

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN080997.D
 Acq On : 12 Feb 2024 10:35
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 13 03:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	469284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	822124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	812961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	334286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	282242	47.676	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.171	113	252197	57.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.340%
50) Toluene-d8	10.571	98	896106	56.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.320%
62) 4-Bromofluorobenzene	12.853	95	356375	61.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	251421	47.289	ug/l	94
3) Chloromethane	2.359	50	250208	45.296	ug/l	97
4) Vinyl Chloride	2.512	62	389222	56.055	ug/l	91
5) Bromomethane	2.948	94	198782	44.501	ug/l	88
6) Chloroethane	3.112	64	207101	42.293	ug/l	97
7) Trichlorofluoromethane	3.489	101	443542	48.786	ug/l	92
8) Diethyl Ether	3.953	74	156060	48.045	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	243263	47.565	ug/l #	88
10) Methyl Iodide	4.583	142	259325	52.432	ug/l	99
11) Tert butyl alcohol	5.518	59	188390	230.962	ug/l	99
12) 1,1-Dichloroethene	4.342	96	237830	47.271	ug/l	84
13) Acrolein	4.177	56	264261	257.050	ug/l	99
14) Allyl chloride	5.024	41	305742	45.864	ug/l #	83
15) Acrylonitrile	5.718	53	525829	235.840	ug/l	96
16) Acetone	4.424	43	351749	180.598	ug/l	94
17) Carbon Disulfide	4.712	76	569160	44.850	ug/l	96
18) Methyl Acetate	5.018	43	281265	48.784	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	817080	48.755	ug/l	94
20) Methylene Chloride	5.277	84	271571	46.022	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	271130	48.006	ug/l	84
22) Diisopropyl ether	6.671	45	749766	48.523	ug/l #	92
23) Vinyl Acetate	6.600	43	2692450	264.435	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	478002	47.501	ug/l	94
25) 2-Butanone	7.477	43	634491	202.960	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	459193	49.901	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	327316	49.876	ug/l	81
28) Bromochloromethane	7.812	49	193344	46.174	ug/l #	49
29) Tetrahydrofuran	7.836	42	423726	221.692	ug/l #	77
30) Chloroform	7.965	83	519099	46.677	ug/l	94
31) Cyclohexane	8.259	56	335569	41.474	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	484874	50.317	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	367732	56.033	ug/l	95
37) Ethyl Acetate	7.559	43	267583	53.884	ug/l	95
38) Carbon Tetrachloride	8.359	117	407773	60.611	ug/l	97
39) Methylcyclohexane	9.600	83	357415	48.863	ug/l #	83
40) Benzene	8.606	78	1116752	55.902	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	157486	53.215	ug/l	91
42) 1,2-Dichloroethane	8.671	62	372437	53.545	ug/l	97
43) Isopropyl Acetate	8.688	43	492458	53.929	ug/l #	89
44) Trichloroethene	9.353	130	307137	50.617	ug/l	90
45) 1,2-Dichloropropane	9.624	63	270770	50.236	ug/l	100
46) Dibromomethane	9.712	93	202791	50.880	ug/l #	87
47) Bromodichloromethane	9.888	83	414638	53.186	ug/l #	99
48) Methyl methacrylate	9.682	41	223772	43.494	ug/l #	80
49) 1,4-Dioxane	9.694	88	89324	940.297	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1428536	259.587	ug/l	90
52) Toluene	10.629	92	731792	54.689	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	445505	59.058	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	474106	55.990	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	286412	55.380	ug/l	93
56) Ethyl methacrylate	10.877	69	391402	63.264	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	465808	55.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1018936	271.280	ug/l #	82
59) 2-Hexanone	11.194	43	1062459	254.728	ug/l	90
60) Dibromochloromethane	11.359	129	323799	61.273	ug/l	99
61) 1,2-Dibromoethane	11.471	107	293594	56.910	ug/l	97
64) Tetrachloroethene	11.106	164	269409	43.904	ug/l	92
65) Chlorobenzene	11.894	112	859834	50.466	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	341173	55.491	ug/l	96
67) Ethyl Benzene	11.965	91	1496828	51.000	ug/l	95
68) m/p-Xylenes	12.071	106	1206791	108.228	ug/l	92
69) o-Xylene	12.400	106	588989	54.437	ug/l	91
70) Styrene	12.412	104	990364	60.989	ug/l	94
71) Bromoform	12.582	173	238319	57.874	ug/l #	98
73) Isopropylbenzene	12.700	105	1417497	54.523	ug/l	96
74) N-amyl acetate	12.494	43	453507	48.393	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	410513	50.759	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	476894	69.968	ug/l	68
77) Bromobenzene	12.982	156	335090	51.082	ug/l	66
78) n-propylbenzene	13.041	91	1464275	49.886	ug/l	93
79) 2-Chlorotoluene	13.129	91	894720	48.234	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	1059956	50.160	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	134267	53.520	ug/l	88
82) 4-Chlorotoluene	13.223	91	910102	49.176	ug/l	91
83) tert-Butylbenzene	13.441	119	889141	49.362	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1066357	50.666	ug/l	94
85) sec-Butylbenzene	13.618	105	1245011	51.437	ug/l	93
86) p-Isopropyltoluene	13.729	119	1061532	51.896	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	597535	51.148	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	591398	49.885	ug/l	95
89) n-Butylbenzene	14.059	91	899034	49.756	ug/l	96
90) Hexachloroethane	14.335	117	172409	53.453	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	577826	51.627	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66747	44.123	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	298436	53.904	ug/l	99
94) Hexachlorobutadiene	15.500	225	123719	51.543	ug/l	95
95) Naphthalene	15.641	128	965715	52.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	287715	52.794	ug/l	98

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

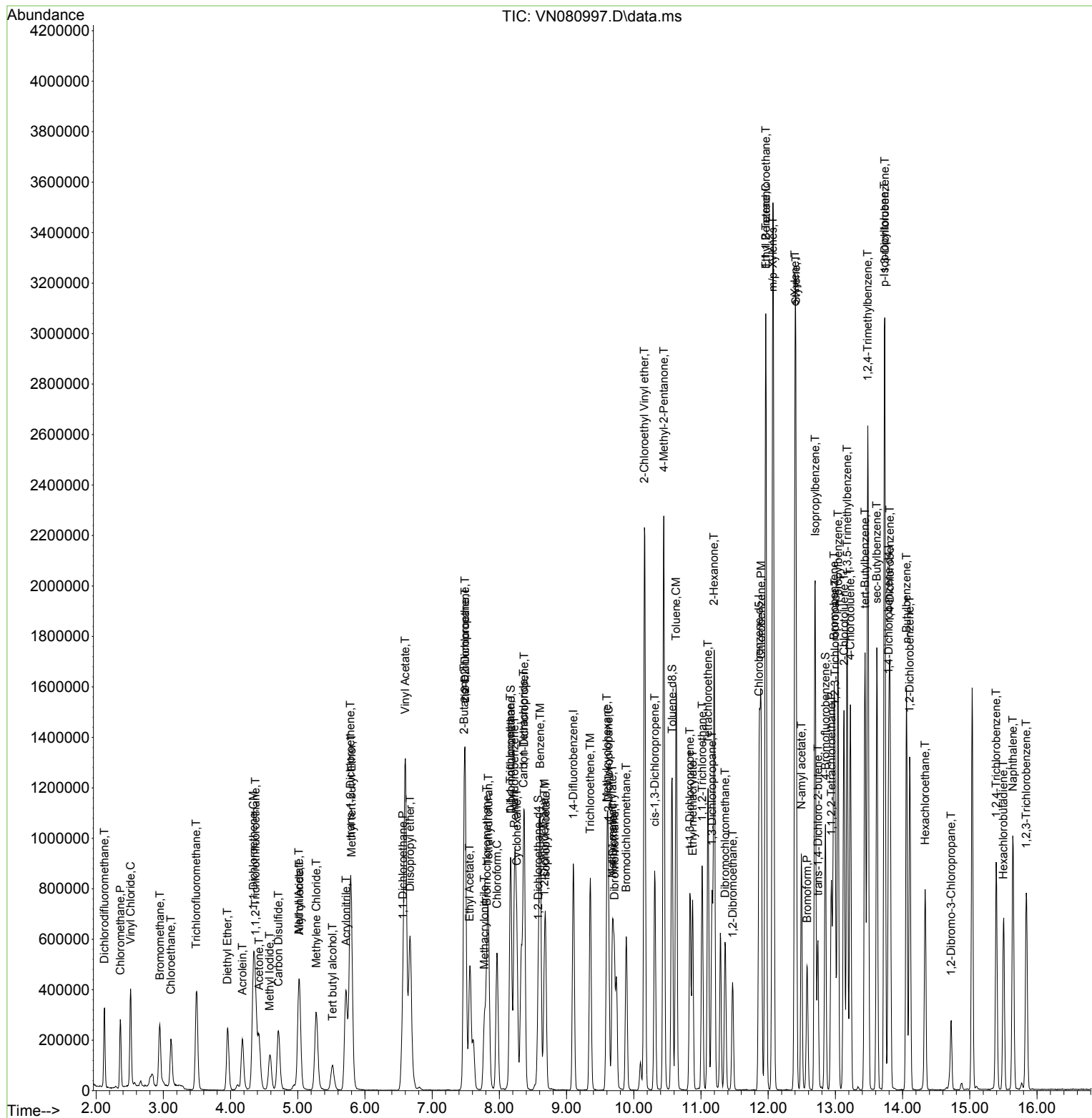
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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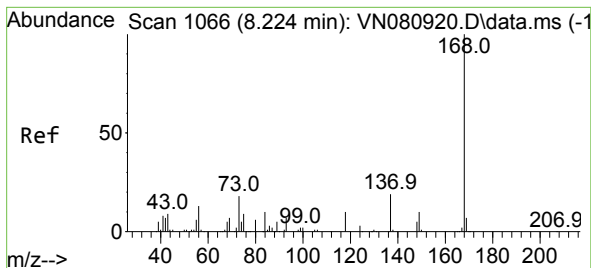
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080997.D

