

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082198.D
 Acq On : 17 May 2024 22:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 18 00:14:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158766	50.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	8.165	113	110802	51.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	10.571	98	422875	51.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.847	95	151483	51.743	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	131841	45.601	ug/l	99
3) Chloromethane	2.359	50	147265	44.944	ug/l	98
4) Vinyl Chloride	2.518	62	142522	46.268	ug/l	97
5) Bromomethane	2.954	94	70378	39.749	ug/l	99
6) Chloroethane	3.118	64	92765	46.121	ug/l	97
7) Trichlorofluoromethane	3.501	101	194097	48.120	ug/l	98
8) Diethyl Ether	3.959	74	70348	48.957	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	107972	45.823	ug/l	99
10) Methyl Iodide	4.589	142	107751	45.489	ug/l	97
11) Tert butyl alcohol	5.518	59	114985	226.219	ug/l	98
12) 1,1-Dichloroethene	4.342	96	104569	47.747	ug/l #	75
13) Acrolein	4.177	56	68880	182.869	ug/l	98
14) Allyl chloride	5.024	41	209499	44.680	ug/l #	91
15) Acrylonitrile	5.718	53	315913	239.980	ug/l	100
16) Acetone	4.424	43	286095	220.251	ug/l	91
17) Carbon Disulfide	4.712	76	307075	43.412	ug/l	99
18) Methyl Acetate	5.024	43	154204	47.669	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	387922	48.459	ug/l	96
20) Methylene Chloride	5.277	84	123082	46.964	ug/l #	72
21) trans-1,2-Dichloroethene	5.783	96	111489	46.714	ug/l #	78
22) Diisopropyl ether	6.671	45	480406	49.065	ug/l #	92
23) Vinyl Acetate	6.600	43	1882475	243.857	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	244256	48.400	ug/l	95
25) 2-Butanone	7.483	43	463976	235.591	ug/l #	81
26) 2,2-Dichloropropane	7.489	77	168715	39.913	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	135479	48.100	ug/l	81
28) Bromochloromethane	7.812	49	102149	46.418	ug/l #	74
29) Tetrahydrofuran	7.836	42	305529	241.626	ug/l #	82
30) Chloroform	7.965	83	233209	48.391	ug/l	98
31) Cyclohexane	8.259	56	220032	43.507	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	208787	48.833	ug/l #	94
36) 1,1-Dichloropropene	8.371	75	169164	47.145	ug/l	95
37) Ethyl Acetate	7.559	43	187398	46.668	ug/l #	94
38) Carbon Tetrachloride	8.359	117	175500	48.250	ug/l	96
39) Methylcyclohexane	9.600	83	191714	48.744	ug/l #	86
40) Benzene	8.606	78	520939	48.687	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	112267	47.539	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	196932	47.855	ug/l	95
43) Isopropyl Acetate	8.688	43	434267	61.033	ug/l #	82
44) Trichloroethene	9.353	130	114029	46.915	ug/l	95
45) 1,2-Dichloropropane	9.624	63	133513	48.362	ug/l	100
46) Dibromomethane	9.706	93	85474	47.159	ug/l	98
47) Bromodichloromethane	9.888	83	189025	49.402	ug/l #	96
48) Methyl methacrylate	9.683	41	164979	48.660	ug/l #	82
49) 1,4-Dioxane	9.694	88	46258	973.660	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	991415	245.237	ug/l	90
52) Toluene	10.630	92	320883	49.974	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	194321	49.105	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	202592	48.365	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	114298	48.983	ug/l	97
56) Ethyl methacrylate	10.877	69	202374	51.083	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	210637	48.279	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	522356	255.623	ug/l	91
59) 2-Hexanone	11.194	43	725737	245.175	ug/l	89
60) Dibromochloromethane	11.359	129	136468	52.995	ug/l	100
61) 1,2-Dibromoethane	11.471	107	116184	48.476	ug/l	100
64) Tetrachloroethene	11.106	164	102969	43.649	ug/l	94
65) Chlorobenzene	11.894	112	335650	47.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	115482	49.863	ug/l	99
67) Ethyl Benzene	11.965	91	622948	49.528	ug/l	96
68) m/p-Xylenes	12.071	106	458721	99.511	ug/l	92
69) o-Xylene	12.400	106	223968	50.157	ug/l	91
70) Styrene	12.412	104	386108	52.057	ug/l	96
71) Bromoform	12.582	173	87703	47.646	ug/l #	98
73) Isopropylbenzene	12.694	105	578949	48.974	ug/l	97
74) N-amyl acetate	12.494	43	314265	48.329	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	163755	48.054	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	224560	71.699	ug/l	69
77) Bromobenzene	12.982	156	133934	47.541	ug/l	88
78) n-propylbenzene	13.035	91	702206	50.162	ug/l	96
79) 2-Chlorotoluene	13.123	91	421577	47.959	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	479998	50.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	59599	44.509	ug/l #	79
82) 4-Chlorotoluene	13.223	91	419837	48.849	ug/l	95
83) tert-Butylbenzene	13.441	119	413473	49.443	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	492814	50.392	ug/l	98
85) sec-Butylbenzene	13.618	105	582770	50.277	ug/l	98
86) p-Isopropyltoluene	13.729	119	484791	51.463	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	248770	48.740	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	247052	47.425	ug/l	97
89) n-Butylbenzene	14.059	91	420286	49.638	ug/l	98
90) Hexachloroethane	14.335	117	88729	50.837	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	236747	49.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33974	48.524	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	130623	48.234	ug/l	98
94) Hexachlorobutadiene	15.500	225	52693	44.343	ug/l	98
95) Naphthalene	15.641	128	423645	49.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	129991	47.948	ug/l	97

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

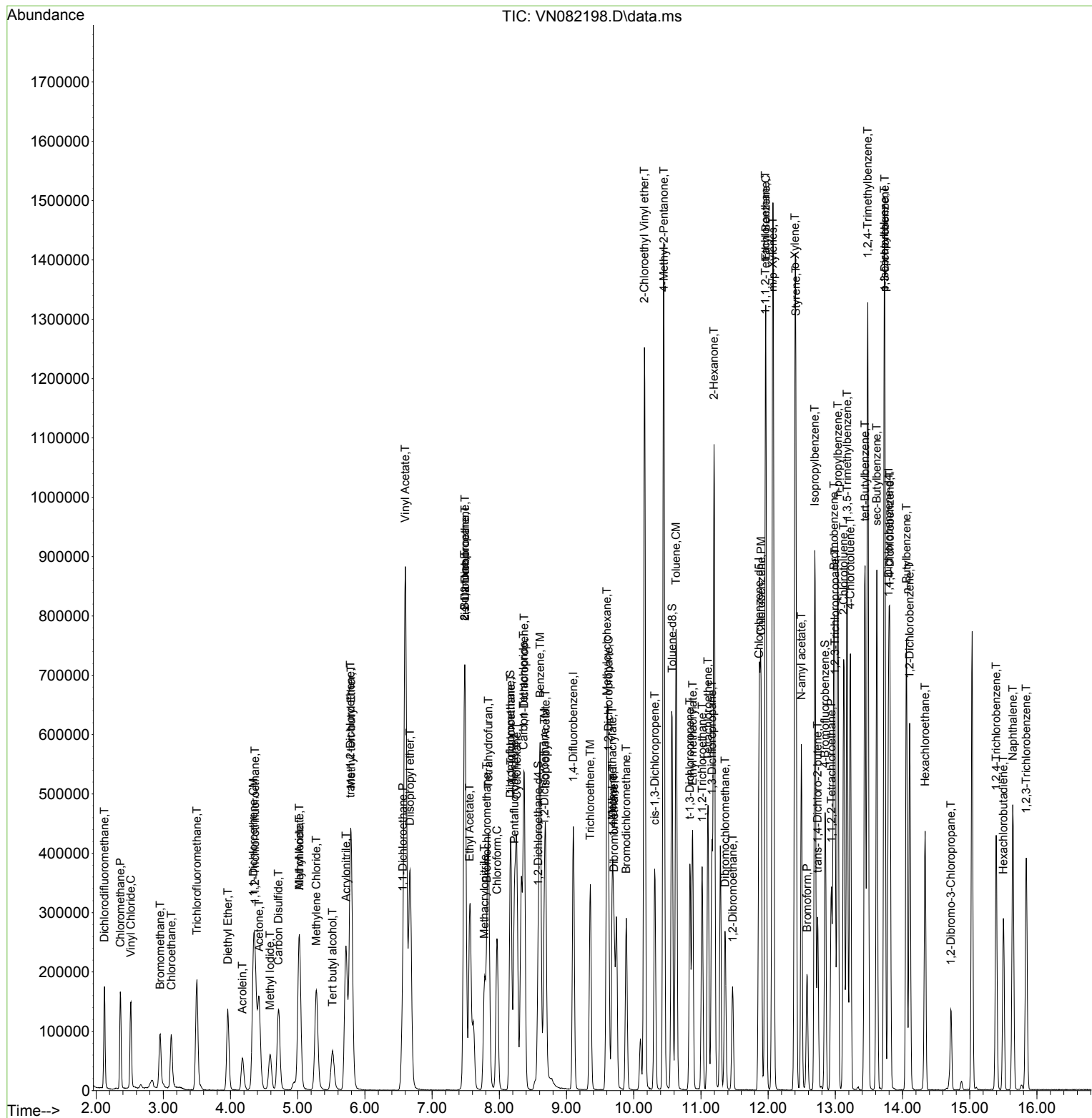
Quant Time: May 18 00:14:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

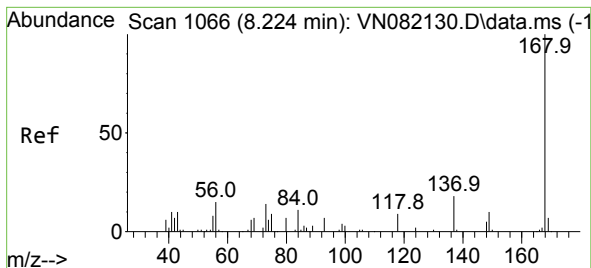
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

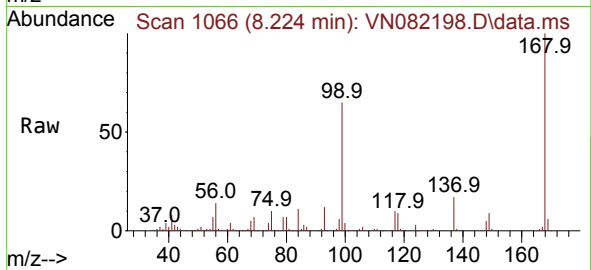
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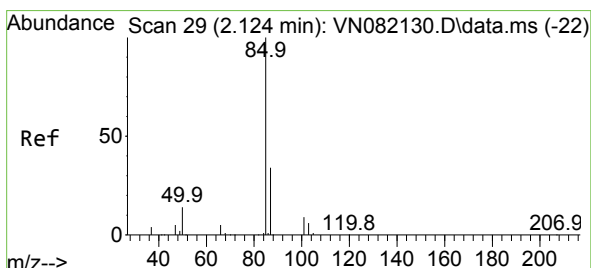
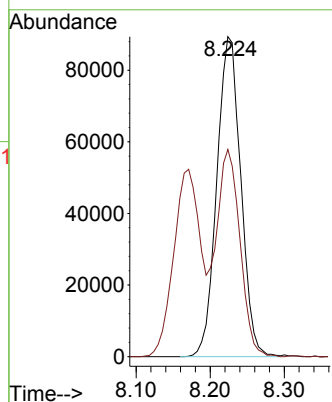
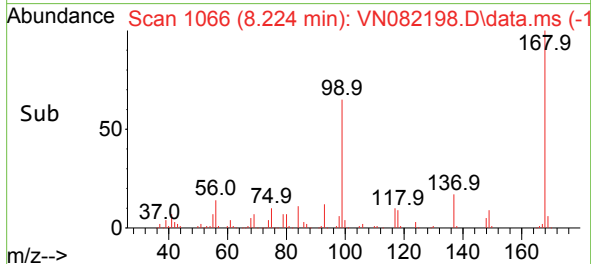


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082198.D
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ClientSampleId :
VSTDCCC050EC

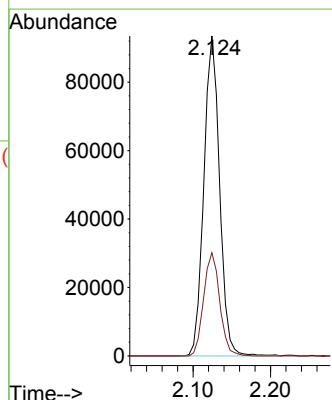
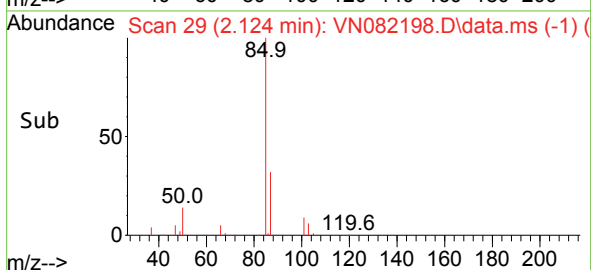
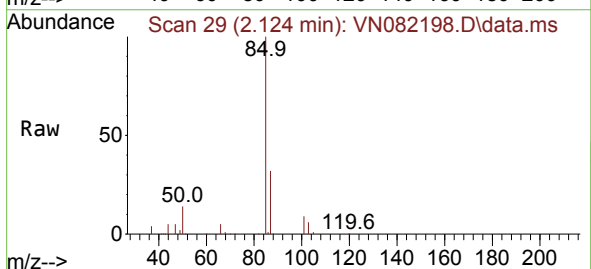


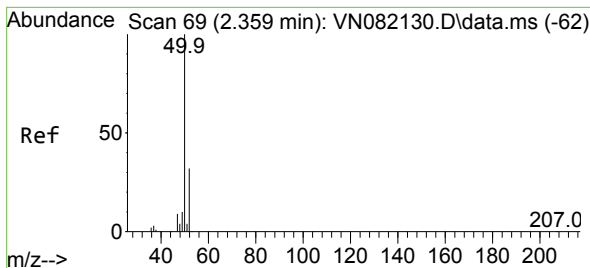
Tgt Ion:168 Resp: 200534
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 45.601 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 85 Resp: 131841
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3

Chloromethane

Concen: 44.944 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

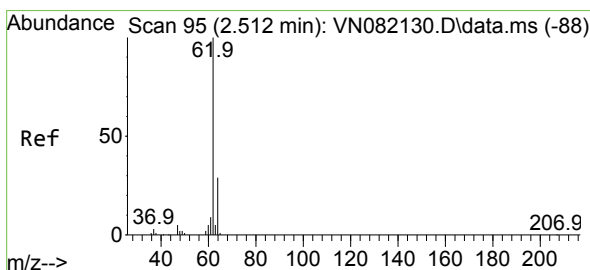
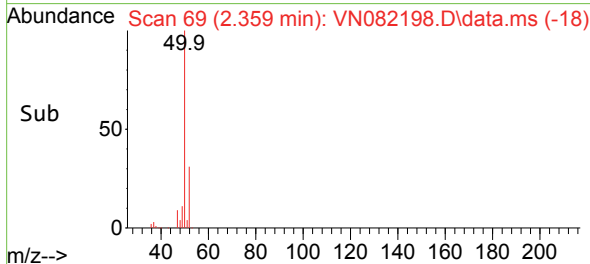
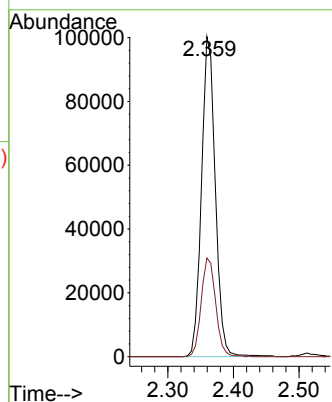
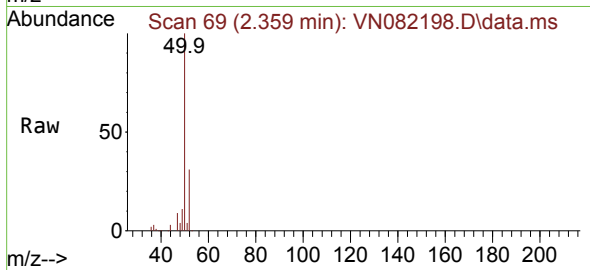
VSTDCCC050EC

Tgt Ion: 50 Resp: 147265

Ion Ratio Lower Upper

50 100

52 30.8 25.5 38.3



#4

Vinyl Chloride

Concen: 46.268 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN082198.D

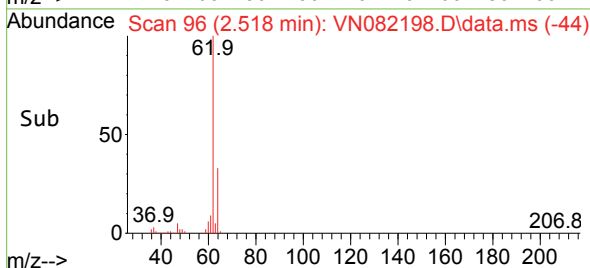
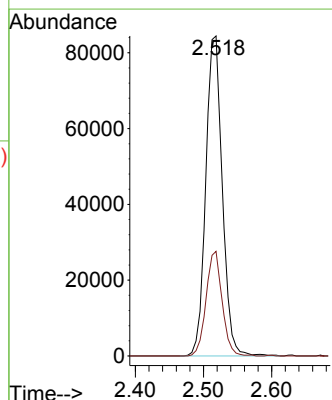
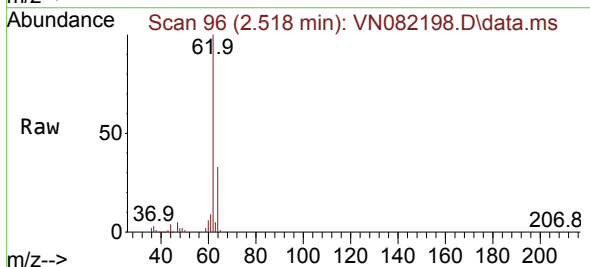
Acq: 17 May 2024 22:58

Tgt Ion: 62 Resp: 142522

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0

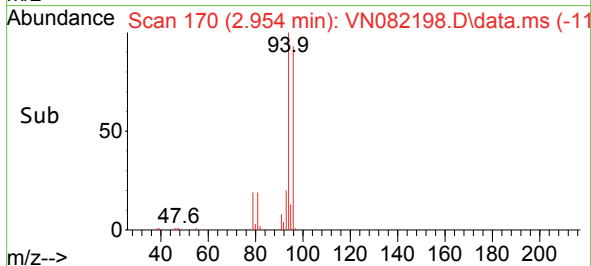
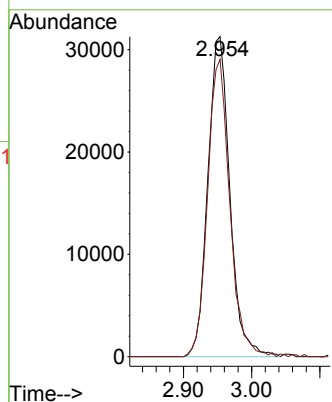
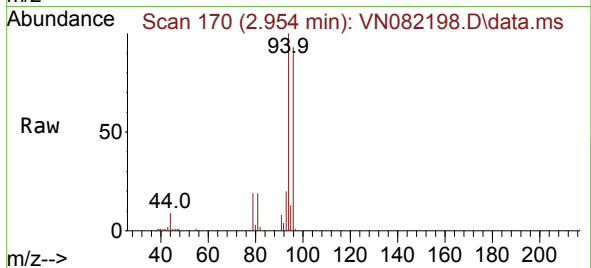




#5
Bromomethane
Concen: 39.749 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

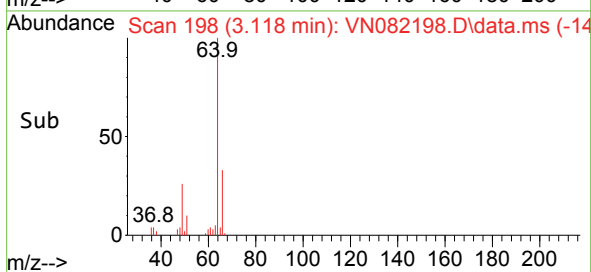
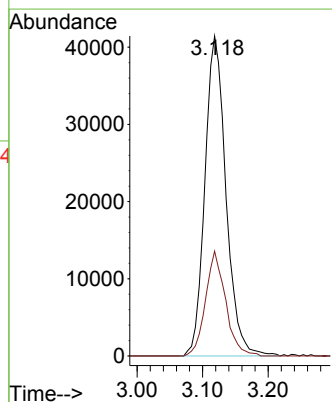
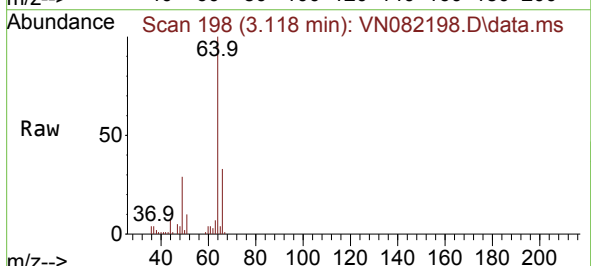
Instrument :
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VSTDCCC050EC

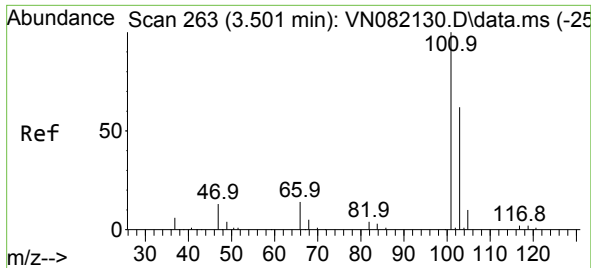
Tgt Ion: 94 Resp: 70378
Ion Ratio Lower Upper
94 100
96 92.9 74.8 112.2



#6
Chloroethane
Concen: 46.121 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 64 Resp: 92765
Ion Ratio Lower Upper
64 100
66 32.8 24.7 37.1

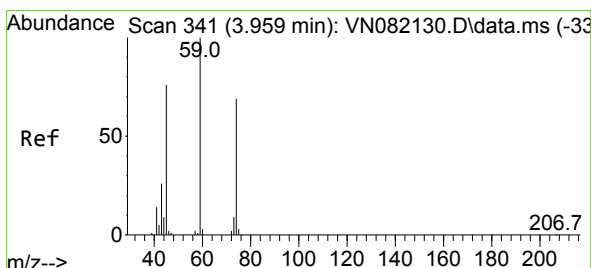
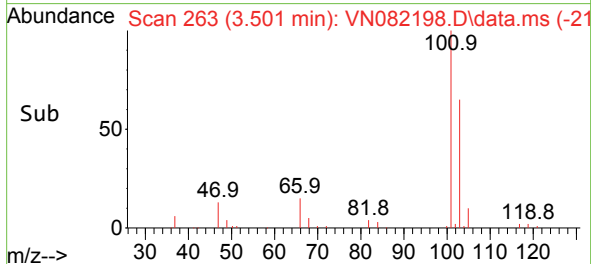
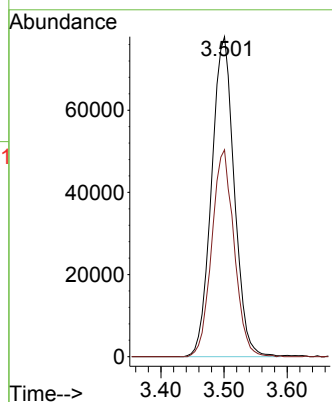
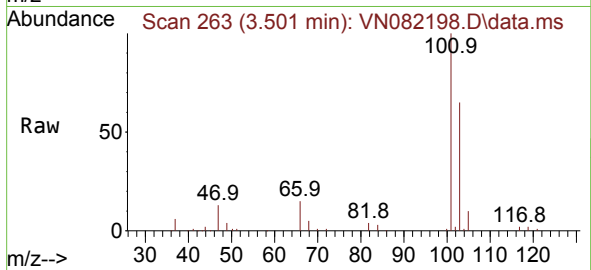




#7
Trichlorofluoromethane
Concen: 48.120 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

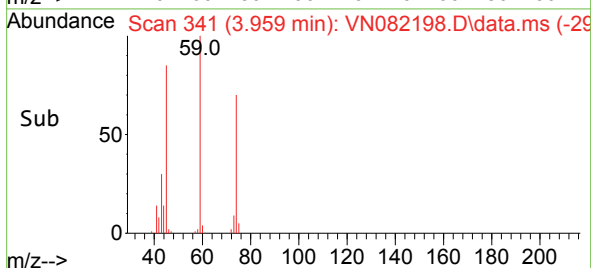
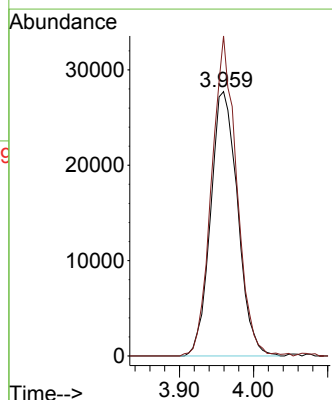
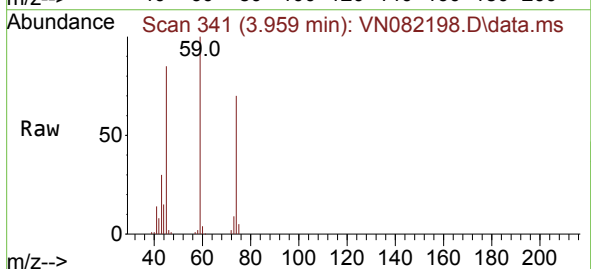
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VSTDCCC050EC

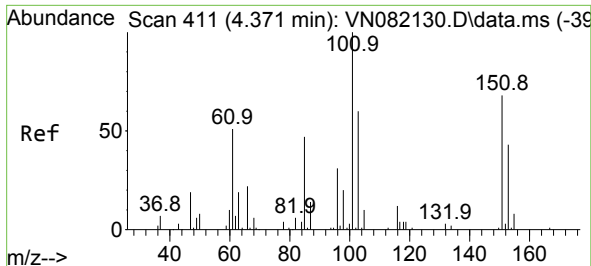
Tgt Ion:101 Resp: 194097
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8



