45.391 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

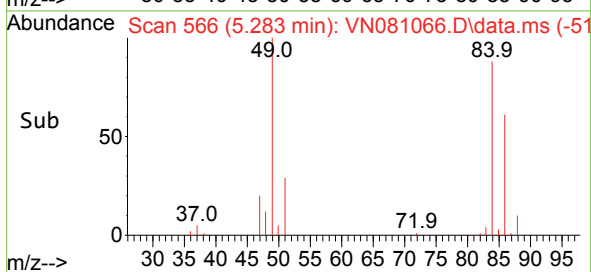
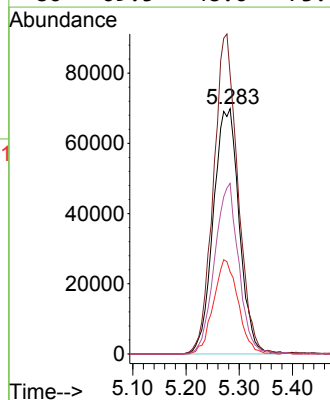
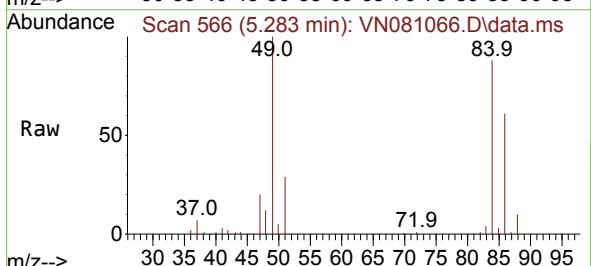
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

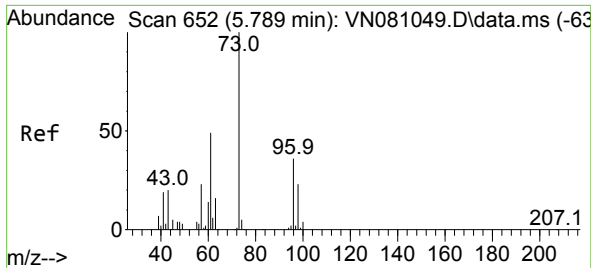
Tgt Ion: 73 Resp: 737705
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 45.022 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 84 Resp: 236194
Ion Ratio Lower Upper
84 100
49 113.9 108.1 162.1
51 33.4 32.9 49.3
86 69.5 48.6 73.0

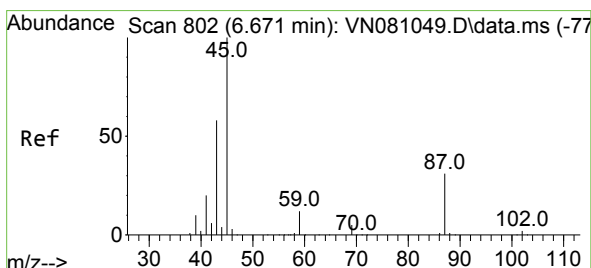
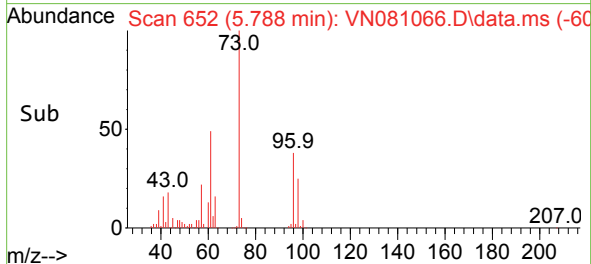
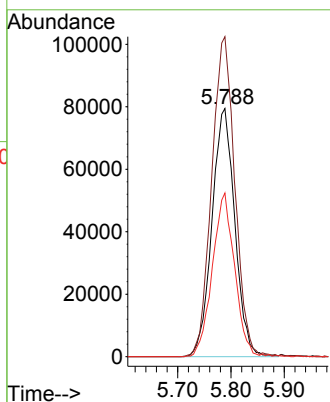
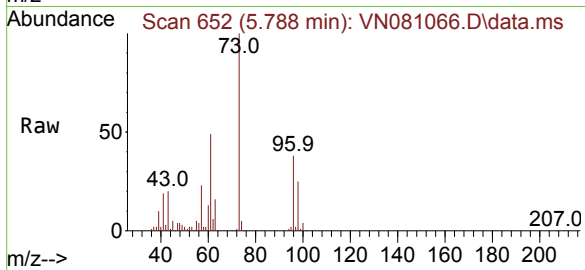




#21
trans-1,2-Dichloroethene
Concen: 44.705 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

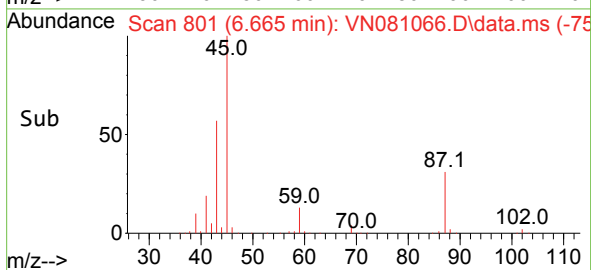
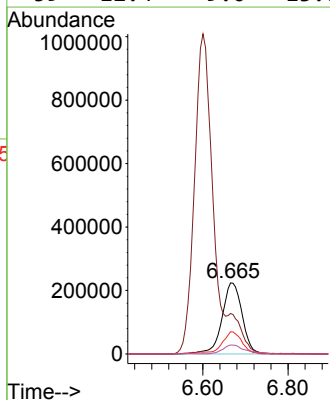
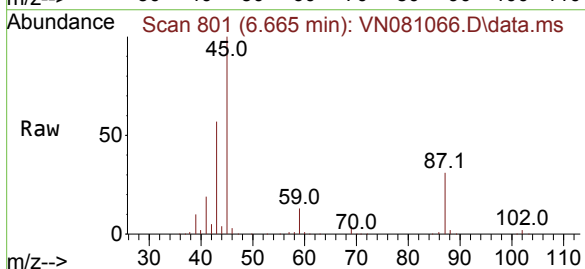
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

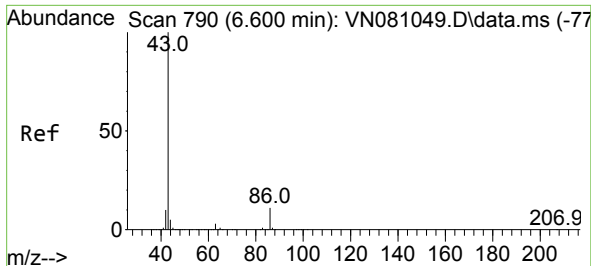
Tgt Ion: 96 Resp: 236680
Ion Ratio Lower Upper
96 100
61 129.0 112.8 169.2
98 65.9 51.0 76.4



#22
Diisopropyl ether
Concen: 46.119 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 45 Resp: 736588
Ion Ratio Lower Upper
45 100
43 56.6 41.8 62.8
87 31.1 18.1 27.1#
59 12.4 9.0 13.6

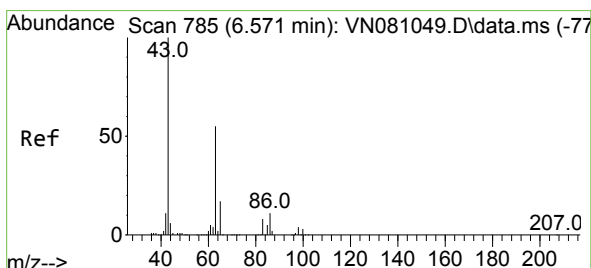
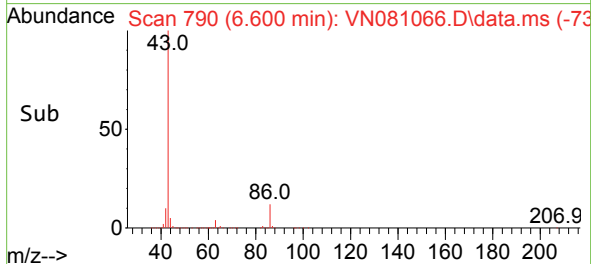
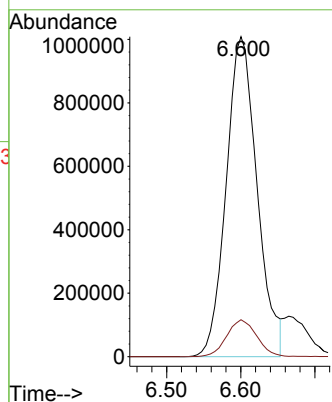
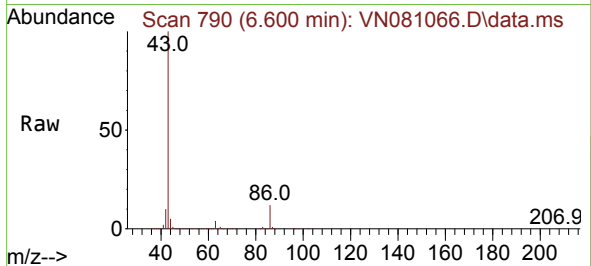




#23
 Vinyl Acetate
 Concen: 225.790 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

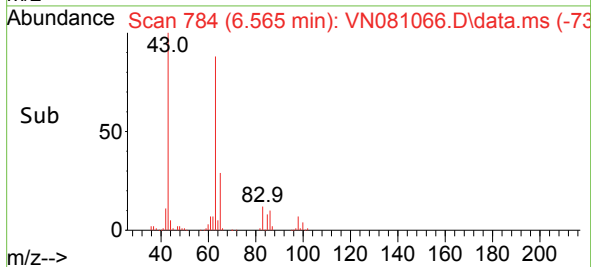
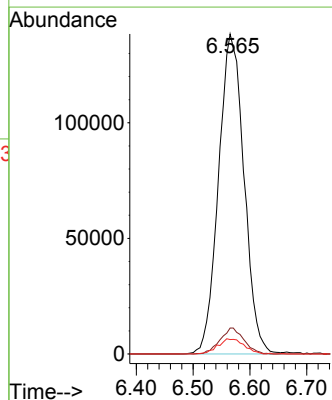
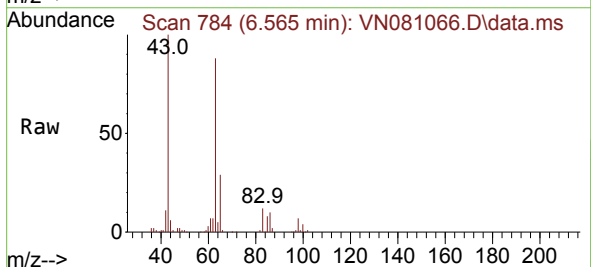
Instrument :
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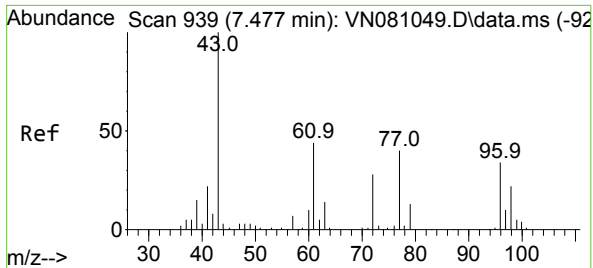
Tgt Ion: 43 Resp: 2925871
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.671 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Tgt Ion: 63 Resp: 431003
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 4.5 1.9 5.7

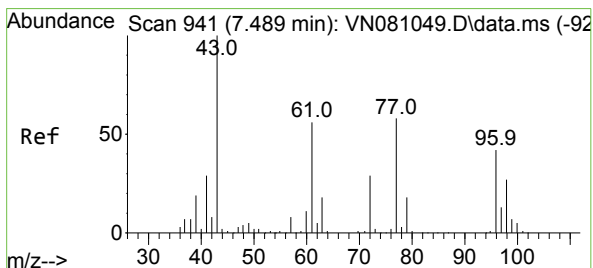
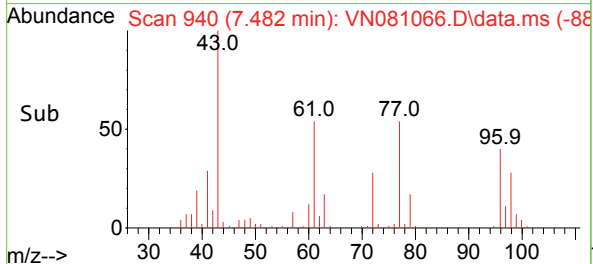
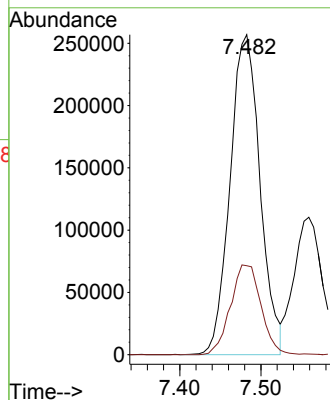
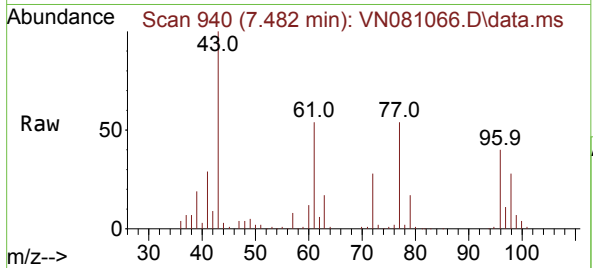




#25
2-Butanone
Concen: 201.858 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

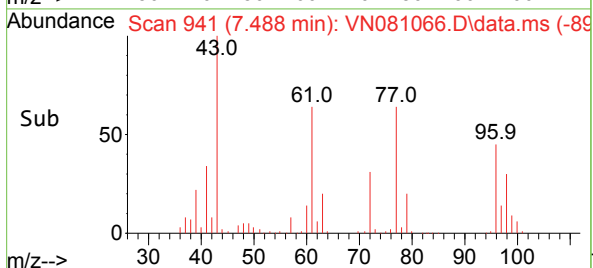
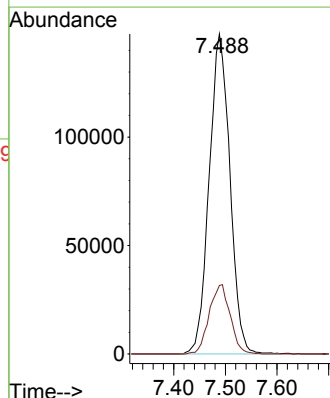
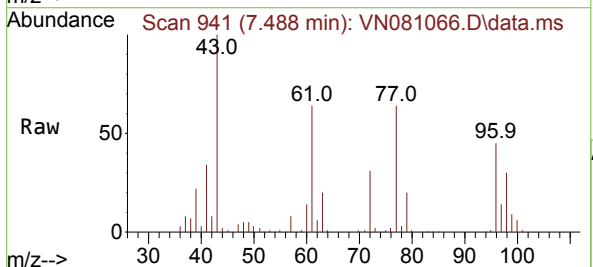
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

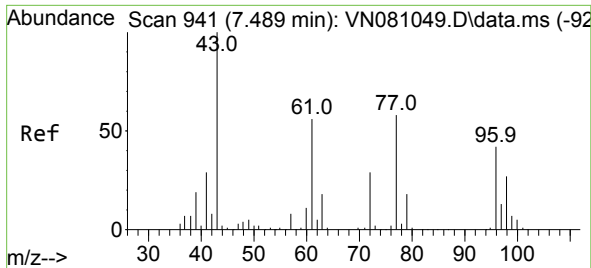
Tgt Ion: 43 Resp: 659957
Ion Ratio Lower Upper
43 100
72 27.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 47.561 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 77 Resp: 411550
Ion Ratio Lower Upper
77 100
97 21.9 11.5 34.5



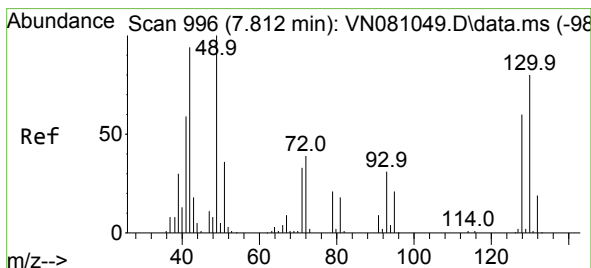
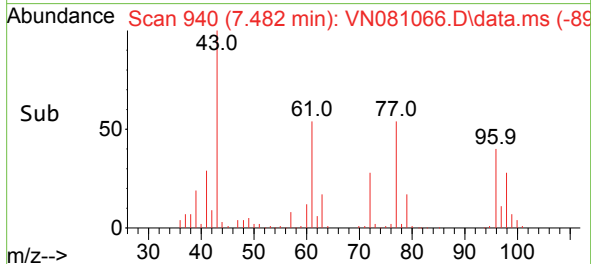
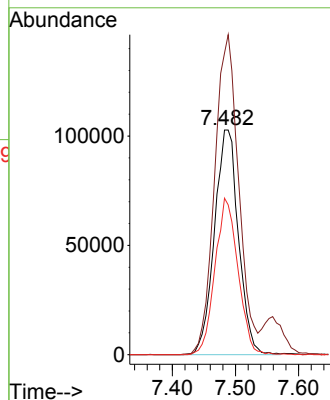
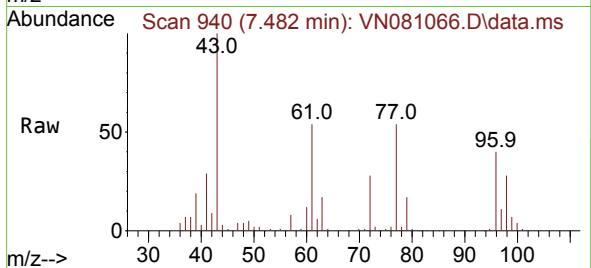


#27
 cis-1,2-Dichloroethene
 Concen: 44.172 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 271707

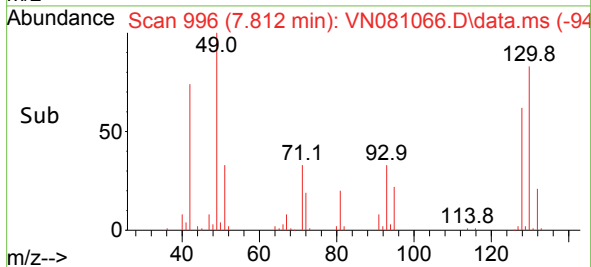
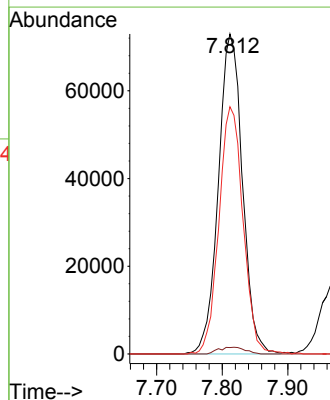
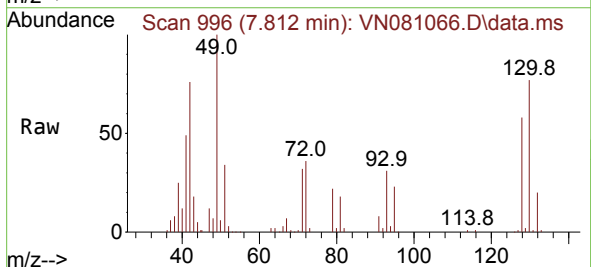
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	325.4
98	66.5	0.0	130.4

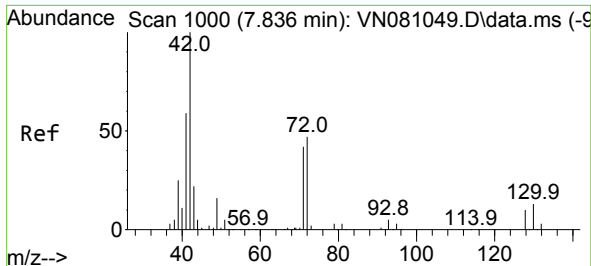


#28
 Bromochloromethane
 Concen: 48.521 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Tgt Ion: 49 Resp: 185766