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Instrument :

MSVOA_N

ClientSampleId :

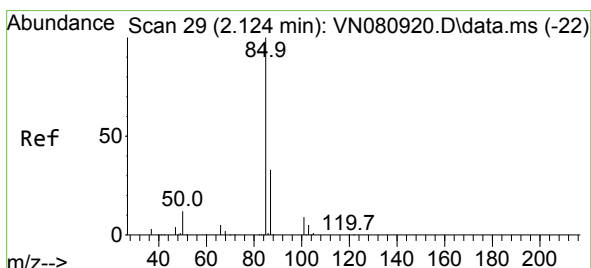
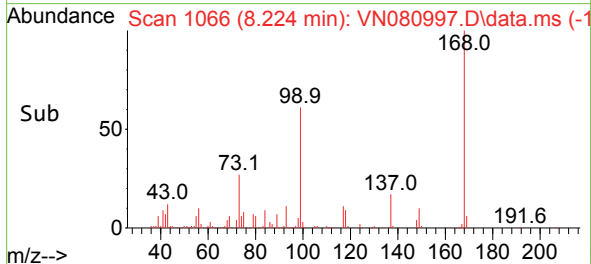
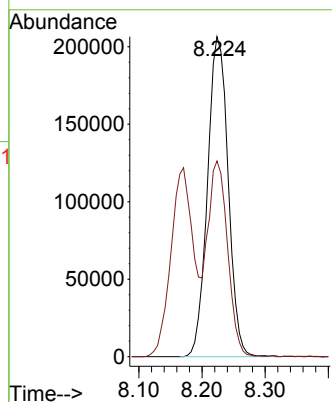
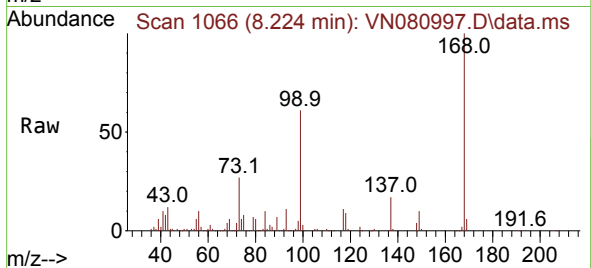
VSTDCCC050

Tgt Ion:168 Resp: 469284

Ion Ratio Lower Upper

168 100

99 61.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 47.289 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080997.D

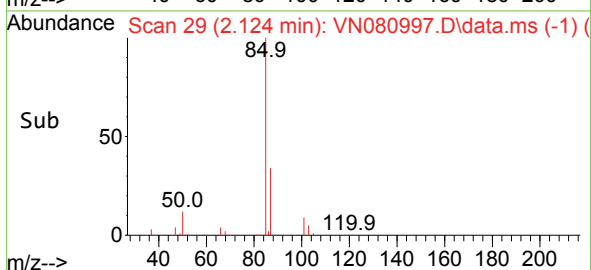
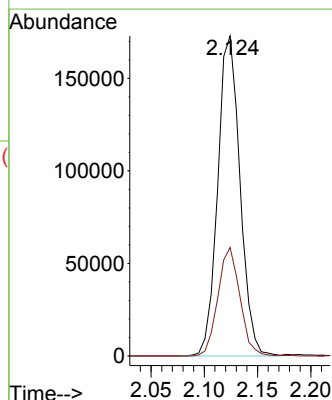
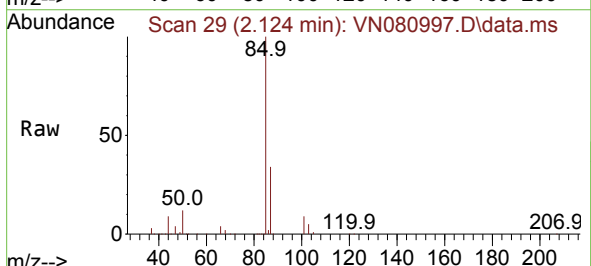
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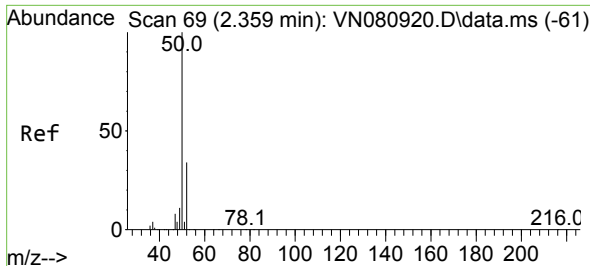
Tgt Ion: 85 Resp: 251421

Ion Ratio Lower Upper

85 100

87 33.9 15.3 45.9

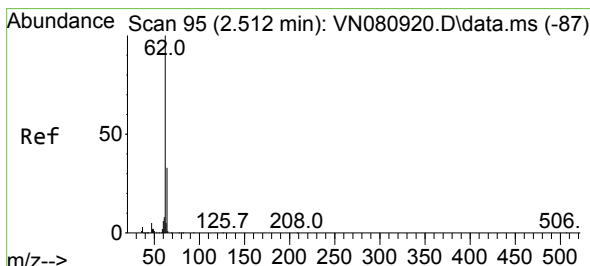
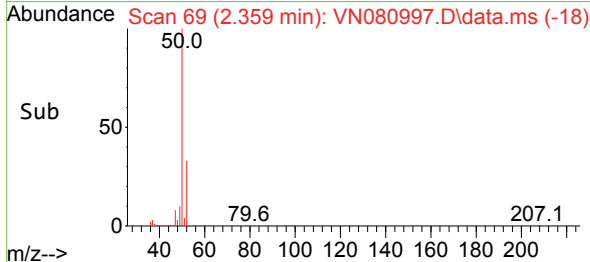
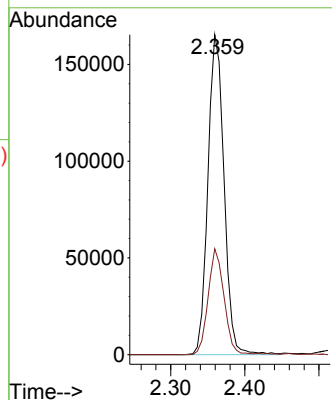
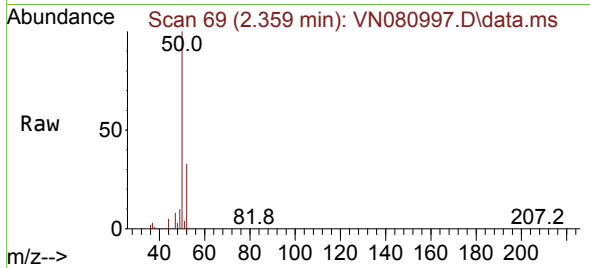