#8
Diethyl Ether
Concen: 48.957 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 74 Resp: 70348
Ion Ratio Lower Upper
74 100
45 112.2 42.4 127.3

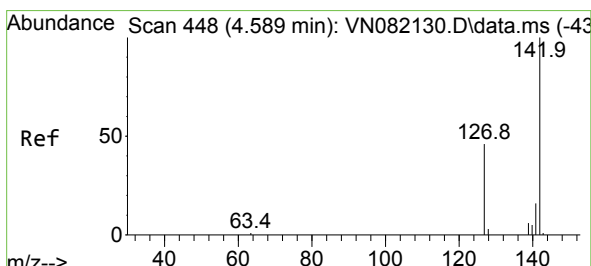
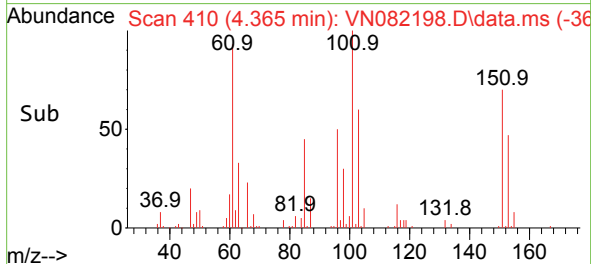
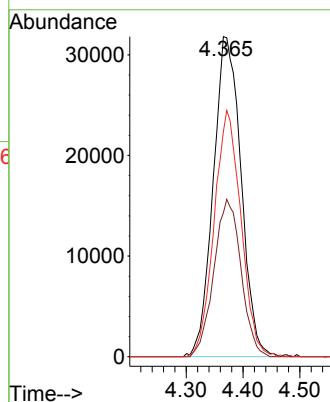
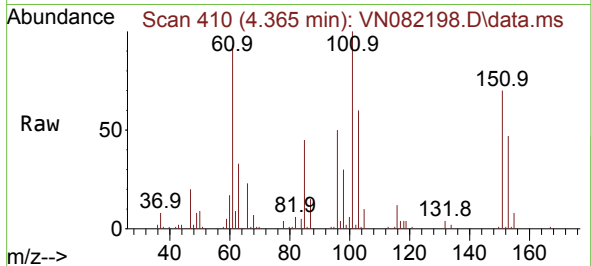




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.823 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

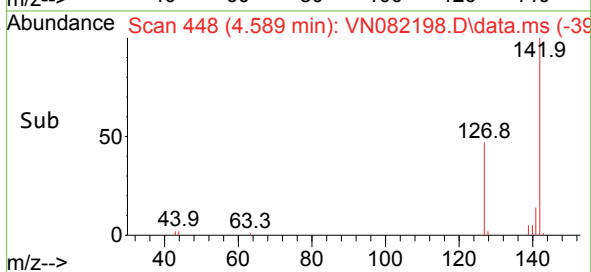
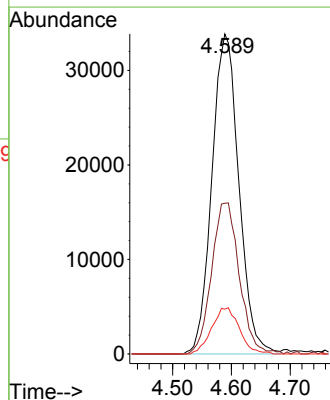
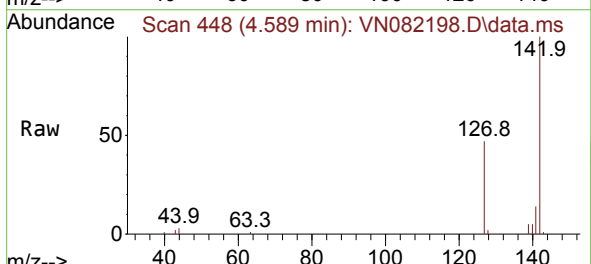
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 107972
Ion Ratio Lower Upper
101 100
85 48.0 37.3 55.9
151 74.3 59.2 88.8



#10
Methyl Iodide
Concen: 45.489 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:142 Resp: 107751
Ion Ratio Lower Upper
142 100
127 47.1 35.8 53.6
141 14.0 11.4 17.2

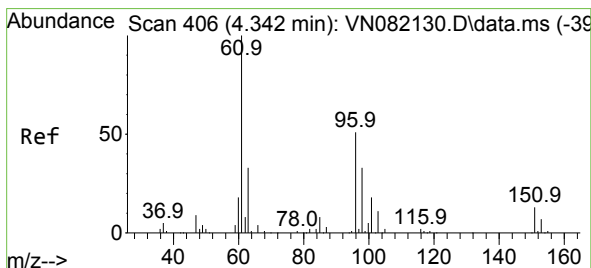
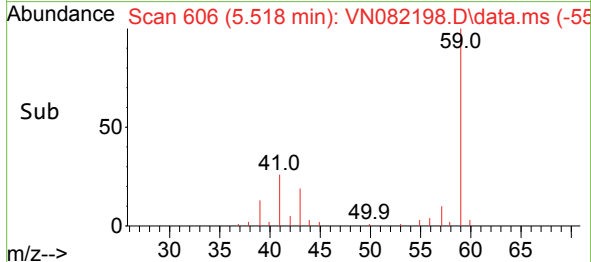
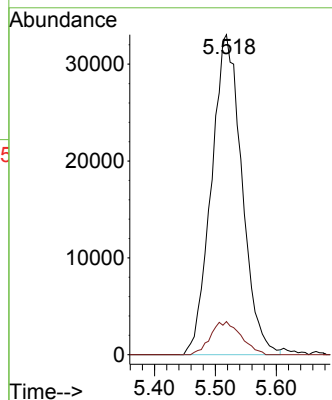
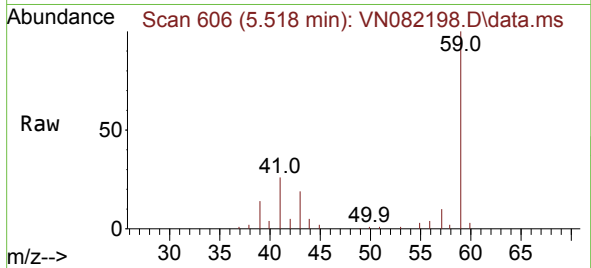




#11
Tert butyl alcohol
Concen: 226.219 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

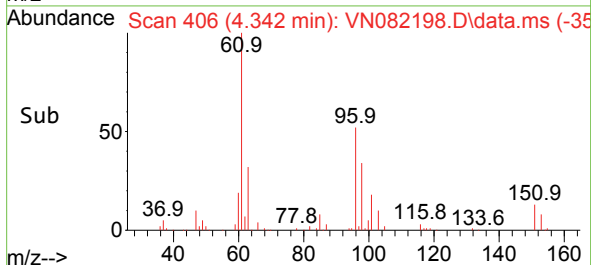
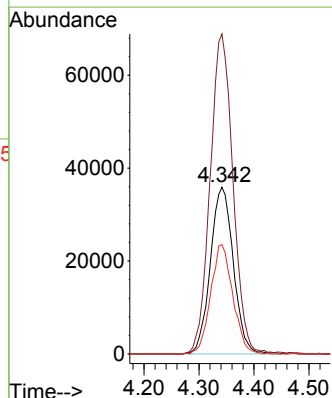
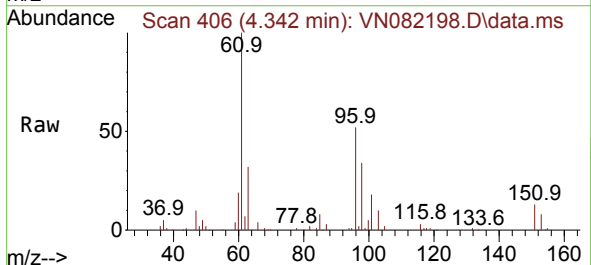
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

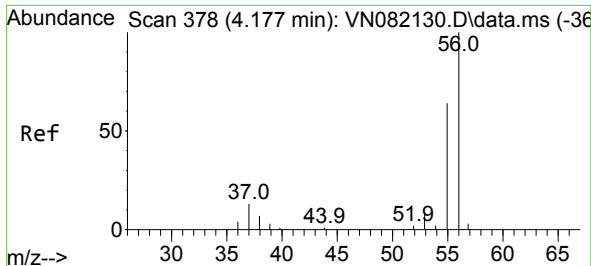
Tgt Ion: 59 Resp: 114985
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 47.747 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 96 Resp: 104569
Ion Ratio Lower Upper
96 100
61 192.0 119.7 179.5#
98 65.6 49.6 74.4





#13

Acrolein

Concen: 182.869 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

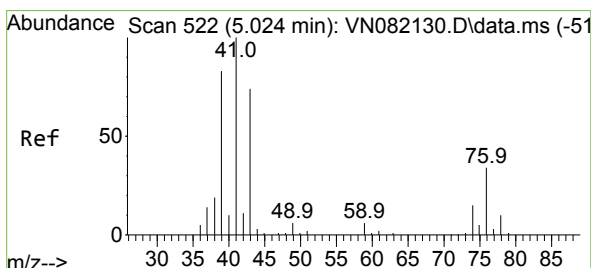
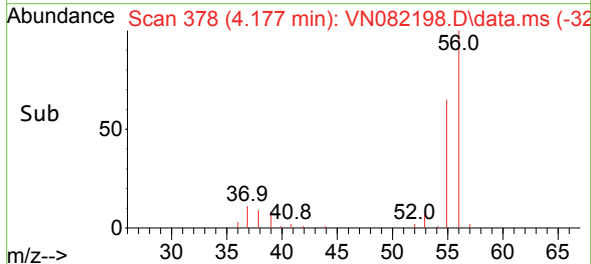
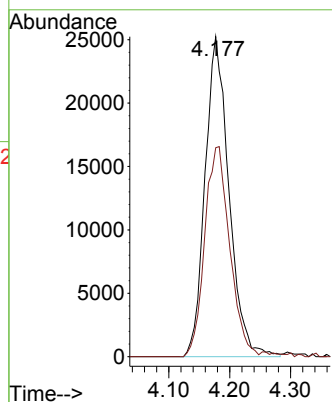
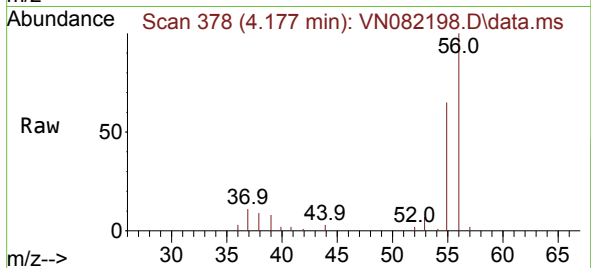
VSTDCCC050EC

Tgt Ion: 56 Resp: 68880

Ion Ratio Lower Upper

56 100

55 68.5 55.8 83.8



#14

Allyl chloride

Concen: 44.680 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

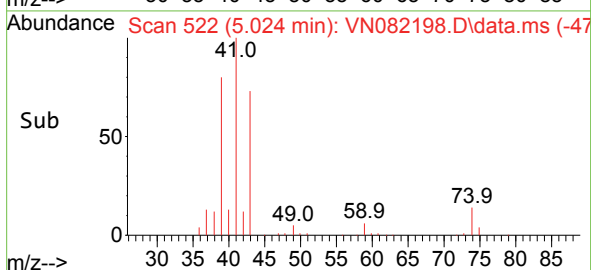
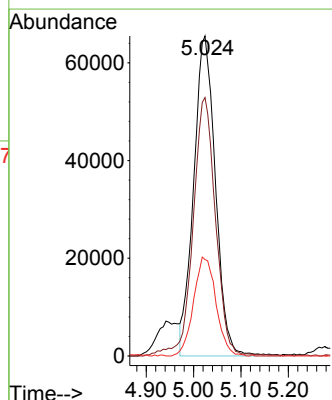
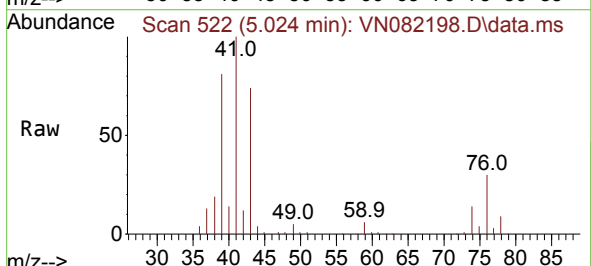
Tgt Ion: 41 Resp: 209499

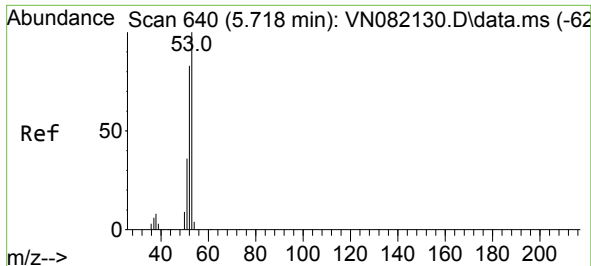
Ion Ratio Lower Upper

41 100

39 83.1 65.4 98.0

76 31.8 37.3 55.9#





#15

Acrylonitrile

Concen: 239.980 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

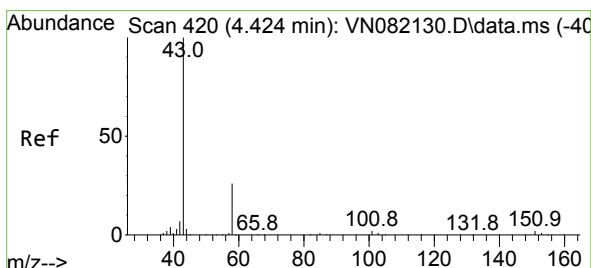
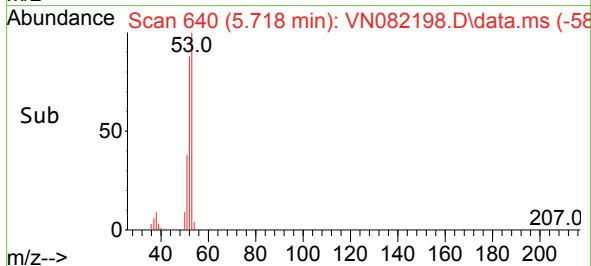
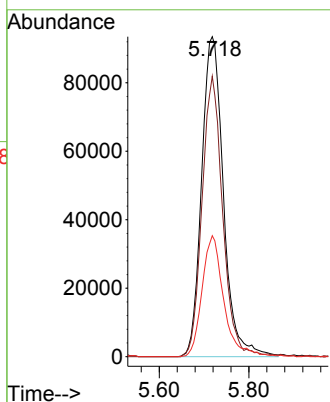
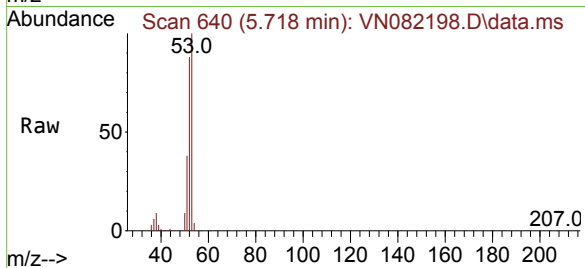
Tgt Ion: 53 Resp: 315913

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

51 37.5 29.4 44.2



#16

Acetone

Concen: 220.251 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN082198.D

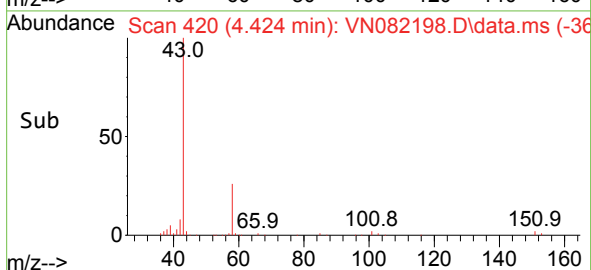
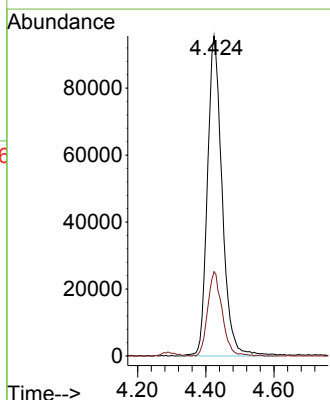
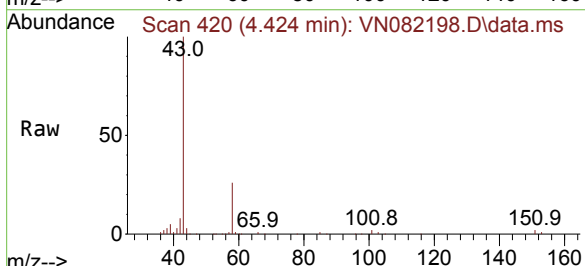
Acq: 17 May 2024 22:58

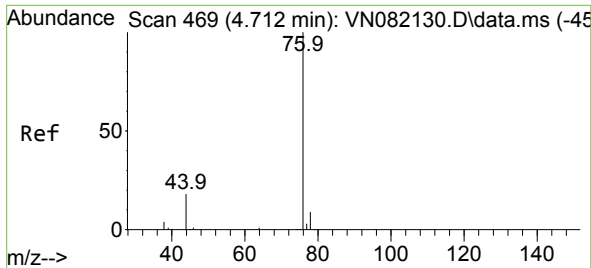
Tgt Ion: 43 Resp: 286095

Ion Ratio Lower Upper

43 100

58 26.3 25.2 37.8

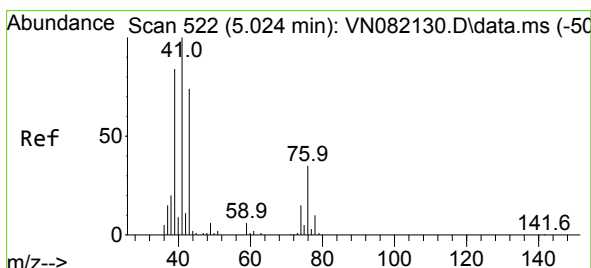
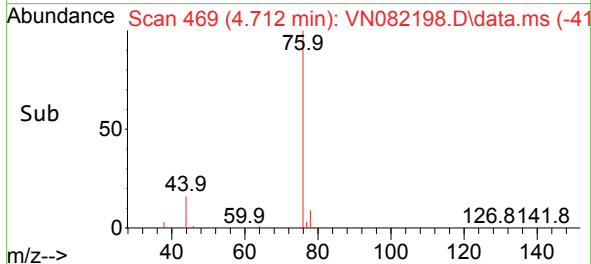
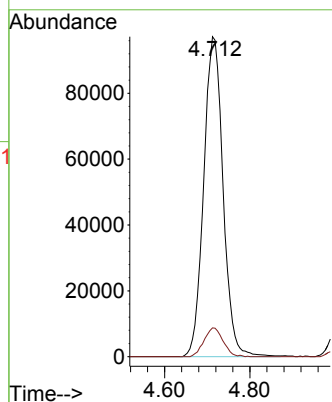
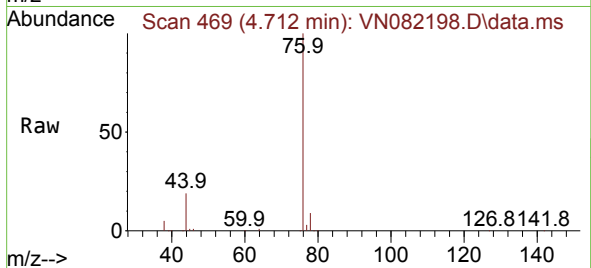




#17
Carbon Disulfide
Concen: 43.412 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

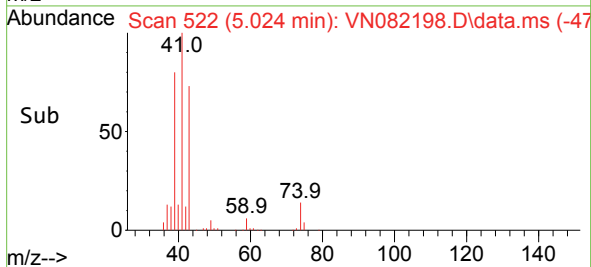
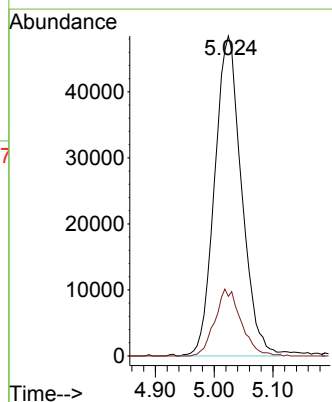
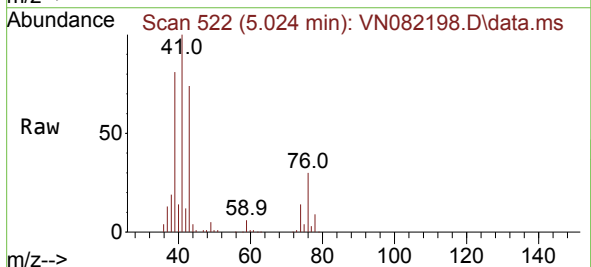
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

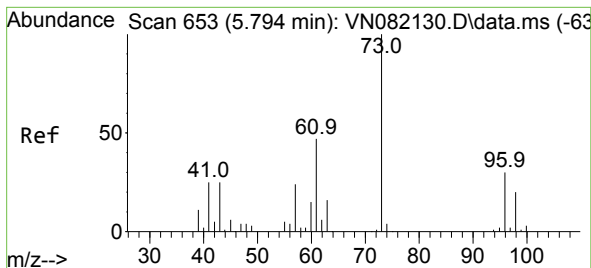
Tgt Ion: 76 Resp: 307075
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 47.669 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 43 Resp: 154204
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#





#19

Methyl tert-butyl Ether

Concen: 48.459 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

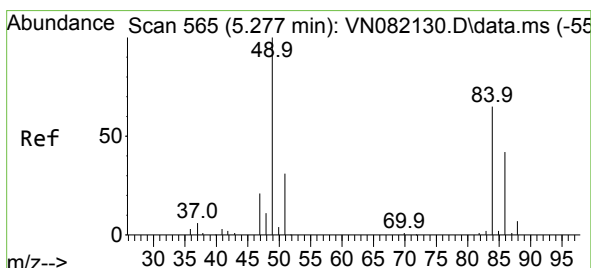
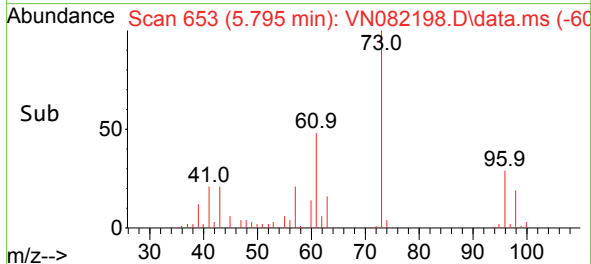
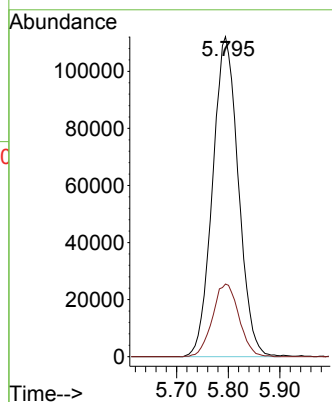
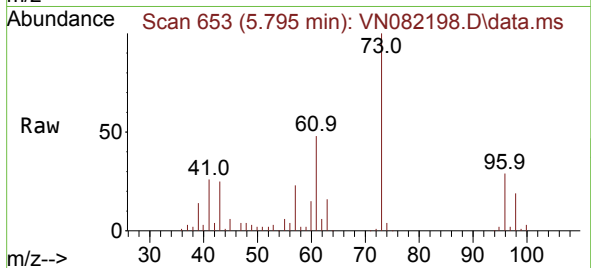
VSTDCCC050EC

Tgt Ion: 73 Resp: 387922

Ion Ratio Lower Upper

73 100

57 22.7 16.5 24.7



#20

Methylene Chloride

Concen: 46.964 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Tgt Ion: 84 Resp: 123082

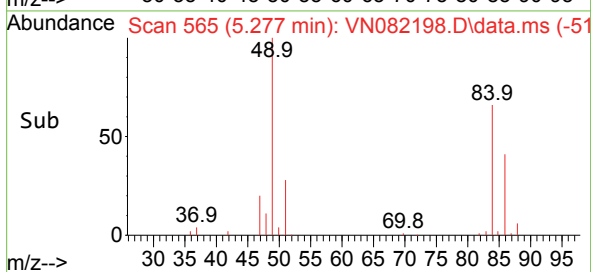
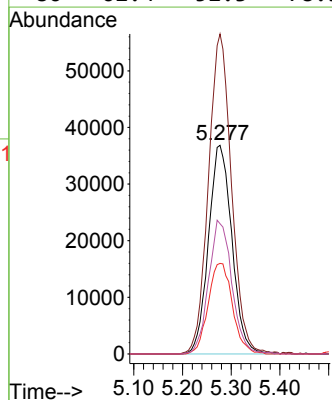
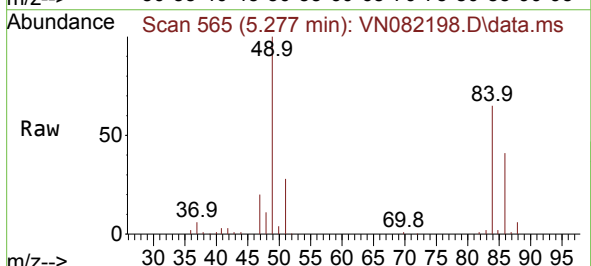
Ion Ratio Lower Upper