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	1.6#
130	77.3	42.3	63.5#





#29

Tetrahydrofuran

Concen: 197.532 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

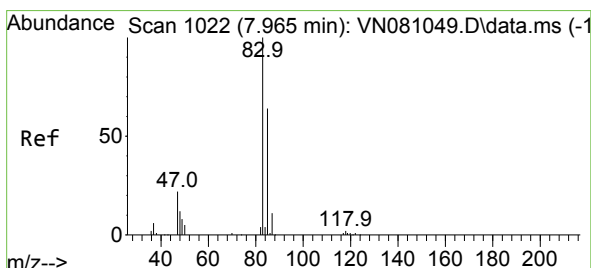
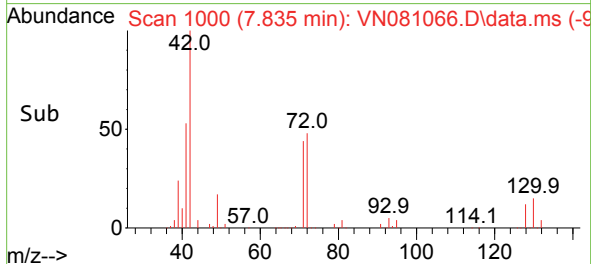
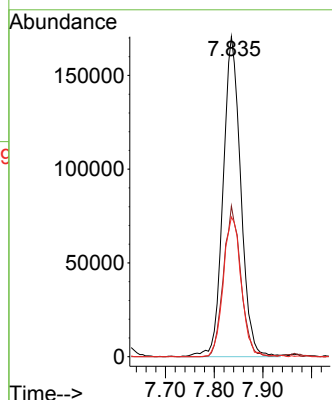
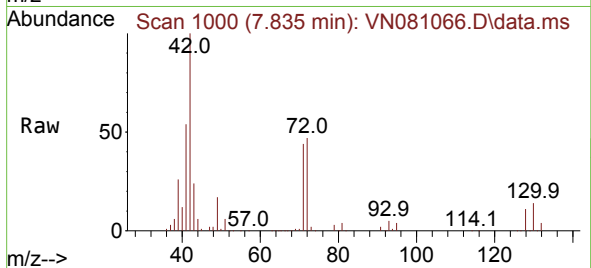
Tgt Ion: 42 Resp: 431111

Ion Ratio Lower Upper

42 100

72 45.9 31.1 46.7

71 44.4 28.3 42.5#



#30

Chloroform

Concen: 45.370 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081066.D

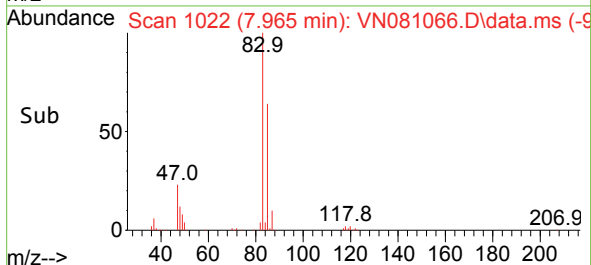
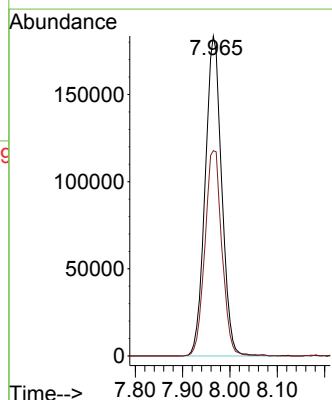
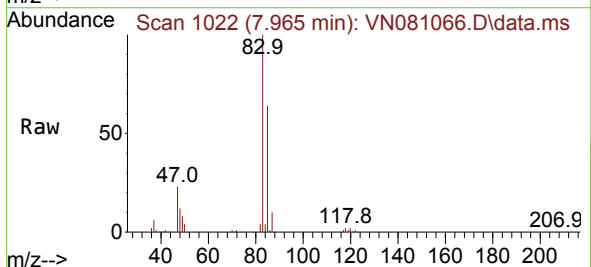
Acq: 19 Feb 2024 10:14

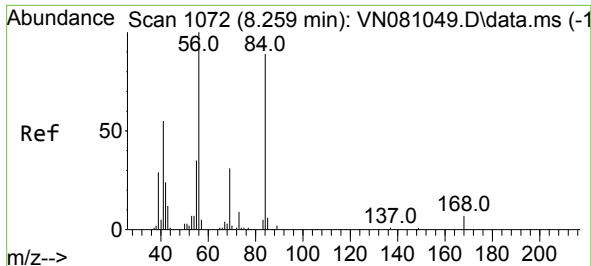
Tgt Ion: 83 Resp: 445420

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

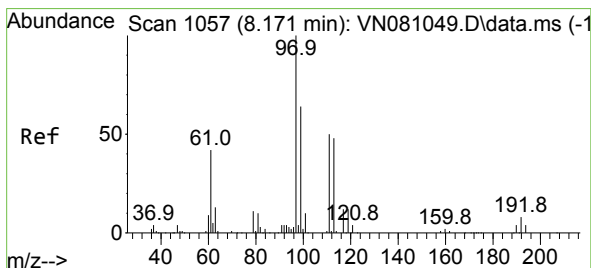
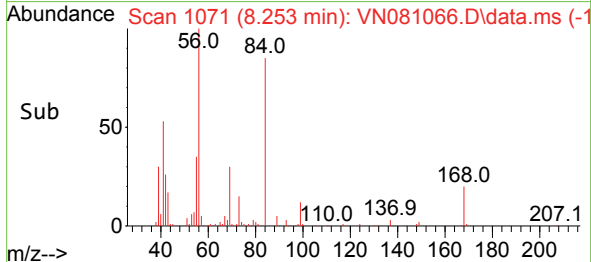
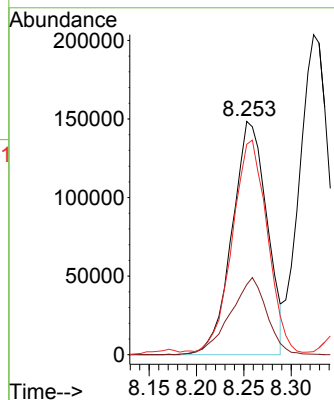
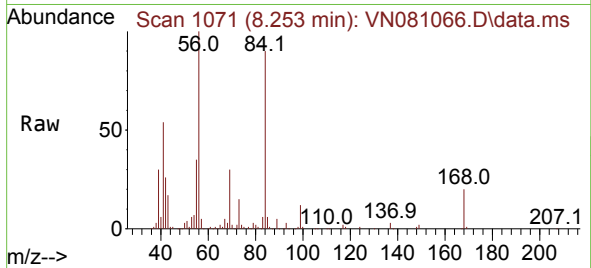




#31
Cyclohexane
Concen: 42.763 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

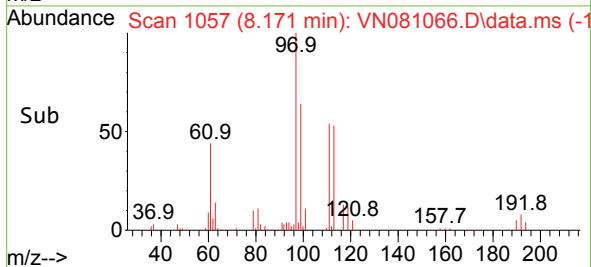
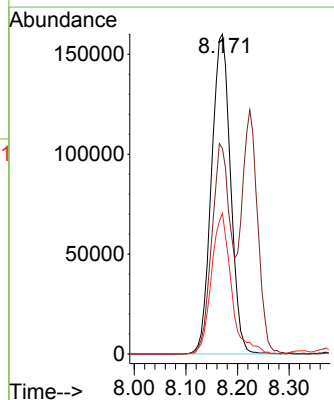
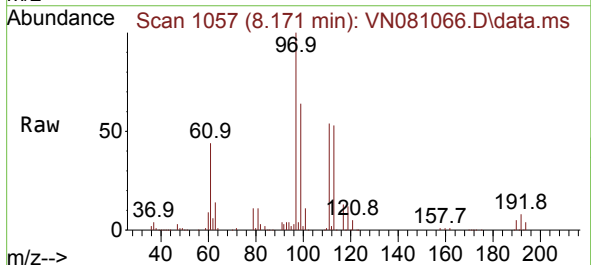
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

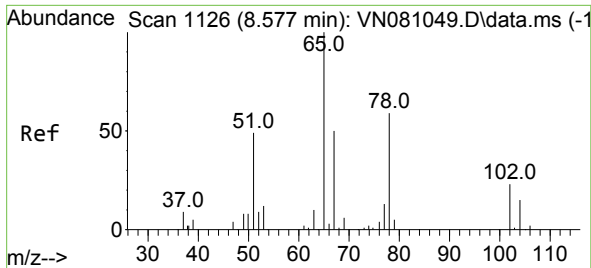
Tgt Ion: 56 Resp: 379766
Ion Ratio Lower Upper
56 100
69 29.8 20.1 30.1
84 88.8 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 45.851 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 97 Resp: 409957
Ion Ratio Lower Upper
97 100
99 63.7 53.4 80.0
61 46.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 46.702 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

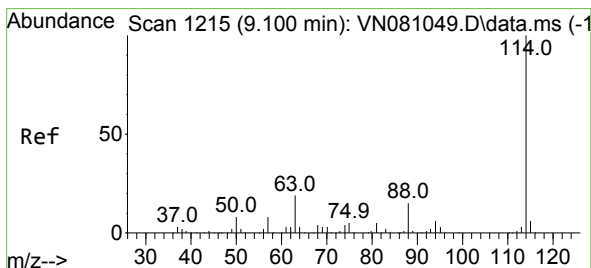
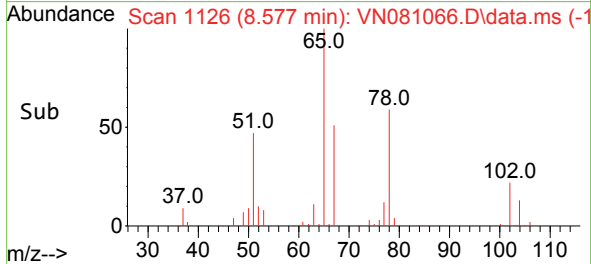
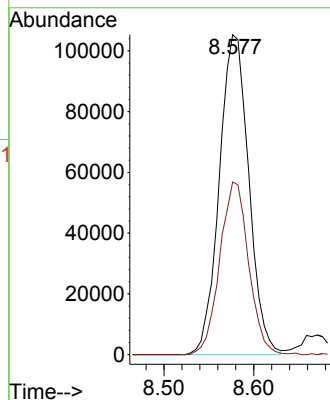
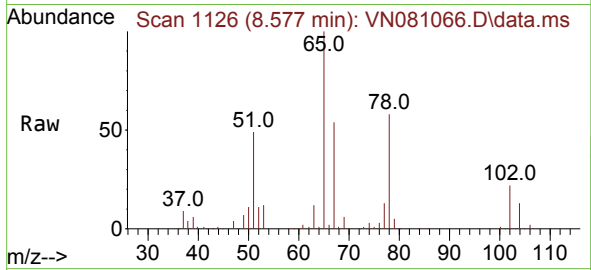
VSTDCCC050

Tgt Ion: 65 Resp: 240201

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

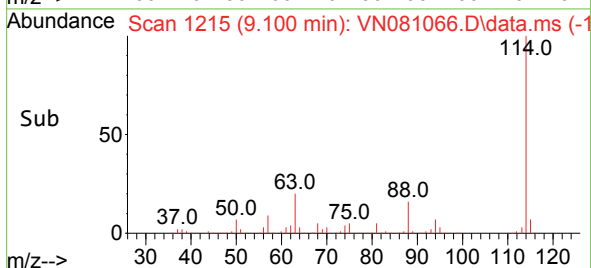
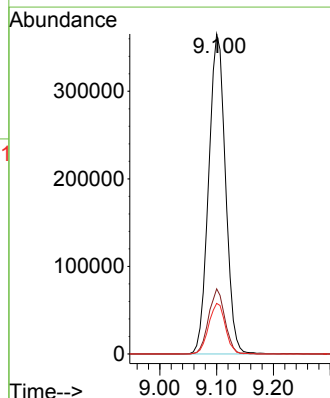
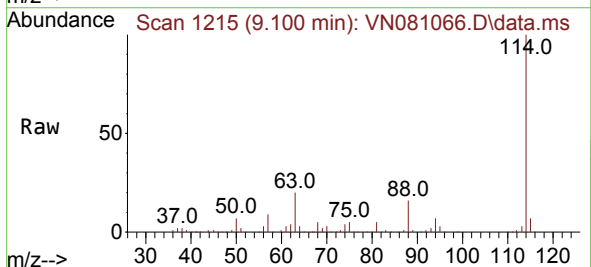
Tgt Ion: 114 Resp: 748829

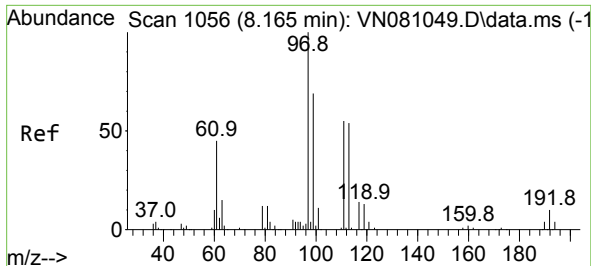
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 15.8 0.0 34.8

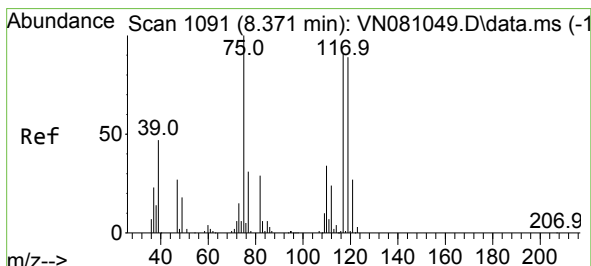
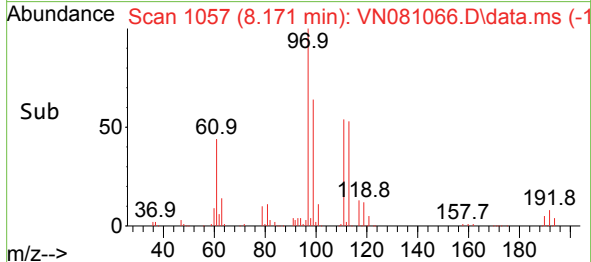
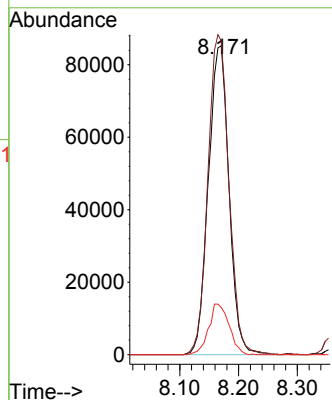
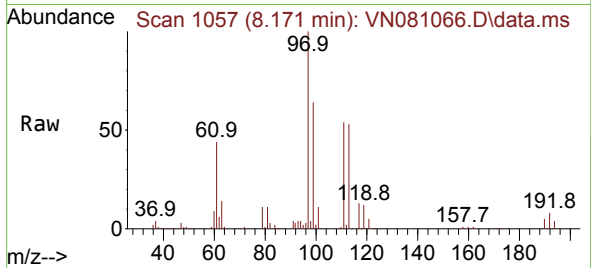




#35
Dibromofluoromethane
Concen: 49.141 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

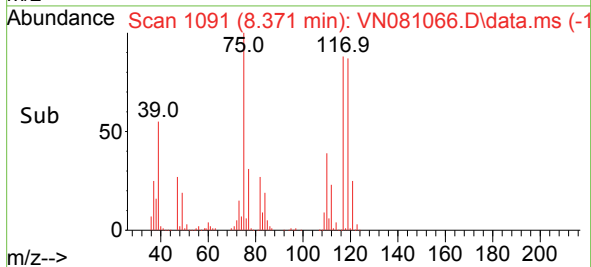
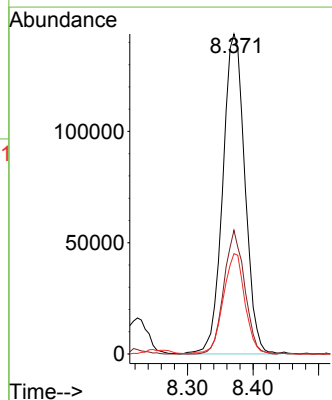
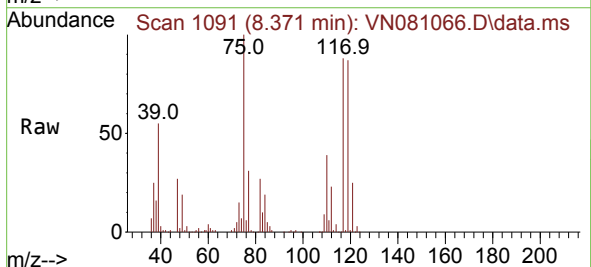
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

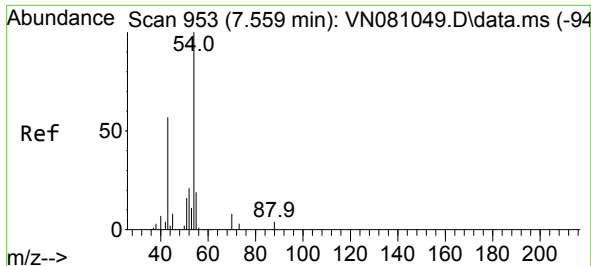
Tgt Ion:113 Resp: 208081
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.4
192 16.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 46.353 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 75 Resp: 336266
Ion Ratio Lower Upper
75 100
110 36.2 16.0 48.0
77 30.7 25.8 38.6





#37

Ethyl Acetate

Concen: 42.418 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

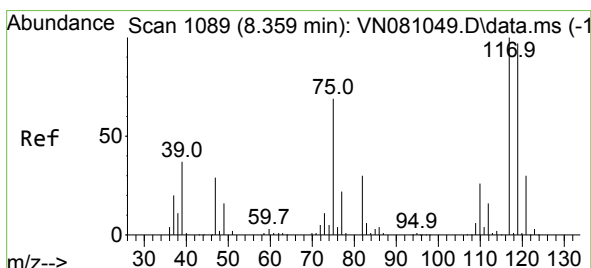
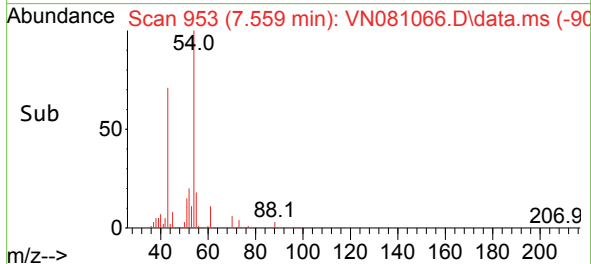
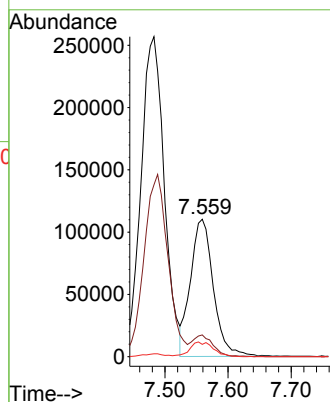
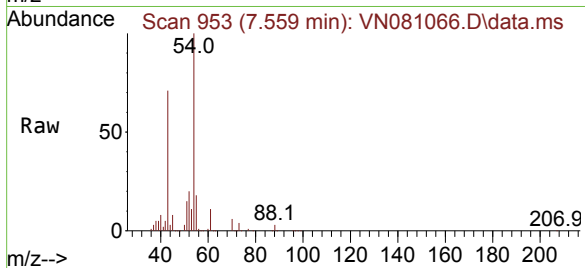
Tgt Ion: 43 Resp: 277716

Ion Ratio Lower Upper

43 100

61 14.3 10.6 15.8

70 11.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 48.875 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

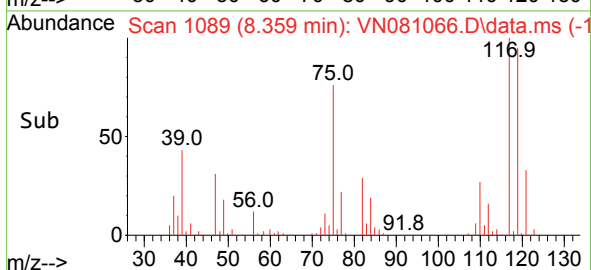
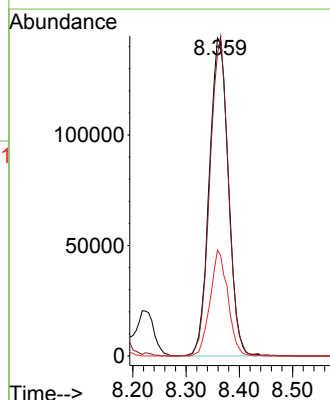
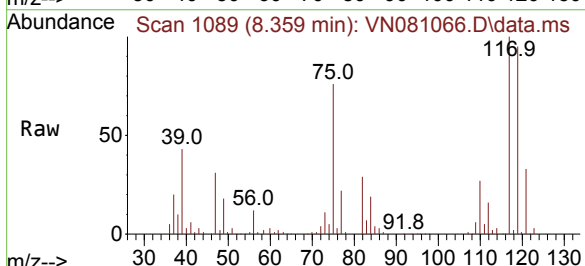
Tgt Ion: 117 Resp: 358721