#3
Chloromethane
Concen: 45.296 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080997.D
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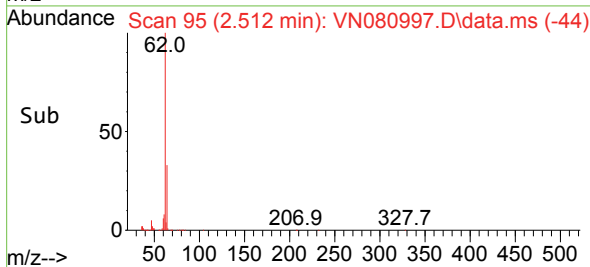
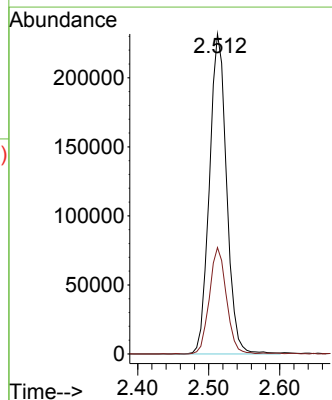
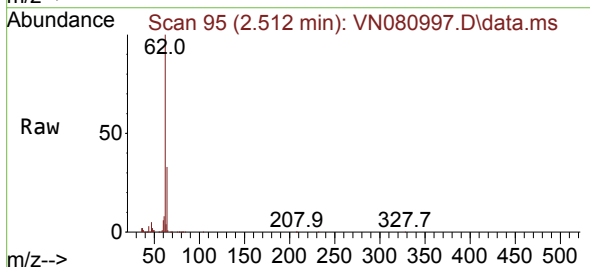
Instrument :
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ClientSampleId :
VSTDCCC050

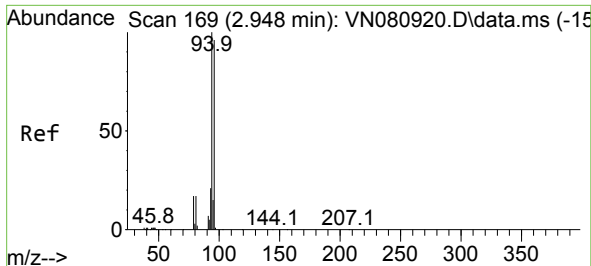
Tgt Ion: 50 Resp: 250208
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4



#4
Vinyl Chloride
Concen: 56.055 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 62 Resp: 389222
Ion Ratio Lower Upper
62 100
64 33.2 22.7 34.1

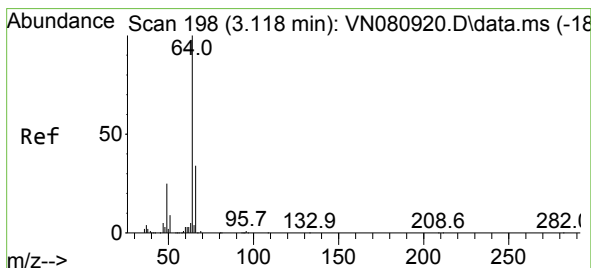
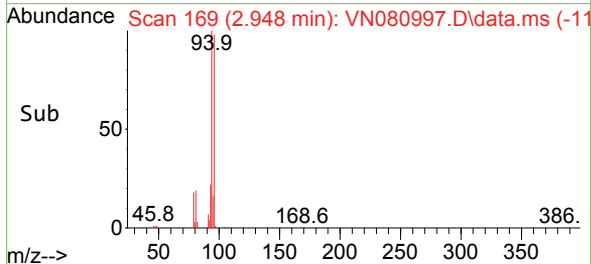
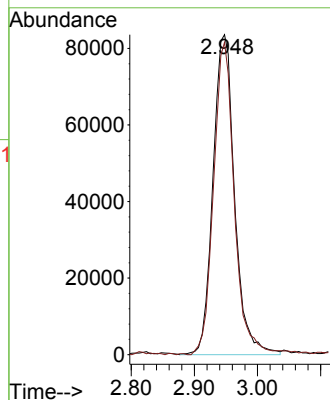
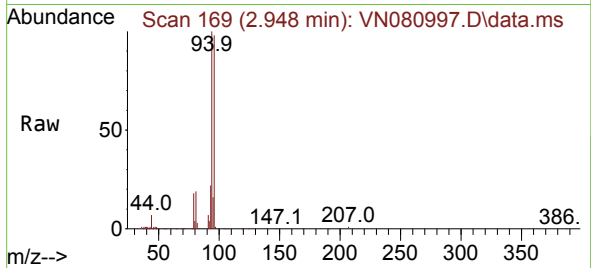




#5
Bromomethane
Concen: 44.501 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080997.D
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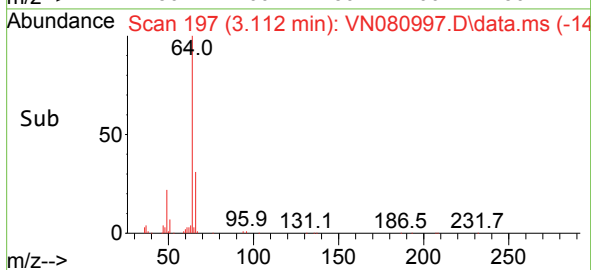
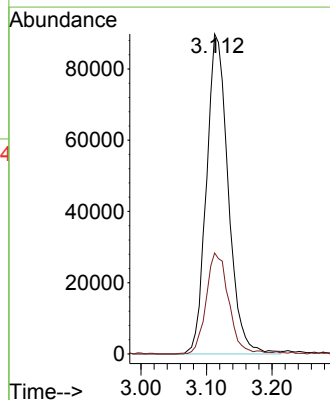
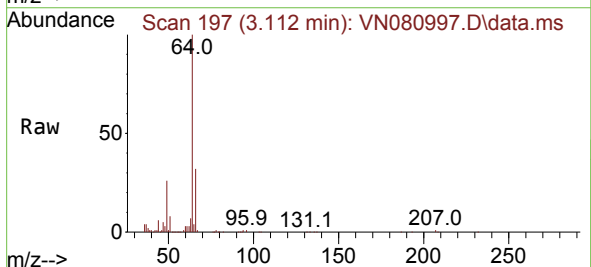
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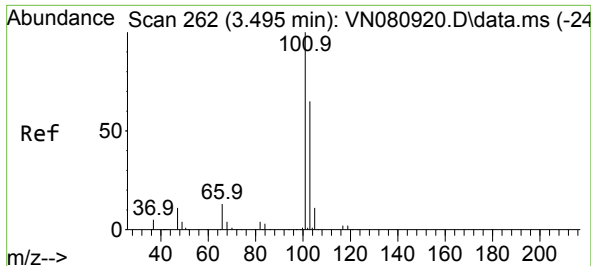
Tgt Ion: 94 Resp: 198782
Ion Ratio Lower Upper
94 100
96 97.3 69.2 103.8



#6
Chloroethane
Concen: 42.293 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080997.D
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Tgt Ion: 64 Resp: 207101
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6

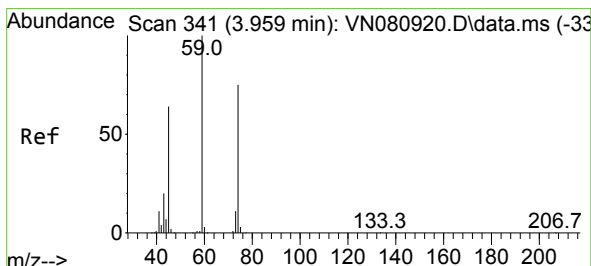
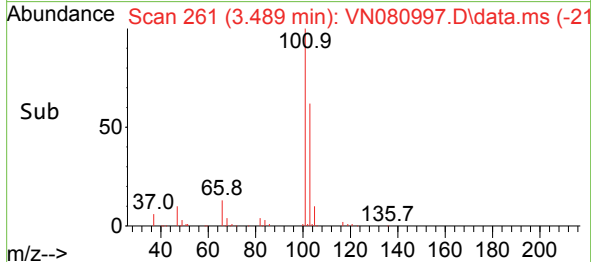
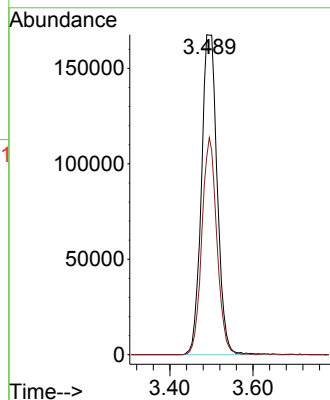
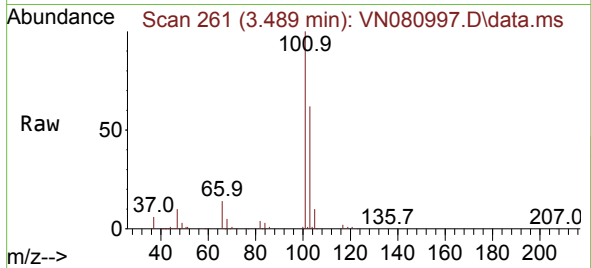