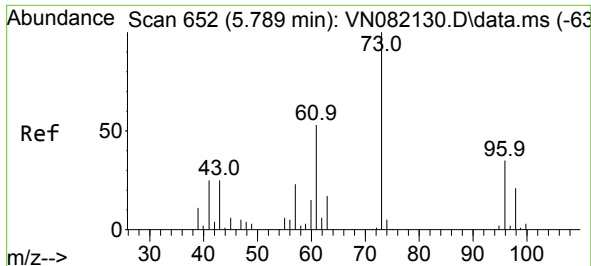
84 100

49 153.3 84.9 127.3#

51 43.4 27.0 40.6#

86 62.4 52.3 78.5

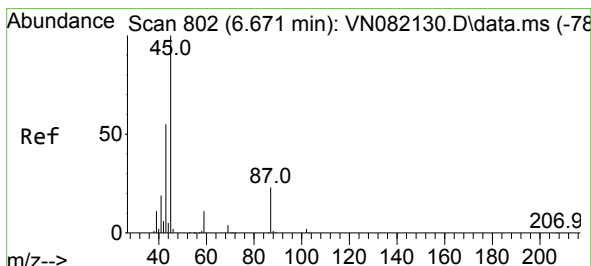
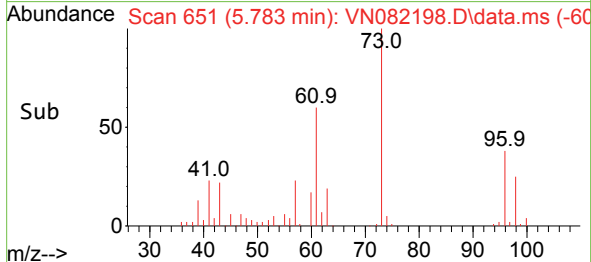
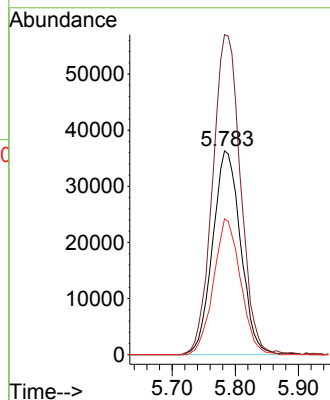
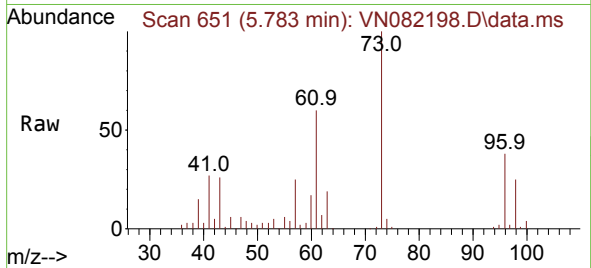




#21
trans-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

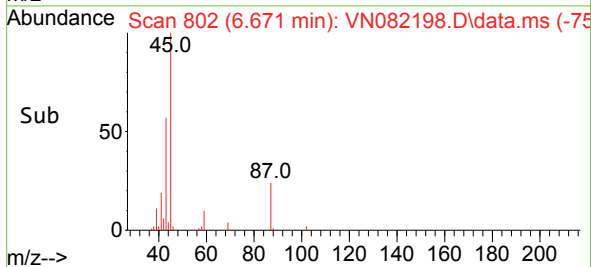
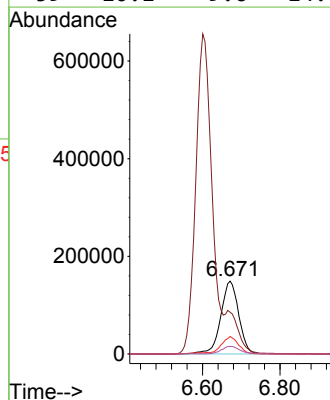
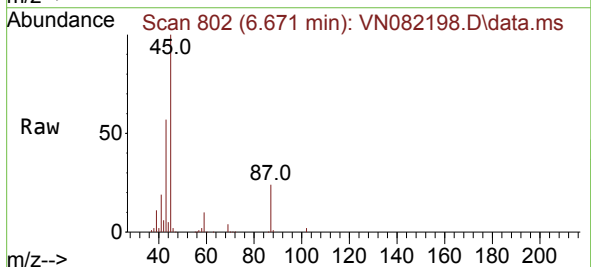
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

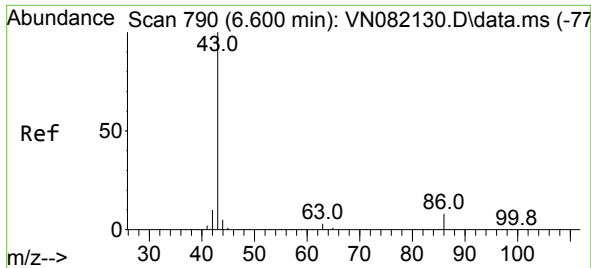
Tgt Ion: 96 Resp: 111489
Ion Ratio Lower Upper
96 100
61 157.0 96.5 144.7#
98 66.6 51.3 76.9



#22
Diisopropyl ether
Concen: 49.065 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 45 Resp: 480406
Ion Ratio Lower Upper
45 100
43 56.9 44.1 66.1
87 24.0 27.0 40.6#
59 10.1 9.6 14.4

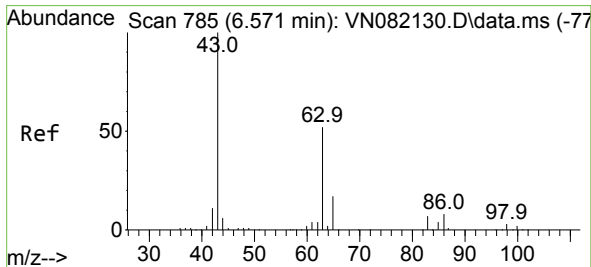
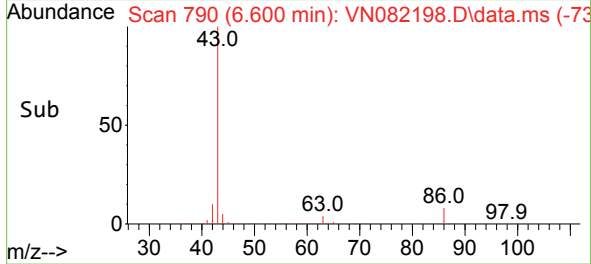
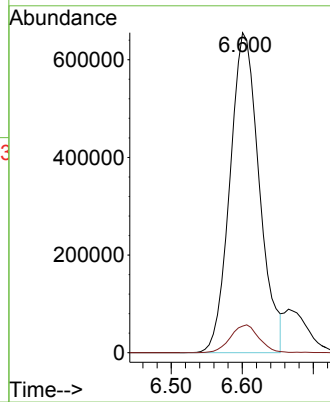
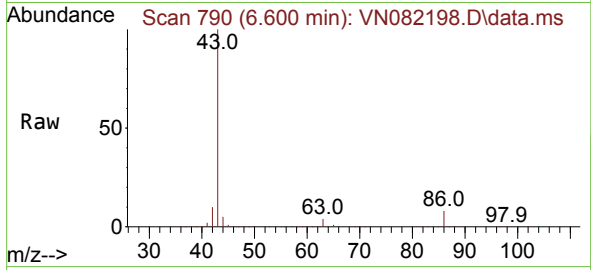




#23
 Vinyl Acetate
 Concen: 243.857 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

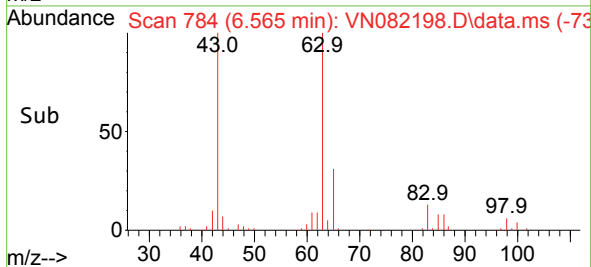
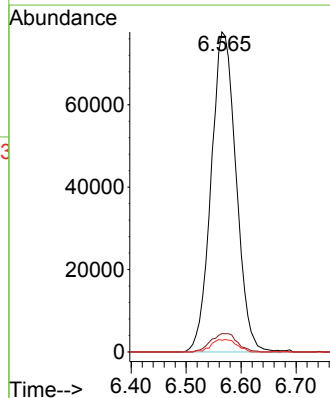
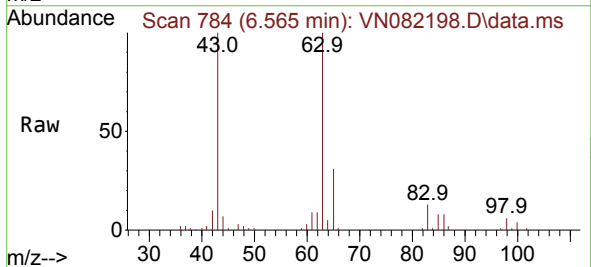
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

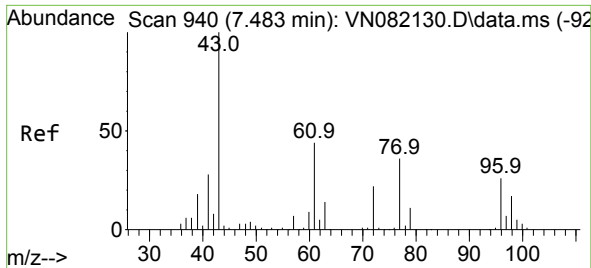
Tgt Ion: 43 Resp: 1882475
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 48.400 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

Tgt Ion: 63 Resp: 244256
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 3.6 2.6 7.8

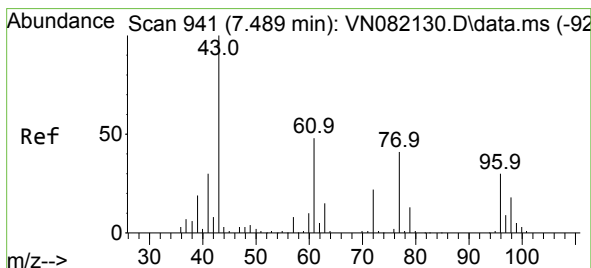
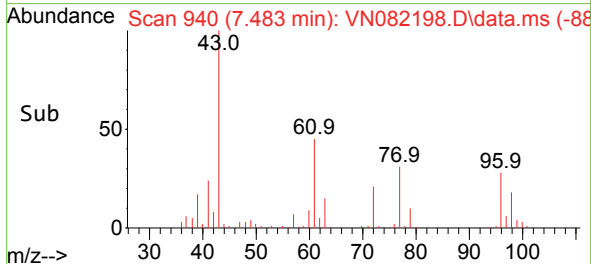
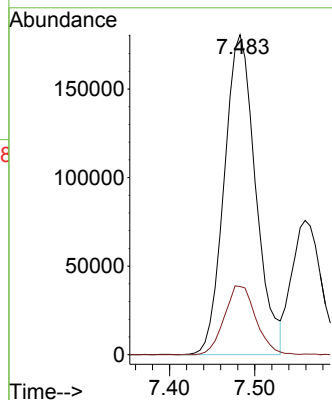
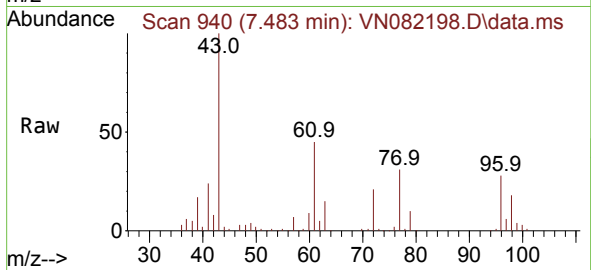




#25
2-Butanone
Concen: 235.591 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

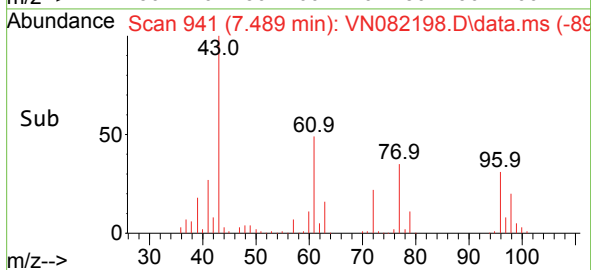
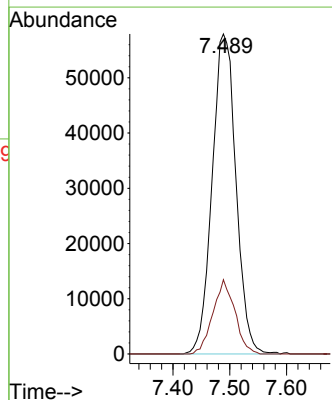
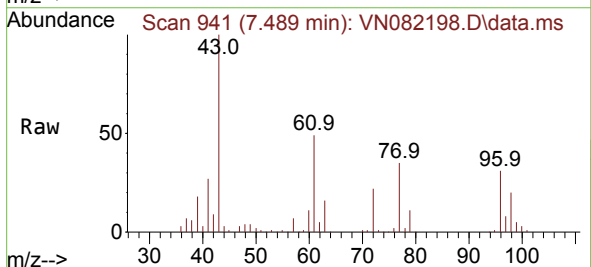
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 463976
Ion Ratio Lower Upper
43 100
72 21.3 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 39.913 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 77 Resp: 168715
Ion Ratio Lower Upper
77 100
97 21.4 11.3 33.9

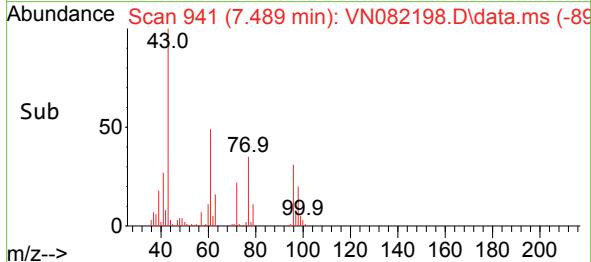
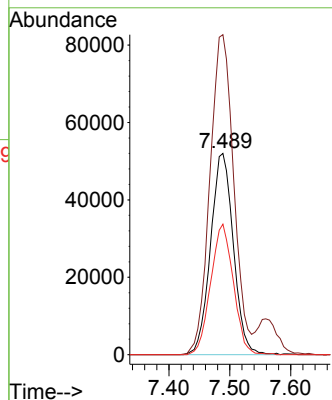
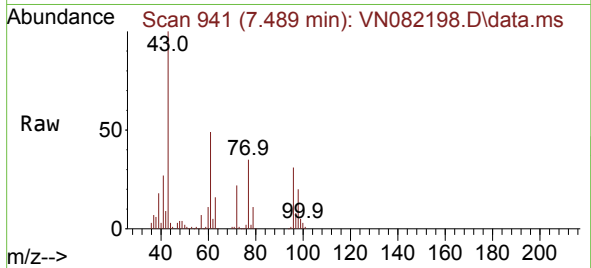




#27
 cis-1,2-Dichloroethene
 Concen: 48.100 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

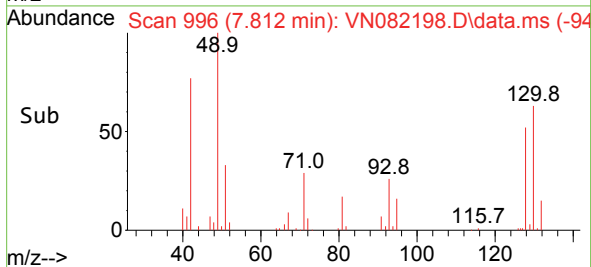
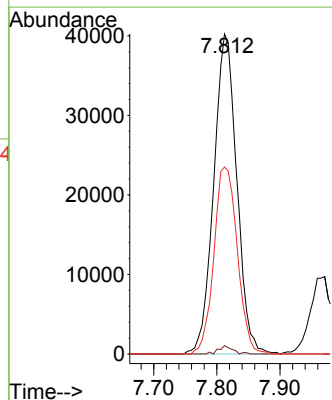
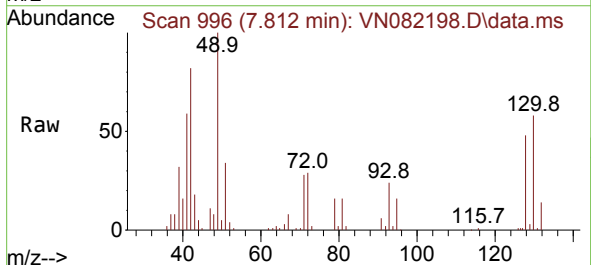
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 135479
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 268.0
 98 64.5 0.0 126.8



#28
 Bromochloromethane
 Concen: 46.418 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

Tgt Ion: 49 Resp: 102149
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 59.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 241.626 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

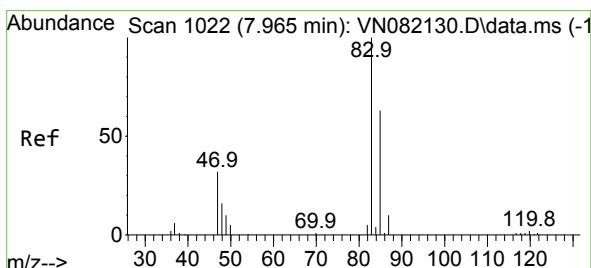
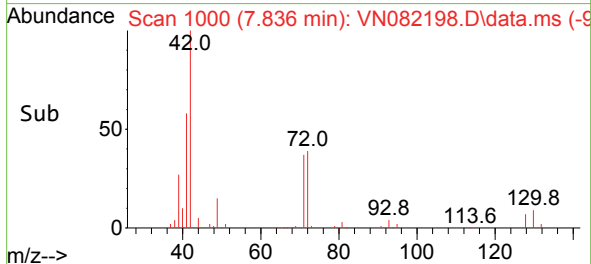
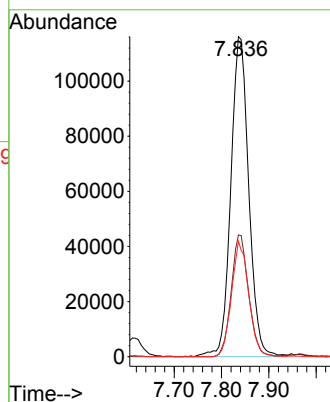
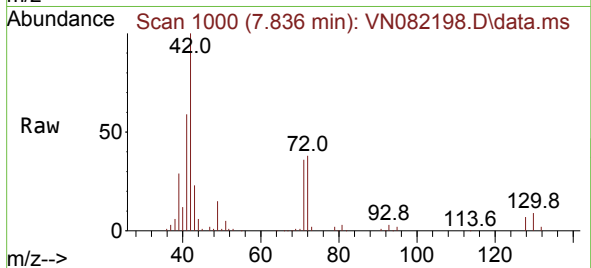
Tgt Ion: 42 Resp: 305529

Ion Ratio Lower Upper

42 100

72 36.8 39.3 58.9#

71 34.4 37.4 56.0#



#30

Chloroform

Concen: 48.391 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082198.D

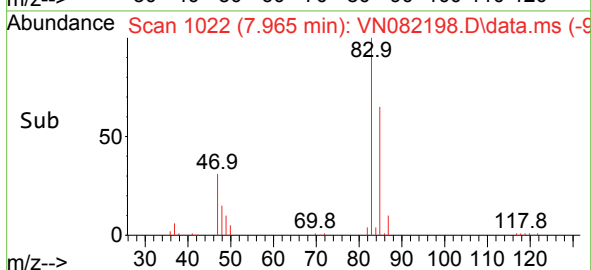
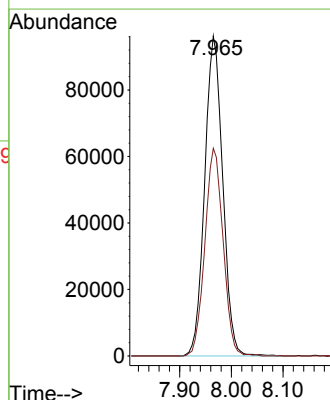
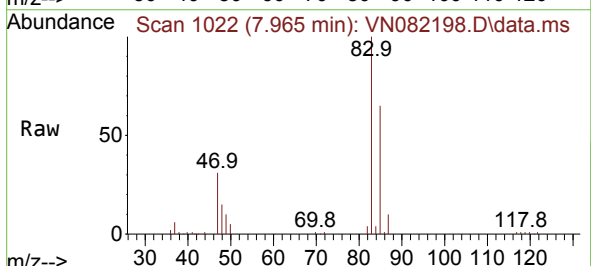
Acq: 17 May 2024 22:58

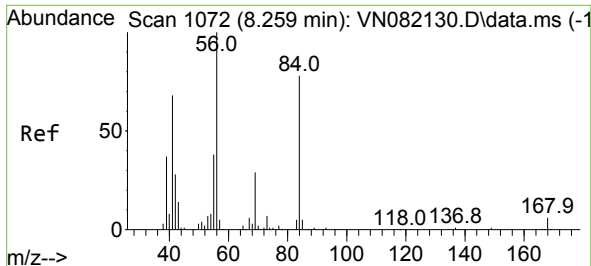
Tgt Ion: 83 Resp: 233209

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1

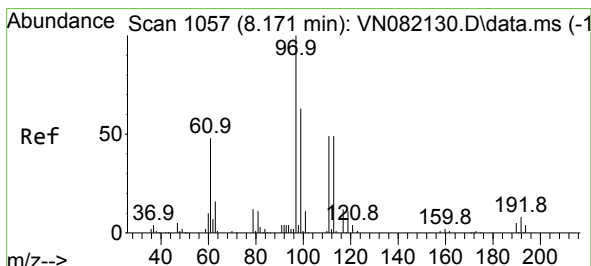
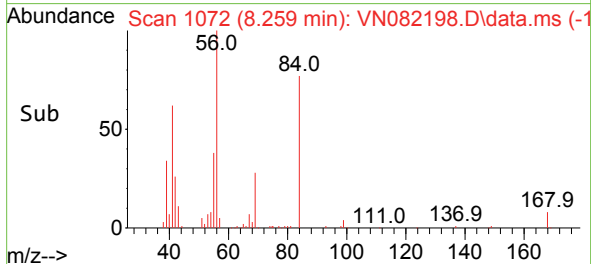
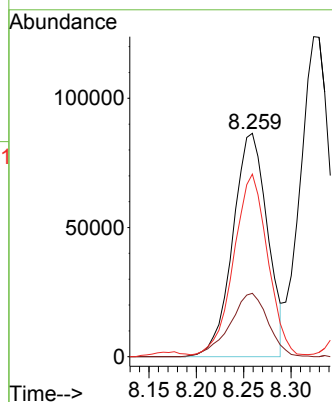
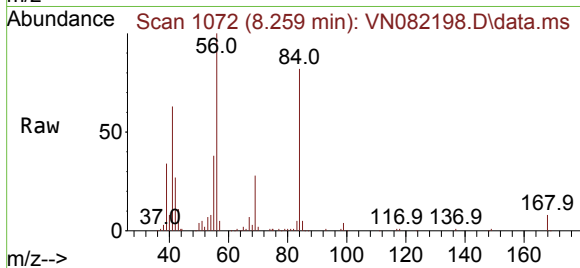




#31
Cyclohexane
Concen: 43.507 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

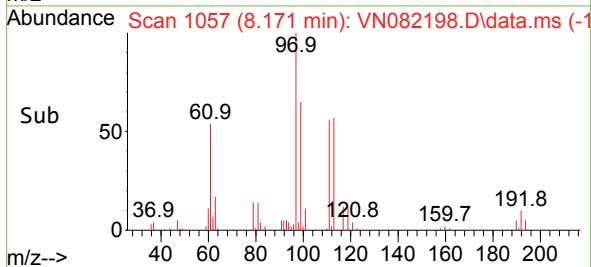
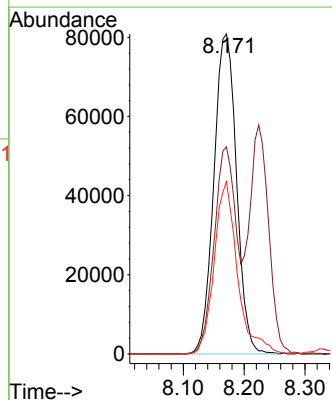
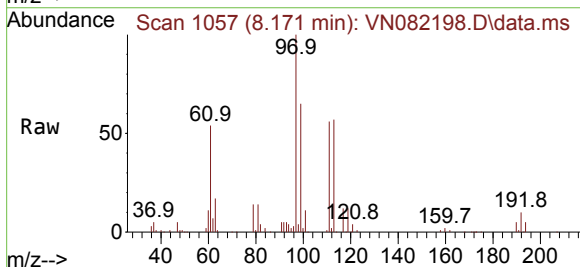
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 220032
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 80.4 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 48.833 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 97 Resp: 208787
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 55.5 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 50.140 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

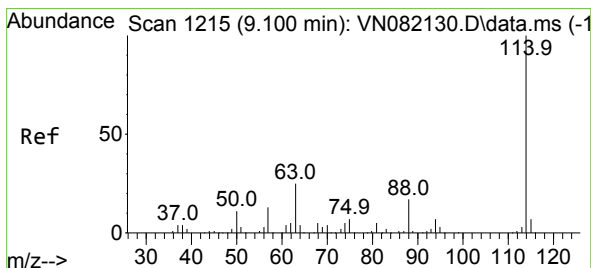
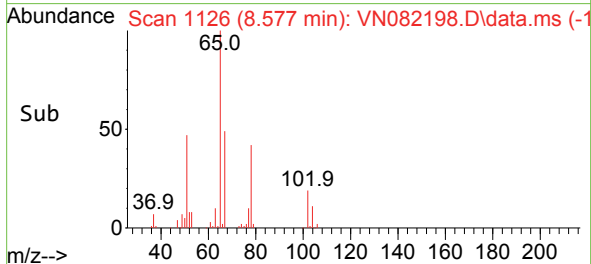
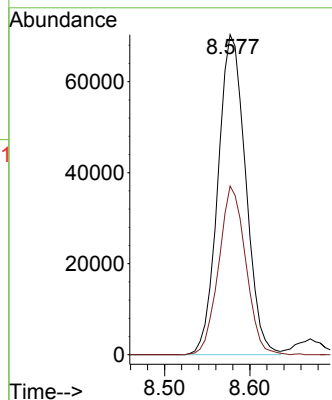
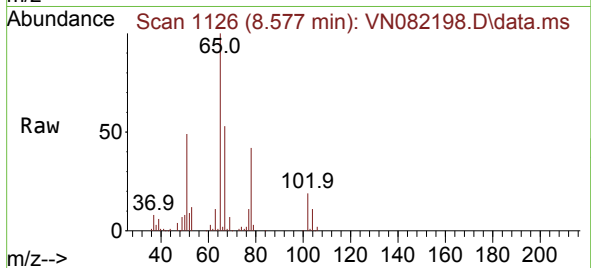
VSTDCCC050EC