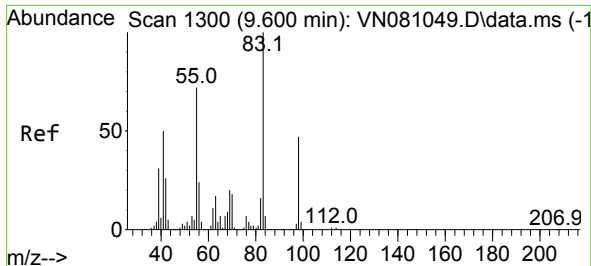
Ion Ratio Lower Upper

117 100

119 95.0 73.4 110.2

121 33.3 24.4 36.6

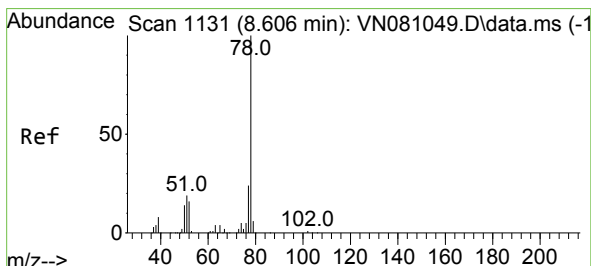
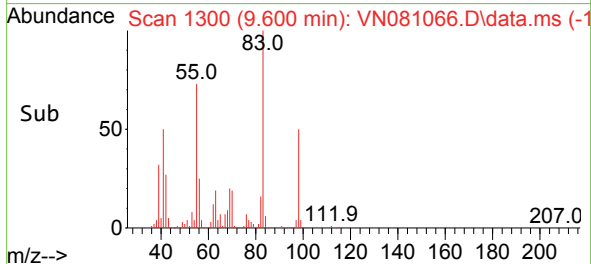
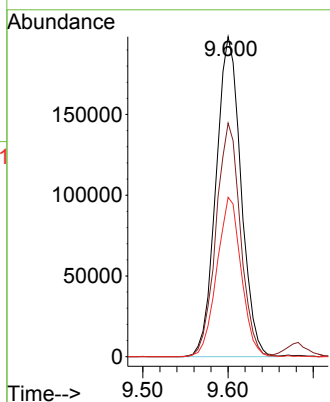
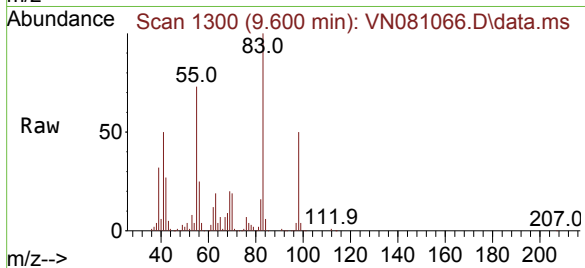




#39
Methylcyclohexane
Concen: 47.743 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

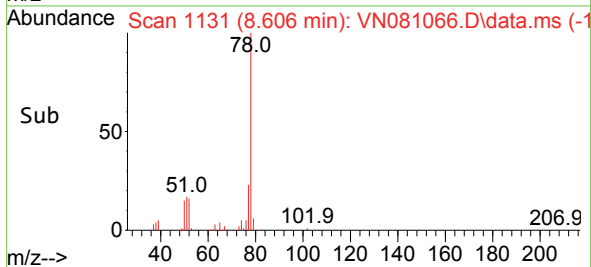
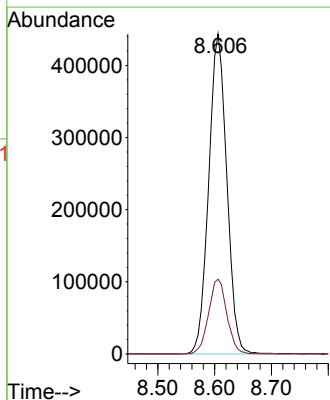
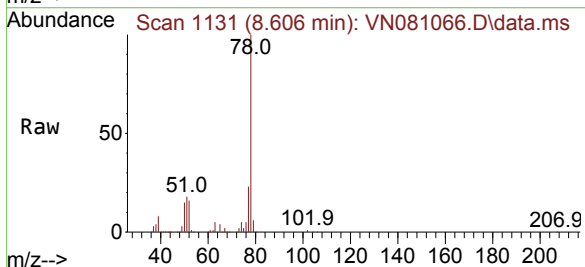
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

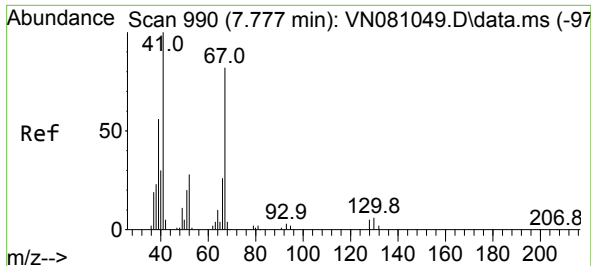
Tgt Ion: 83 Resp: 403741
Ion Ratio Lower Upper
83 100
55 73.0 65.7 98.5
98 49.8 33.8 50.6



#40
Benzene
Concen: 46.673 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 78 Resp: 980042
Ion Ratio Lower Upper
78 100
77 23.4 20.4 30.6

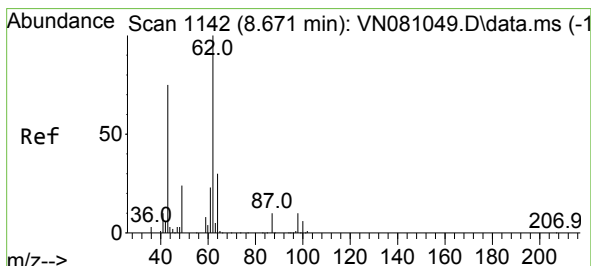
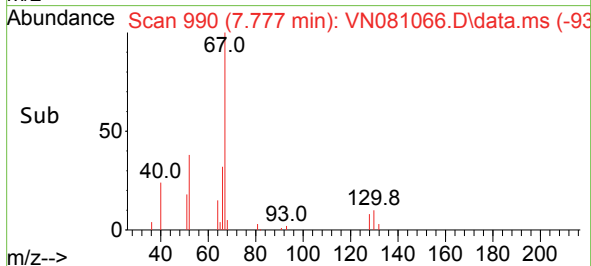
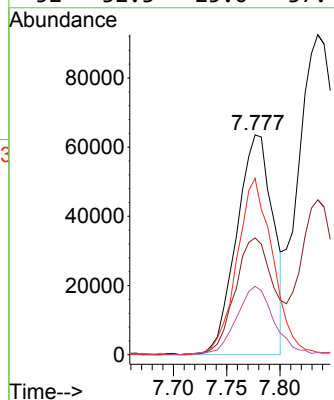
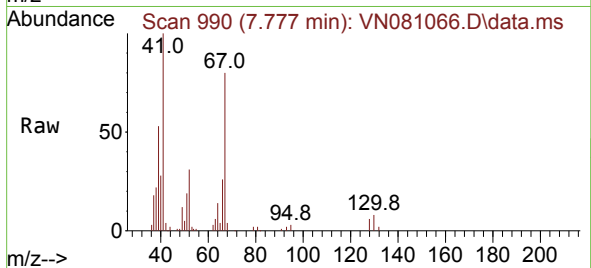




#41
Methacrylonitrile
Concen: 40.572 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

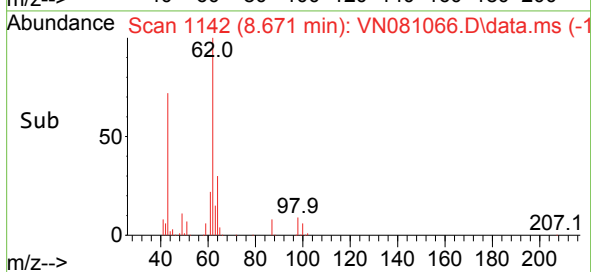
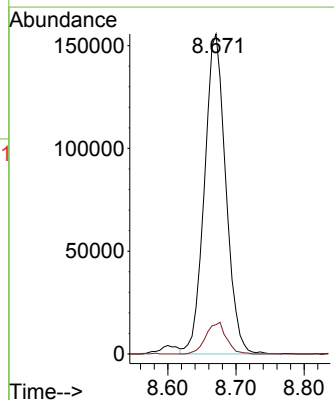
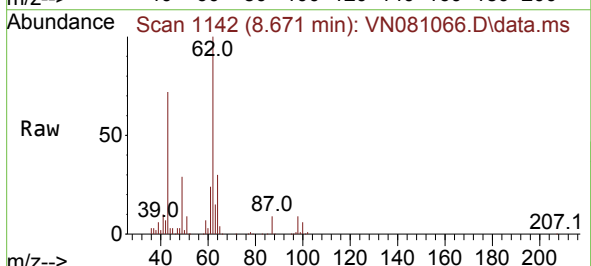
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

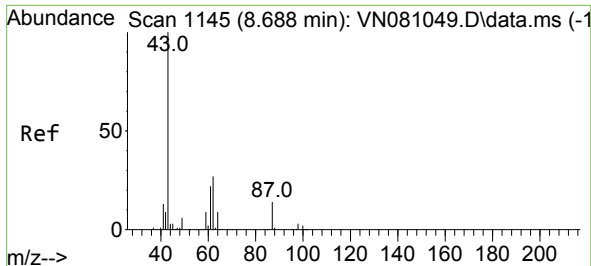
Tgt Ion:	41	Resp:	151178
Ion	Ratio	Lower	Upper
41	100		
39	57.9	48.4	72.6
67	79.7	56.8	85.2
52	32.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 46.300 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:	62	Resp:	339187
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

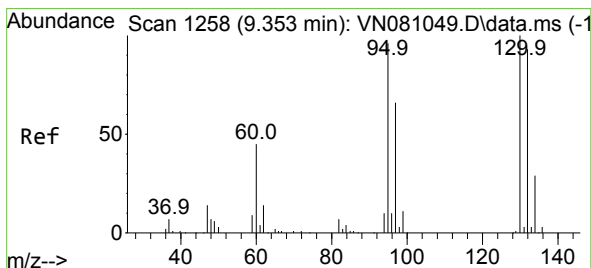
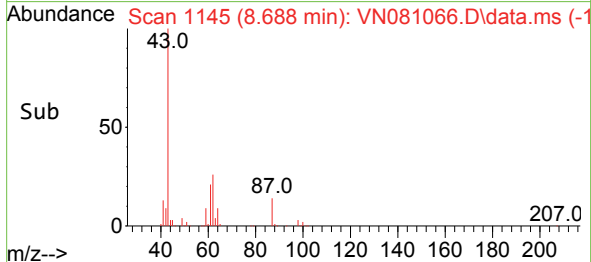
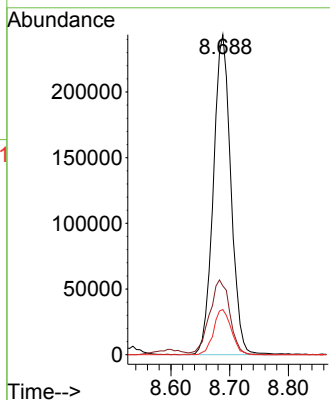
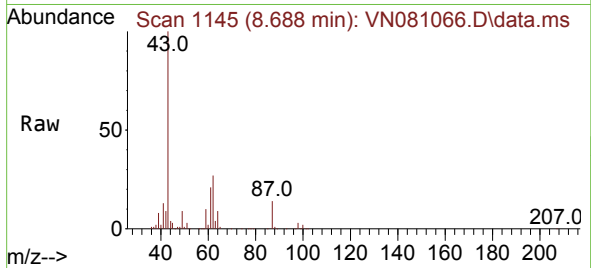




#43
Isopropyl Acetate
Concen: 44.071 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

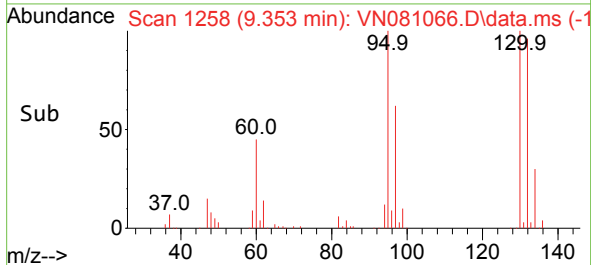
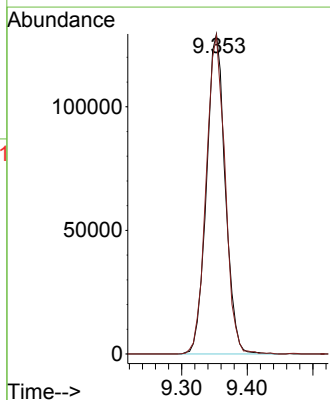
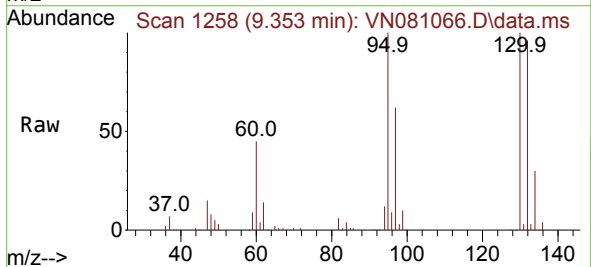
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

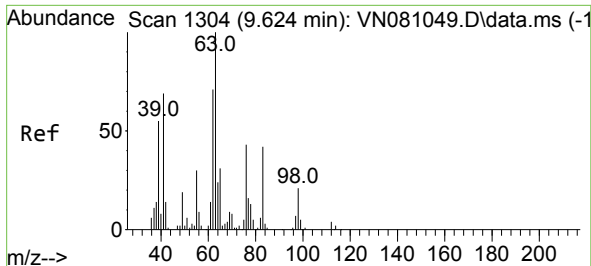
Tgt Ion: 43 Resp: 504643
Ion Ratio Lower Upper
43 100
61 27.1 19.9 29.9
87 14.3 9.0 13.6#



#44
Trichloroethene
Concen: 45.929 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:130 Resp: 256866
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 46.989 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

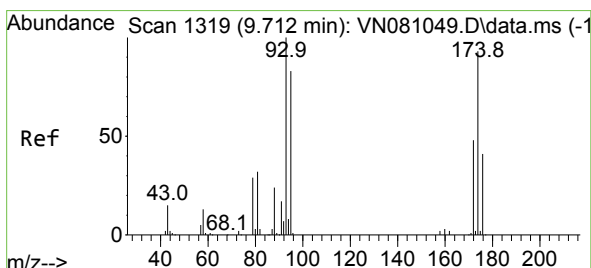
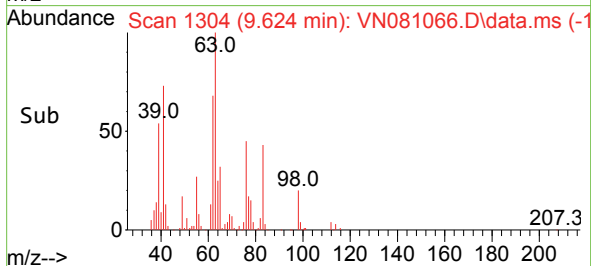
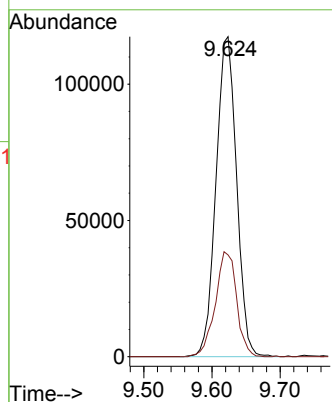
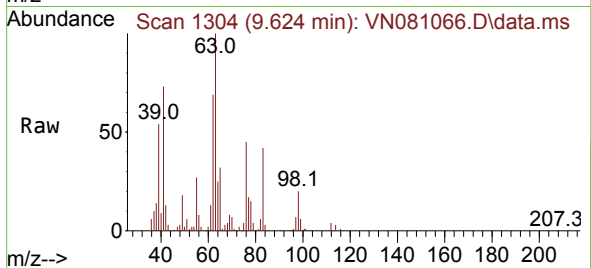
VSTDCCC050

Tgt Ion: 63 Resp: 246811

Ion Ratio Lower Upper

63 100

65 31.8 26.1 39.1



#46

Dibromomethane

Concen: 44.534 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

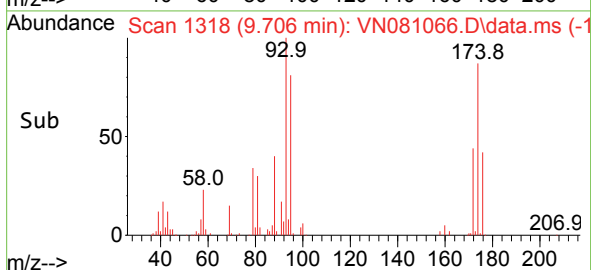
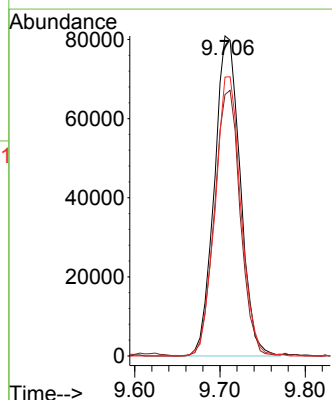
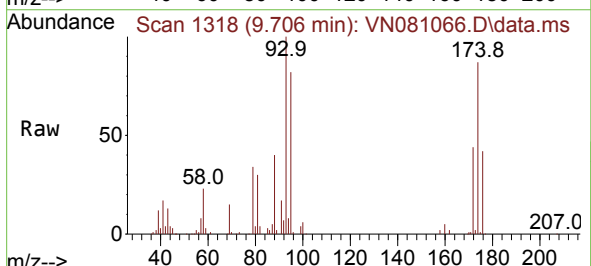
Tgt Ion: 93 Resp: 170433

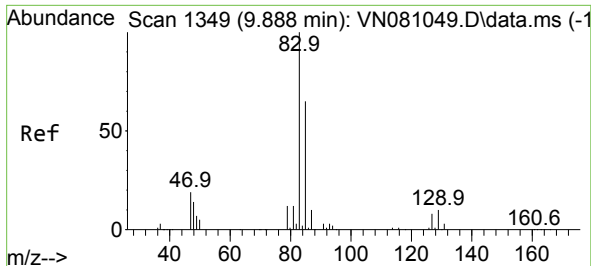
Ion Ratio Lower Upper

93 100

95 82.8 68.1 102.1

174 86.9 57.2 85.8#

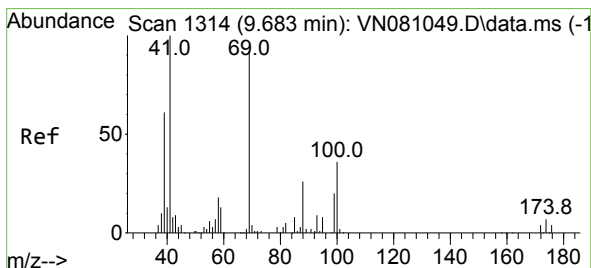
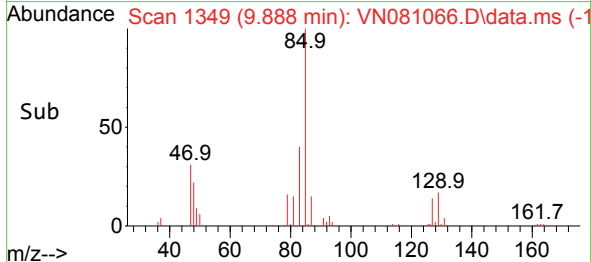
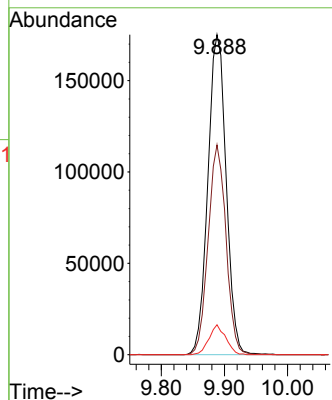
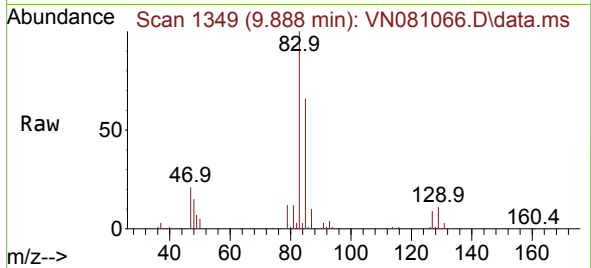




#47
Bromodichloromethane
Concen: 48.641 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

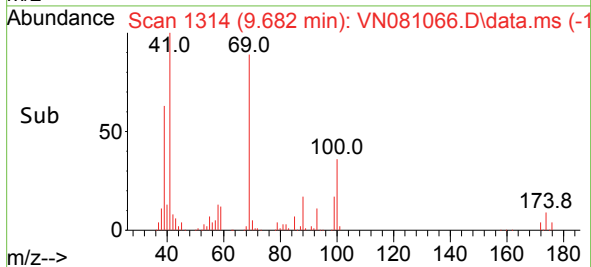
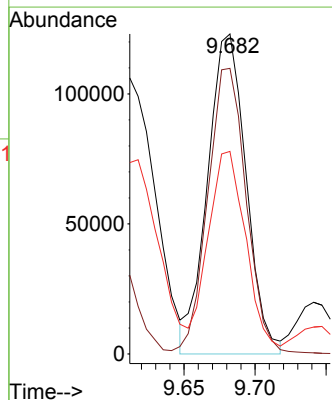
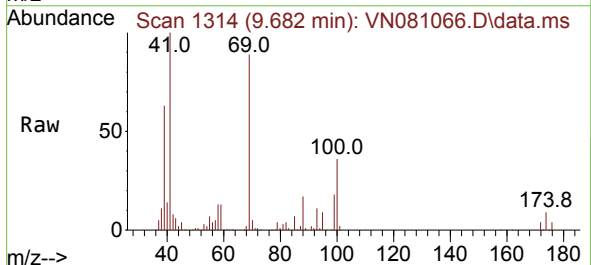
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