#7
Trichlorofluoromethane
Concen: 48.786 ug/l
RT: 3.489 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

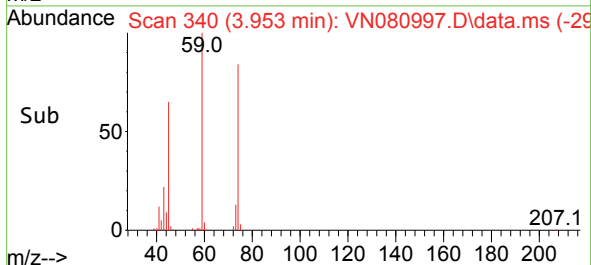
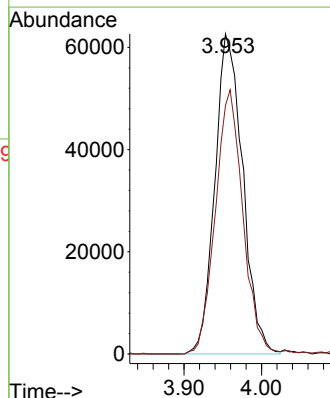
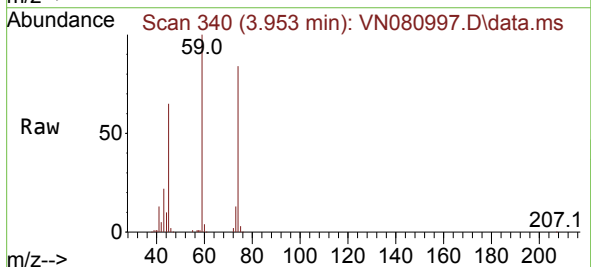
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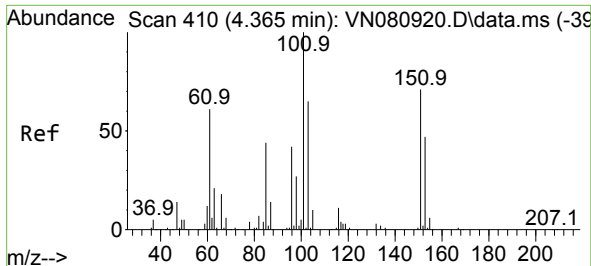
Tgt Ion:101 Resp: 443542
Ion Ratio Lower Upper
101 100
103 61.9 54.4 81.6



#8
Diethyl Ether
Concen: 48.045 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 74 Resp: 156060
Ion Ratio Lower Upper
74 100
45 81.4 53.3 159.9

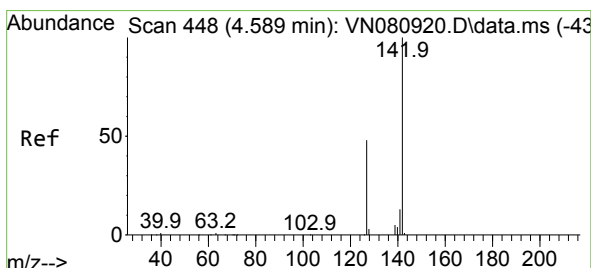
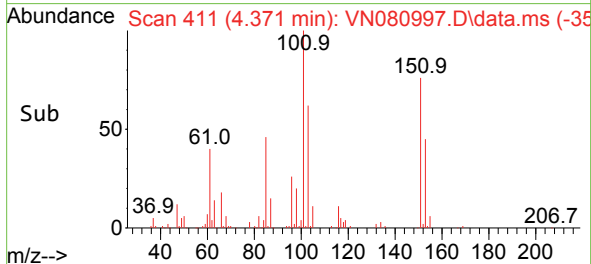
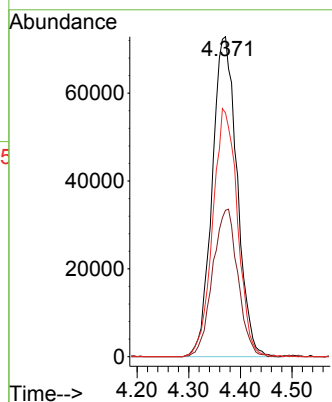
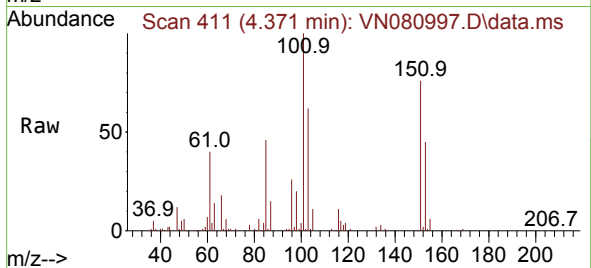




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.565 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

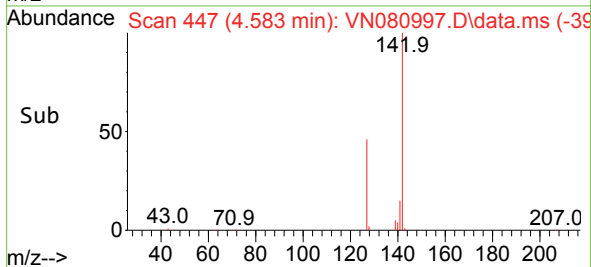
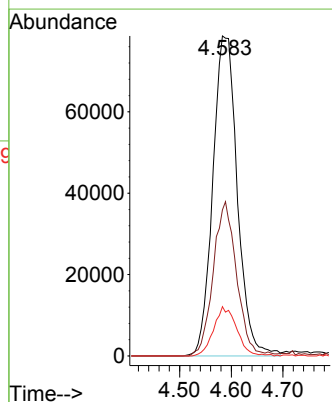
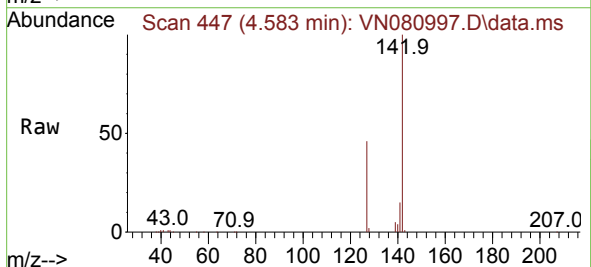
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

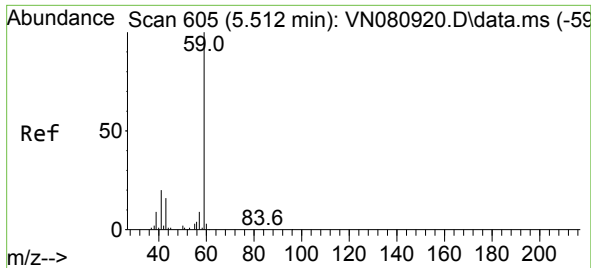
Tgt Ion:101 Resp: 243263
Ion Ratio Lower Upper
101 100
85 47.0 38.1 57.1
151 77.1 49.1 73.7#



#10
Methyl Iodide
Concen: 52.432 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:142 Resp: 259325
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.4
141 15.4 12.5 18.7