Tgt Ion: 65 Resp: 158766

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

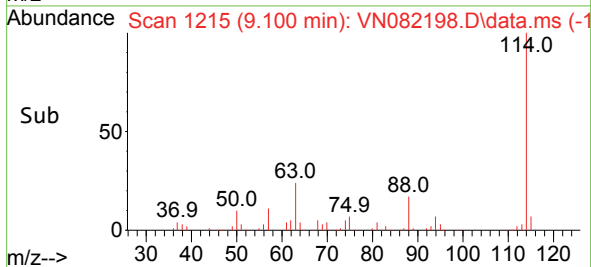
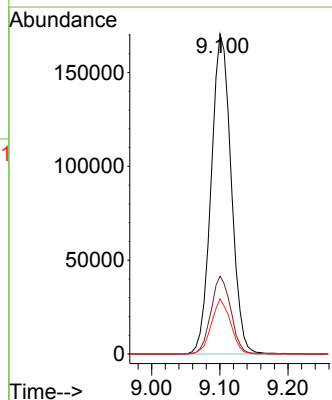
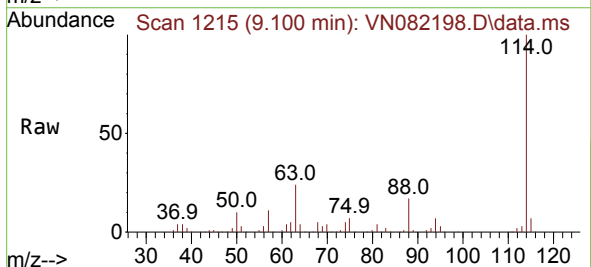
Tgt Ion: 114 Resp: 347785

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 17.2 0.0 31.4

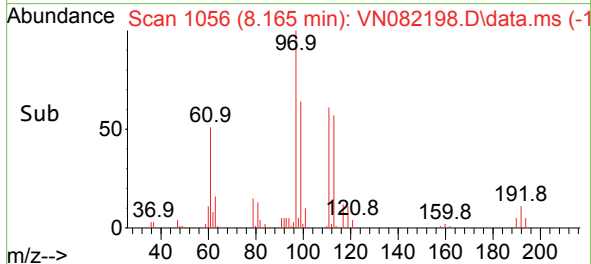
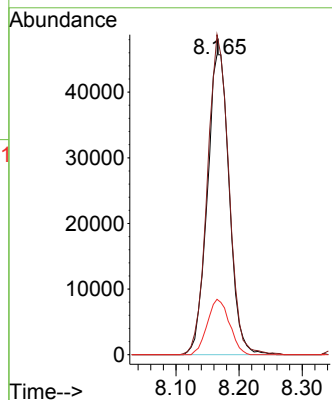
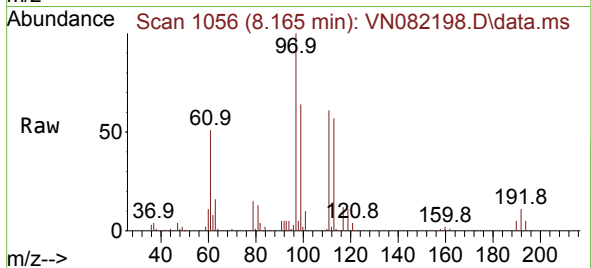




#35
Dibromofluoromethane
Concen: 51.791 ug/l
RT: 8.165 min Scan# 110802
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

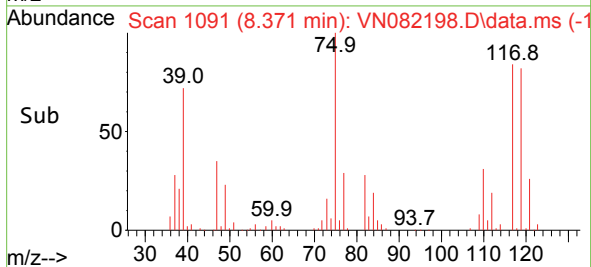
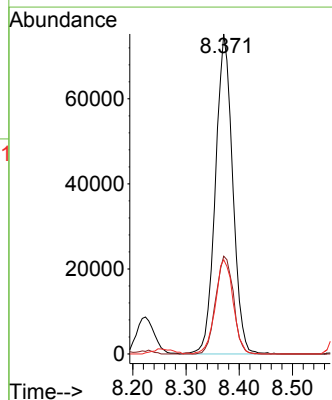
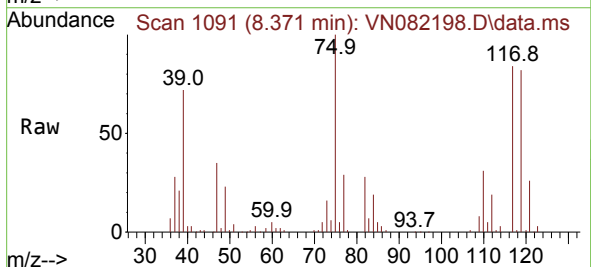
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 110802
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 47.145 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 75 Resp: 169164
Ion Ratio Lower Upper
75 100
110 31.4 17.8 53.5
77 30.5 25.0 37.4

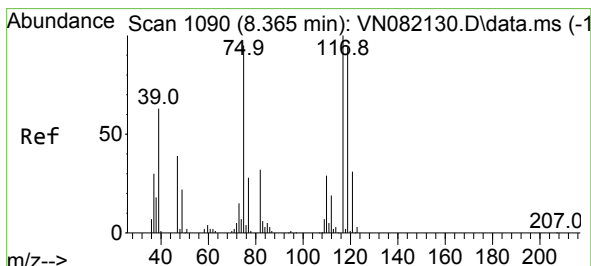
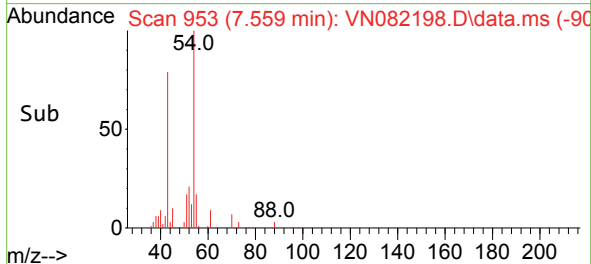
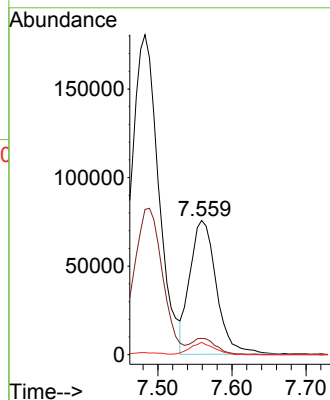
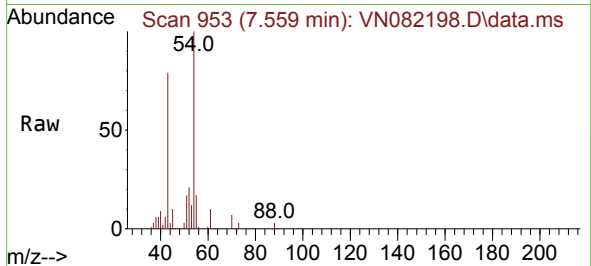




#37
Ethyl Acetate
Concen: 46.668 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

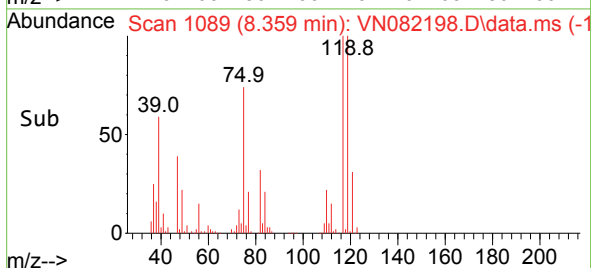
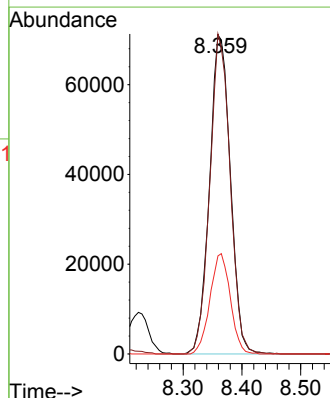
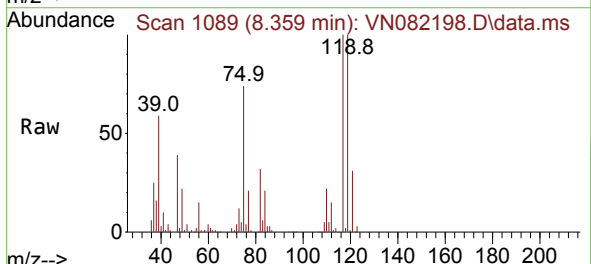
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

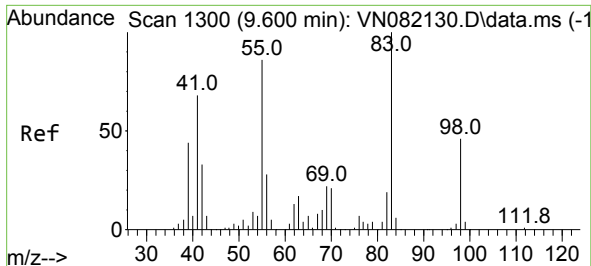
Tgt Ion: 43 Resp: 187398
Ion Ratio Lower Upper
43 100
61 11.9 11.3 16.9
70 8.3 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 48.250 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 117 Resp: 175500
Ion Ratio Lower Upper
117 100
119 100.3 76.5 114.7
121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 48.744 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

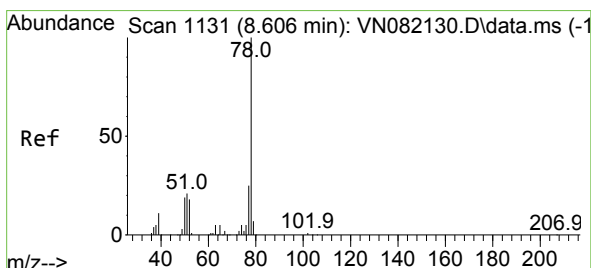
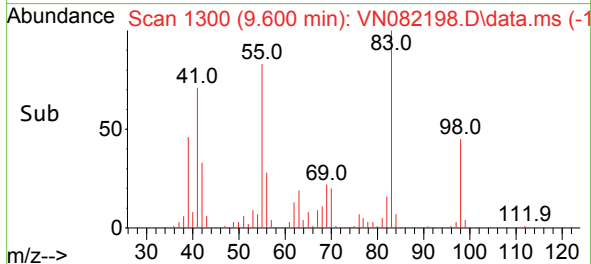
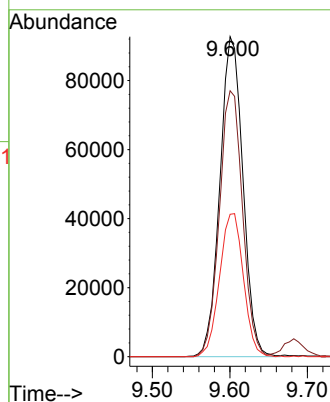
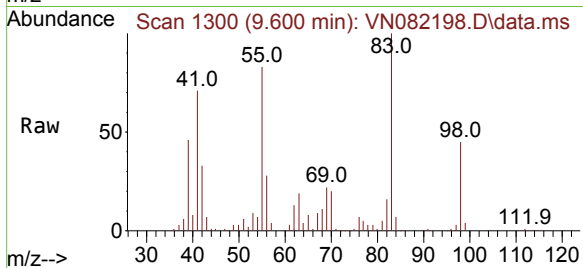
Tgt Ion: 83 Resp: 191714

Ion Ratio Lower Upper

83 100

55 83.1 53.0 79.6#

98 44.5 37.1 55.7



#40

Benzene

Concen: 48.687 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082198.D

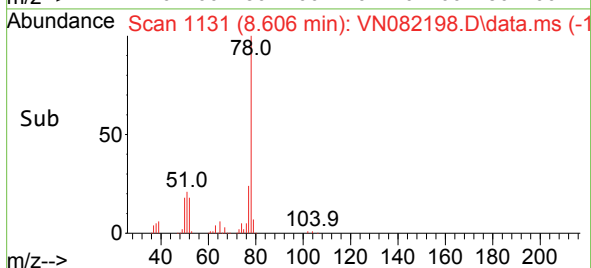
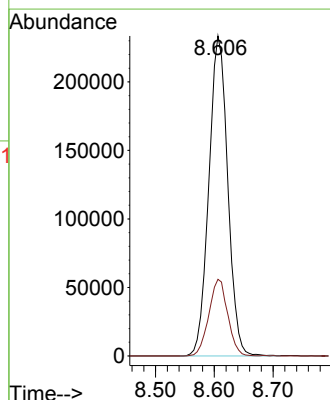
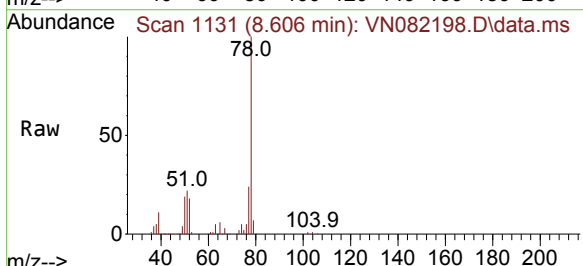
Acq: 17 May 2024 22:58

Tgt Ion: 78 Resp: 520939

Ion Ratio Lower Upper

78 100

77 24.0 20.0 30.0

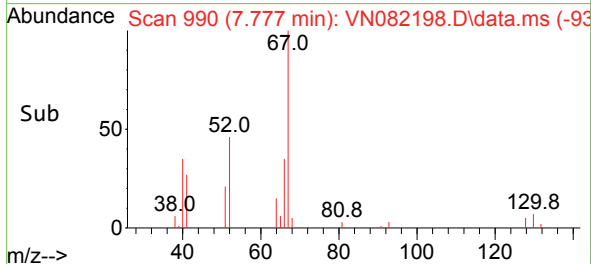
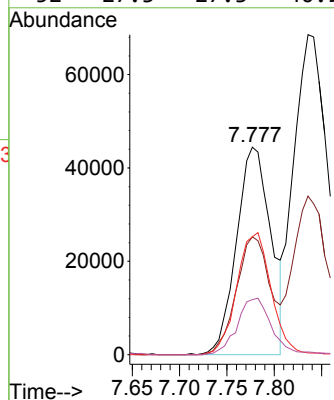
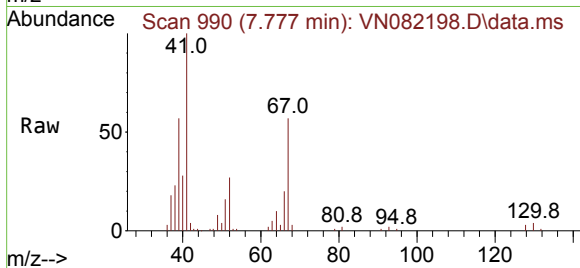




#41
Methacrylonitrile
Concen: 47.539 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

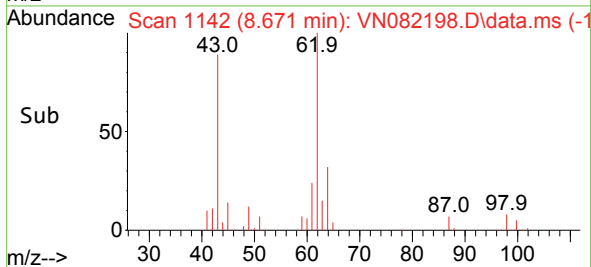
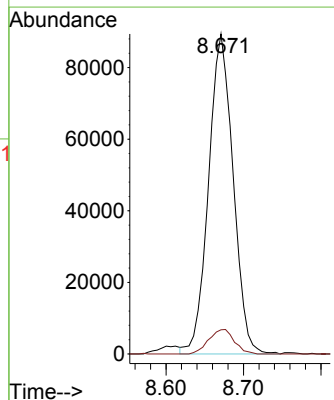
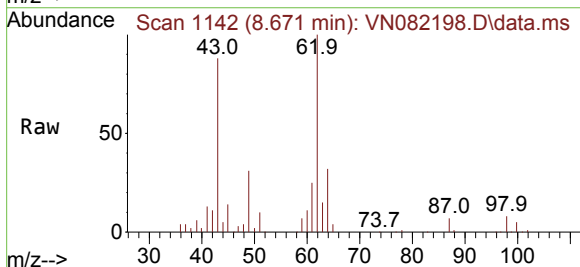
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	112267
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	58.9	67.3	100.9
52	27.3	27.3	40.9



#42
1,2-Dichloroethane
Concen: 47.855 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:	62	Resp:	196932
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.6

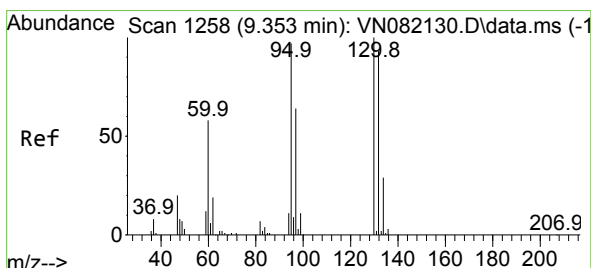
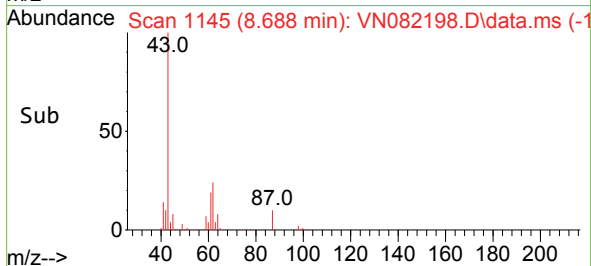
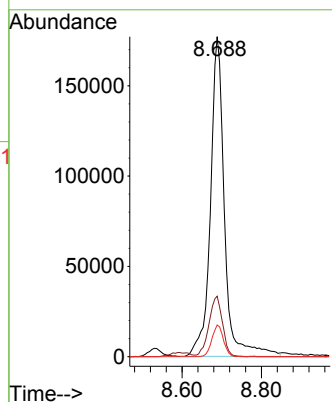
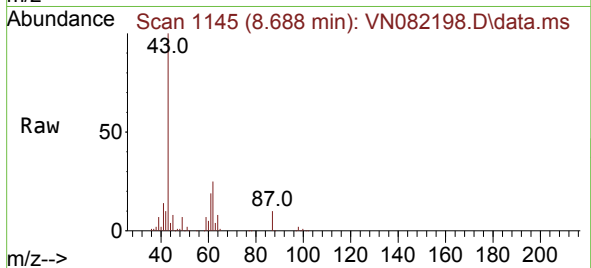




#43
Isopropyl Acetate
Concen: 61.033 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

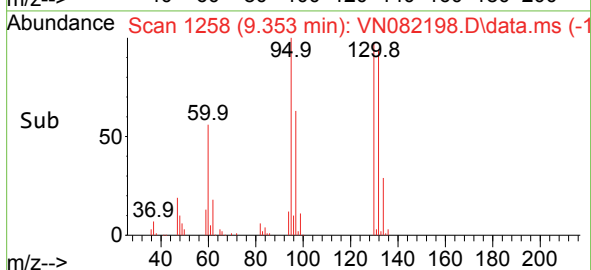
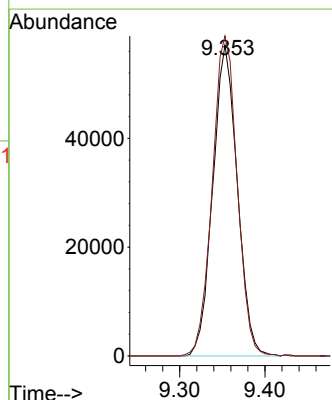
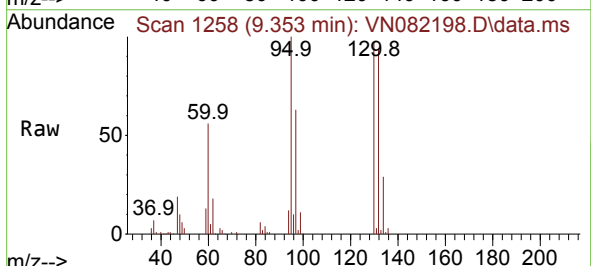
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

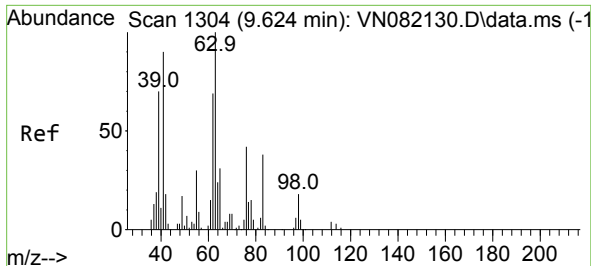
Tgt Ion: 43 Resp: 434267
Ion Ratio Lower Upper
43 100
61 18.3 22.8 34.2#
87 8.1 12.0 18.0#



#44
Trichloroethene
Concen: 46.915 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:130 Resp: 114029
Ion Ratio Lower Upper
130 100
95 102.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.362 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

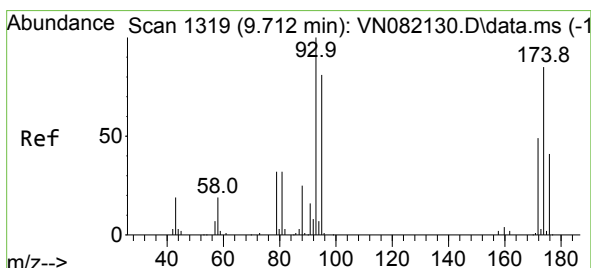
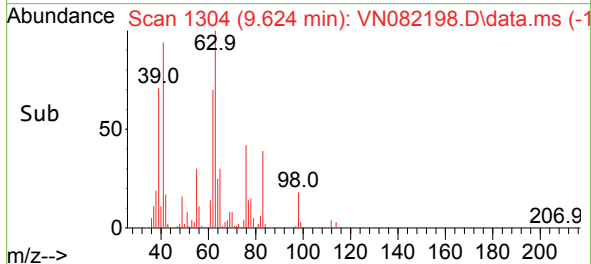
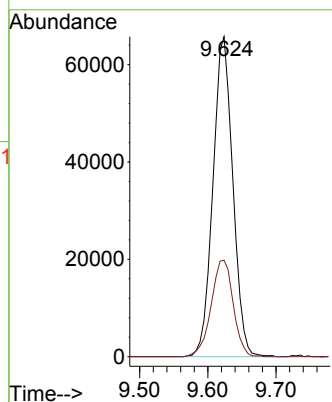
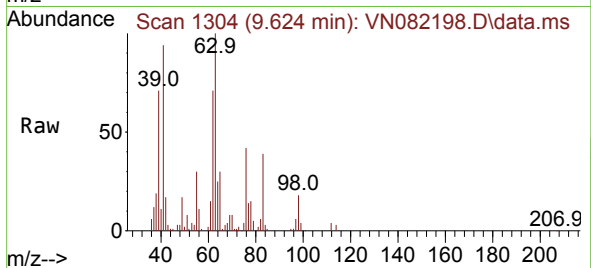
VSTDCCC050EC

Tgt Ion: 63 Resp: 133513

Ion Ratio Lower Upper

63 100

65 30.2 24.1 36.1



#46

Dibromomethane

Concen: 47.159 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

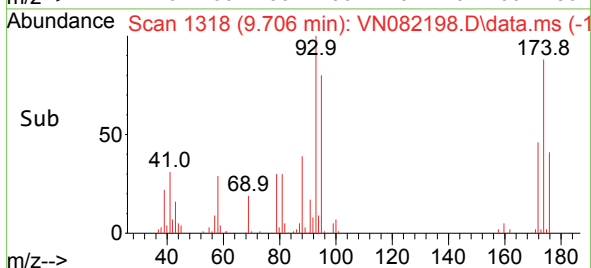
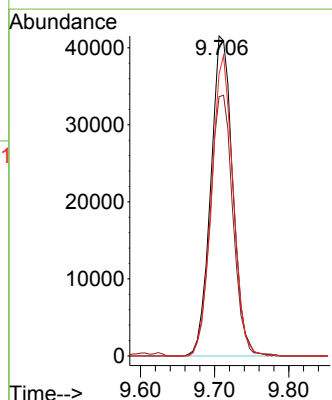
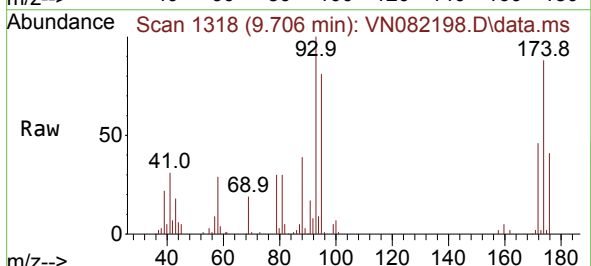
Tgt Ion: 93 Resp: 85474

Ion Ratio Lower Upper

93 100

95 83.9 64.8 97.2

174 91.6 73.4 110.0

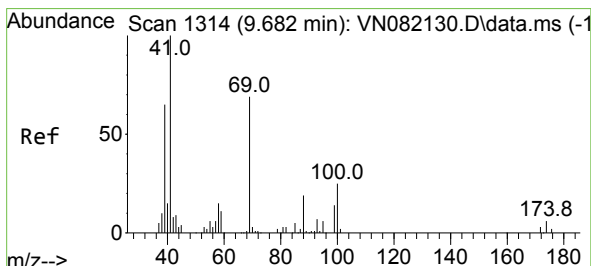
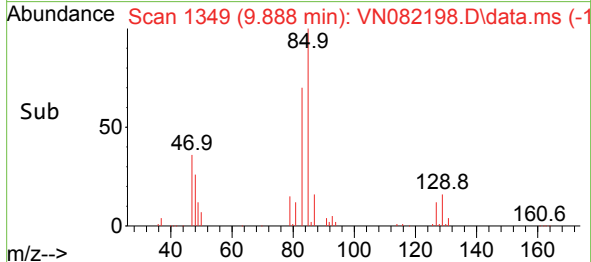
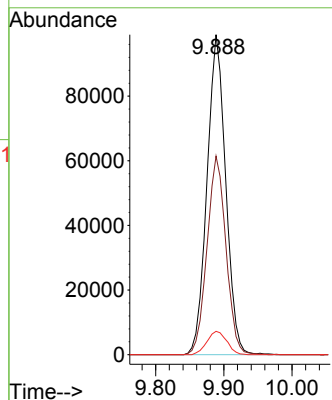
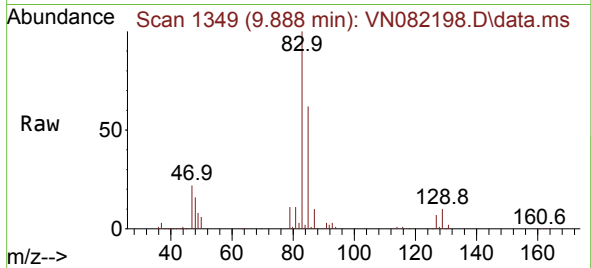