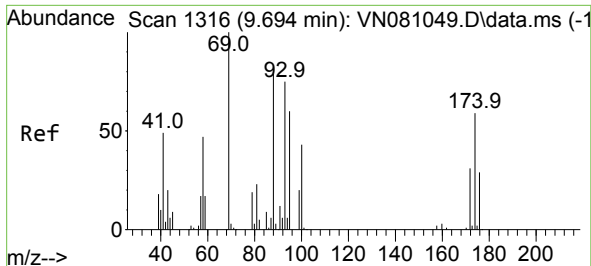
Tgt Ion: 83 Resp: 352559
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5
127 9.3 4.6 7.0#



#48
Methyl methacrylate
Concen: 43.670 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 41 Resp: 232675
Ion Ratio Lower Upper
41 100
69 88.7 62.2 93.2
39 62.1 47.6 71.4





#49

1,4-Dioxane

Concen: 821.337 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

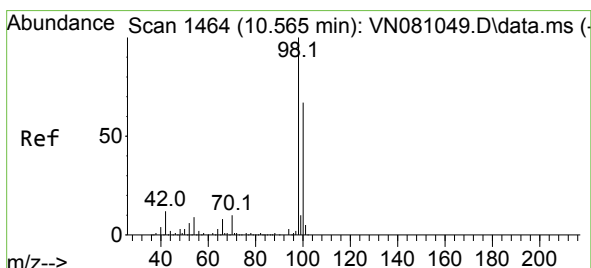
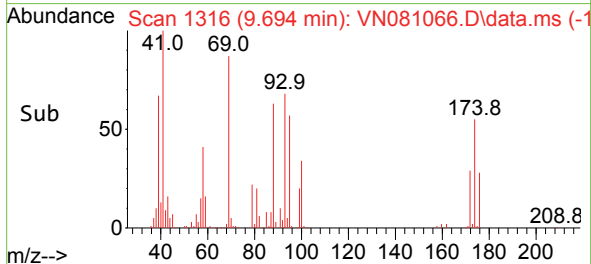
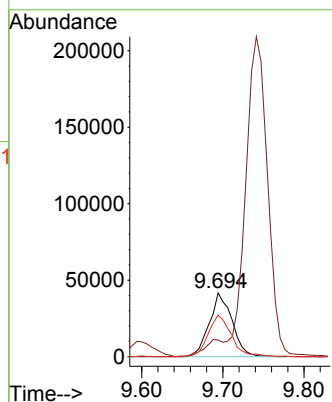
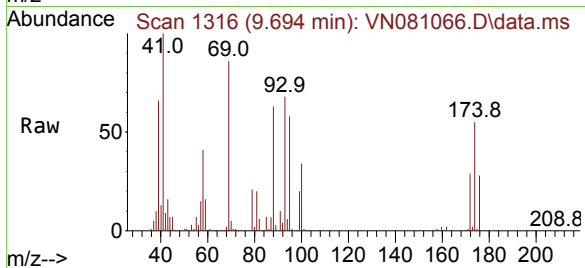
Tgt Ion: 88 Resp: 81229

Ion Ratio Lower Upper

88 100

43 21.5 30.1 45.1#

58 67.4 63.9 95.9



#50

Toluene-d8

Concen: 47.746 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081066.D

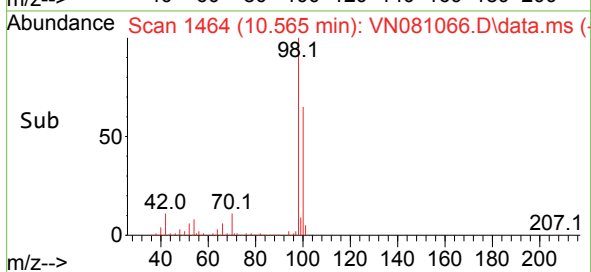
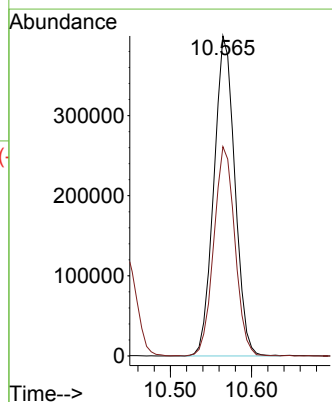
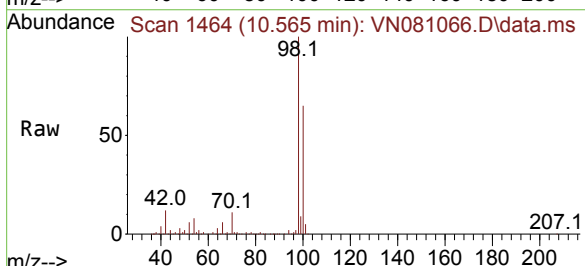
Acq: 19 Feb 2024 10:14

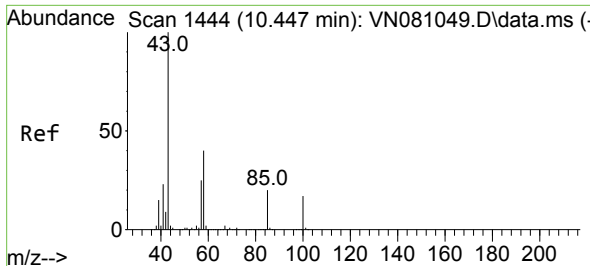
Tgt Ion: 98 Resp: 718071

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

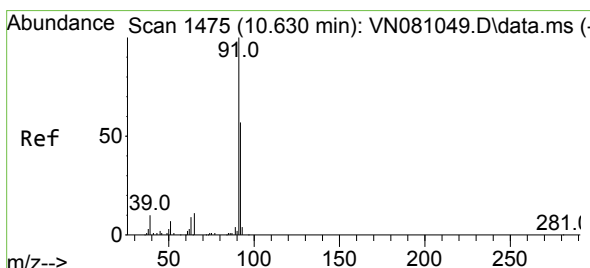
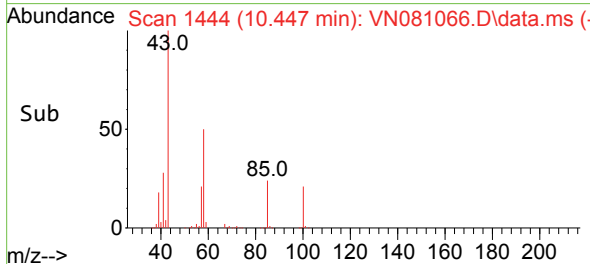
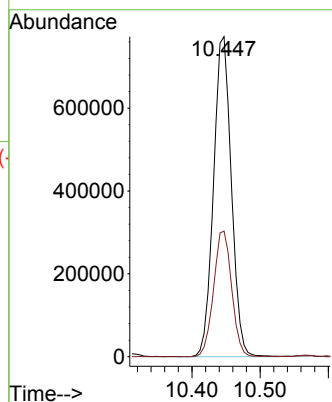
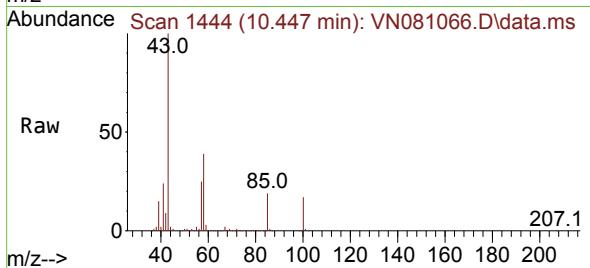




#51
4-Methyl-2-Pentanone
Concen: 213.617 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

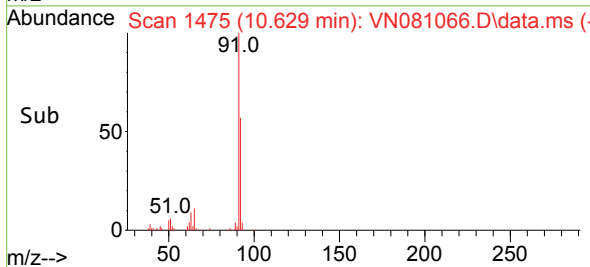
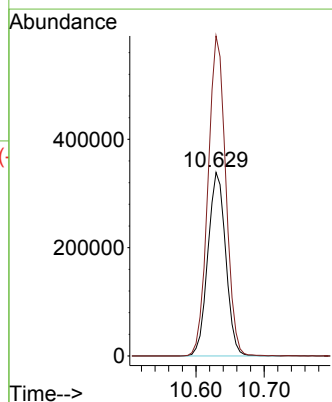
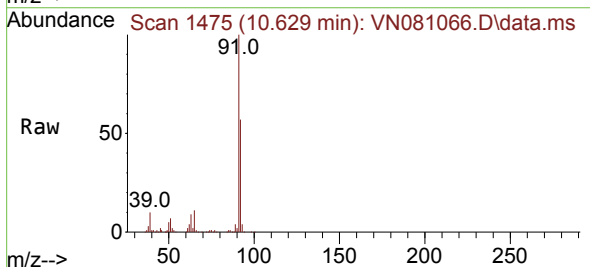
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

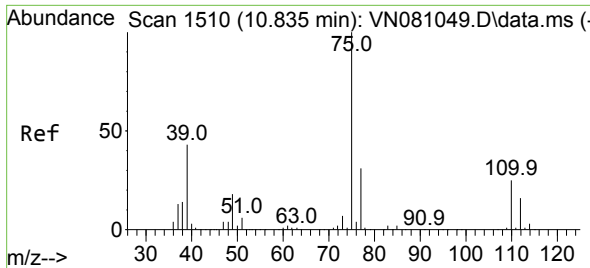
Tgt Ion: 43 Resp: 1407093
Ion Ratio Lower Upper
43 100
58 39.9 29.4 44.0



#52
Toluene
Concen: 46.433 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 92 Resp: 617246
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0

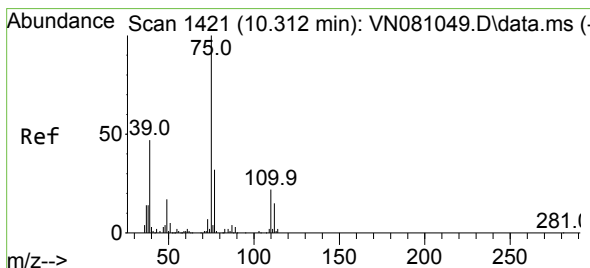
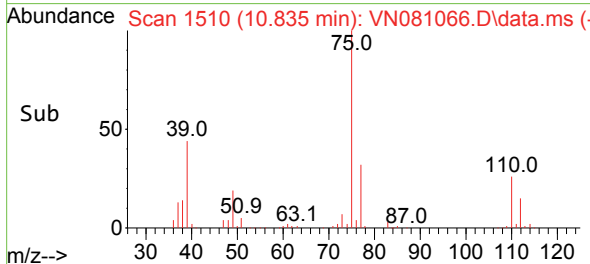
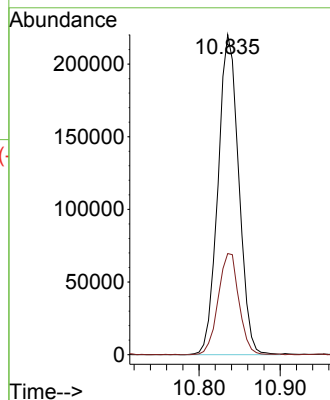
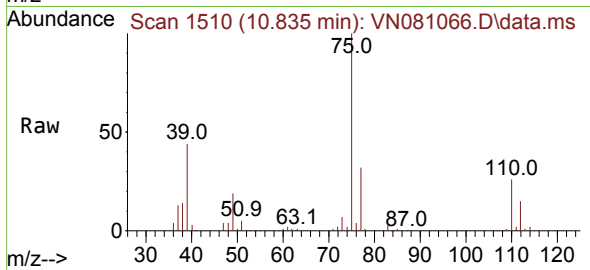




#53
 t-1,3-Dichloropropene
 Concen: 48.615 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

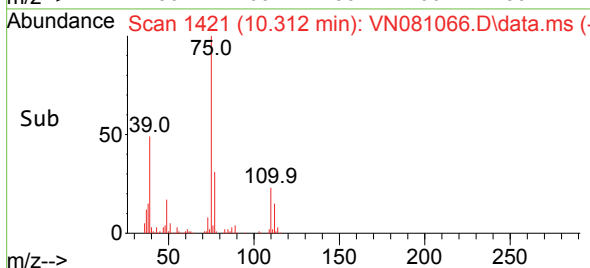
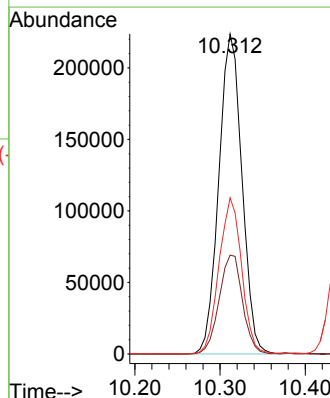
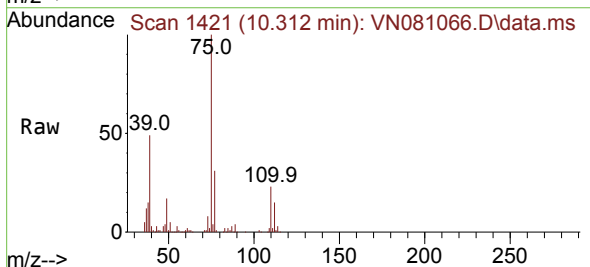
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

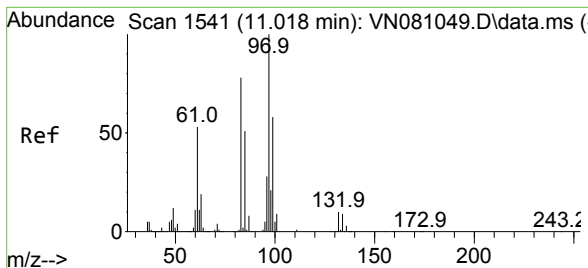
Tgt Ion: 75 Resp: 391580
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.521 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Tgt Ion: 75 Resp: 422254
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.3 34.9
 39 48.8 44.6 66.8



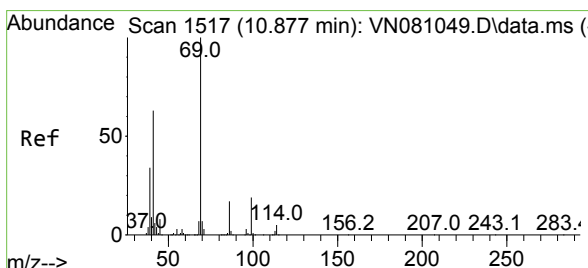
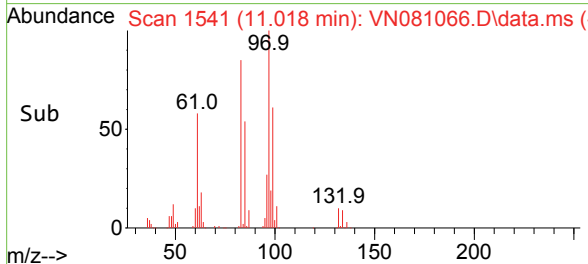
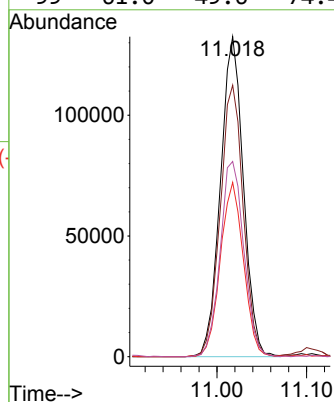
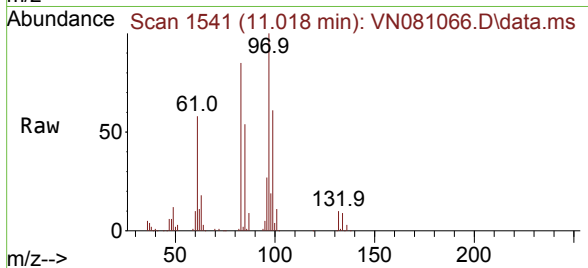


#55
 1,1,2-Trichloroethane
 Concen: 46.034 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 235361

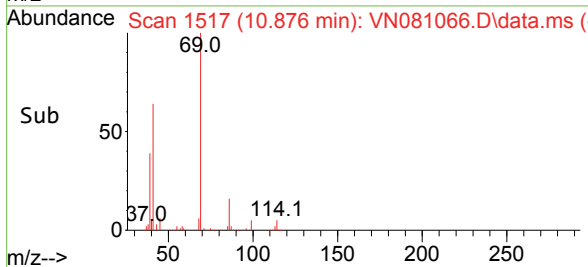
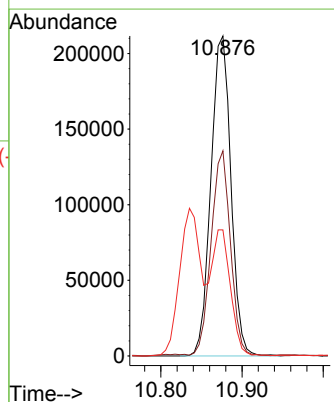
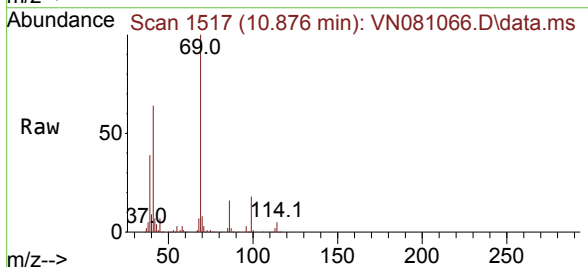
Ion	Ratio	Lower	Upper
97	100		
83	84.8	72.9	109.3
85	54.5	50.2	75.2
99	61.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 46.372 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Tgt Ion: 69 Resp: 362356

Ion	Ratio	Lower	Upper
69	100		
41	61.9	61.0	91.6
39	34.2	31.8	47.6

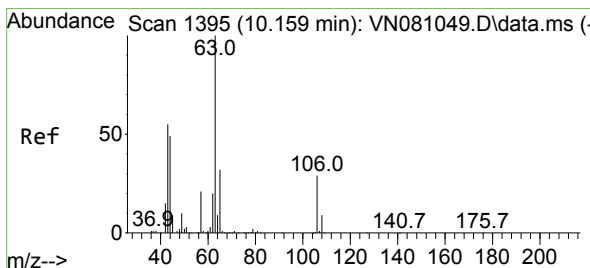
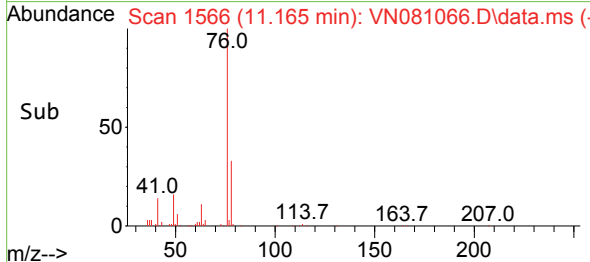
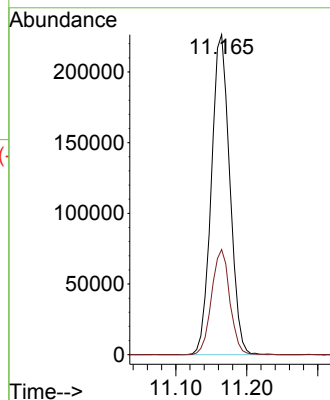
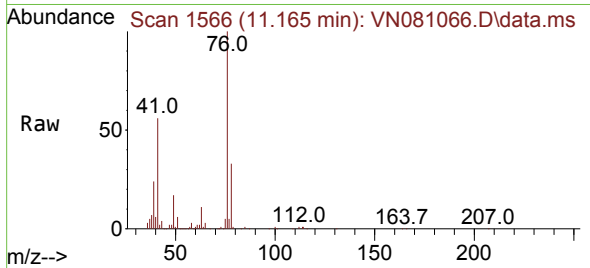




#57
1,3-Dichloropropane
Concen: 46.039 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