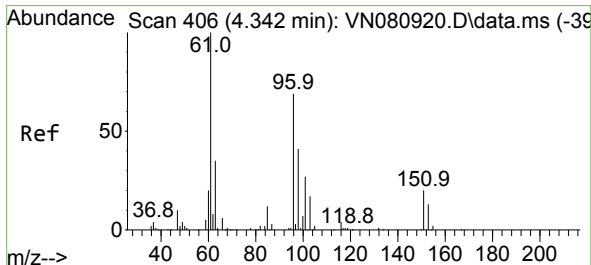
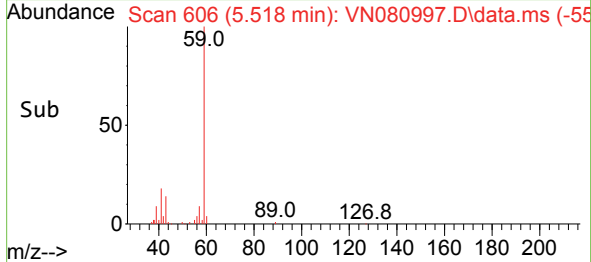
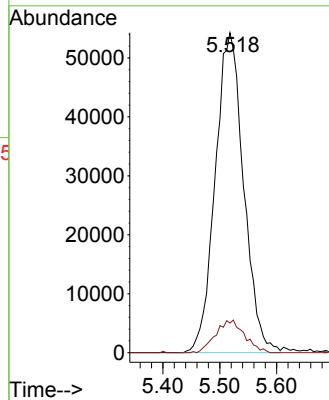
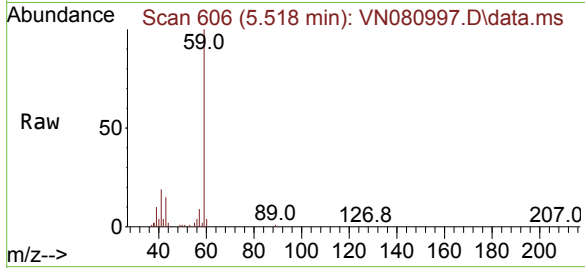




#11
Tert butyl alcohol
Concen: 230.962 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

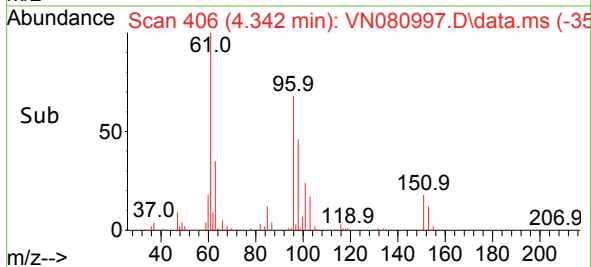
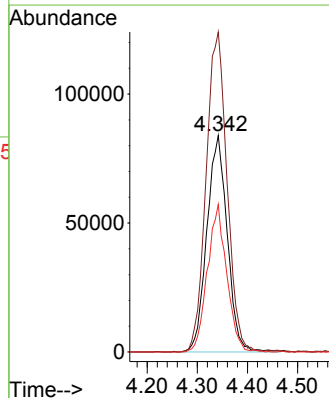
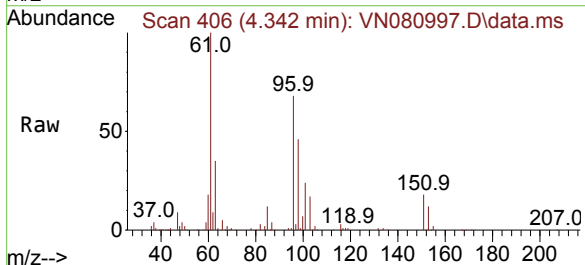
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

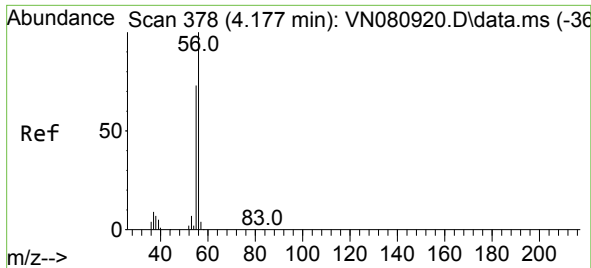
Tgt Ion: 59 Resp: 188390
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.271 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 96 Resp: 237830
Ion Ratio Lower Upper
96 100
61 147.9 138.2 207.4
98 68.2 49.2 73.8





#13

Acrolein

Concen: 257.050 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

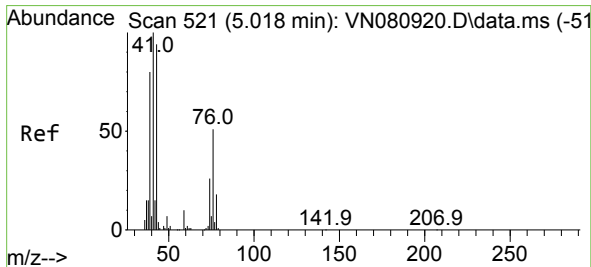
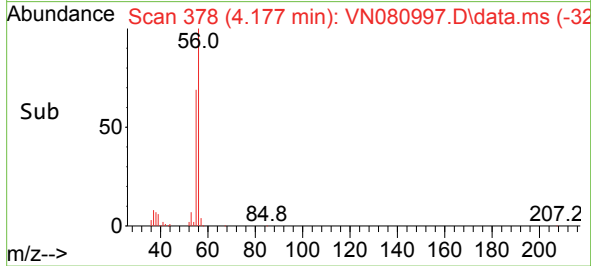
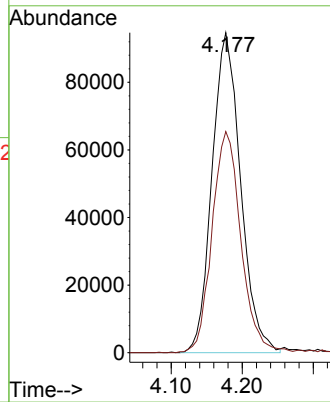
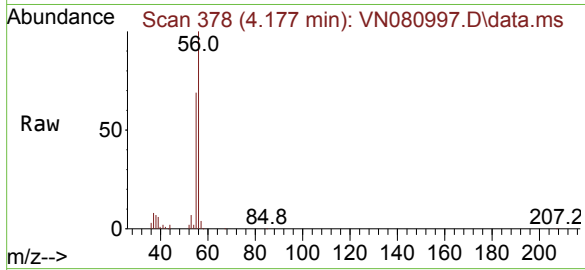
VSTDCCC050

Tgt Ion: 56 Resp: 264261

Ion Ratio Lower Upper

56 100

55 69.7 55.3 82.9



#14

Allyl chloride

Concen: 45.864 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

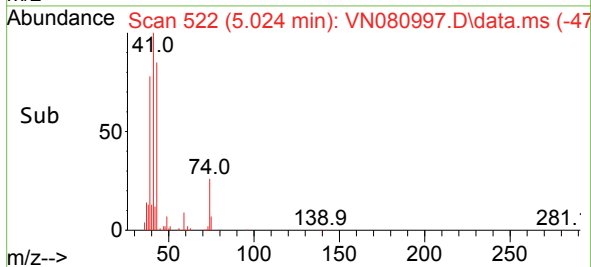
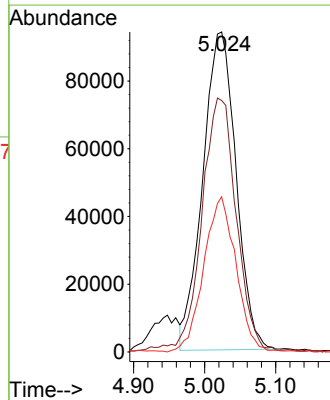
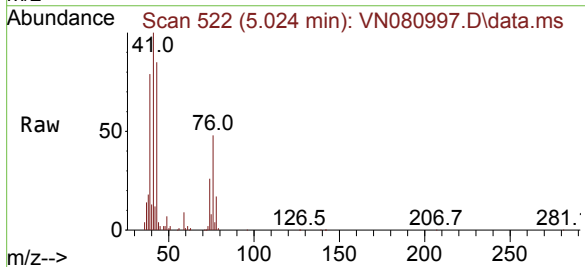
Tgt Ion: 41 Resp: 305742