#47
Bromodichloromethane
Concen: 49.402 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

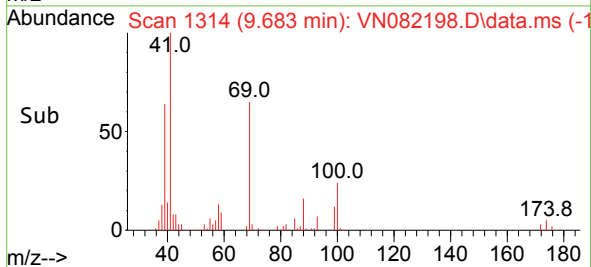
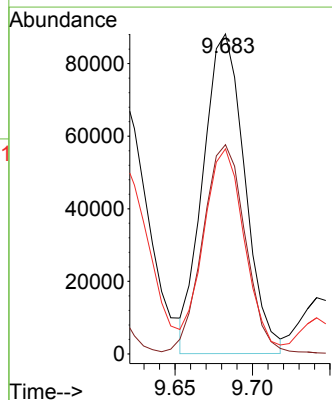
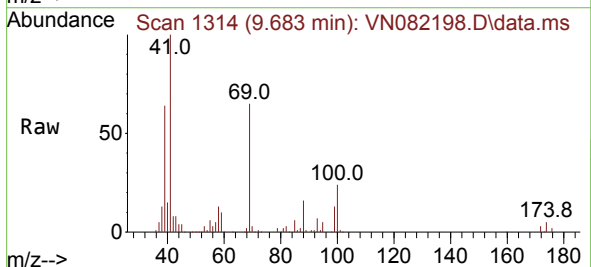
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

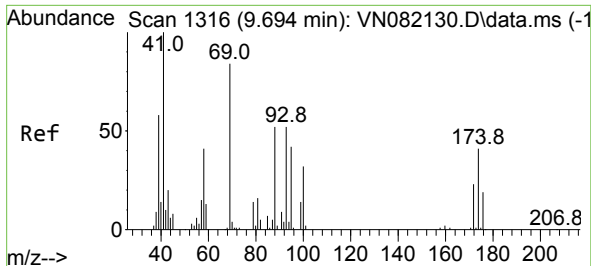
Tgt Ion: 83 Resp: 189025
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9
127 7.3 7.5 11.3#



#48
Methyl methacrylate
Concen: 48.660 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 41 Resp: 164979
Ion Ratio Lower Upper
41 100
69 67.5 77.9 116.9#
39 63.4 50.9 76.3





#49

1,4-Dioxane

Concen: 973.660 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

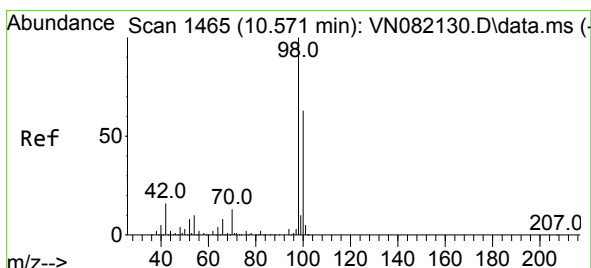
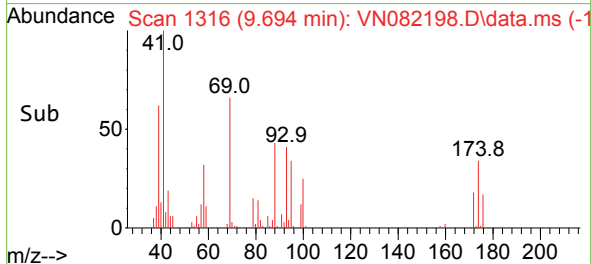
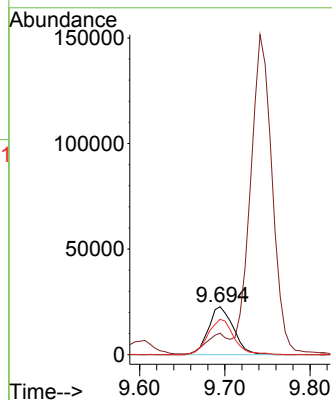
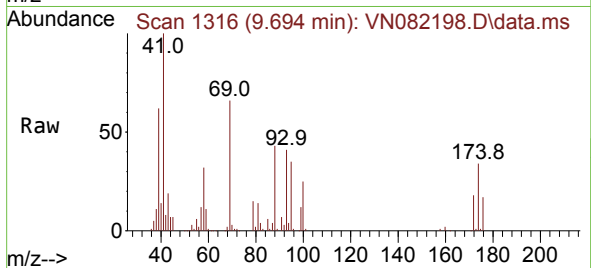
Tgt Ion: 88 Resp: 46258

Ion Ratio Lower Upper

88 100

43 38.3 19.0 28.6#

58 76.7 50.6 76.0#



#50

Toluene-d8

Concen: 51.555 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082198.D

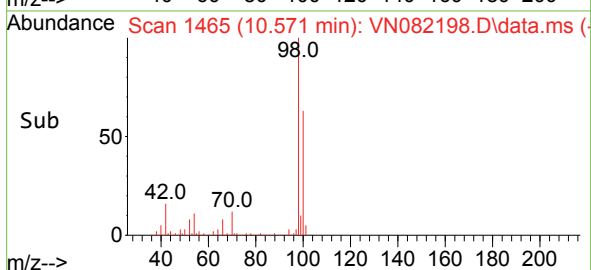
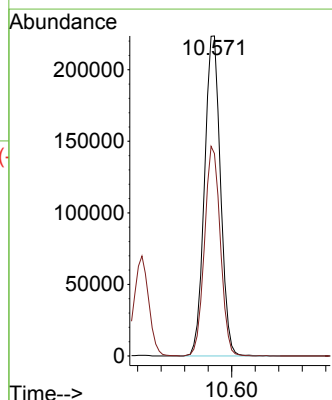
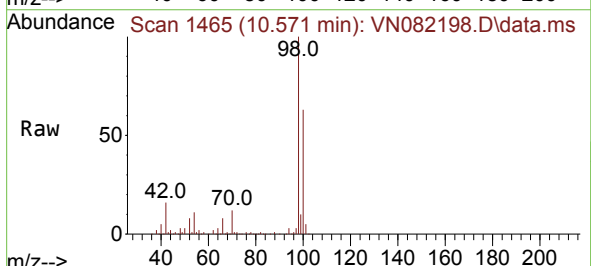
Acq: 17 May 2024 22:58

Tgt Ion: 98 Resp: 422875

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

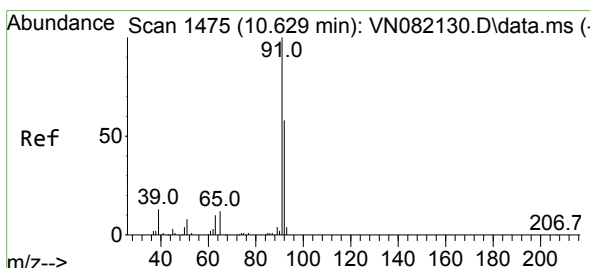
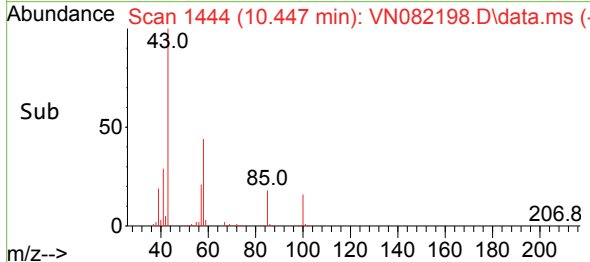
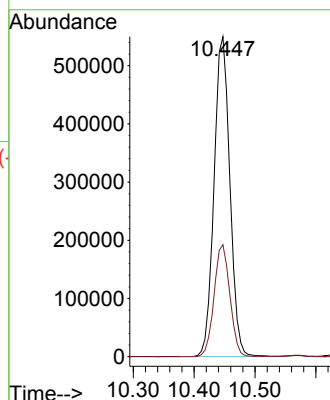
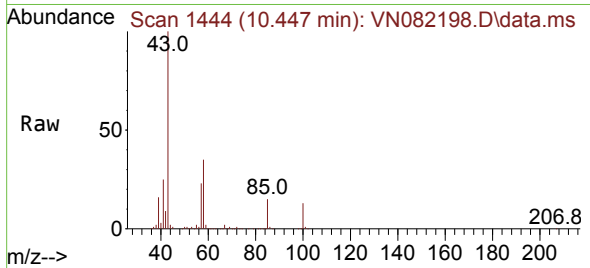




#51
4-Methyl-2-Pentanone
Concen: 245.237 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

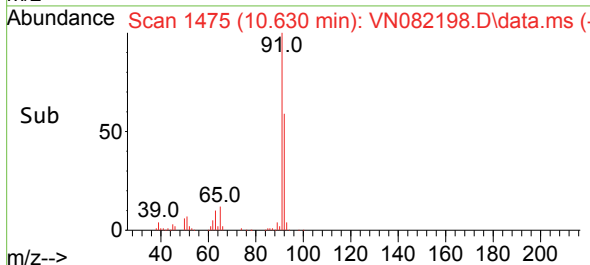
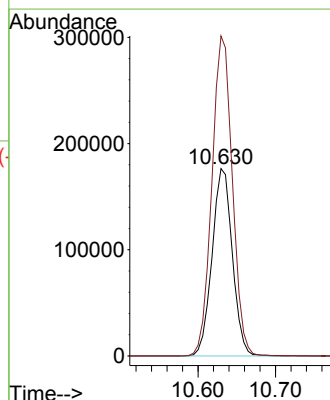
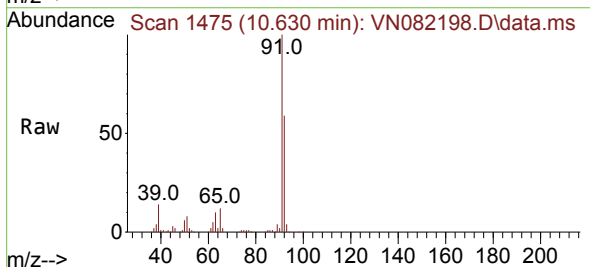
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

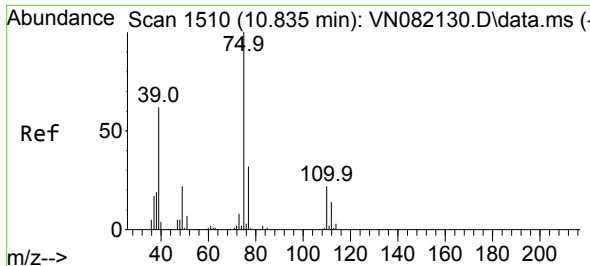
Tgt Ion: 43 Resp: 991415
Ion Ratio Lower Upper
43 100
58 35.0 33.2 49.8



#52
Toluene
Concen: 49.974 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 92 Resp: 320883
Ion Ratio Lower Upper
92 100
91 172.7 136.7 205.1

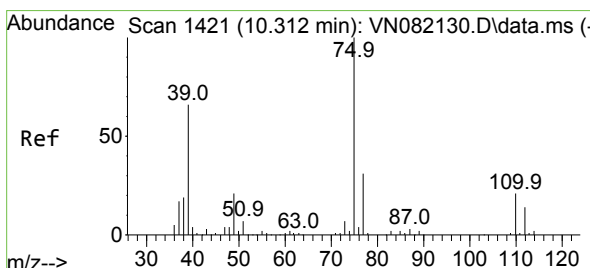
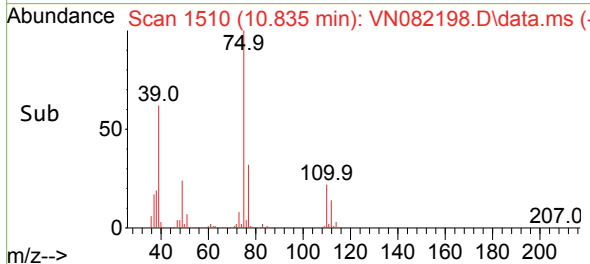
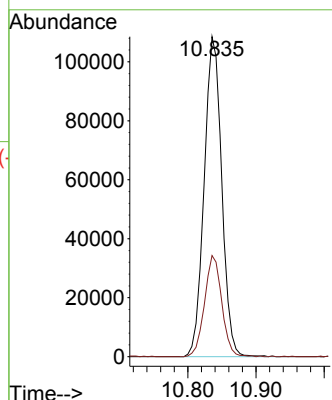
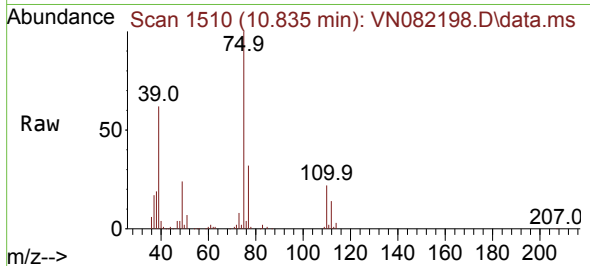




#53
 t-1,3-Dichloropropene
 Concen: 49.105 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

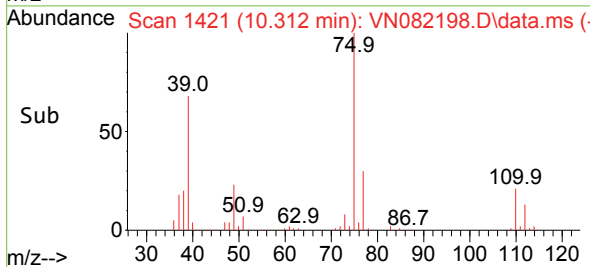
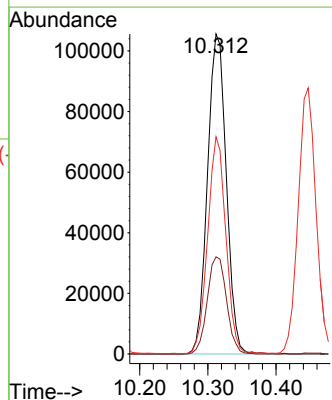
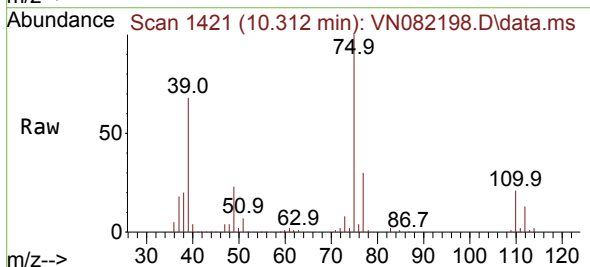
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

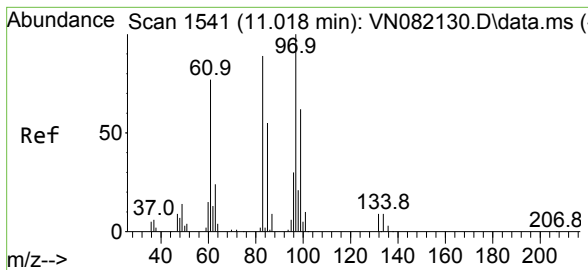
Tgt Ion: 75 Resp: 194321
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.365 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

Tgt Ion: 75 Resp: 202592
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4
 39 67.9 34.8 52.2#

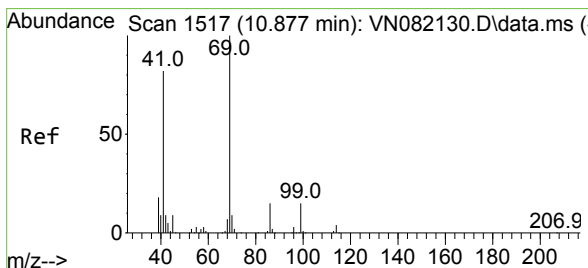
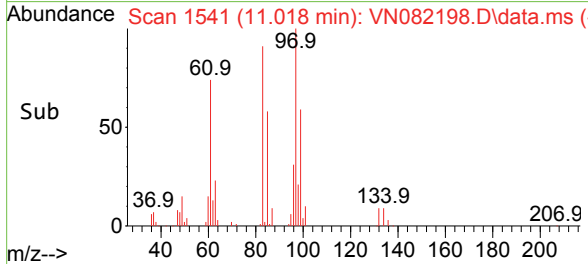
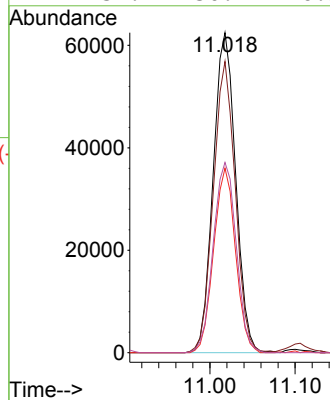
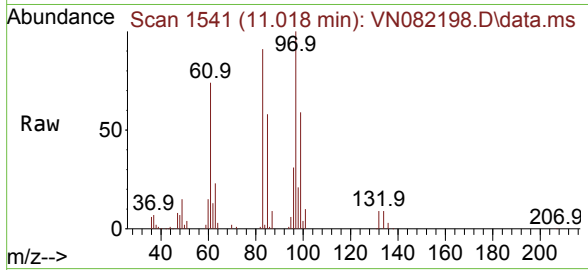




#55
1,1,2-Trichloroethane
Concen: 48.983 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

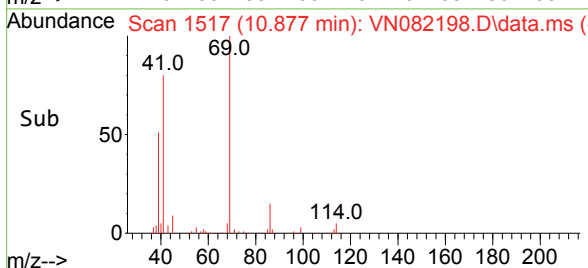
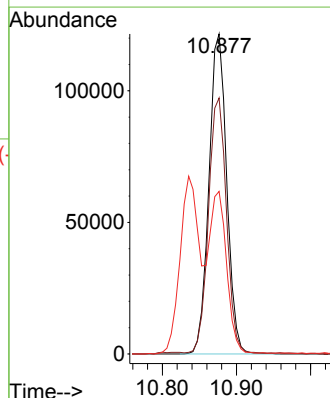
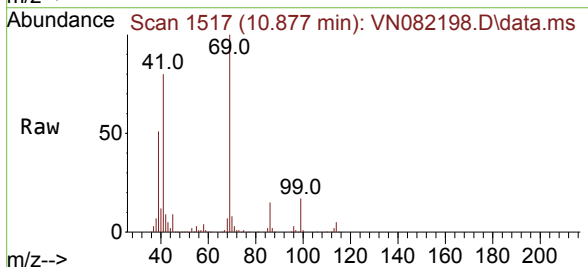
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

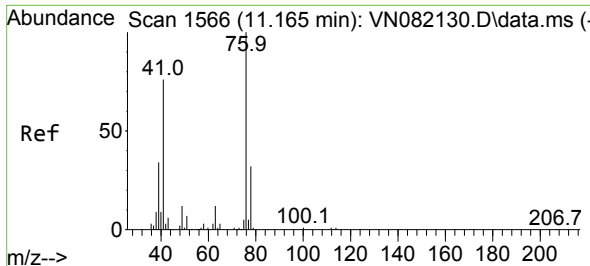
Tgt Ion:	97	Resp:	114298
Ion	Ratio	Lower	Upper
97	100		
83	91.0	70.4	105.6
85	57.7	45.6	68.4
99	59.4	50.9	76.3



#56
Ethyl methacrylate
Concen: 51.083 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:	69	Resp:	202374
Ion	Ratio	Lower	Upper
69	100		
41	80.8	46.6	70.0#
39	46.2	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 48.279 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

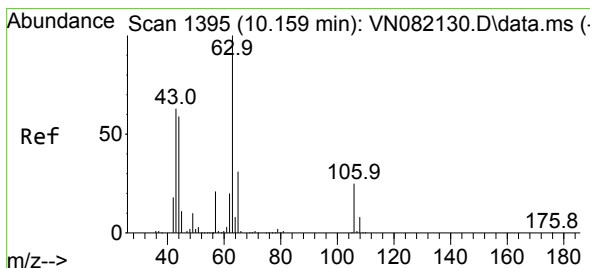
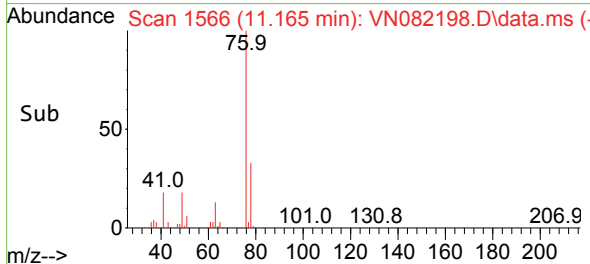
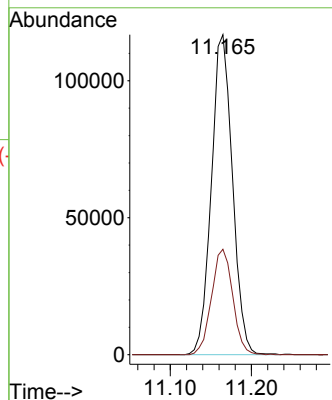
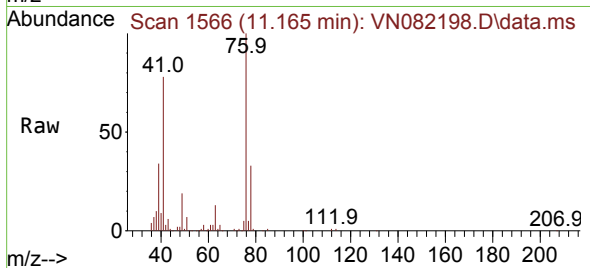
VSTDCCC050EC

Tgt Ion: 76 Resp: 210637

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.623 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082198.D

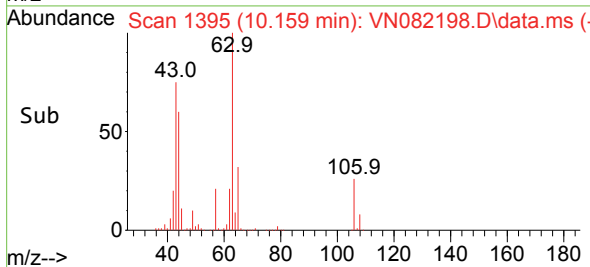
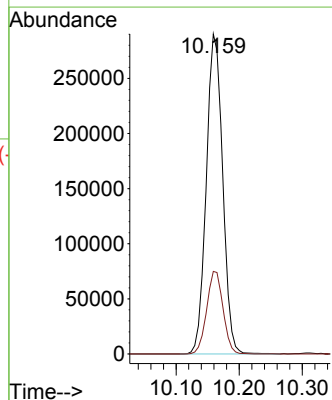
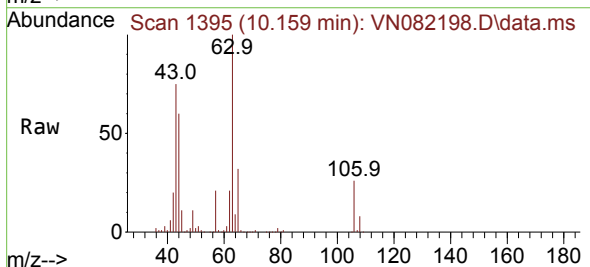
Acq: 17 May 2024 22:58

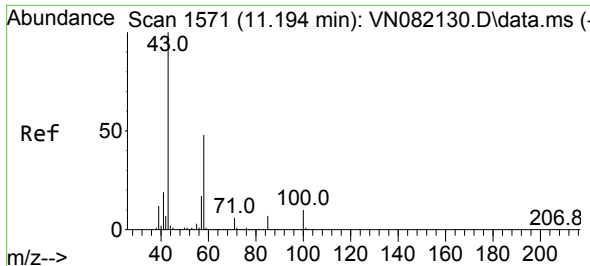
Tgt Ion: 63 Resp: 522356

Ion Ratio Lower Upper

63 100

106 25.7 24.6 36.8

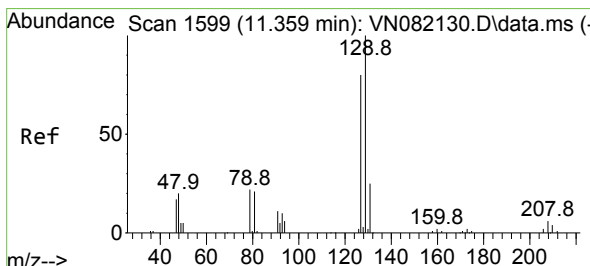
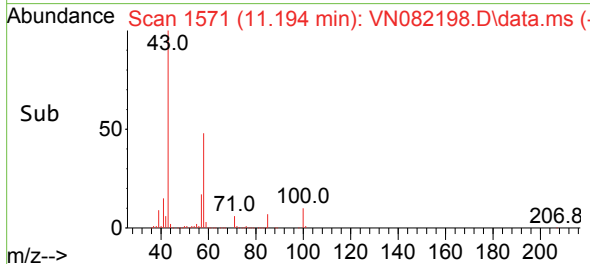
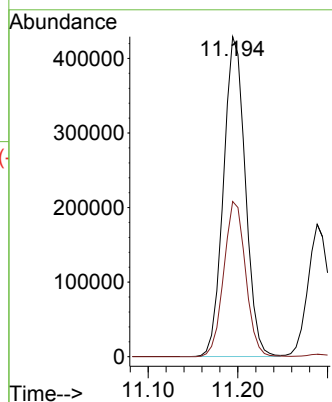
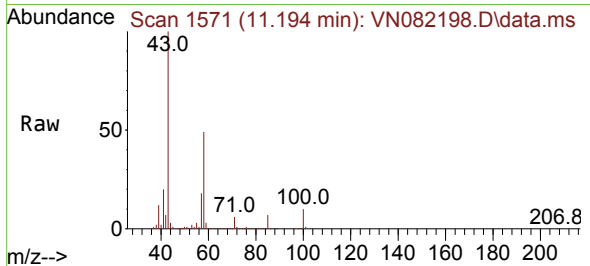