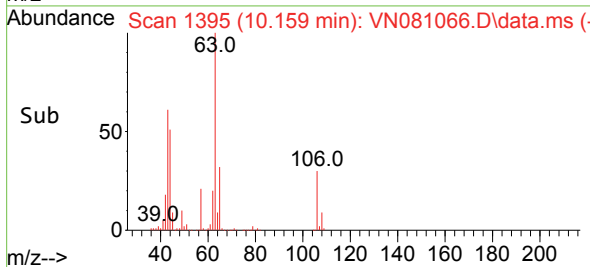
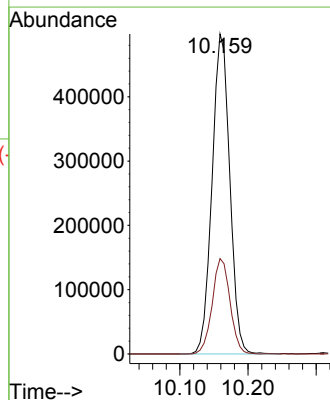
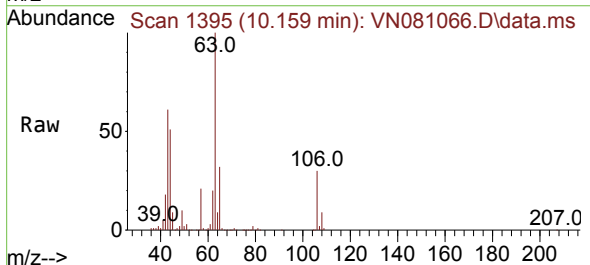
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MSVOA_N
ClientSampleId :
VSTDCCC050

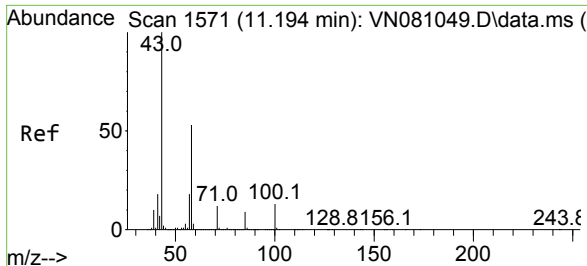
Tgt Ion: 76 Resp: 407001
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 229.579 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 63 Resp: 900102
Ion Ratio Lower Upper
63 100
106 29.9 18.6 28.0#

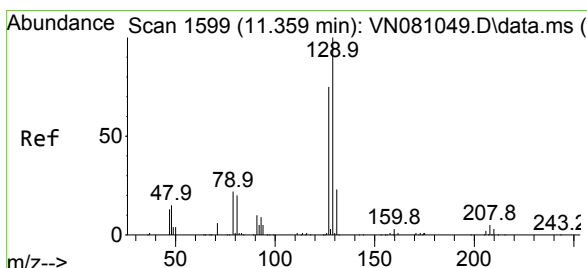
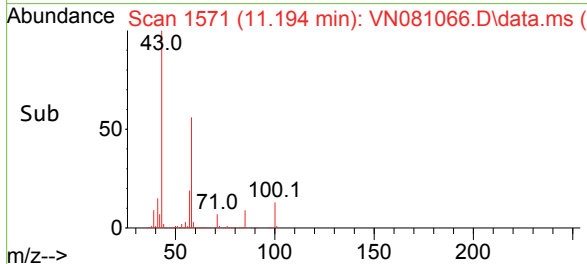
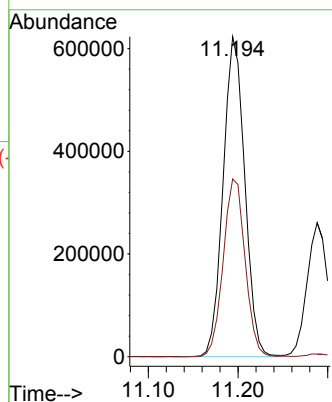
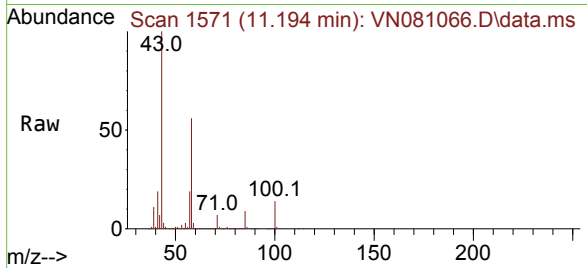




#59
2-Hexanone
Concen: 199.666 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

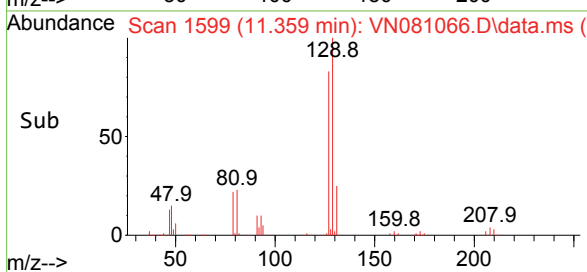
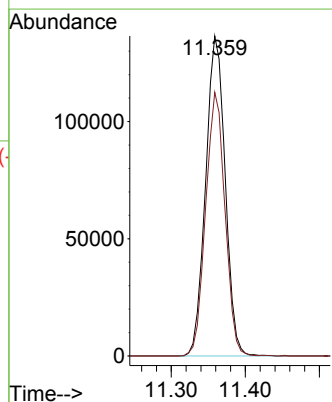
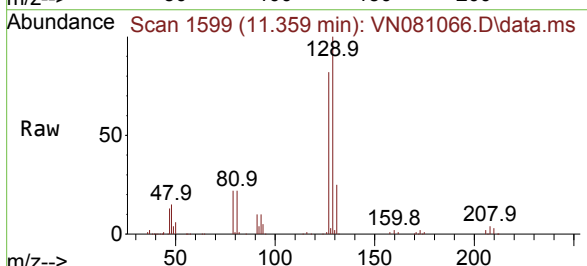
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

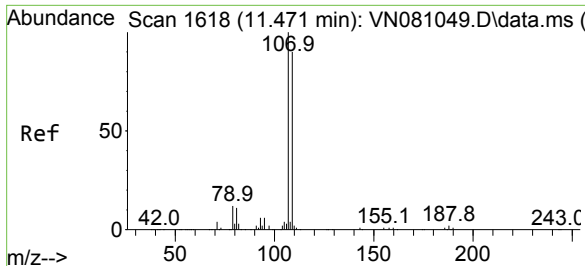
Tgt Ion: 43 Resp: 1042690
Ion Ratio Lower Upper
43 100
58 56.2 25.9 77.8



#60
Dibromochloromethane
Concen: 46.039 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:129 Resp: 250062
Ion Ratio Lower Upper
129 100
127 81.5 39.4 118.2

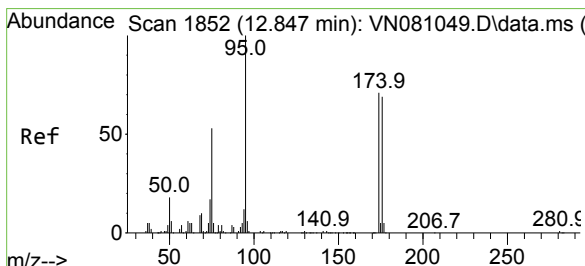
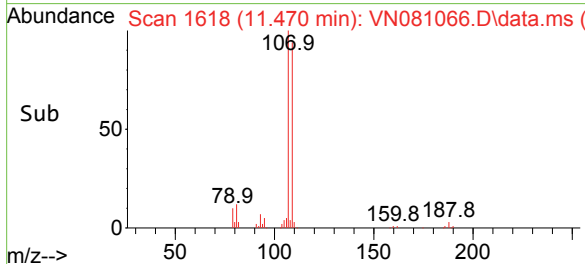
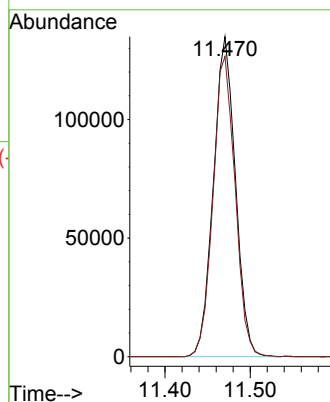
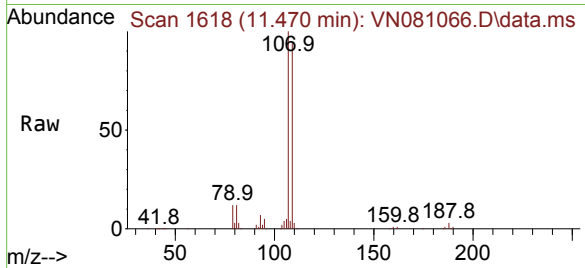




#61
1,2-Dibromoethane
Concen: 45.070 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

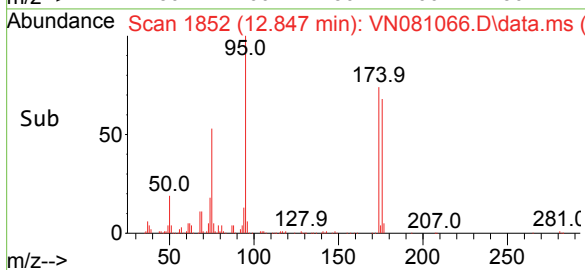
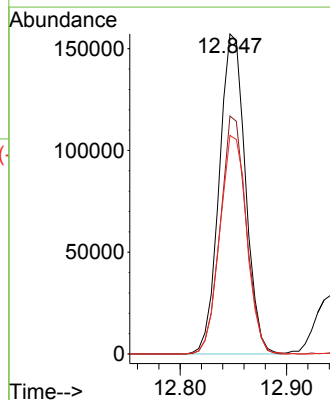
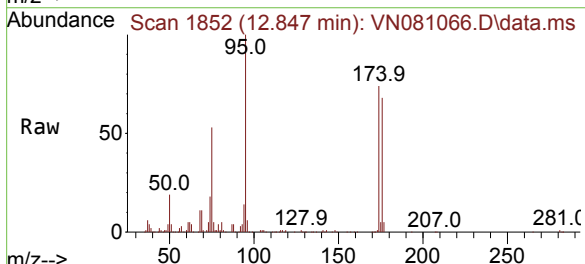
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

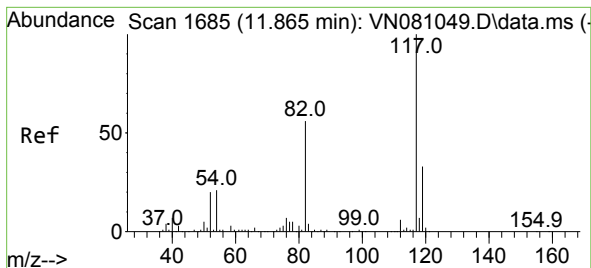
Tgt Ion:107 Resp: 242319
Ion Ratio Lower Upper
107 100
109 94.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 47.405 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 95 Resp: 267893
Ion Ratio Lower Upper
95 100
174 73.5 0.0 120.4
176 70.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

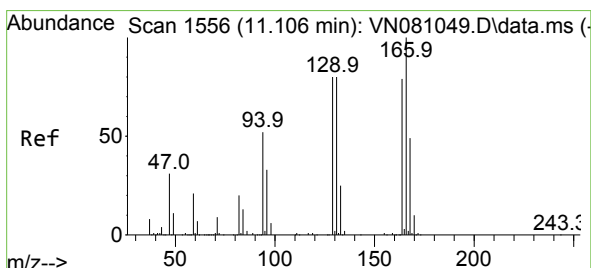
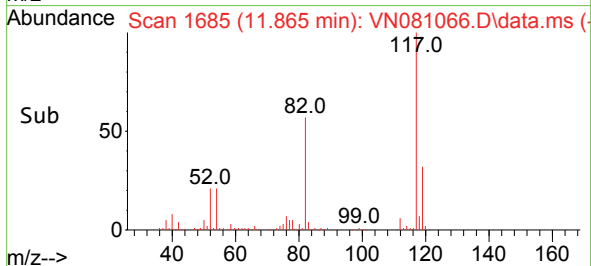
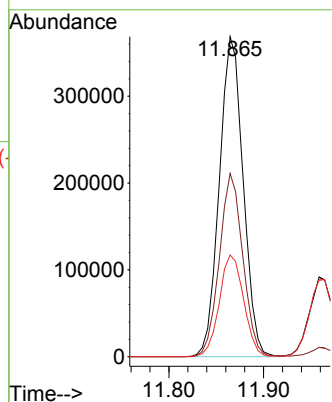
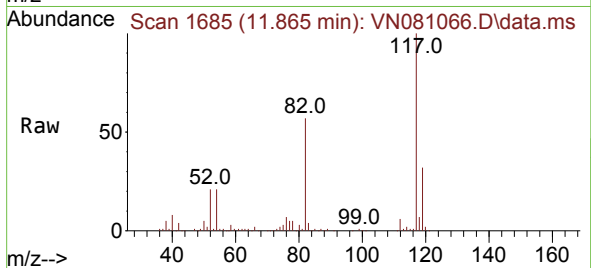
Tgt Ion:117 Resp: 644040

Ion Ratio Lower Upper

117 100

82 57.2 52.7 79.1

119 31.8 25.3 37.9



#64

Tetrachloroethene

Concen: 48.717 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Tgt Ion:164 Resp: 214141

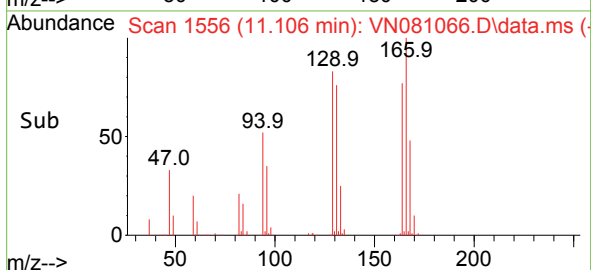
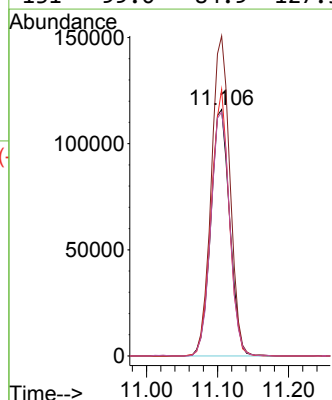
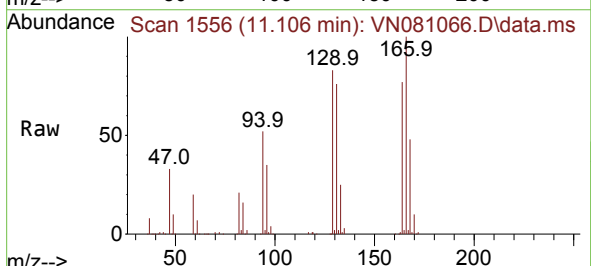
Ion Ratio Lower Upper

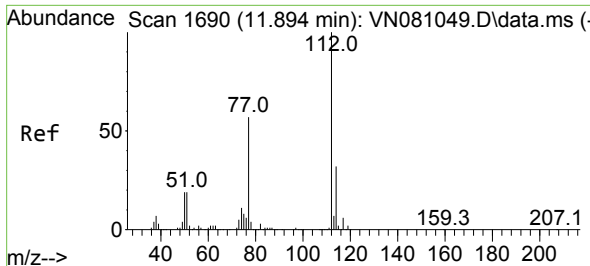
164 100

166 129.9 105.8 158.6

129 108.2 89.6 134.4

131 99.0 84.9 127.3

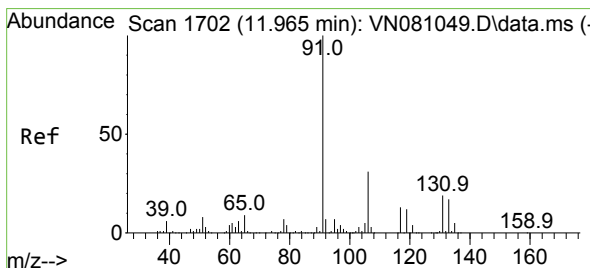
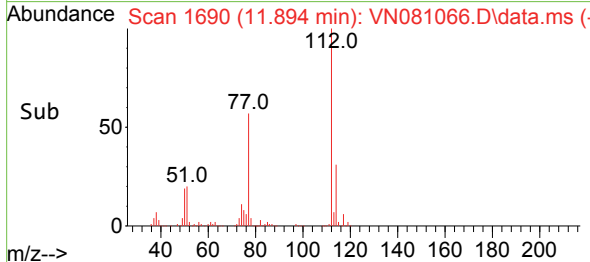
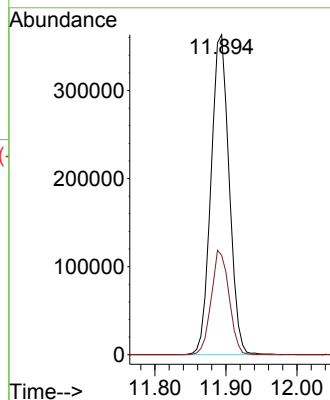
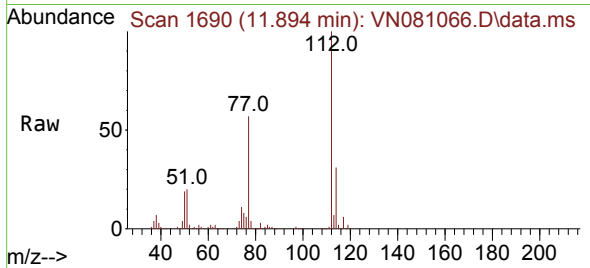




#65
Chlorobenzene
Concen: 46.301 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

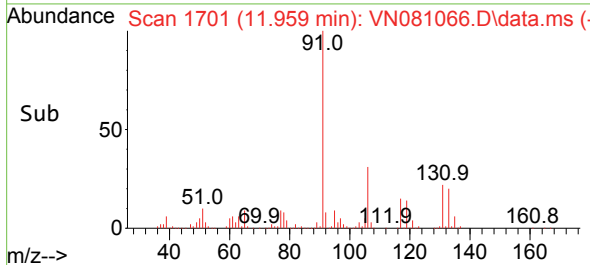
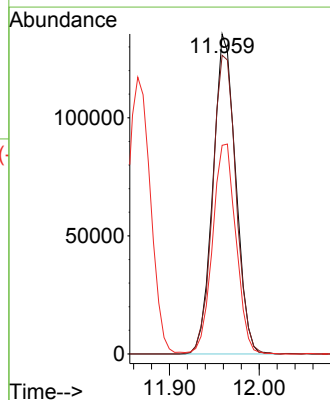
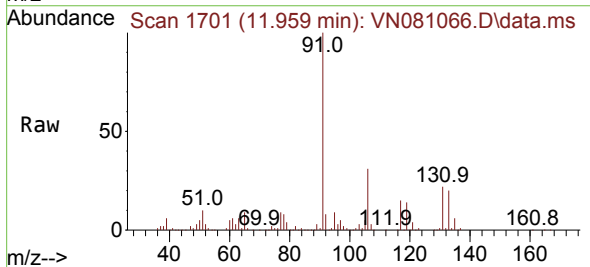
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

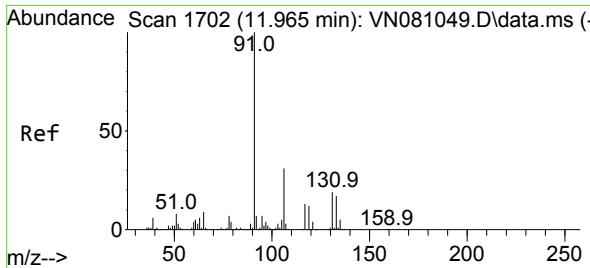
Tgt Ion:112 Resp: 645392
Ion Ratio Lower Upper
112 100
114 31.1 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.531 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:131 Resp: 237965
Ion Ratio Lower Upper
131 100
133 96.3 46.8 140.3
119 67.7 34.6 103.9

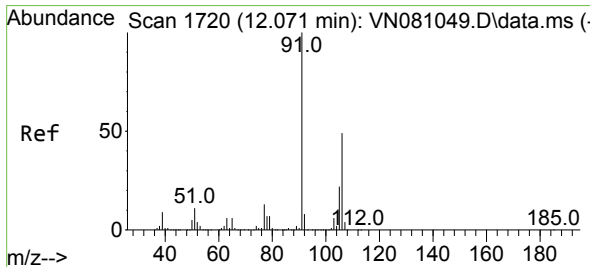
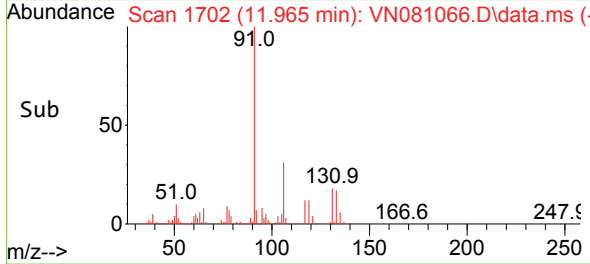
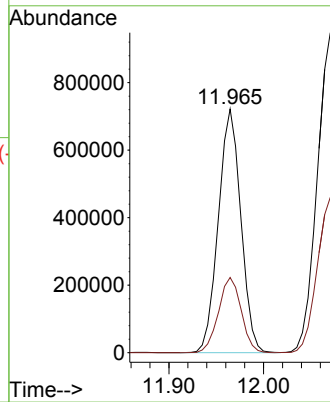
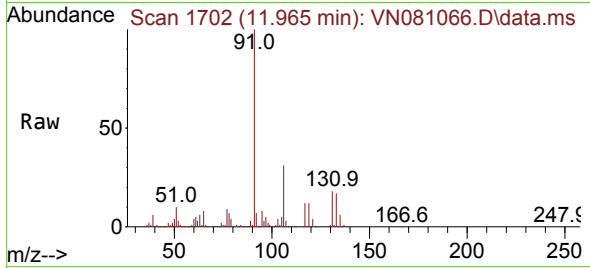