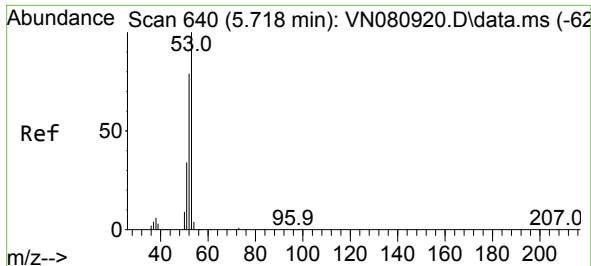
Ion Ratio Lower Upper

41 100

39 83.4 57.7 86.5

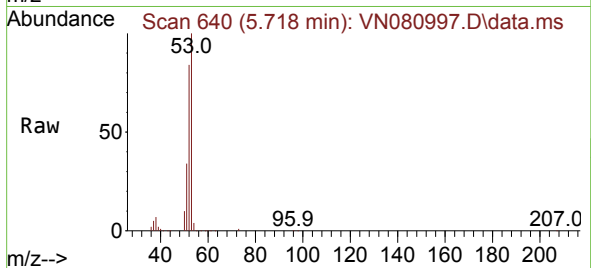
76 47.4 26.8 40.2#



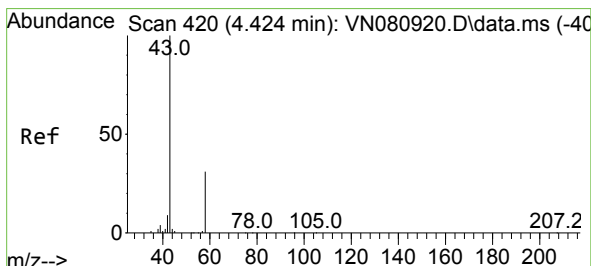
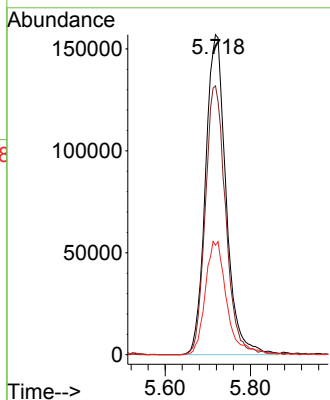
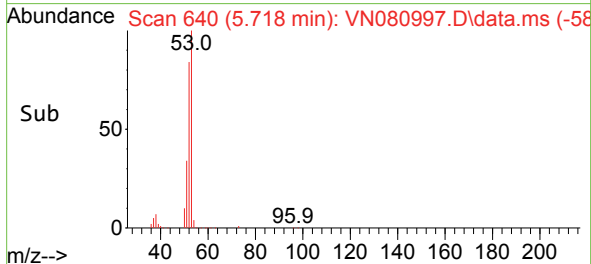


#15
Acrylonitrile
Concen: 235.840 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

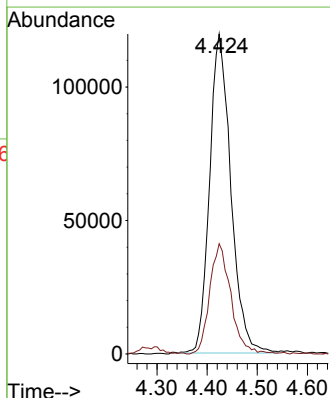
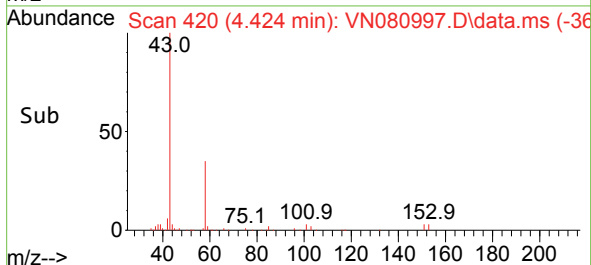
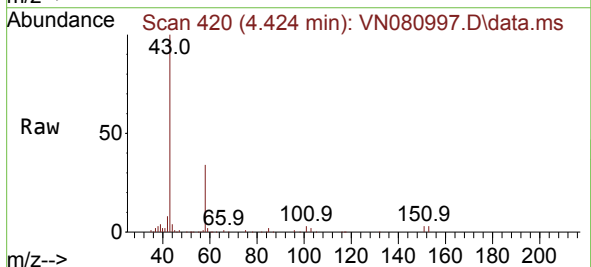


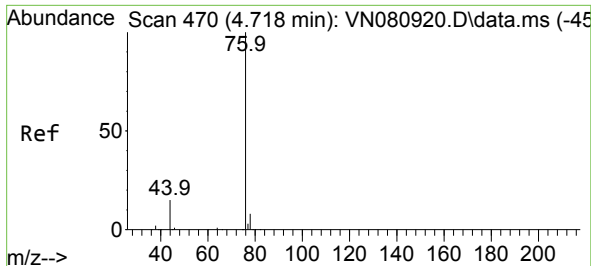
Tgt Ion: 53 Resp: 525829
Ion Ratio Lower Upper
53 100
52 83.6 64.8 97.2
51 37.1 26.9 40.3



#16
Acetone
Concen: 180.598 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 43 Resp: 351749
Ion Ratio Lower Upper
43 100
58 34.4 24.8 37.2

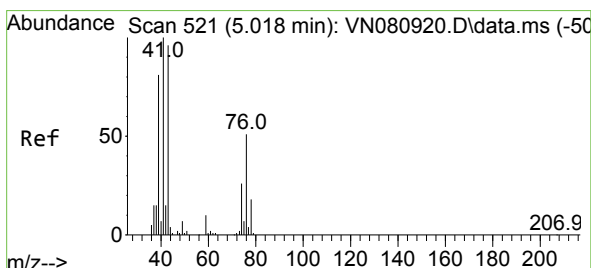
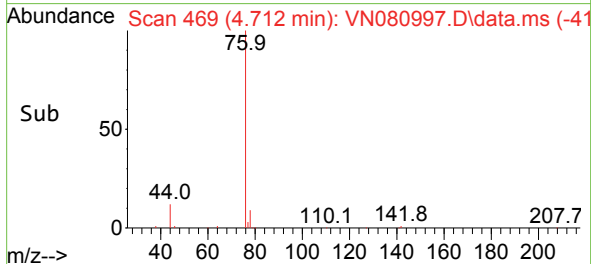
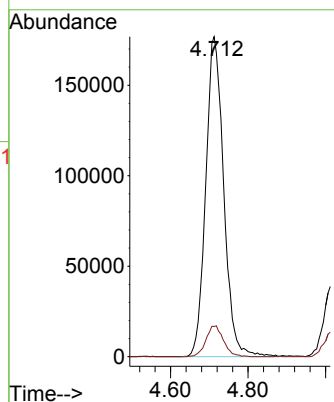
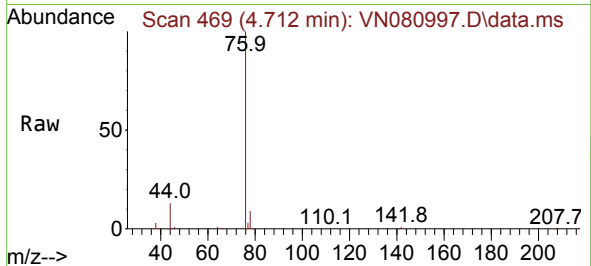




#17
Carbon Disulfide
Concen: 44.850 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

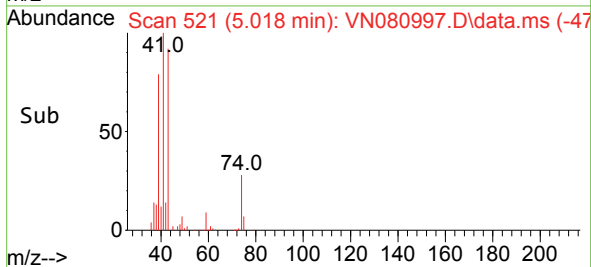
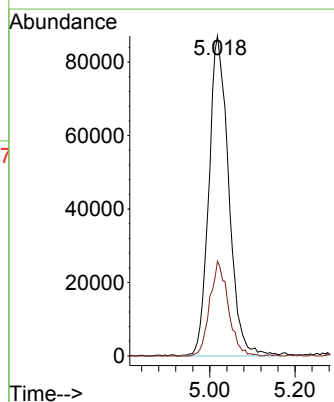
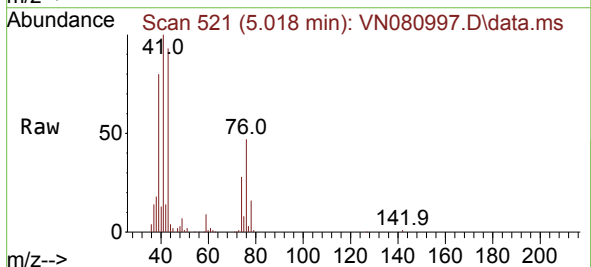
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