#59
2-Hexanone
Concen: 245.175 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

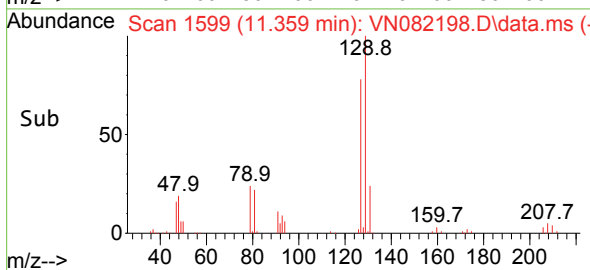
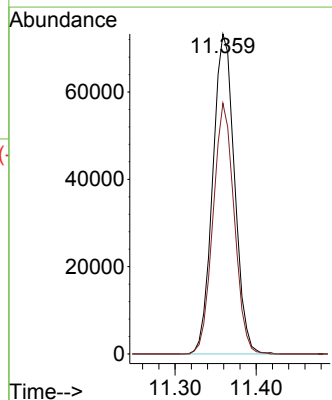
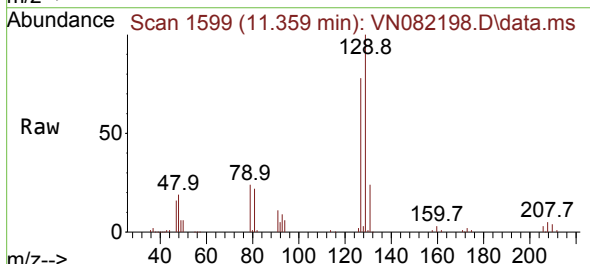
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

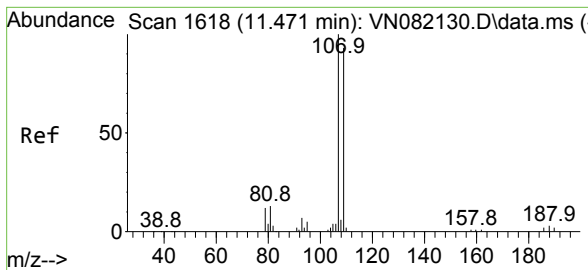
Tgt Ion: 43 Resp: 725737
Ion Ratio Lower Upper
43 100
58 48.5 28.3 84.9



#60
Dibromochloromethane
Concen: 52.995 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 129 Resp: 136468
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8

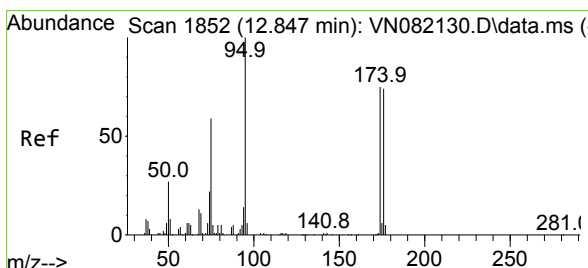
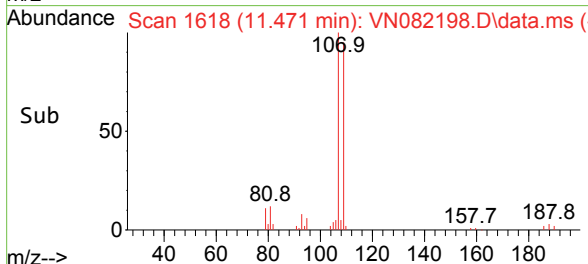
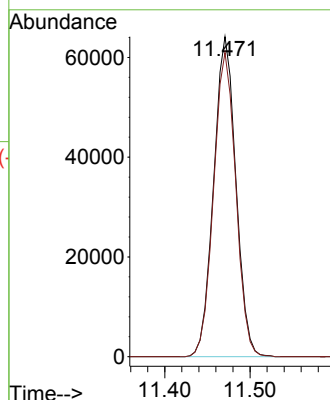
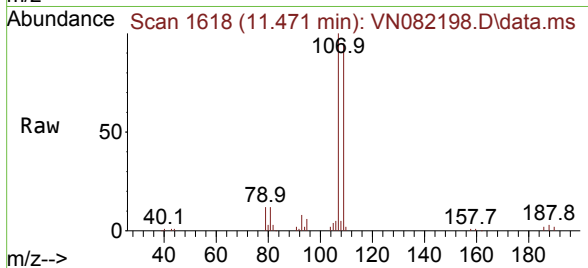




#61
1,2-Dibromoethane
Concen: 48.476 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

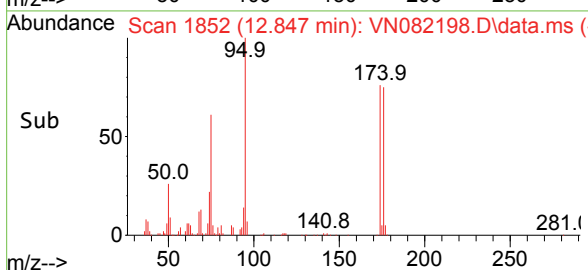
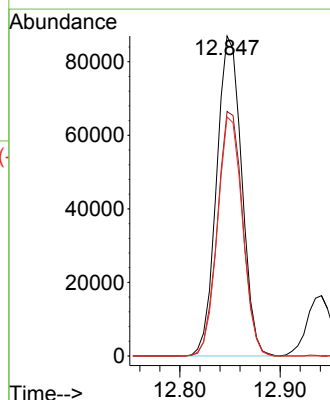
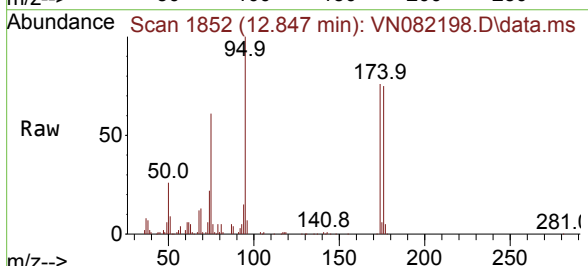
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

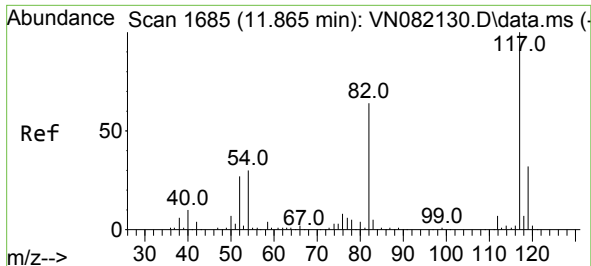
Tgt Ion:107 Resp: 116184
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 95 Resp: 151483
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 74.3 0.0 152.8

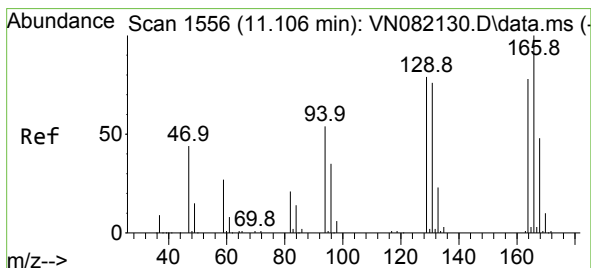
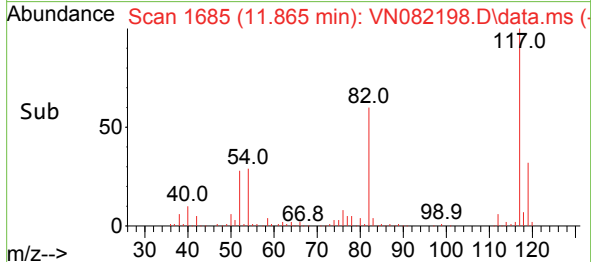
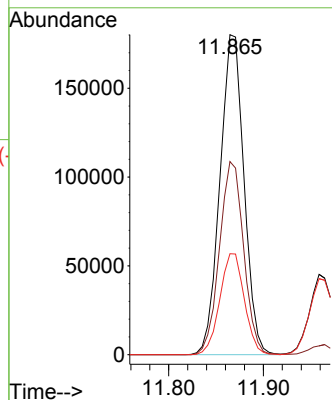
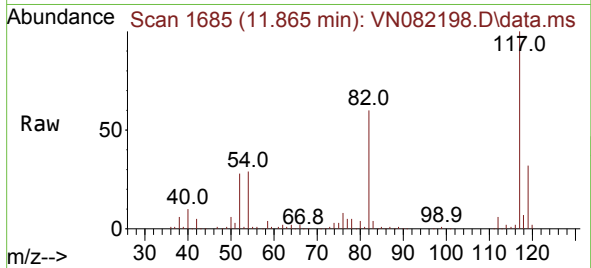




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

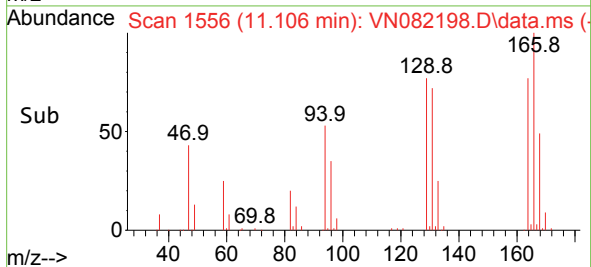
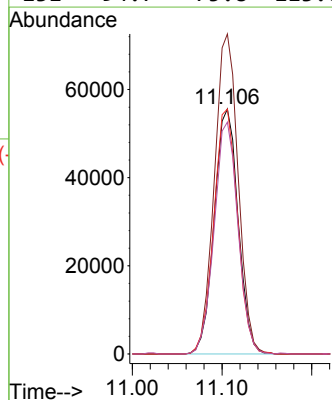
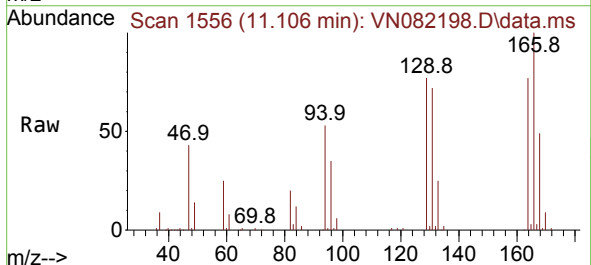
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

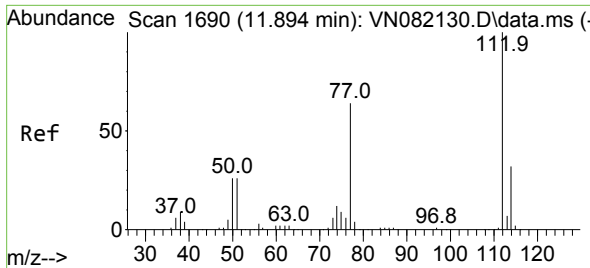
Tgt Ion:117 Resp: 318271
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 43.649 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:164 Resp: 102969
Ion Ratio Lower Upper
164 100
166 130.6 97.6 146.4
129 100.0 73.7 110.5
131 94.7 75.8 113.6

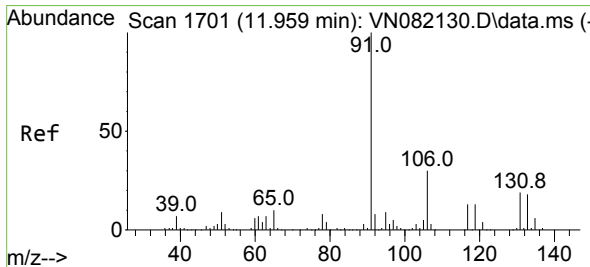
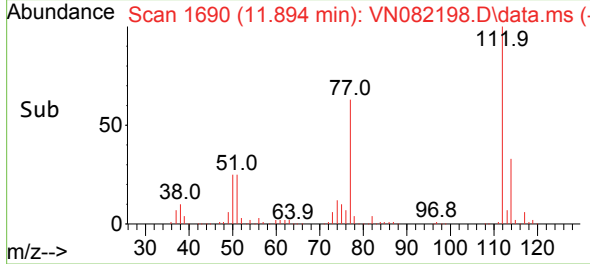
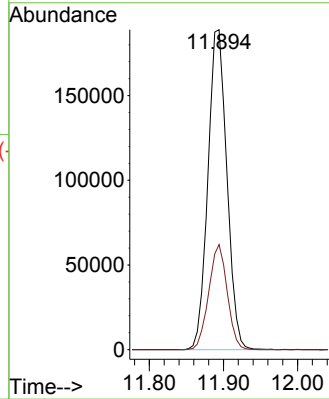
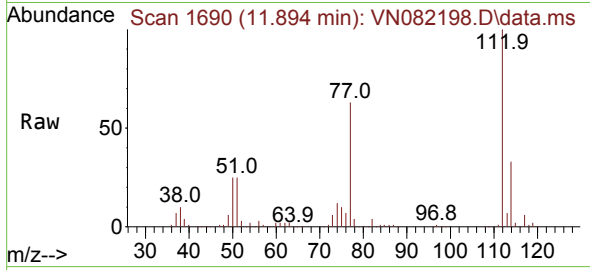




#65
Chlorobenzene
Concen: 47.738 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

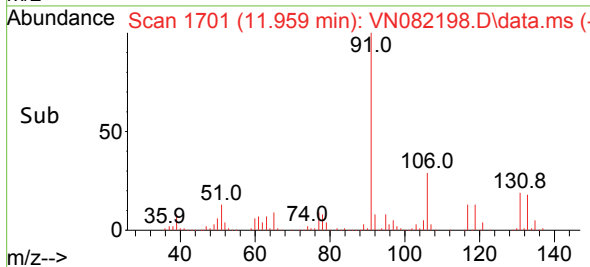
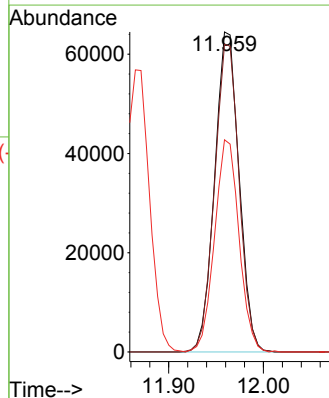
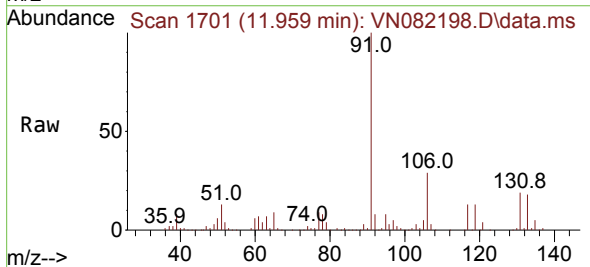
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

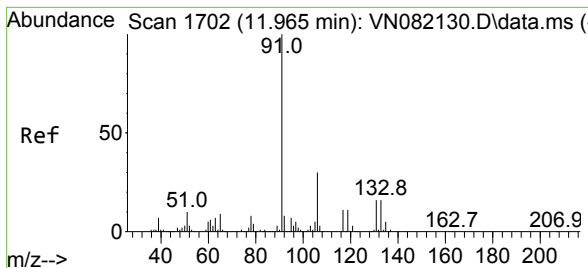
Tgt Ion:112 Resp: 335650
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.863 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:131 Resp: 115482
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 66.5 32.9 98.7





#67

Ethyl Benzene

Concen: 49.528 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

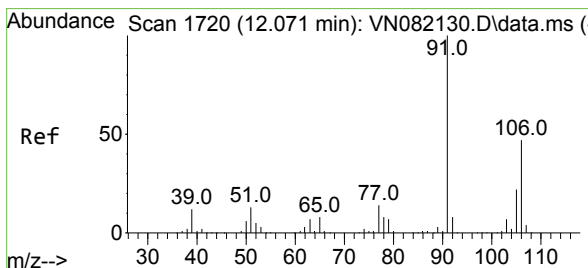
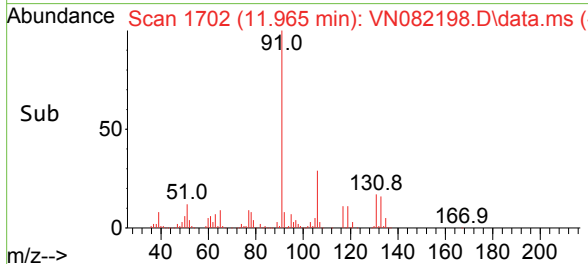
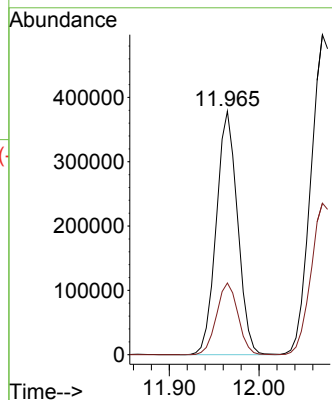
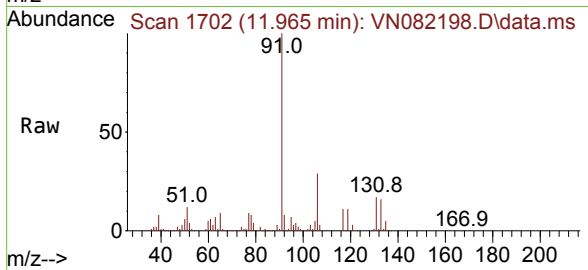
VSTDCCC050EC

Tgt Ion: 91 Resp: 622948

Ion Ratio Lower Upper

91 100

106 29.4 25.3 37.9



#68

m/p-Xylenes

Concen: 99.511 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082198.D

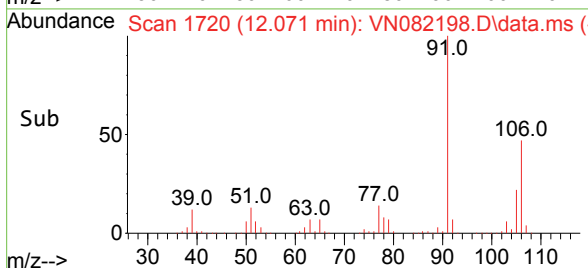
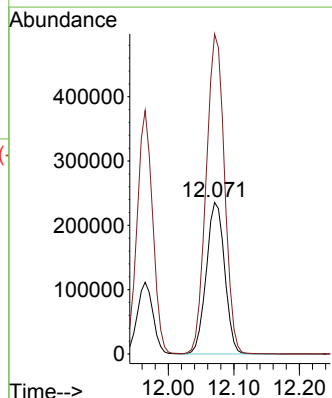
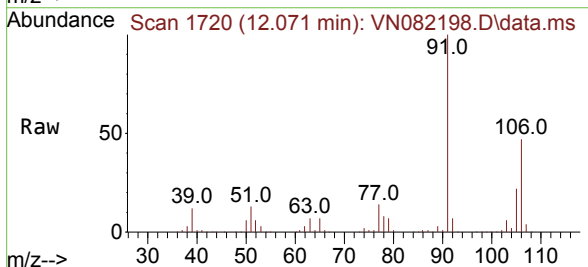
Acq: 17 May 2024 22:58

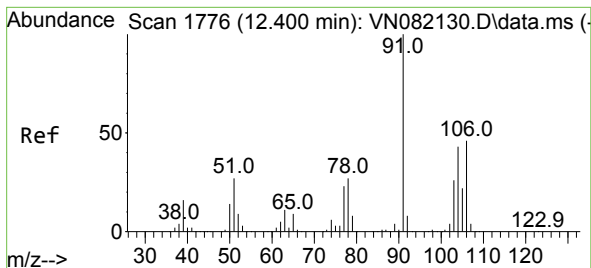
Tgt Ion: 106 Resp: 458721

Ion Ratio Lower Upper

106 100

91 211.1 159.4 239.0





#69

o-Xylene

Concen: 50.157 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

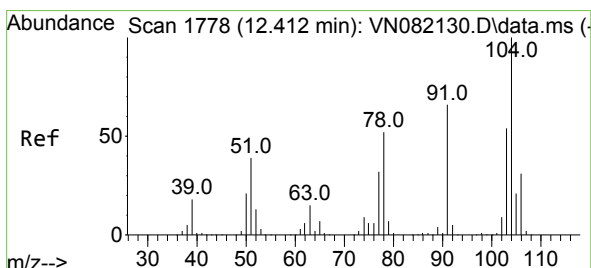
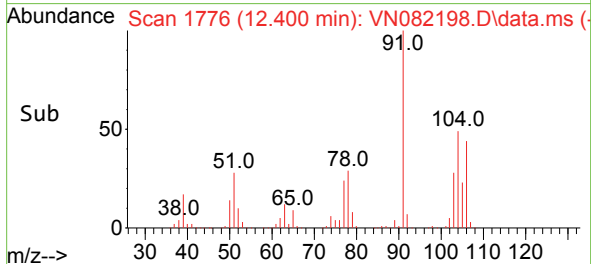
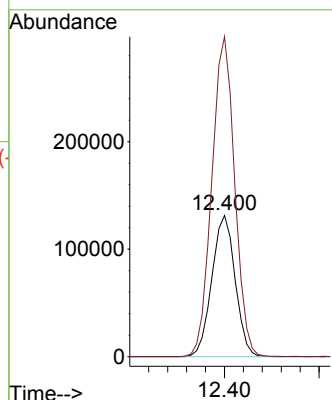
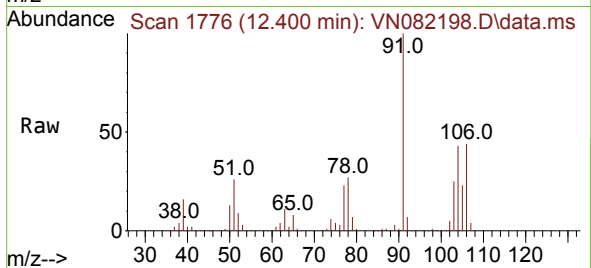
VSTDC050EC

Tgt Ion:106 Resp: 223968

Ion Ratio Lower Upper

106 100

91 223.0 104.7 314.1



#70

Styrene

Concen: 52.057 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

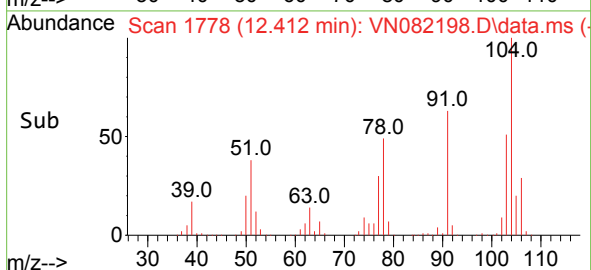
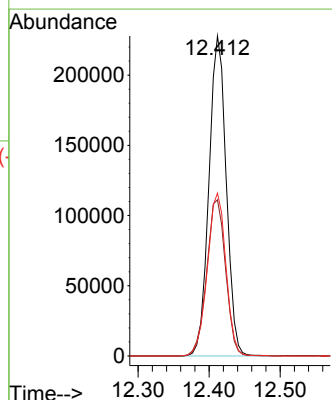
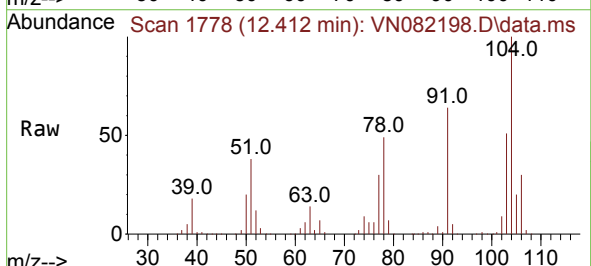
Tgt Ion:104 Resp: 386108

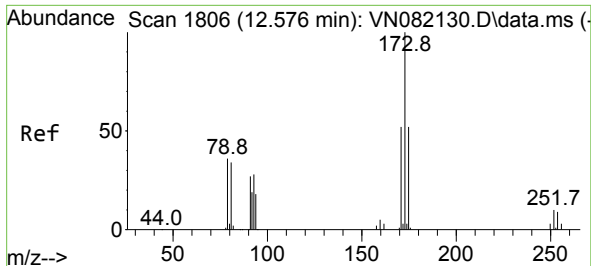
Ion Ratio Lower Upper

104 100

78 53.5 38.6 58.0

103 54.6 43.8 65.6

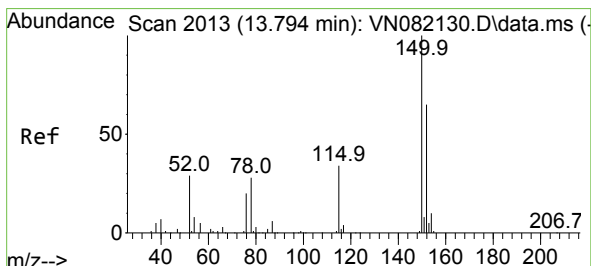
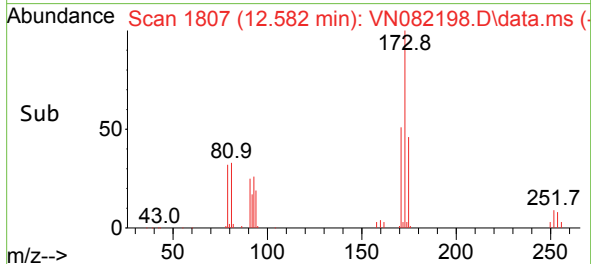
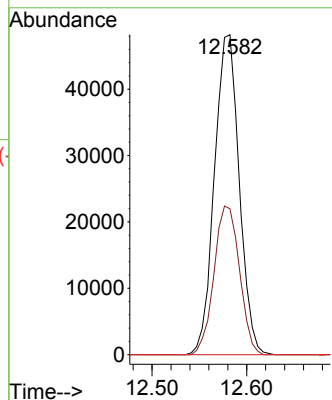
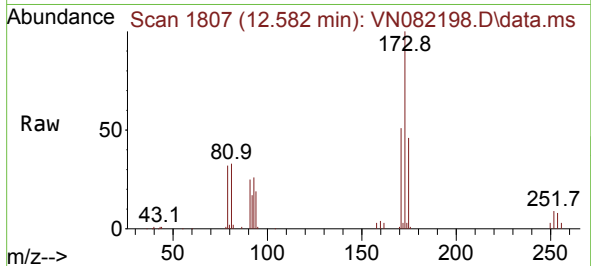