#67
Ethyl Benzene
Concen: 47.865 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

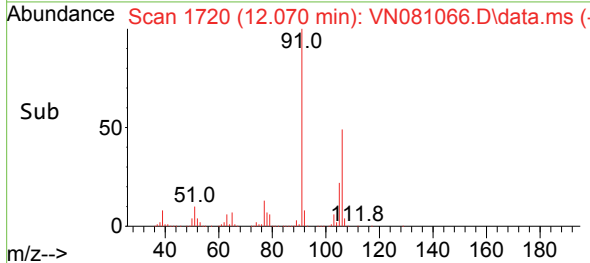
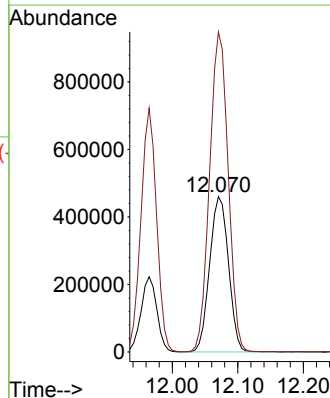
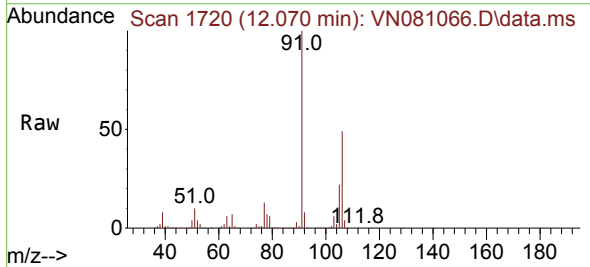
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

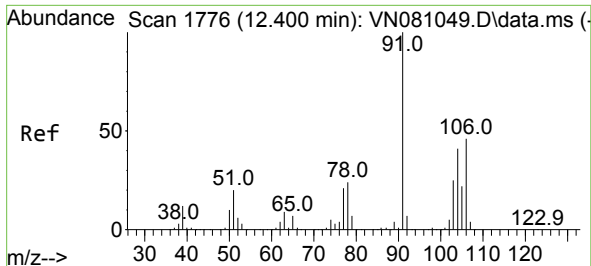
Tgt Ion: 91 Resp: 1193884
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6



#68
m/p-Xylenes
Concen: 96.085 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:106 Resp: 918624
Ion Ratio Lower Upper
106 100
91 202.9 169.0 253.6

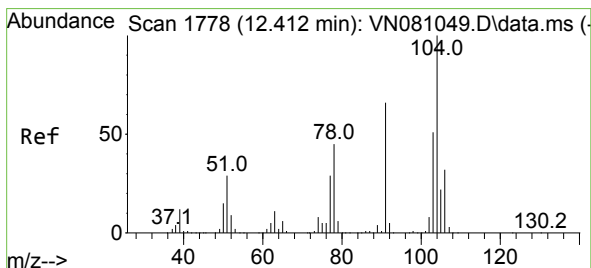
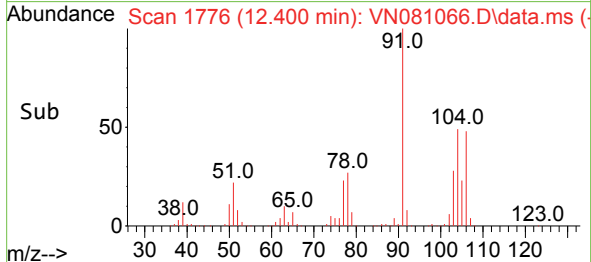
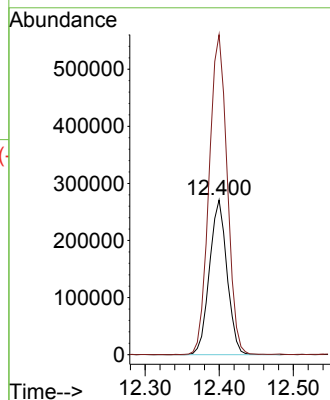
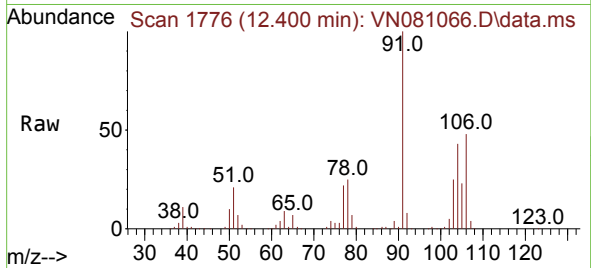




#69
o-Xylene
Concen: 46.944 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

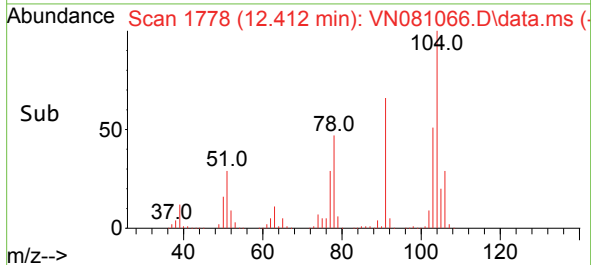
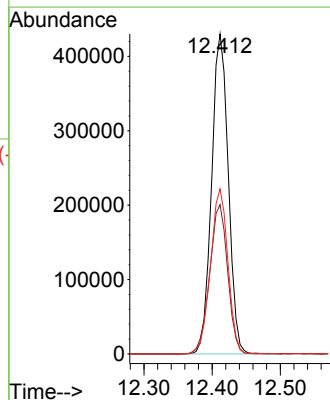
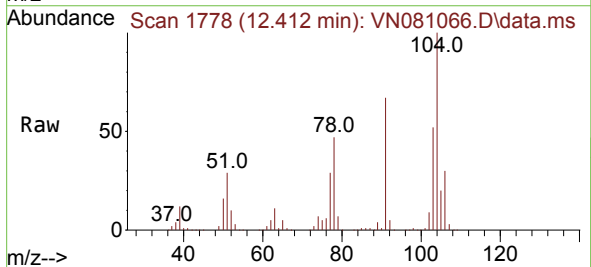
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

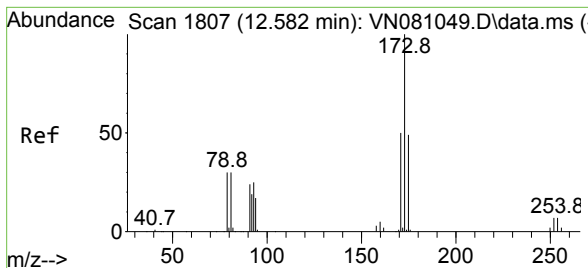
Tgt Ion:106 Resp: 444887
Ion Ratio Lower Upper
106 100
91 213.7 112.1 336.3



#70
Styrene
Concen: 48.844 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:104 Resp: 733508
Ion Ratio Lower Upper
104 100
78 50.1 43.8 65.8
103 54.0 44.2 66.2





#71

Bromoform

Concen: 50.988 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

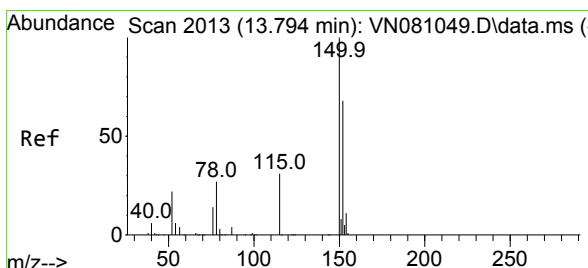
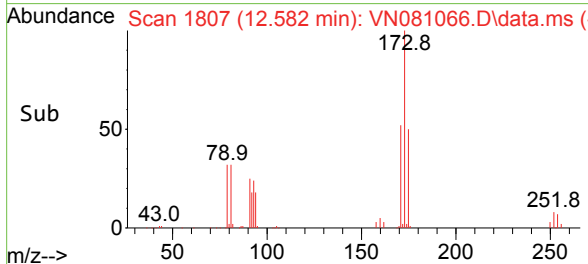
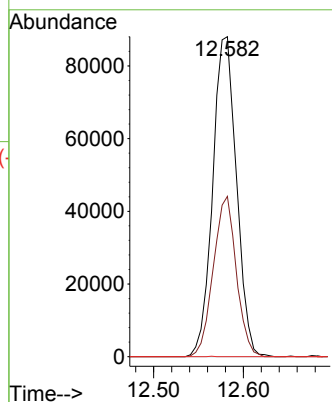
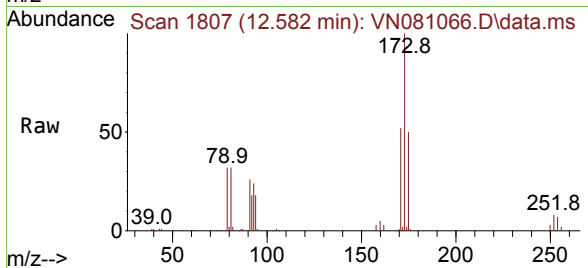
Tgt Ion:173 Resp: 161956

Ion Ratio Lower Upper

173 100

175 48.5 23.1 69.2

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

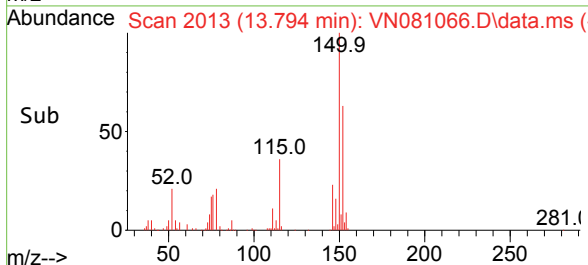
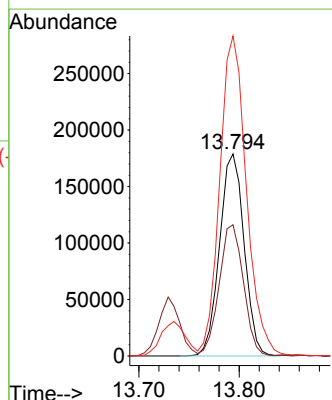
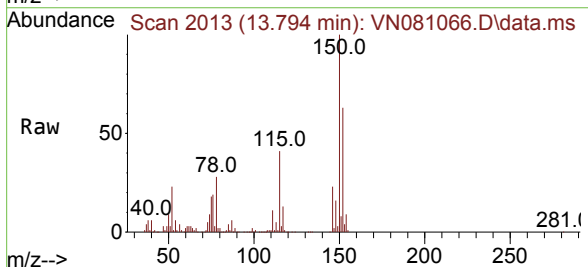
Tgt Ion:152 Resp: 304265

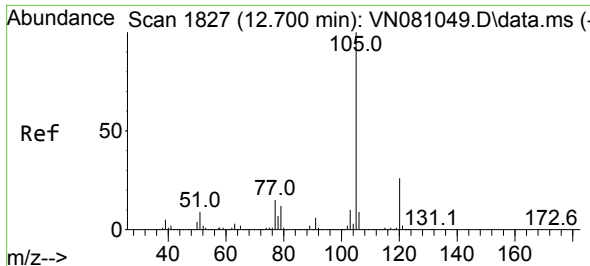
Ion Ratio Lower Upper

152 100

115 64.4 32.3 96.8

150 172.0 0.0 339.8

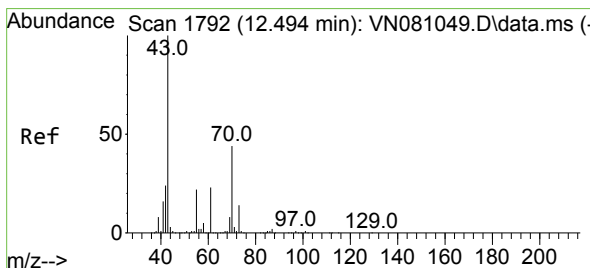
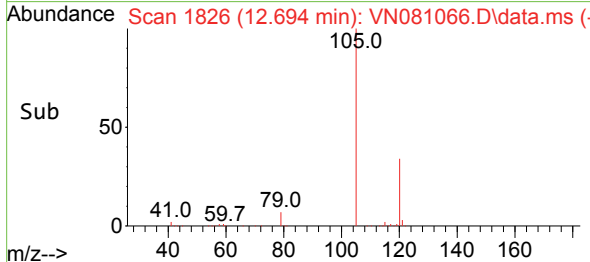
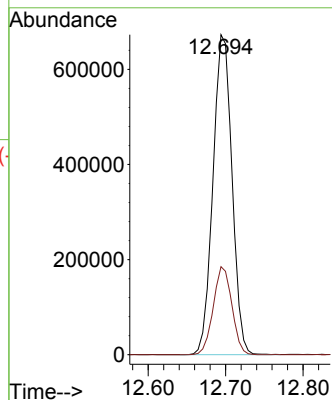
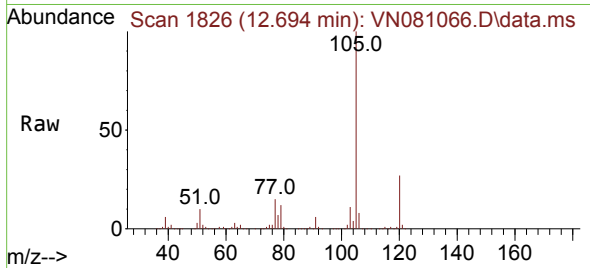




#73
Isopropylbenzene
Concen: 43.235 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

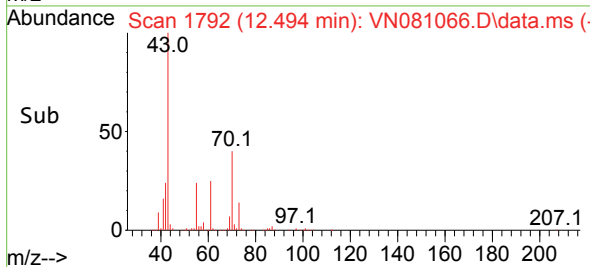
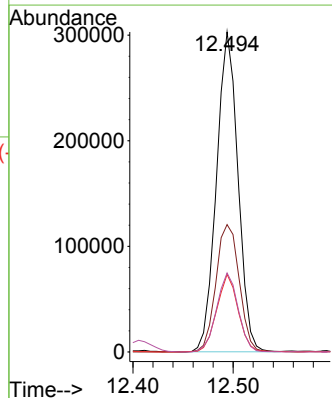
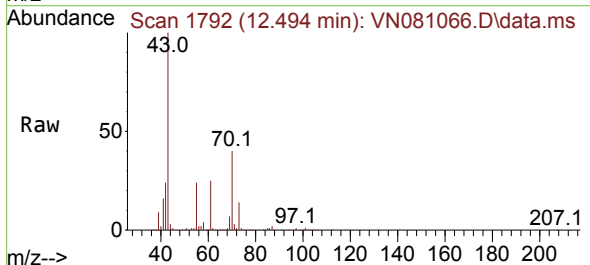
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

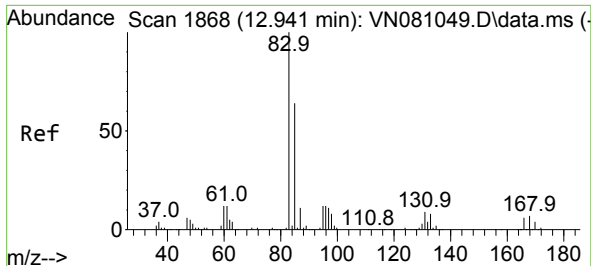
Tgt Ion:105 Resp: 1150971
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.6



#74
N-ethyl acetate
Concen: 40.066 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 43 Resp: 450791
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 24.3 17.0 25.4
61 24.8 17.5 26.3

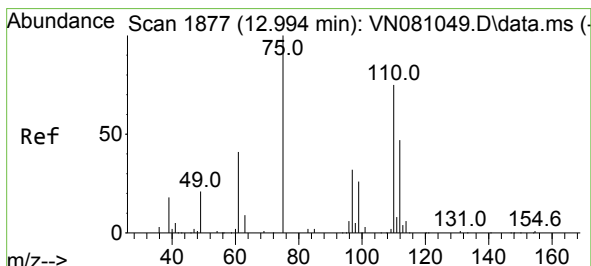
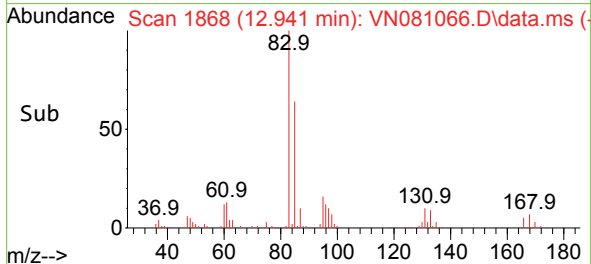
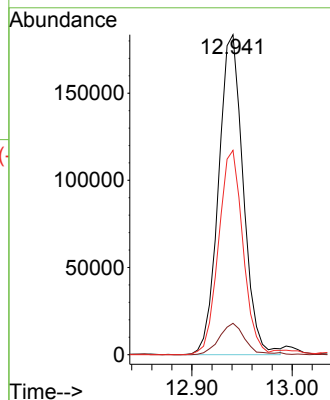
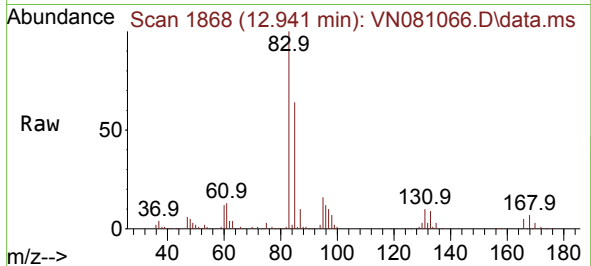




#75
1,1,2,2-Tetrachloroethane
Concen: 41.835 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

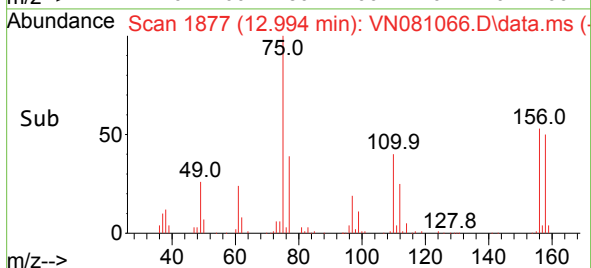
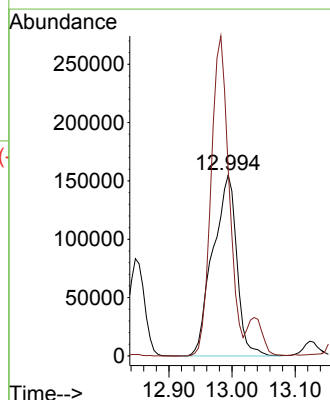
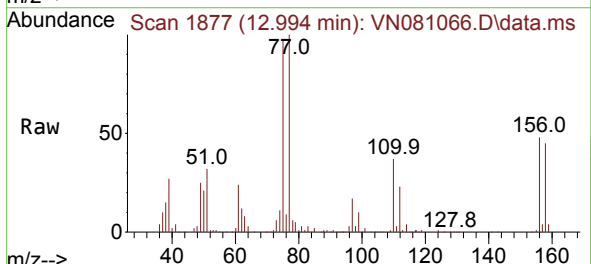
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

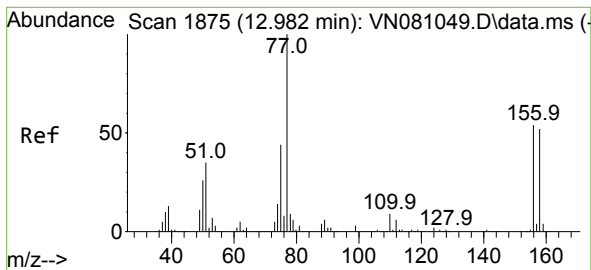
Tgt Ion: 83 Resp: 313157
Ion Ratio Lower Upper
83 100
131 10.3 4.1 12.3
85 63.5 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 58.996 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 75 Resp: 407843
Ion Ratio Lower Upper
75 100
77 132.7 91.0 272.8