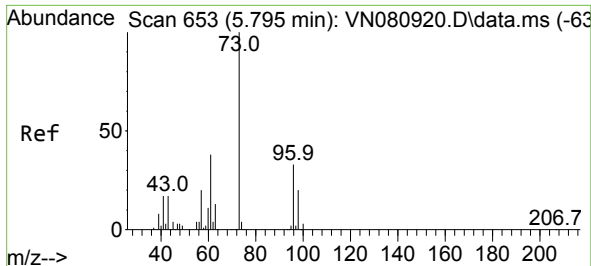
Tgt Ion: 76 Resp: 569160
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5



#18
Methyl Acetate
Concen: 48.784 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 43 Resp: 281265
Ion Ratio Lower Upper
43 100
74 27.6 17.3 25.9#

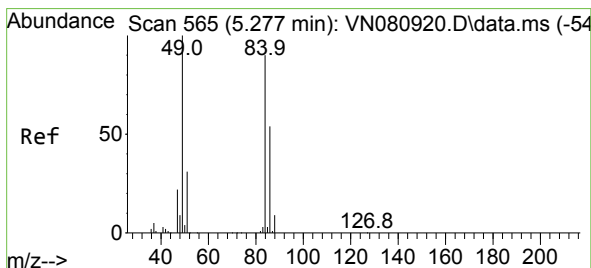
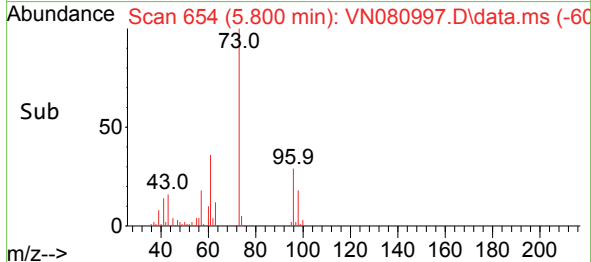
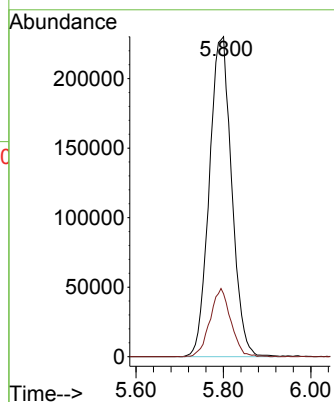
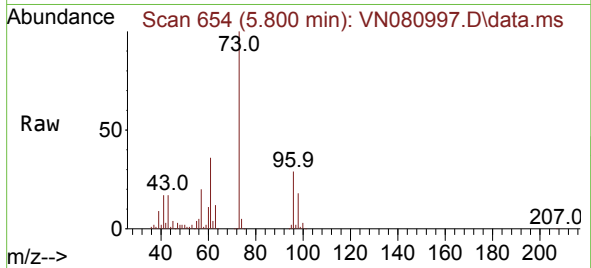




#19
Methyl tert-butyl Ether
Concen: 48.755 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

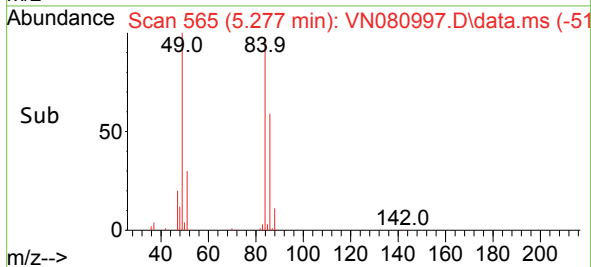
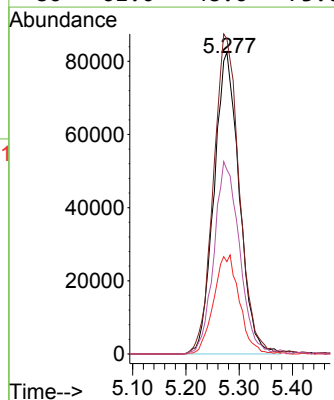
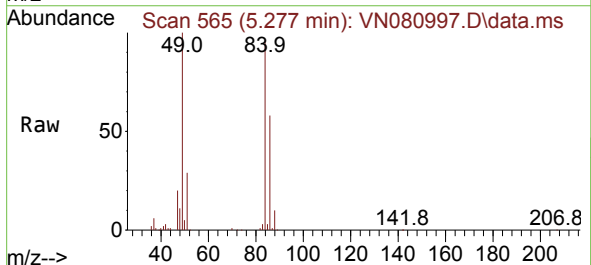
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

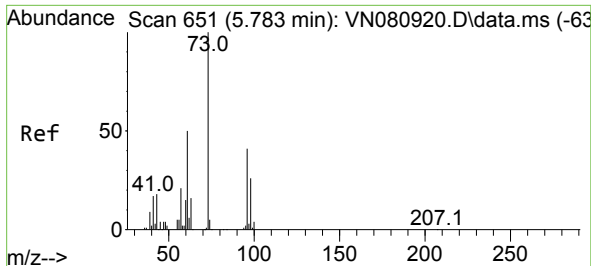
Tgt Ion: 73 Resp: 817080
Ion Ratio Lower Upper
73 100
57 19.7 18.2 27.4



#20
Methylene Chloride
Concen: 46.022 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 84 Resp: 271571
Ion Ratio Lower Upper
84 100
49 104.3 108.1 162.1#
51 30.6 32.9 49.3#
86 61.0 48.6 73.0

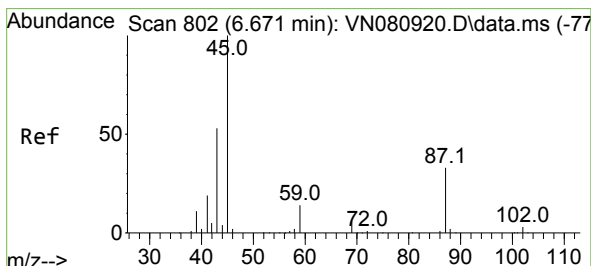
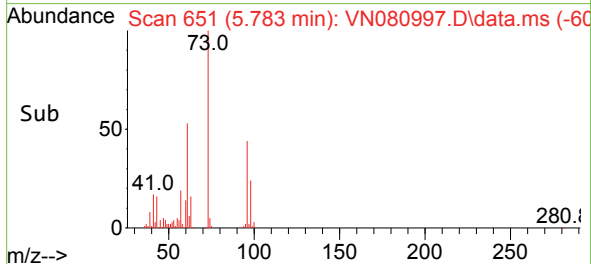
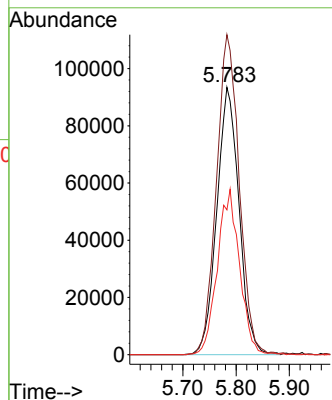
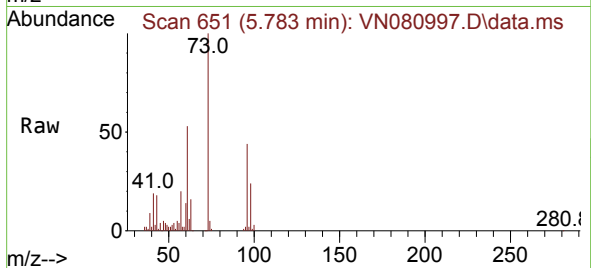




#21
trans-1,2-Dichloroethene
Concen: 48.006 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