#71
Bromoform
Concen: 47.646 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

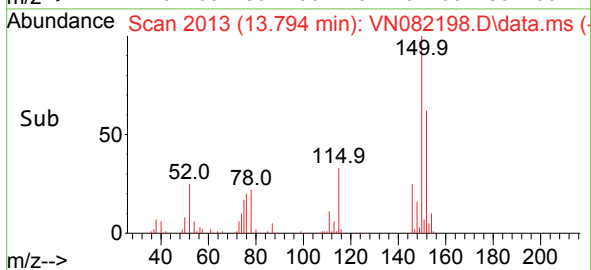
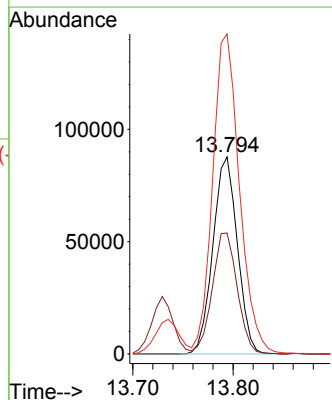
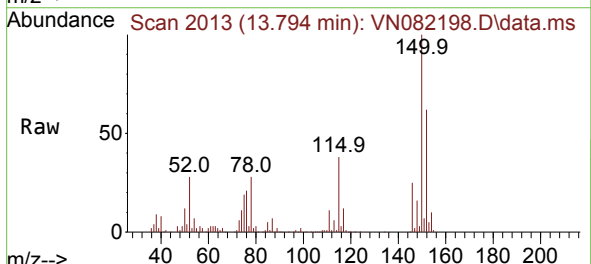
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

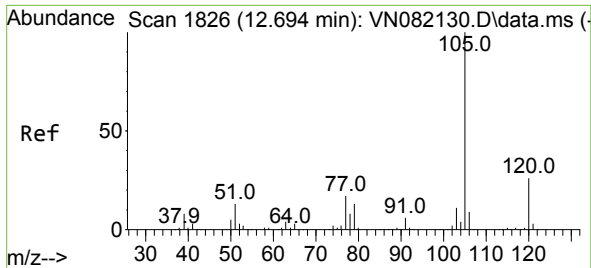
Tgt Ion:173 Resp: 87703
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:152 Resp: 148804
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 177.6 0.0 353.2

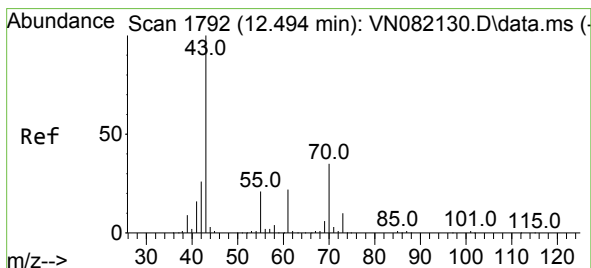
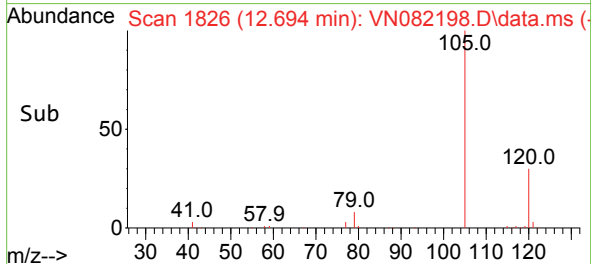
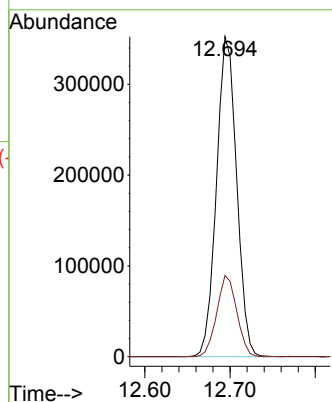
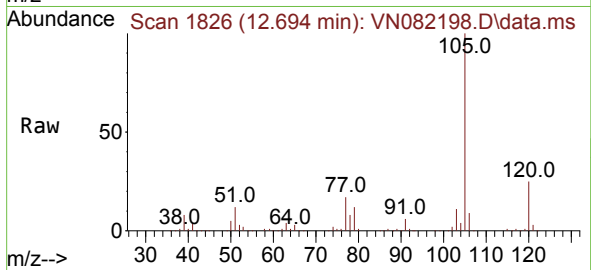




#73
Isopropylbenzene
Concen: 48.974 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

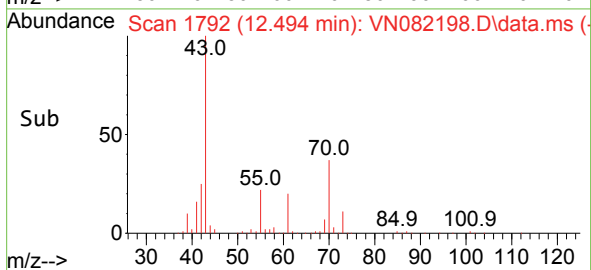
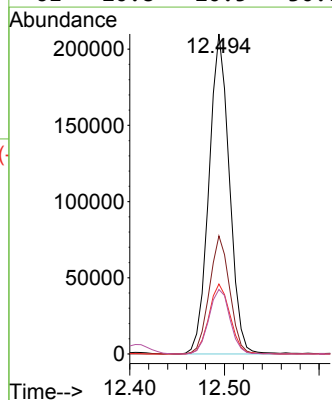
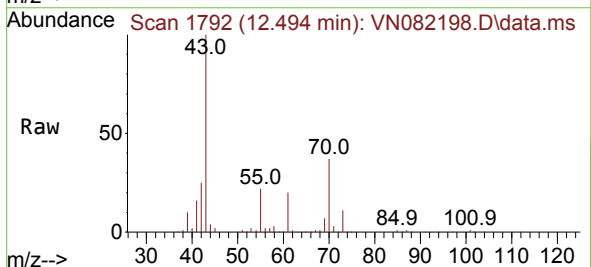
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

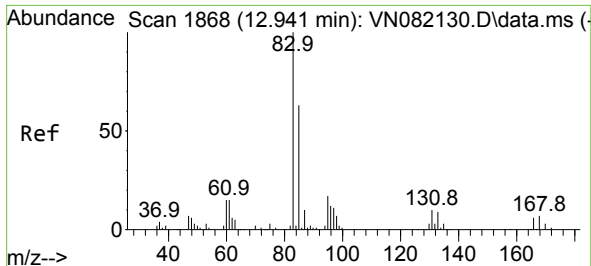
Tgt Ion:105 Resp: 578949
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1



#74
N-ethyl acetate
Concen: 48.329 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 43 Resp: 314265
Ion Ratio Lower Upper
43 100
70 36.7 39.0 58.4#
55 22.6 21.3 31.9
61 20.8 20.5 30.7

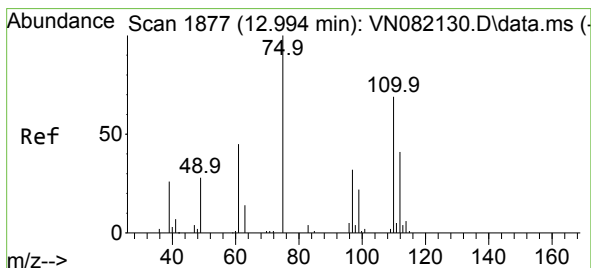
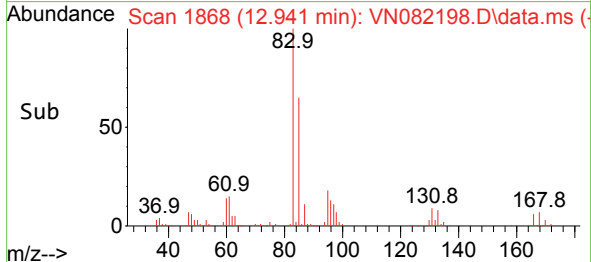
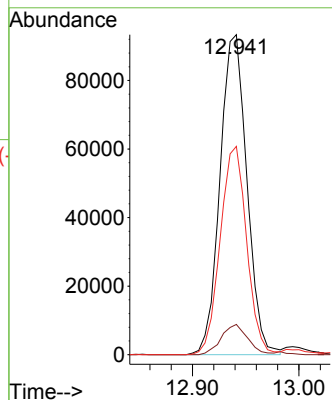
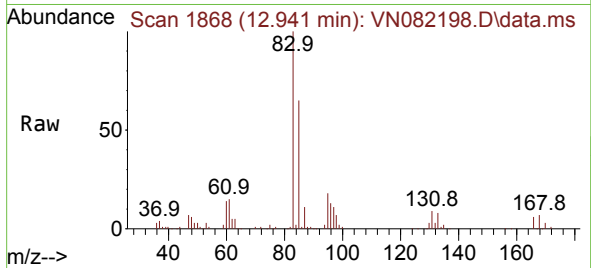




#75
1,1,2,2-Tetrachloroethane
Concen: 48.054 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

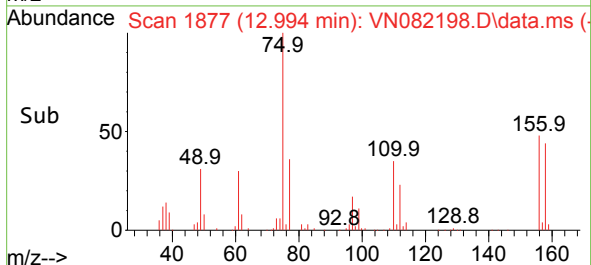
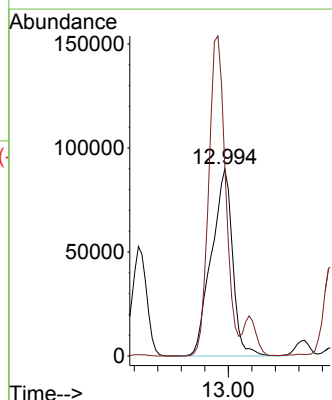
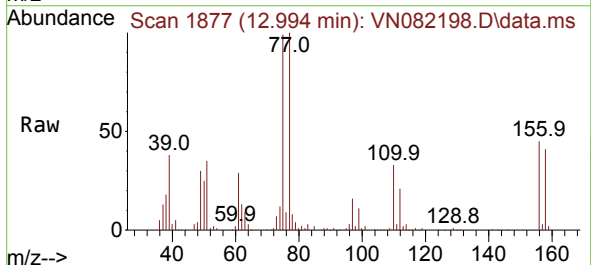
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 163755
Ion Ratio Lower Upper
83 100
131 9.3 5.5 16.4
85 64.0 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 71.699 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 75 Resp: 224560
Ion Ratio Lower Upper
75 100
77 136.2 90.5 271.3

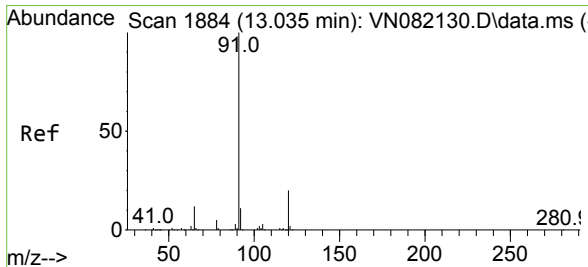
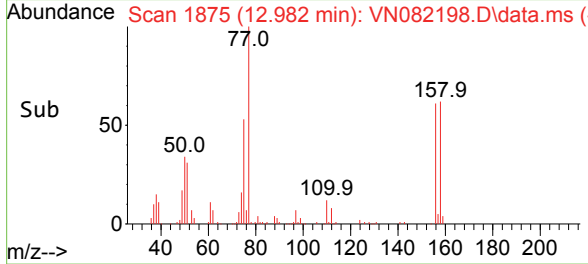
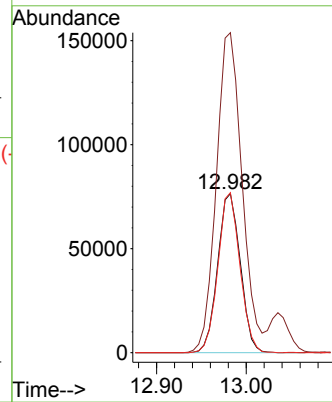
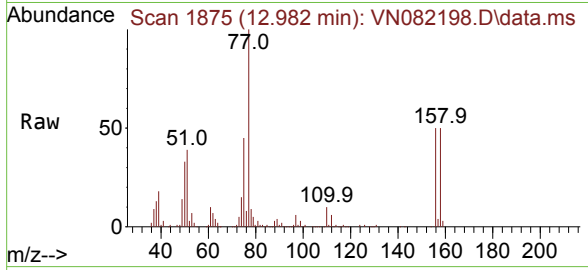




#77
Bromobenzene
Concen: 47.541 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

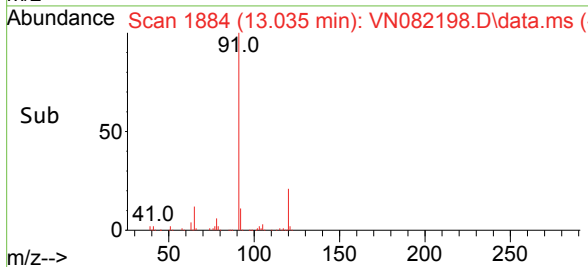
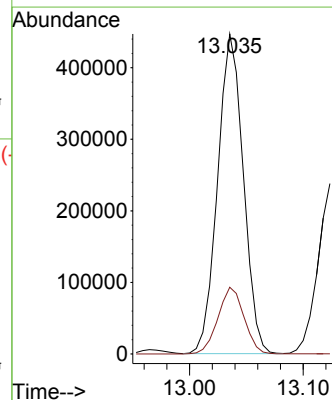
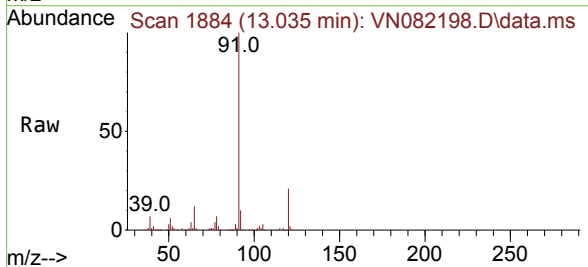
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

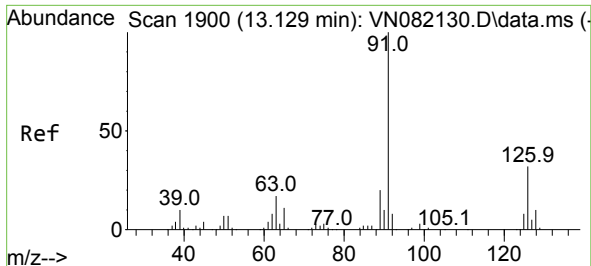
Tgt Ion:156 Resp: 133934
Ion Ratio Lower Upper
156 100
77 228.4 100.2 300.6
158 97.9 49.1 147.3



#78
n-propylbenzene
Concen: 50.162 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 91 Resp: 702206
Ion Ratio Lower Upper
91 100
120 21.1 11.7 35.0





#79

2-Chlorotoluene

Concen: 47.959 ug/l

RT: 13.123 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

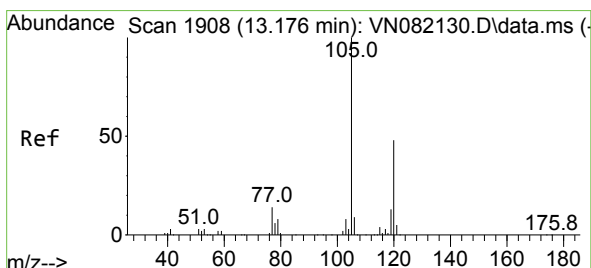
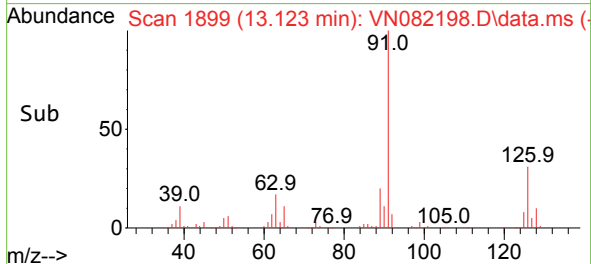
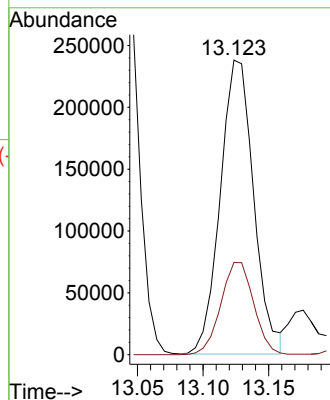
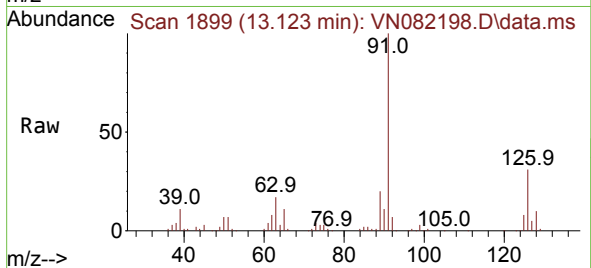
VSTDCCC050EC

Tgt Ion: 91 Resp: 421577

Ion Ratio Lower Upper

91 100

126 30.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.215 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082198.D

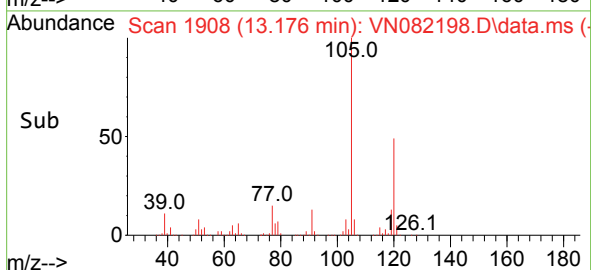
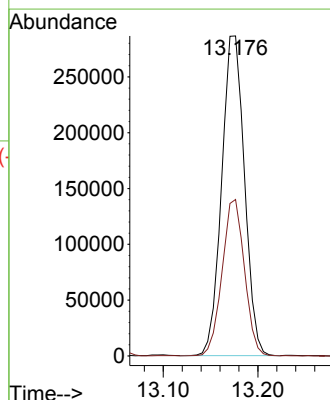
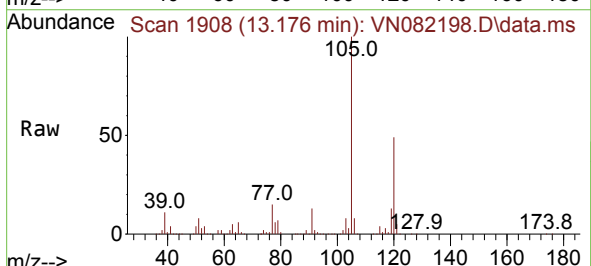
Acq: 17 May 2024 22:58

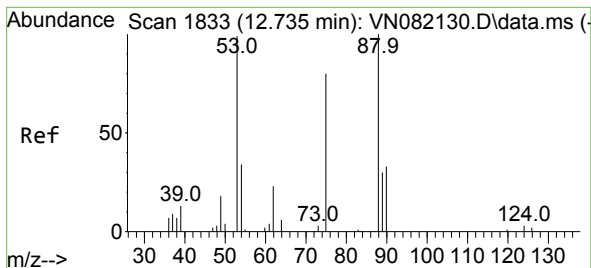
Tgt Ion:105 Resp: 479998

Ion Ratio Lower Upper

105 100

120 48.0 24.8 74.3

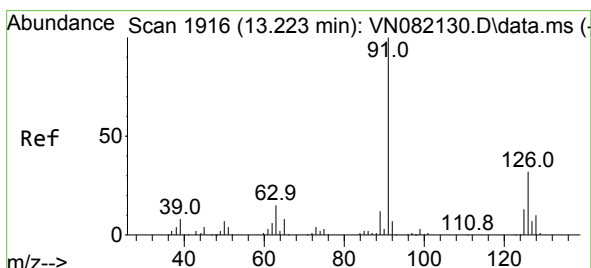
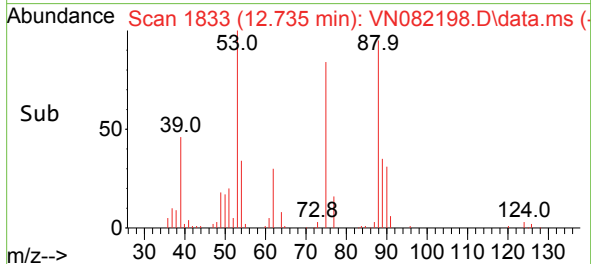
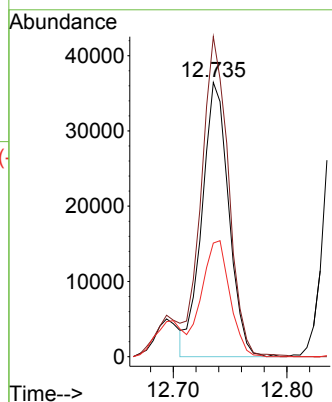
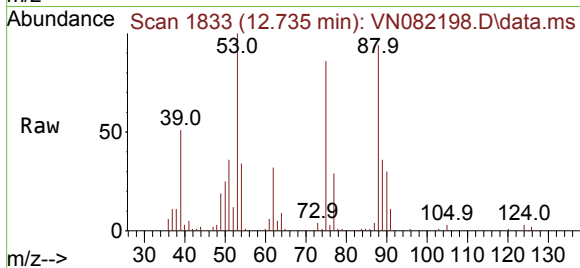




#81
trans-1,4-Dichloro-2-butene
Concen: 44.509 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

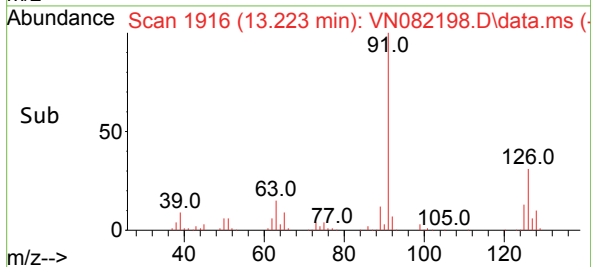
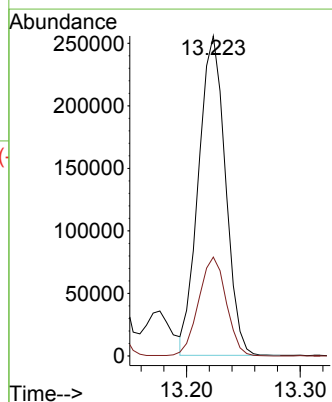
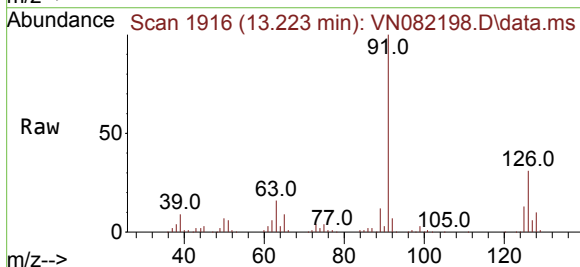
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

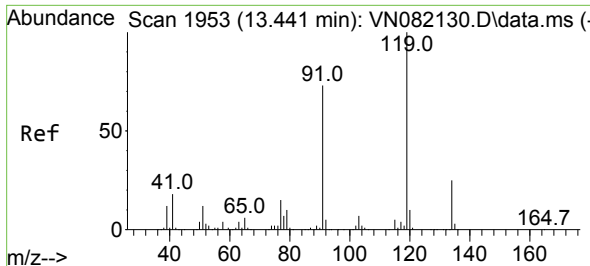
Tgt Ion: 75 Resp: 59599
Ion Ratio Lower Upper
75 100
53 118.3 72.9 109.3#
89 44.2 39.1 58.7



#82
4-Chlorotoluene
Concen: 48.849 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 91 Resp: 419837
Ion Ratio Lower Upper
91 100
126 31.8 17.4 52.3

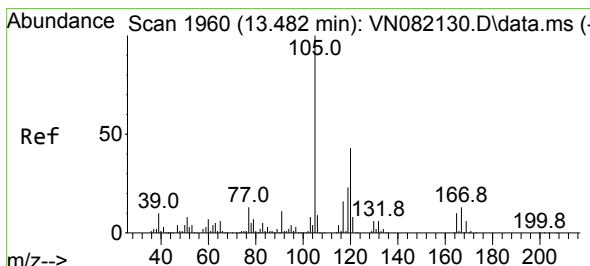
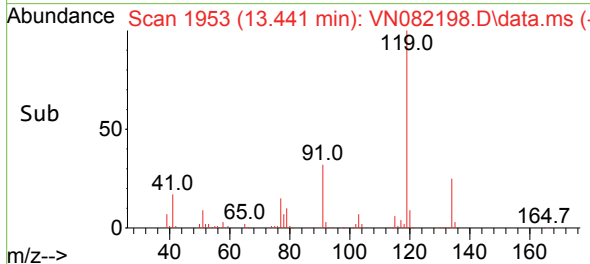
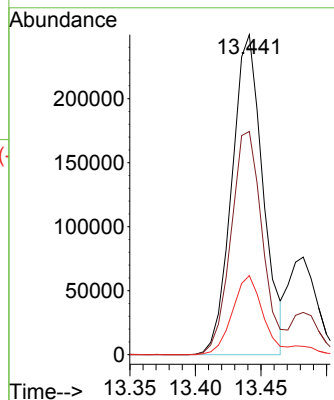
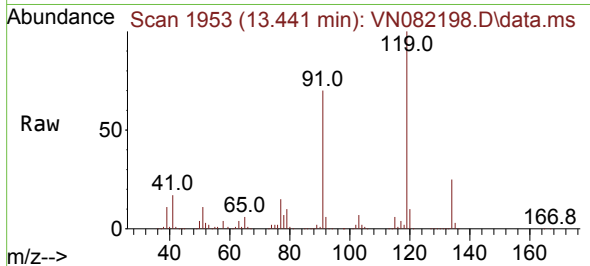




#83
 tert-Butylbenzene
 Concen: 49.443 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