#77

Bromobenzene

Concen: 42.333 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

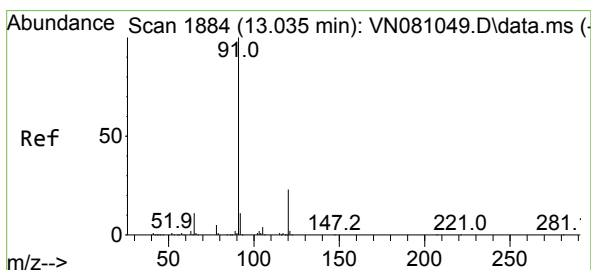
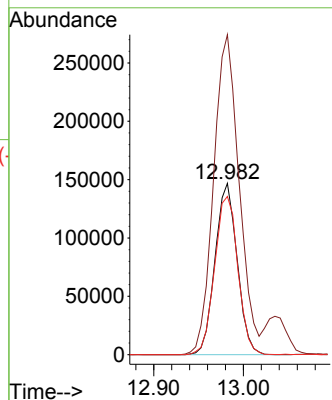
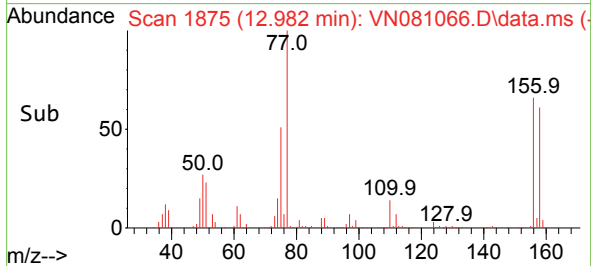
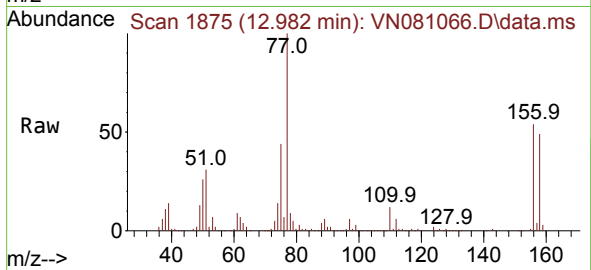
Tgt Ion:156 Resp: 251276

Ion Ratio Lower Upper

156 100

77 215.3 138.1 414.3

158 97.2 46.5 139.5



#78

n-propylbenzene

Concen: 44.625 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081066.D

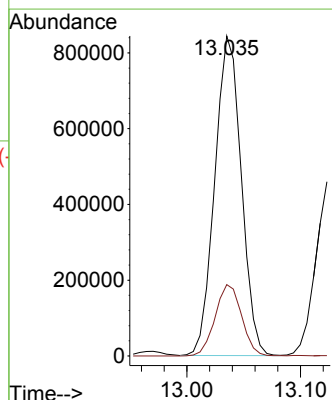
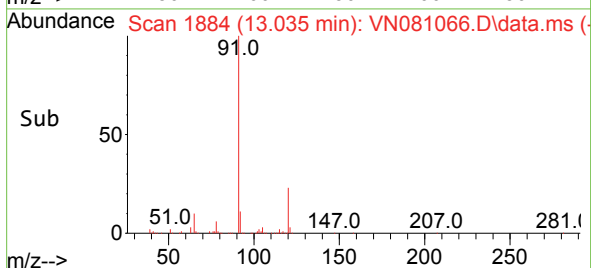
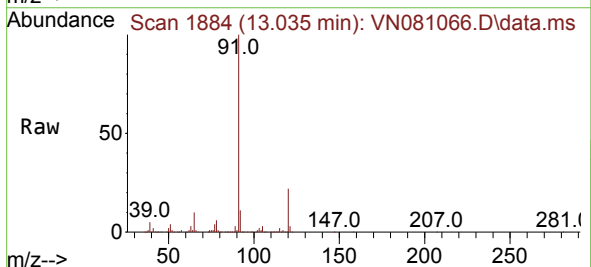
Acq: 19 Feb 2024 10:14

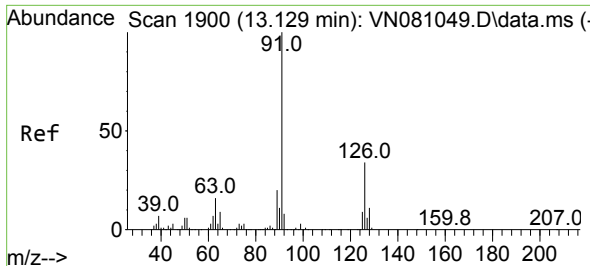
Tgt Ion: 91 Resp: 1367584

Ion Ratio Lower Upper

91 100

120 22.3 10.3 30.9

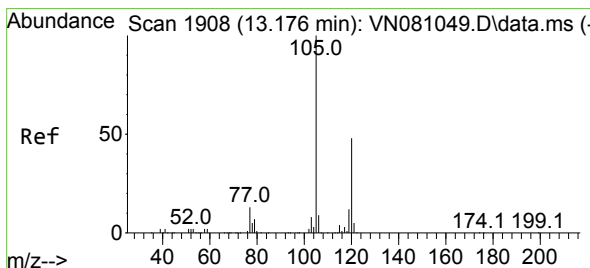
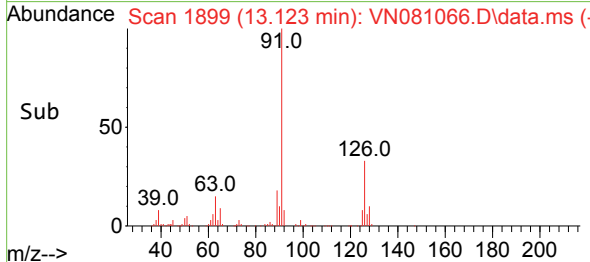
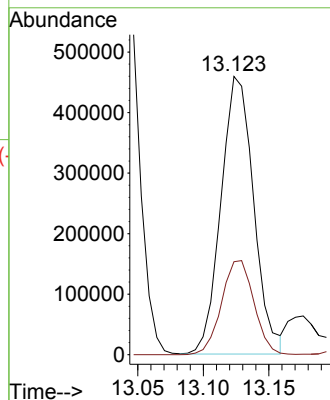
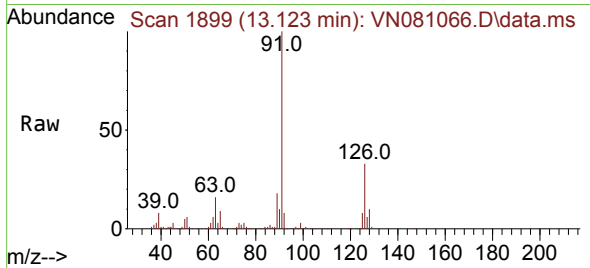




#79
2-Chlorotoluene
Concen: 42.395 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

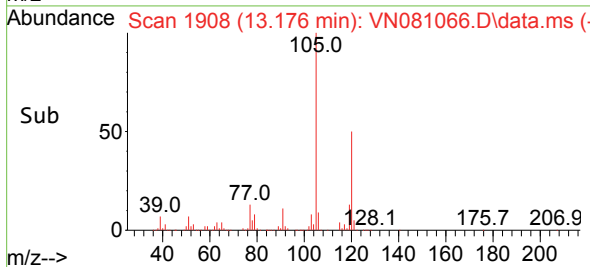
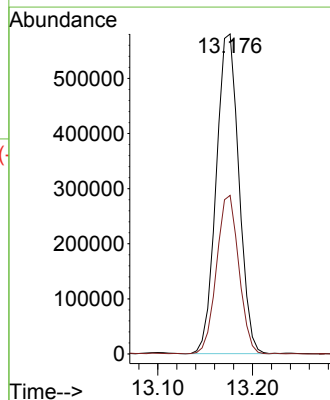
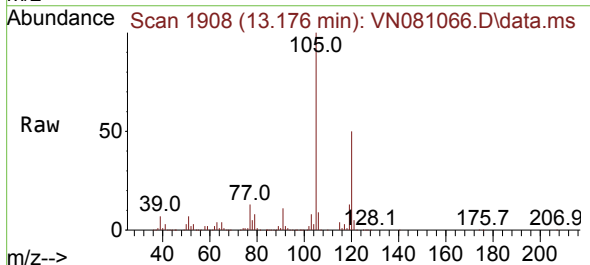
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

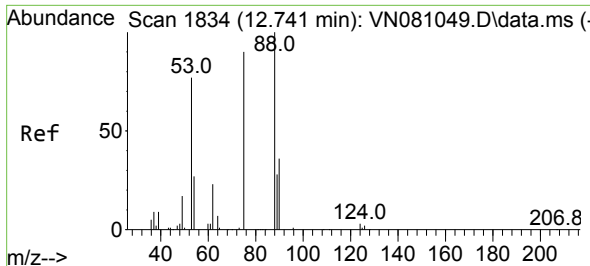
Tgt Ion: 91 Resp: 796908
Ion Ratio Lower Upper
91 100
126 33.6 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 44.649 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 105 Resp: 963713
Ion Ratio Lower Upper
105 100
120 48.7 23.0 69.0

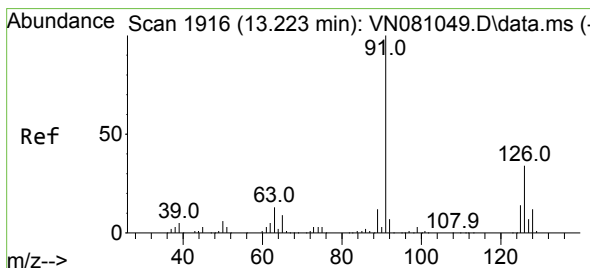
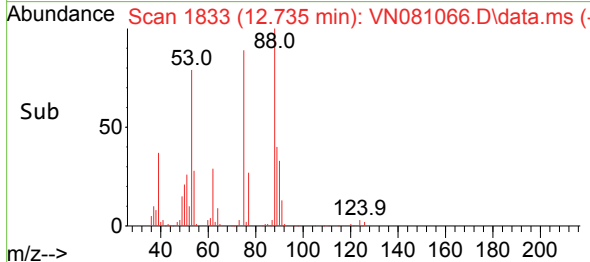
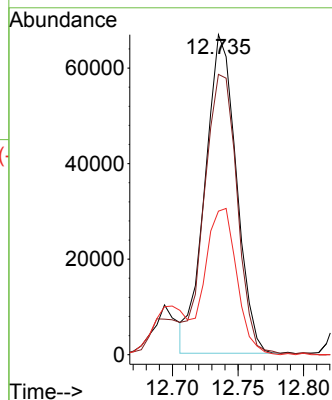
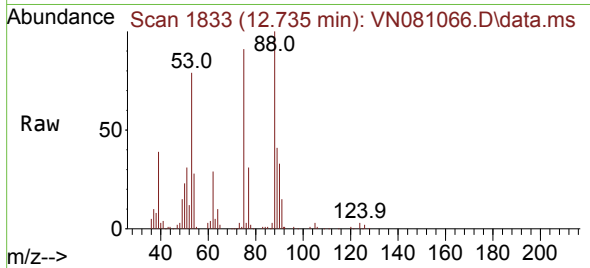




#81
trans-1,4-Dichloro-2-butene
Concen: 41.221 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

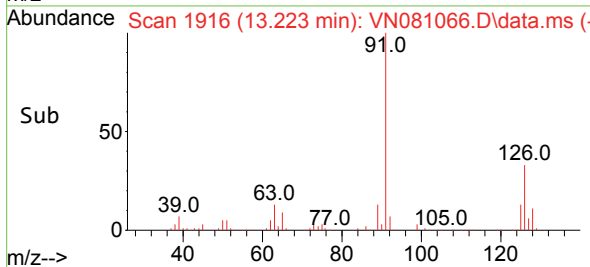
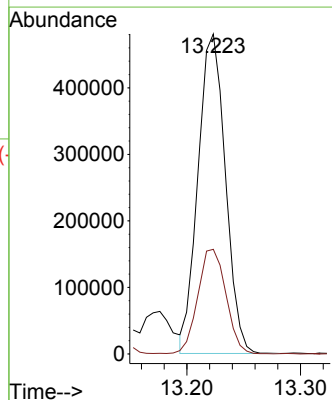
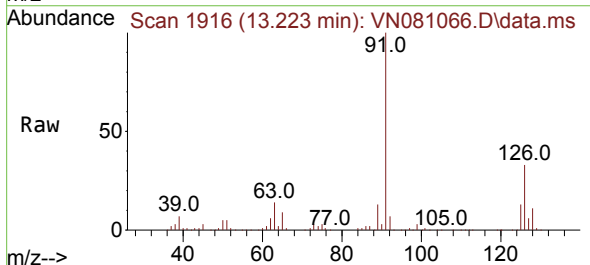
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

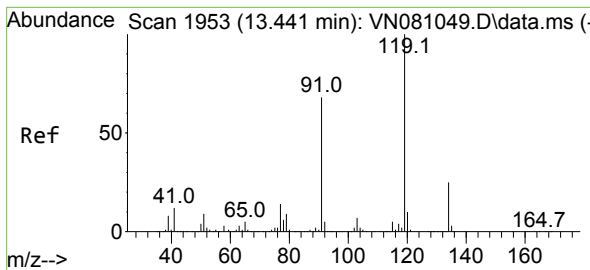
Tgt Ion: 75 Resp: 110712
Ion Ratio Lower Upper
75 100
53 93.2 71.4 107.2
89 46.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 43.690 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion: 91 Resp: 803014
Ion Ratio Lower Upper
91 100
126 33.6 15.3 45.9

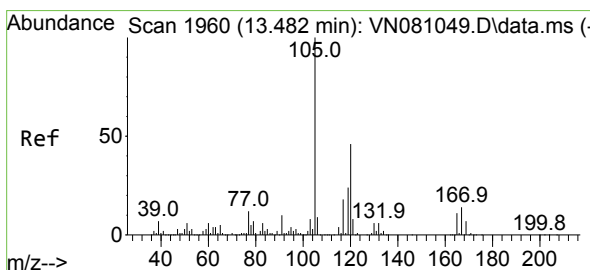
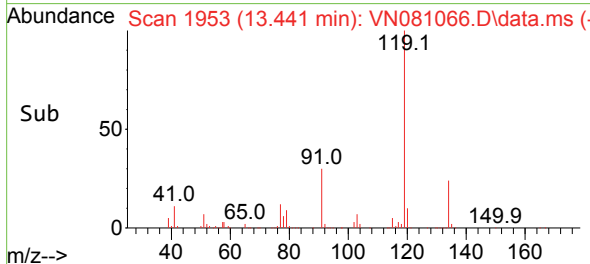
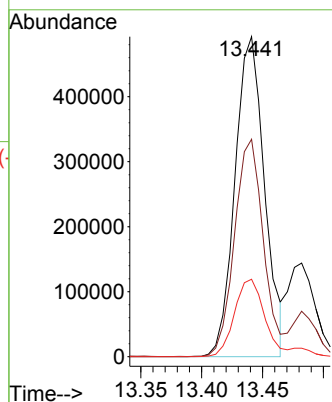
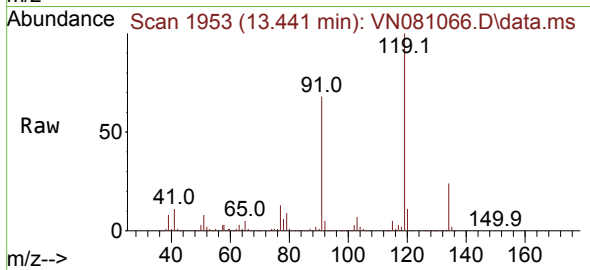




#83
tert-Butylbenzene
Concen: 44.581 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

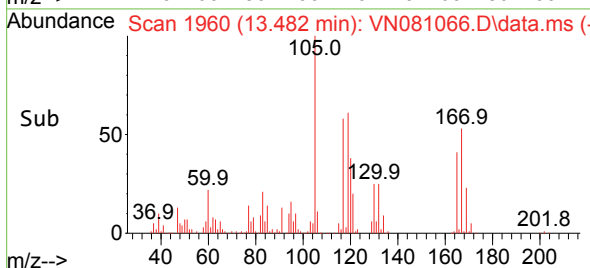
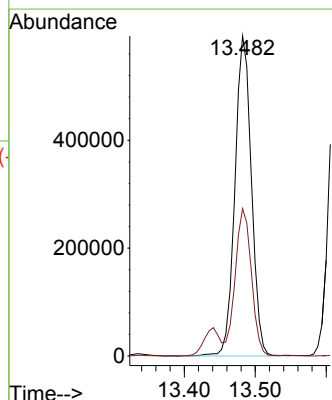
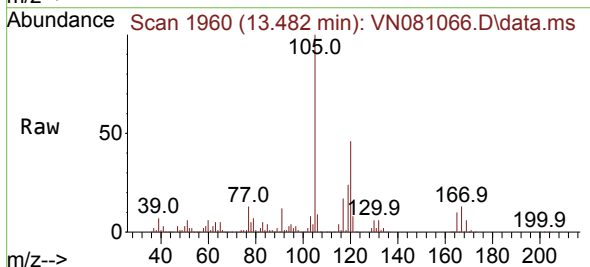
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

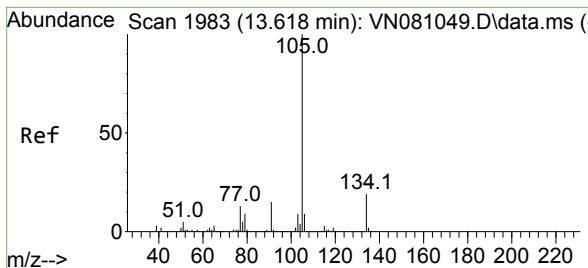
Tgt Ion:119 Resp: 832041
Ion Ratio Lower Upper
119 100
91 66.0 36.8 110.4
134 24.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 44.505 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:105 Resp: 957227
Ion Ratio Lower Upper
105 100
120 45.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 44.990 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

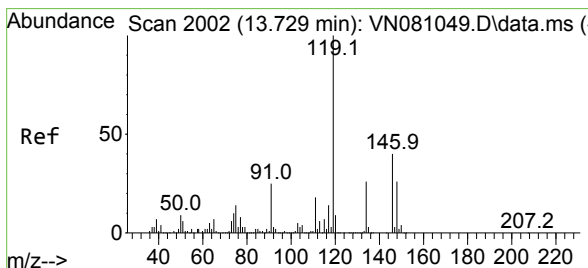
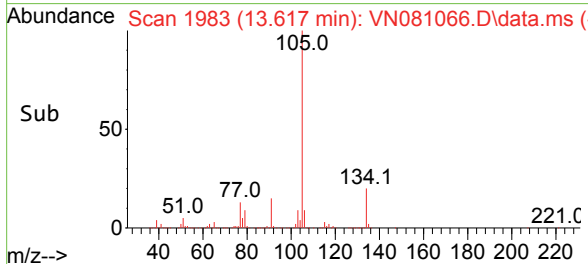
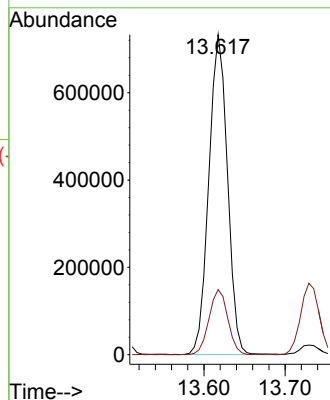
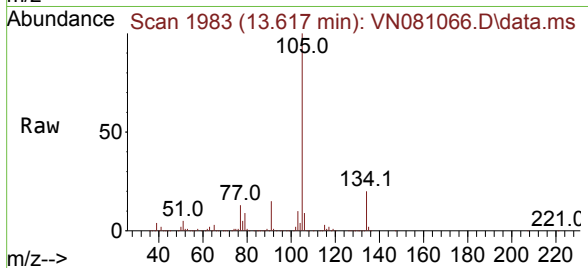
VSTDCCC050

Tgt Ion:105 Resp: 1167314

Ion Ratio Lower Upper

105 100

134 20.6 8.6 25.8



#86

p-Isopropyltoluene

Concen: 46.180 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

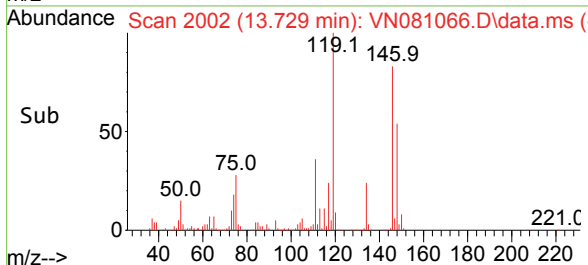
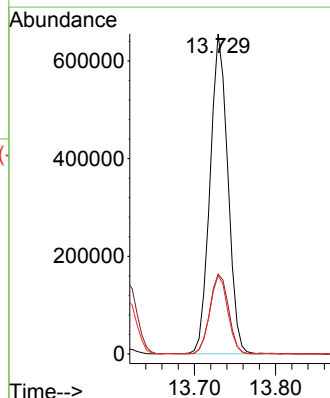
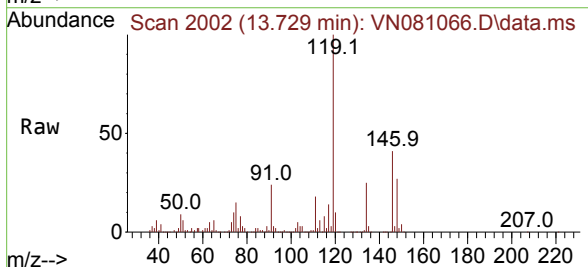
Tgt Ion:119 Resp: 995227