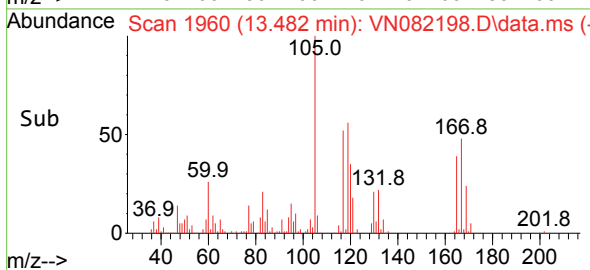
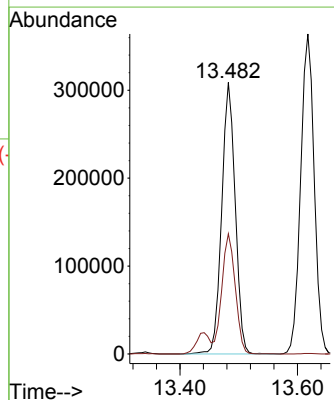
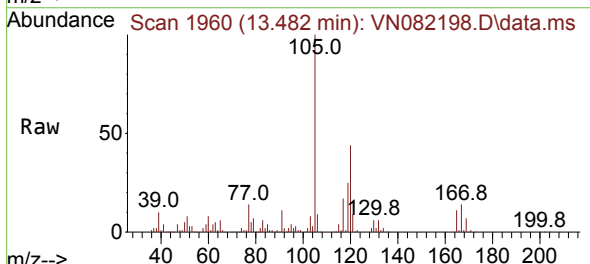
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

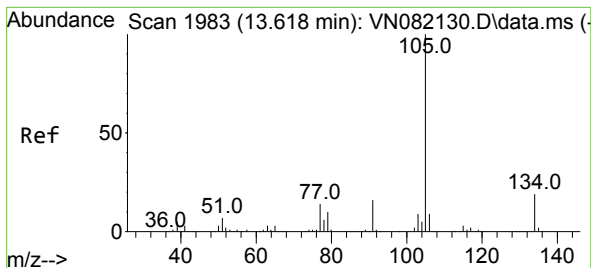
Tgt Ion:119 Resp: 413473
 Ion Ratio Lower Upper
 119 100
 91 71.6 32.6 97.8
 134 24.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.392 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082198.D
 Acq: 17 May 2024 22:58

Tgt Ion:105 Resp: 492814
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.277 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

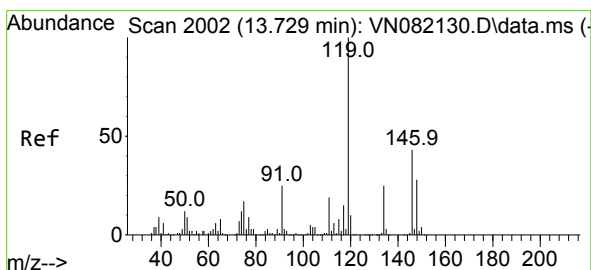
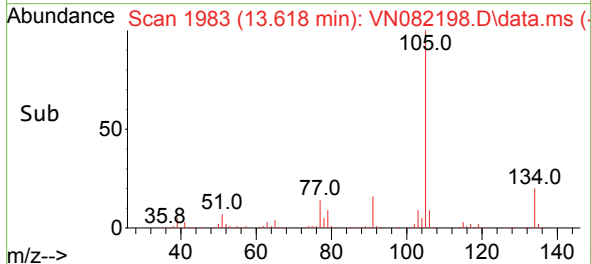
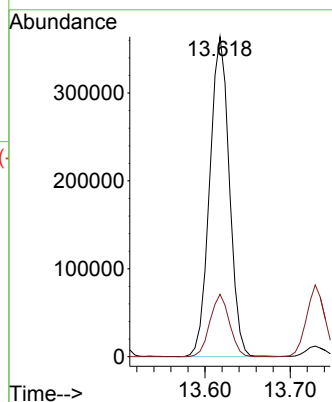
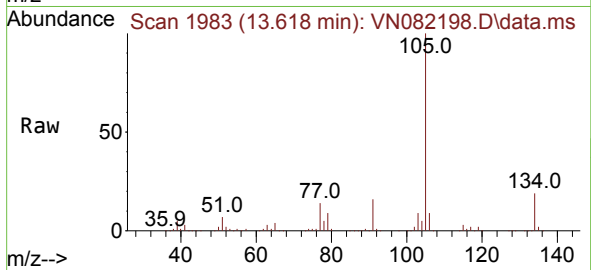
VSTDCCC050EC

Tgt Ion:105 Resp: 582770

Ion Ratio Lower Upper

105 100

134 19.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.463 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

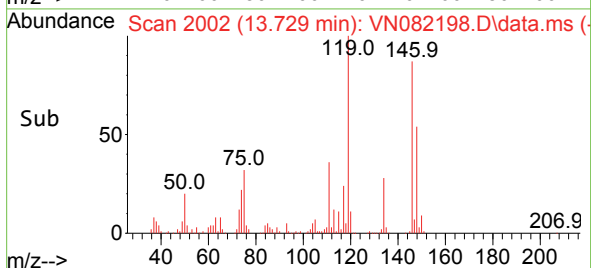
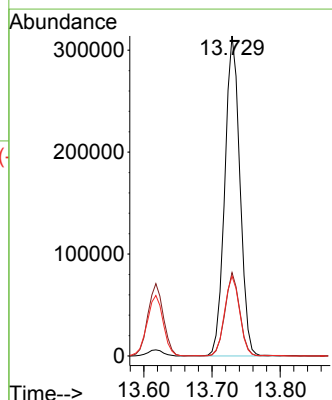
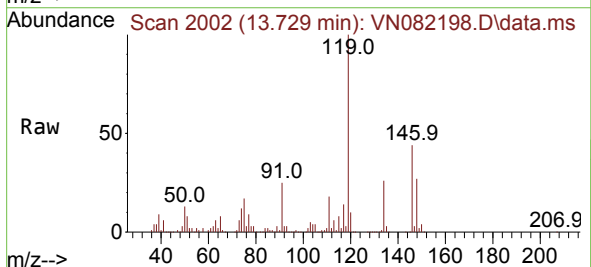
Tgt Ion:119 Resp: 484791

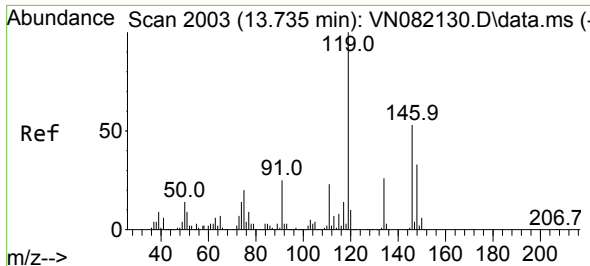
Ion Ratio Lower Upper

119 100

134 25.2 13.2 39.5

91 24.8 11.8 35.3

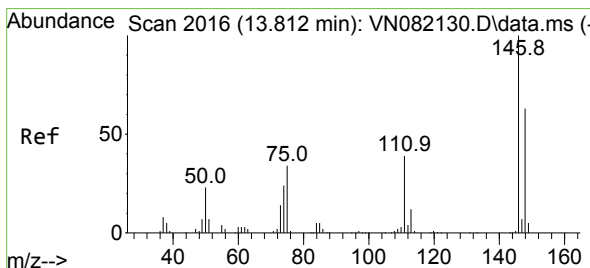
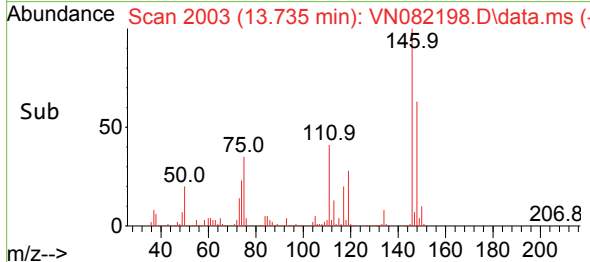
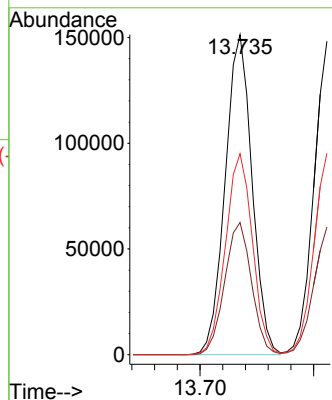
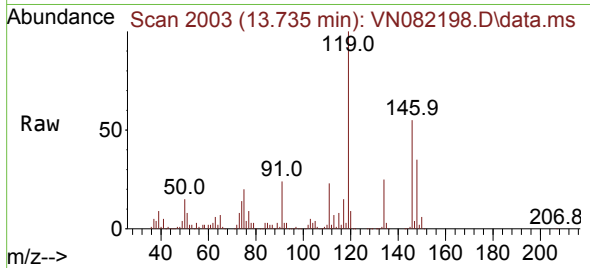




#87
1,3-Dichlorobenzene
Concen: 48.740 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

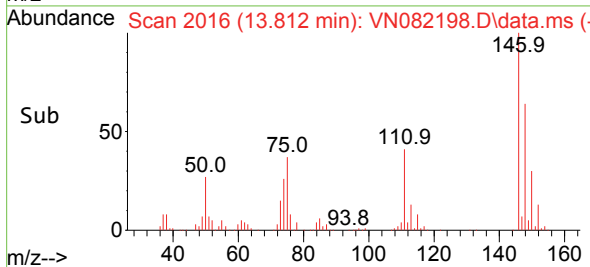
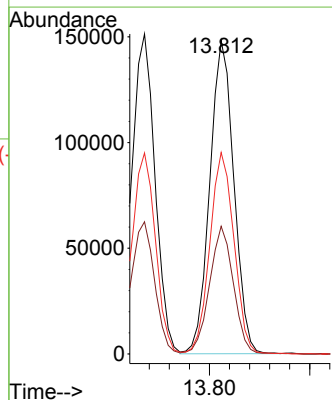
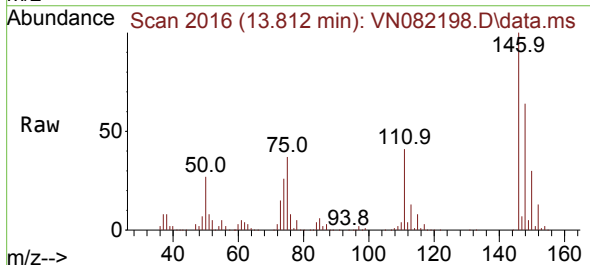
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

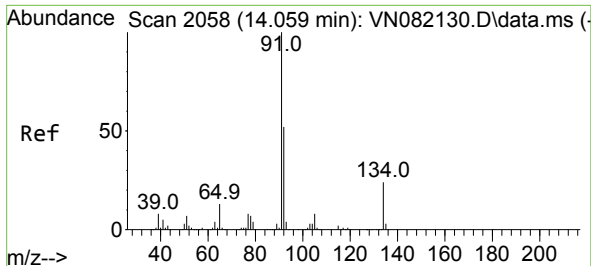
Tgt Ion:146 Resp: 248770
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 63.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 47.425 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:146 Resp: 247052
Ion Ratio Lower Upper
146 100
111 40.7 19.3 57.9
148 64.8 31.3 93.9

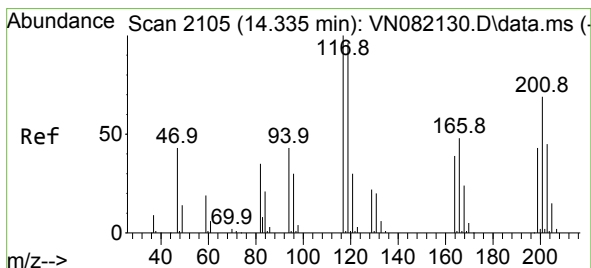
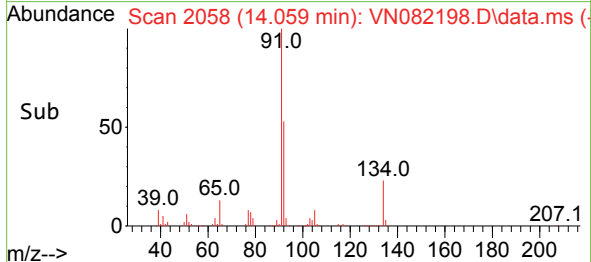
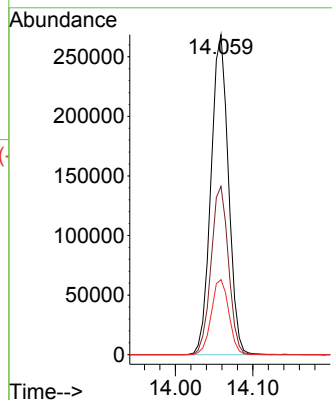
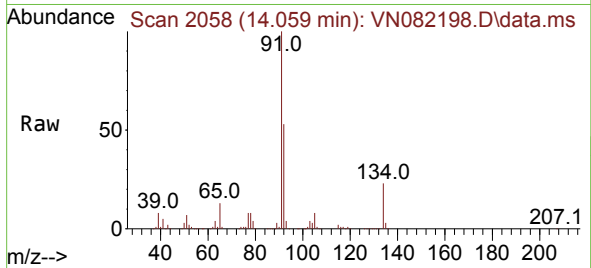




#89
n-Butylbenzene
Concen: 49.638 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

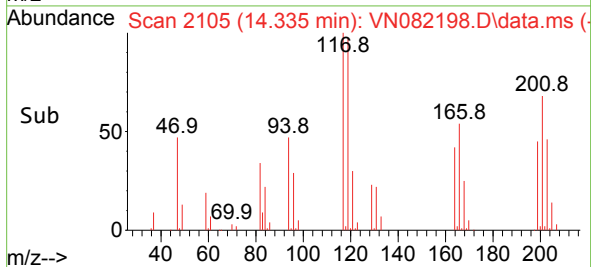
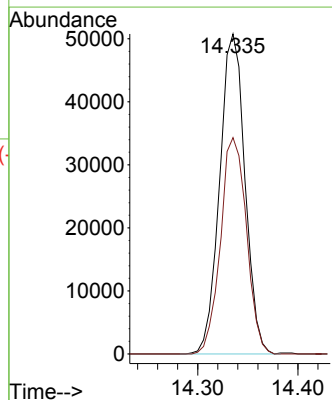
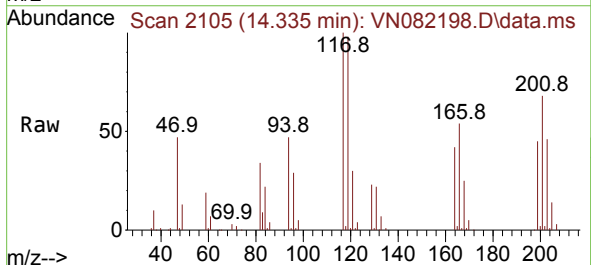
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

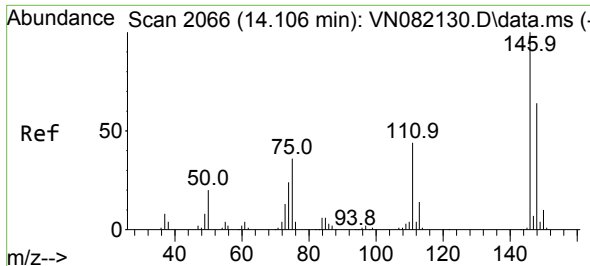
Tgt Ion: 91 Resp: 420286
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 23.6 13.2 39.5



#90
Hexachloroethane
Concen: 50.837 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 117 Resp: 88729
Ion Ratio Lower Upper
117 100
201 69.3 33.3 99.8

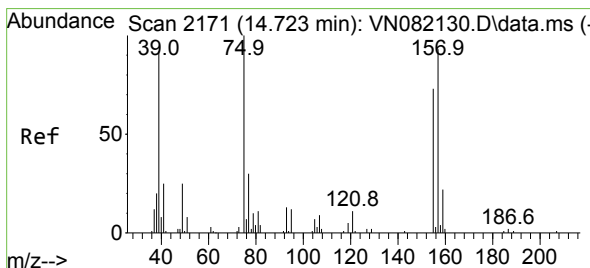
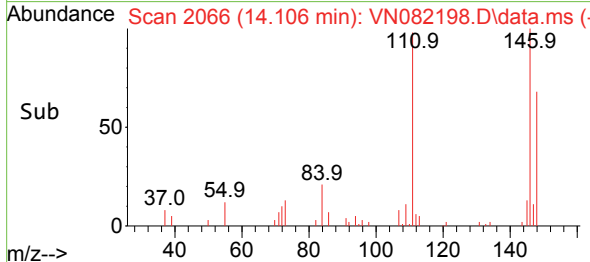
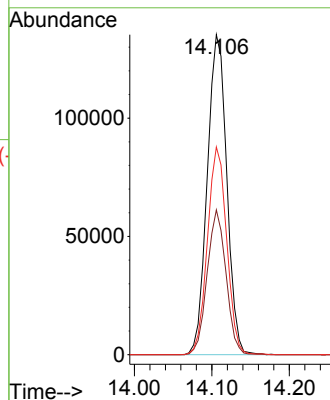
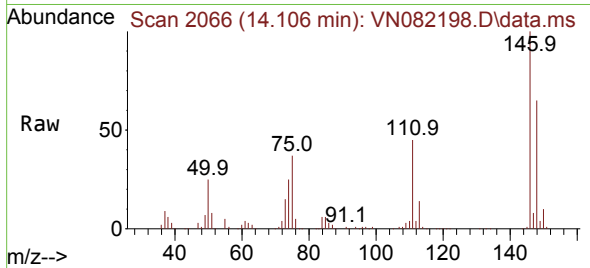




#91
1,2-Dichlorobenzene
Concen: 49.003 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

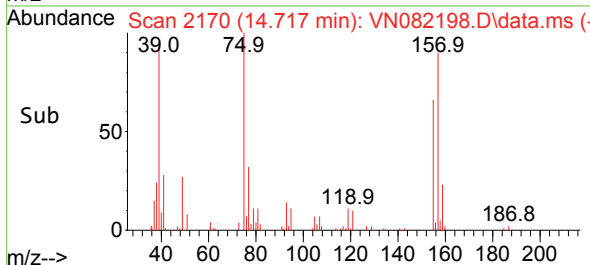
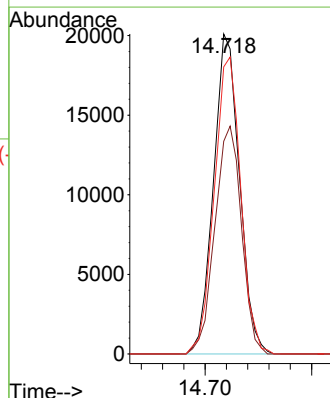
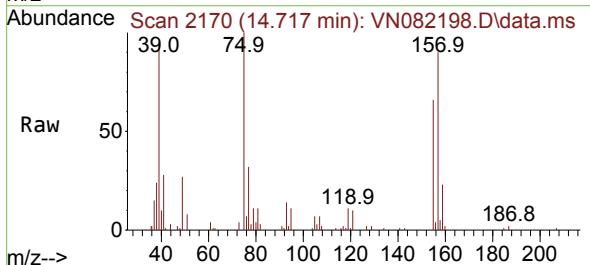
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

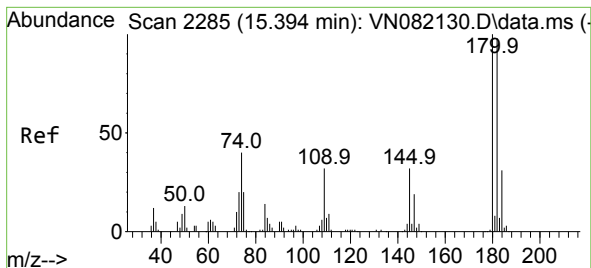
Tgt Ion:146 Resp: 236747
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.524 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion: 75 Resp: 33974
Ion Ratio Lower Upper
75 100
155 73.1 42.6 128.0
157 94.5 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 48.234 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

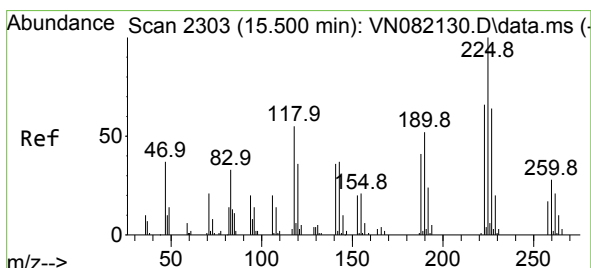
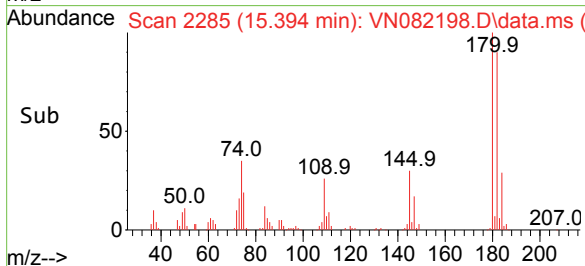
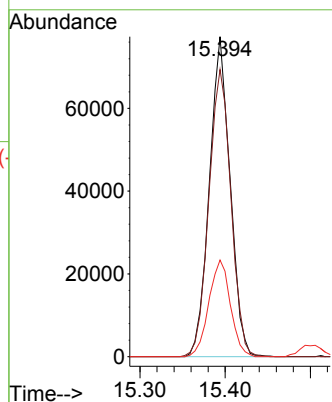
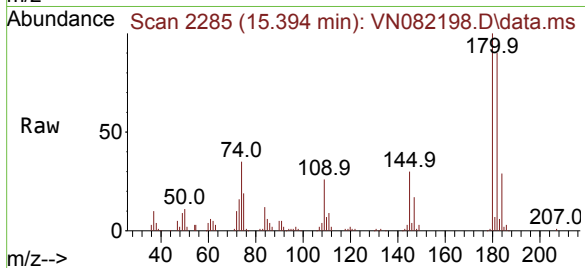
Tgt Ion:180 Resp: 130623

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.0

145 31.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 44.343 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082198.D

Acq: 17 May 2024 22:58

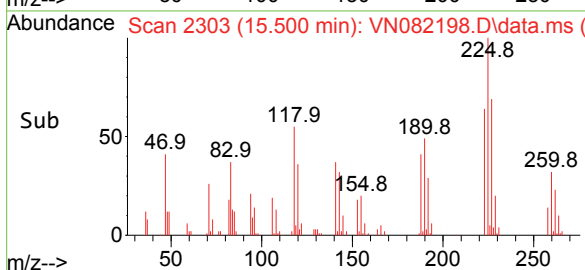
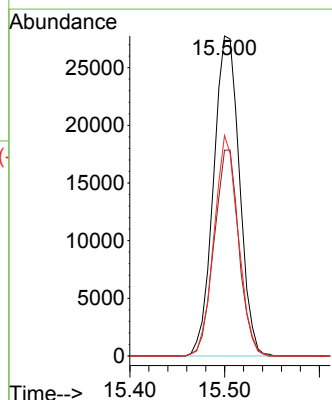
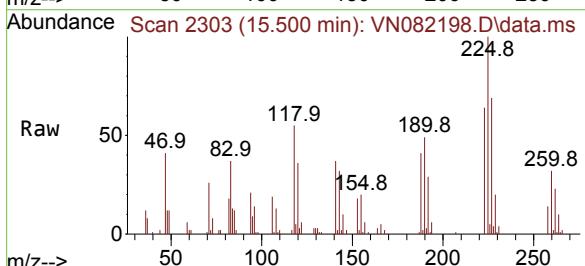
Tgt Ion:225 Resp: 52693

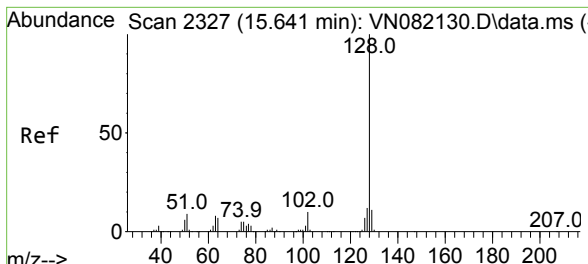
Ion Ratio Lower Upper

225 100

223 61.8 31.1 93.2

227 64.3 30.6 91.6

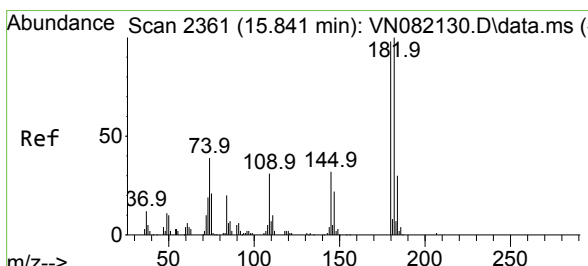
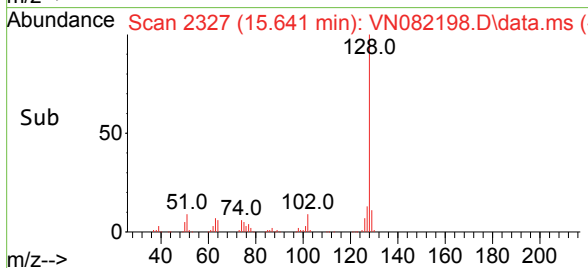
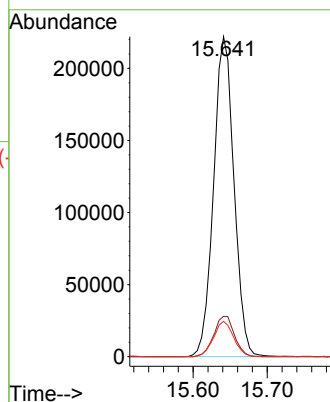
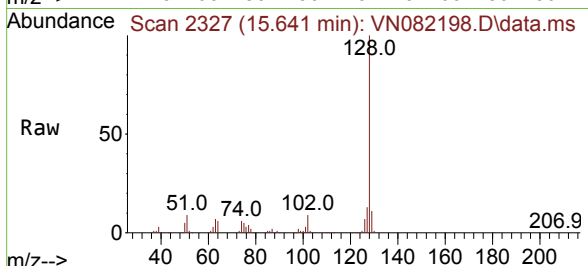




#95
Naphthalene
Concen: 49.918 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 423645
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.948 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082198.D
Acq: 17 May 2024 22:58

Tgt Ion:180 Resp: 129991
Ion Ratio Lower Upper
180 100
182 94.2 46.0 137.8
145 32.3 17.1 51.3