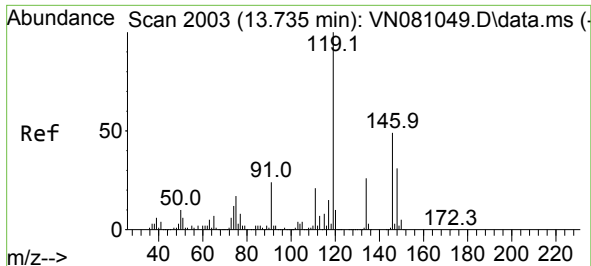
Ion Ratio Lower Upper

119 100

134 26.1 12.4 37.2

91 24.6 13.5 40.4

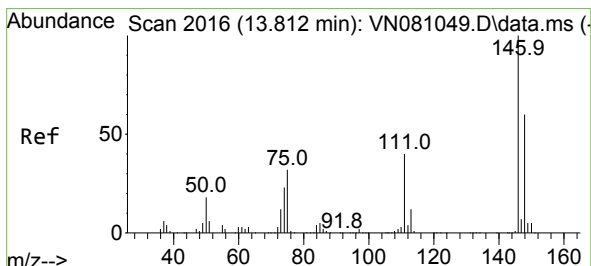
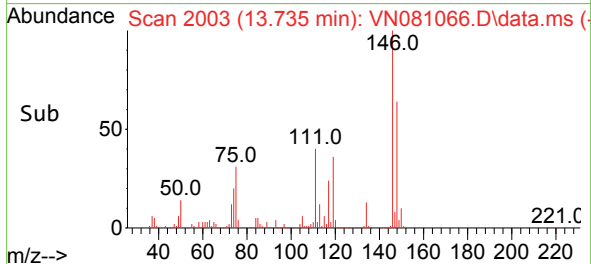
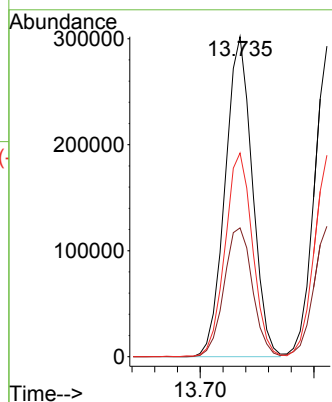
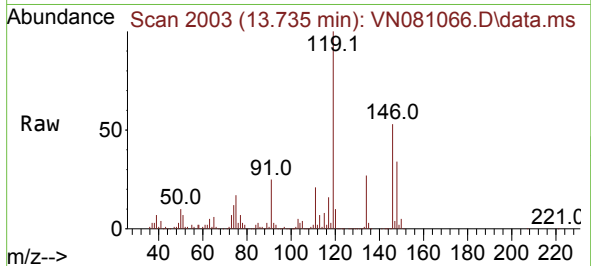




#87
1,3-Dichlorobenzene
Concen: 44.628 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

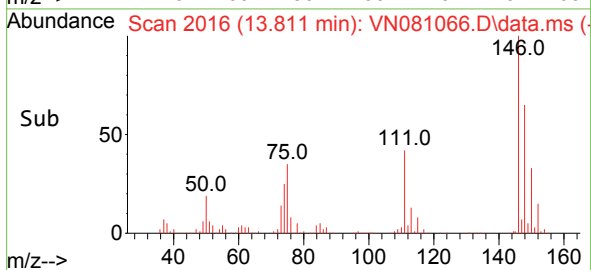
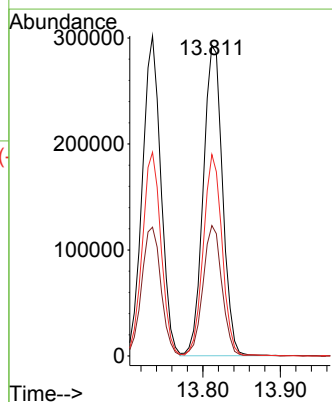
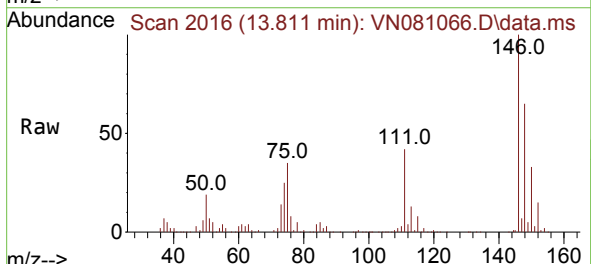
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

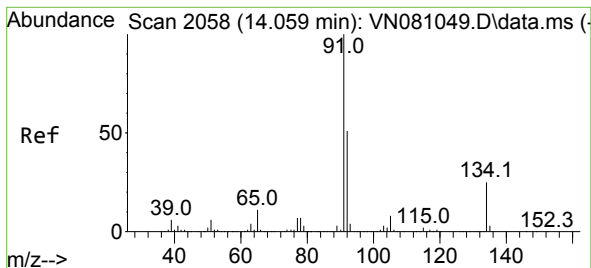
Tgt Ion:146 Resp: 500514
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.7
148 64.4 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 45.904 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081066.D
Acq: 19 Feb 2024 10:14

Tgt Ion:146 Resp: 505883
Ion Ratio Lower Upper
146 100
111 41.7 22.6 67.7
148 63.3 31.9 95.5





#89

n-Butylbenzene

Concen: 46.988 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

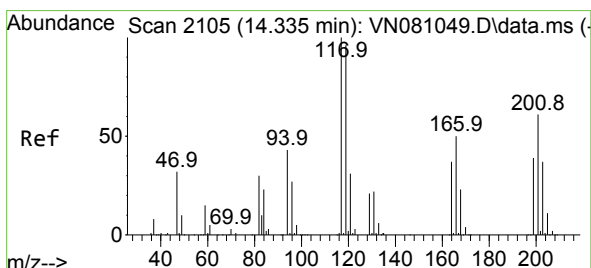
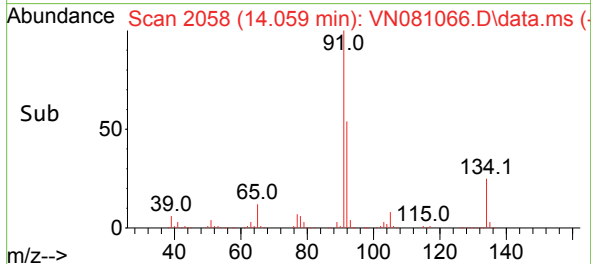
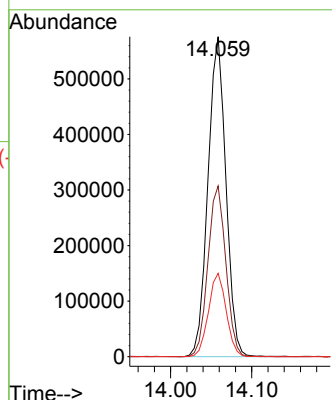
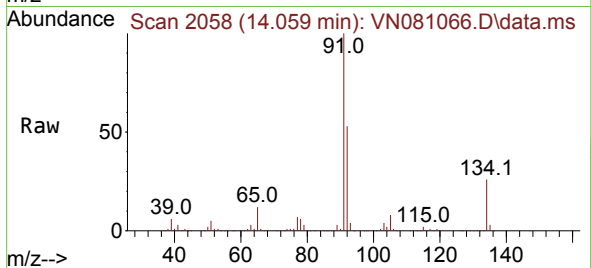
Tgt Ion: 91 Resp: 882216

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 25.8 10.8 32.4



#90

Hexachloroethane

Concen: 48.536 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081066.D

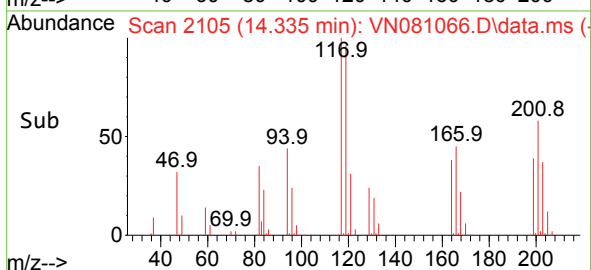
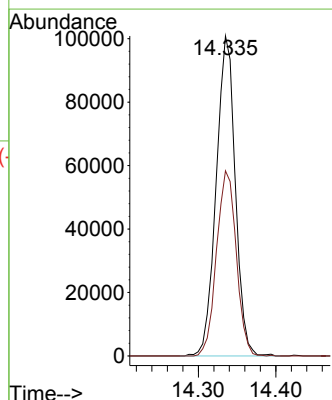
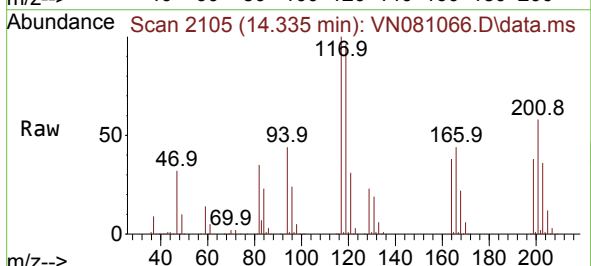
Acq: 19 Feb 2024 10:14

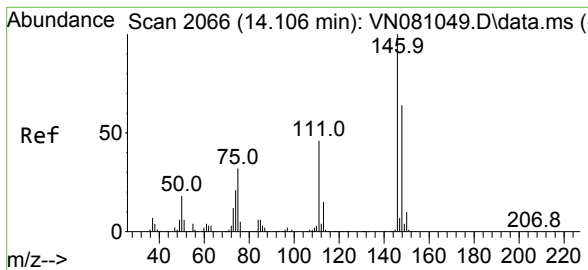
Tgt Ion: 117 Resp: 172898

Ion Ratio Lower Upper

117 100

201 59.7 30.0 90.0

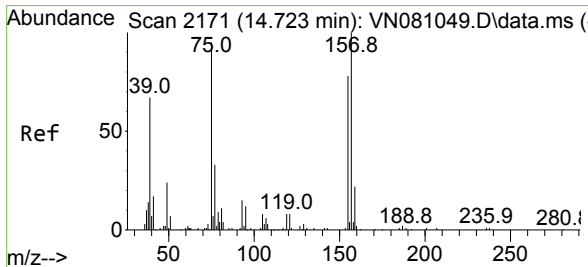
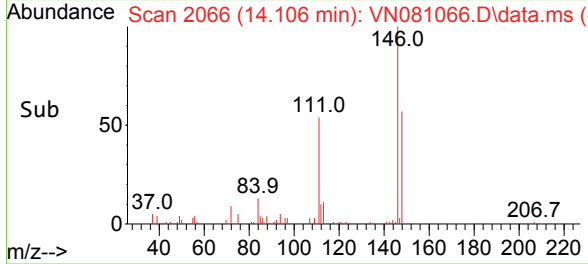
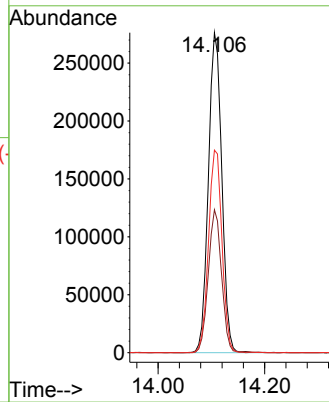
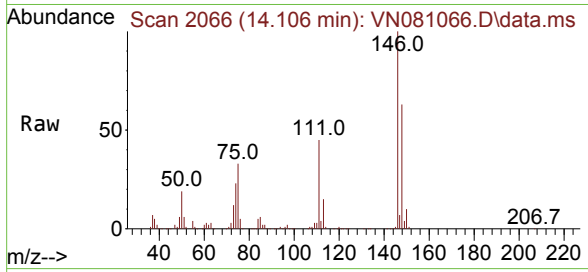




#91
 1,2-Dichlorobenzene
 Concen: 44.587 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

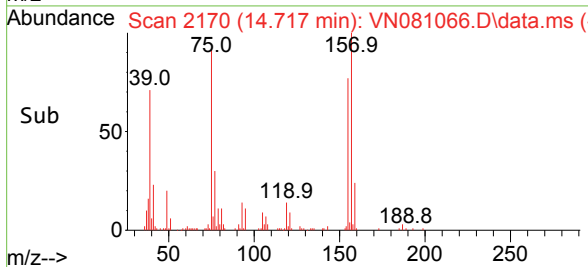
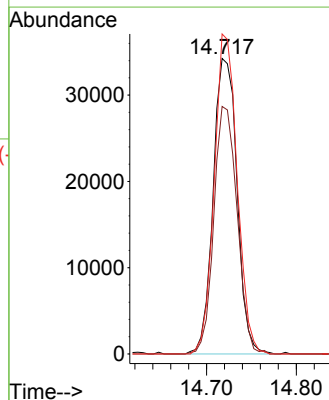
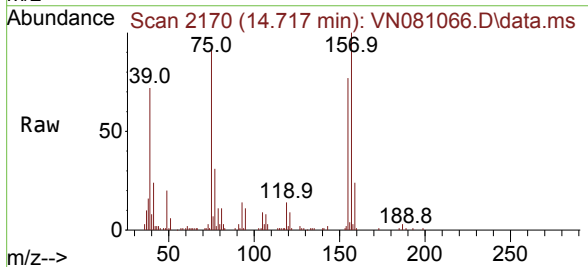
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

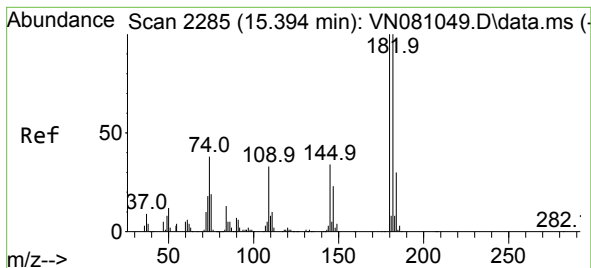
Tgt Ion:146 Resp: 482293
 Ion Ratio Lower Upper
 146 100
 111 44.1 23.9 71.8
 148 63.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.507 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN081066.D
 Acq: 19 Feb 2024 10:14

Tgt Ion: 75 Resp: 63042
 Ion Ratio Lower Upper
 75 100
 155 82.0 31.8 95.4
 157 104.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 47.196 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

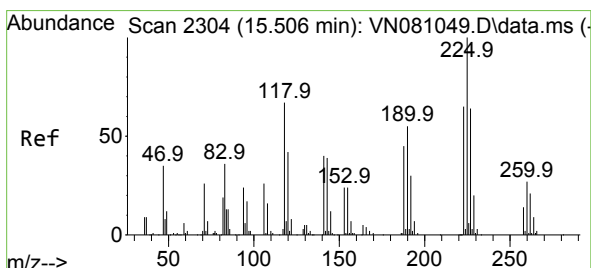
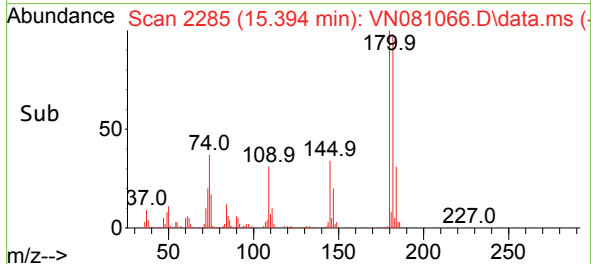
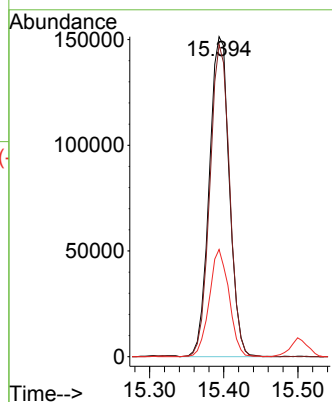
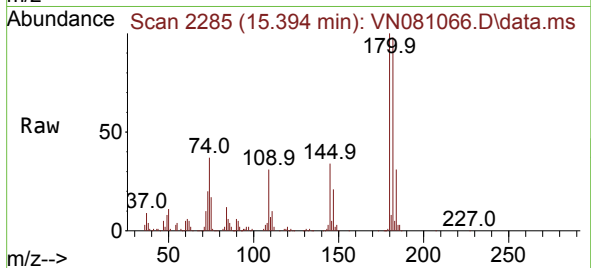
Tgt Ion:180 Resp: 284816

Ion Ratio Lower Upper

180 100

182 95.4 46.6 139.7

145 33.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 47.699 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

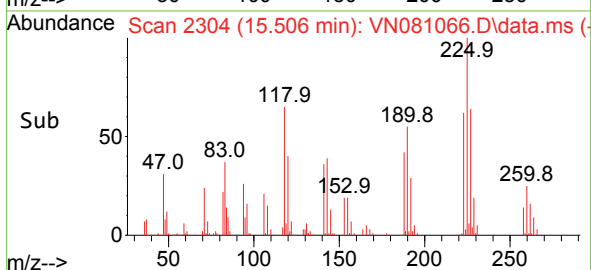
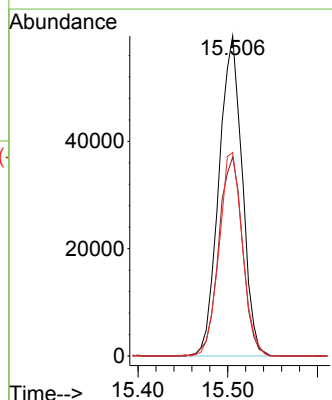
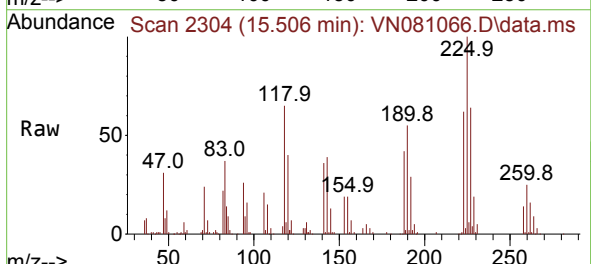
Tgt Ion:225 Resp: 107352

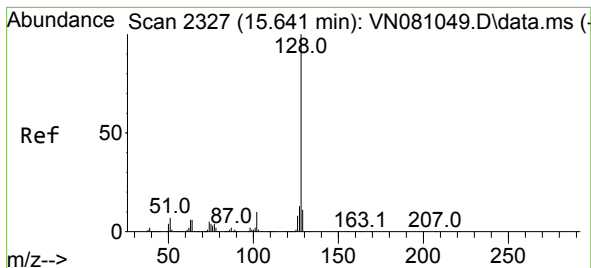
Ion Ratio Lower Upper

225 100

223 63.6 33.3 99.8

227 63.7 33.1 99.2





#95

Naphthalene

Concen: 42.806 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

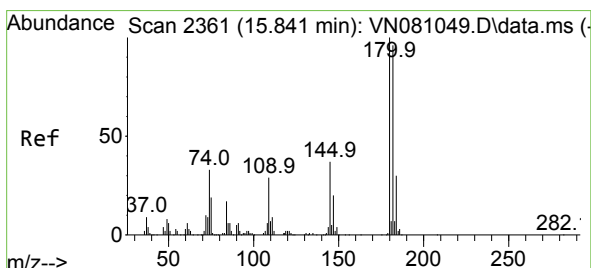
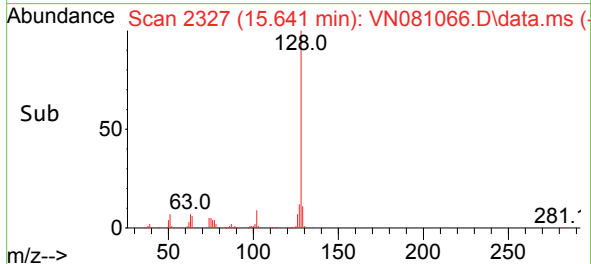
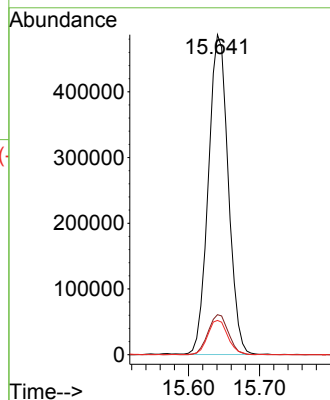
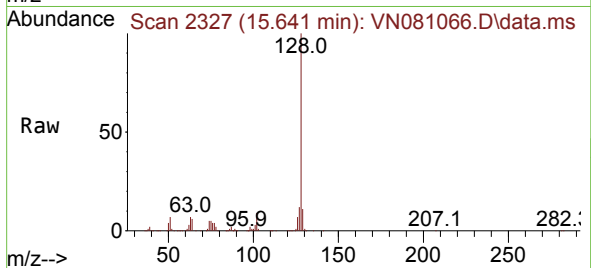
Tgt Ion:128 Resp: 946634

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.431 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081066.D

Acq: 19 Feb 2024 10:14

Tgt Ion:180 Resp: 271981

Ion Ratio Lower Upper

180 100

182 95.8 46.5 139.3

145 37.2 17.8 53.4