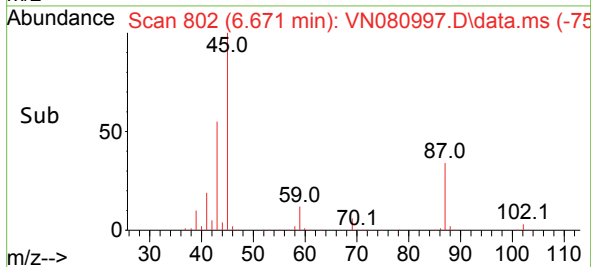
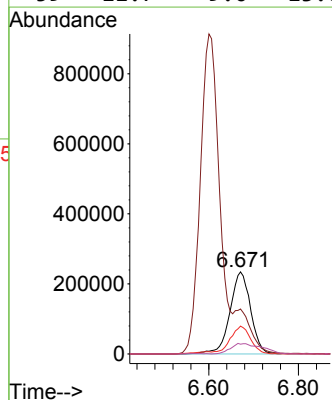
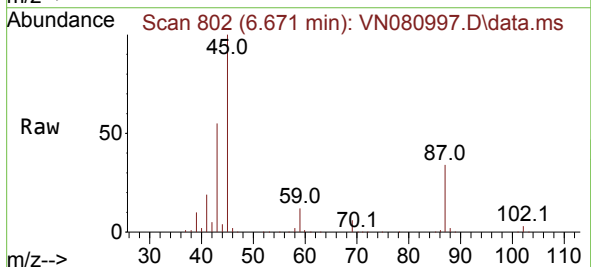
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

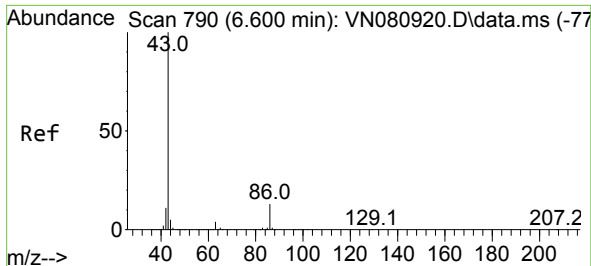
Tgt Ion: 96 Resp: 271130
Ion Ratio Lower Upper
96 100
61 119.7 112.8 169.2
98 54.2 51.0 76.4



#22
Diisopropyl ether
Concen: 48.523 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 45 Resp: 749766
Ion Ratio Lower Upper
45 100
43 54.0 41.8 62.8
87 33.8 18.1 27.1#
59 11.7 9.0 13.6

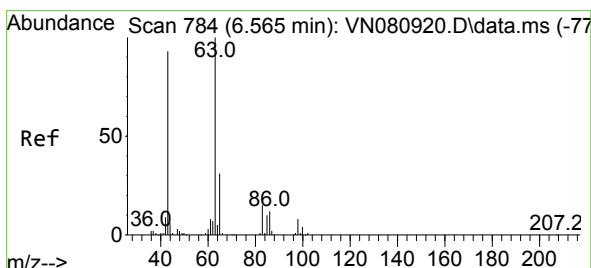
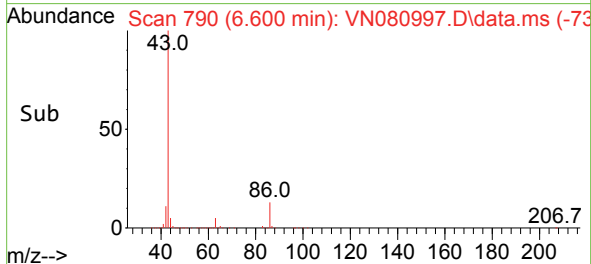
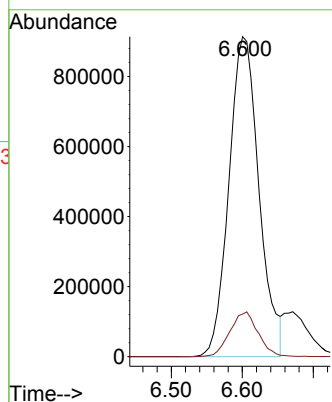
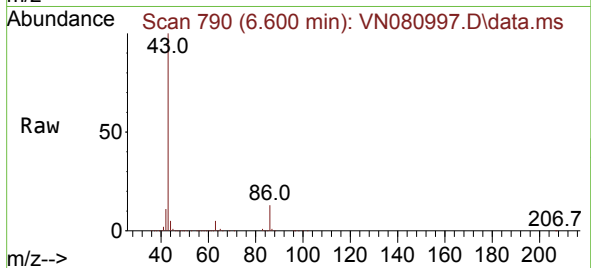




#23
 Vinyl Acetate
 Concen: 264.435 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

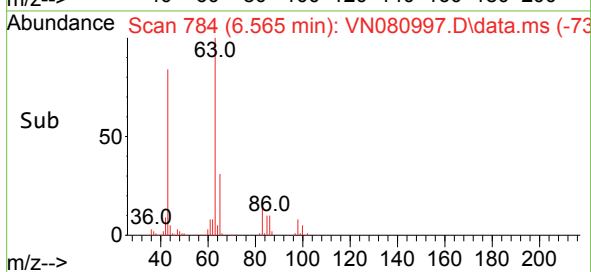
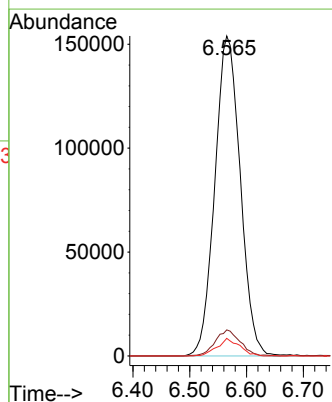
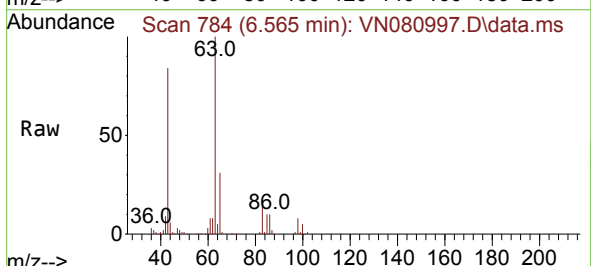
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

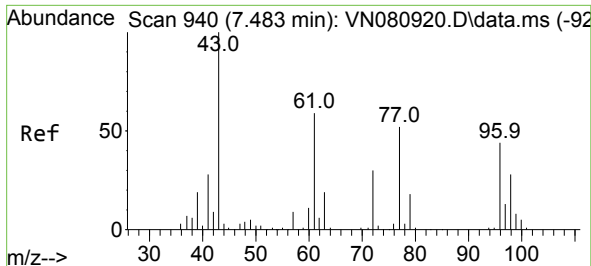
Tgt Ion: 43 Resp: 2692450
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.501 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

Tgt Ion: 63 Resp: 478002
 Ion Ratio Lower Upper
 63 100
 98 8.2 2.9 8.6
 100 5.5 1.9 5.7

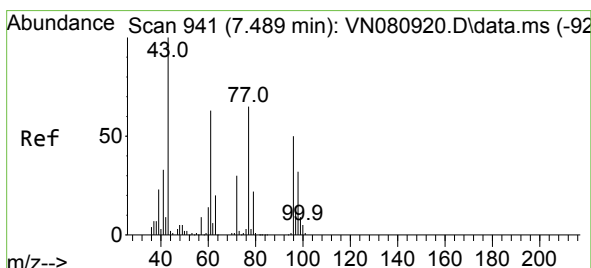
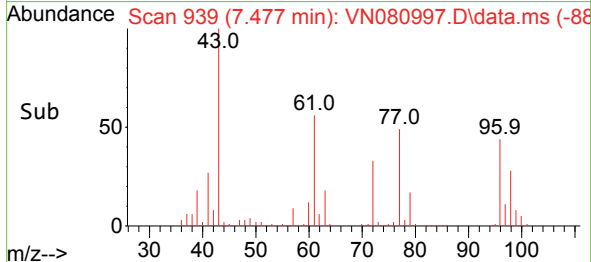
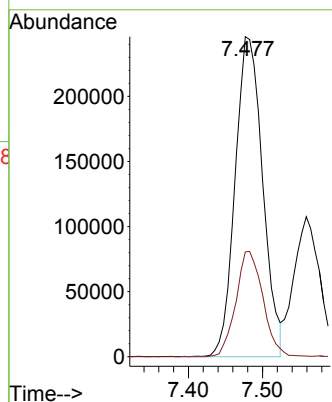
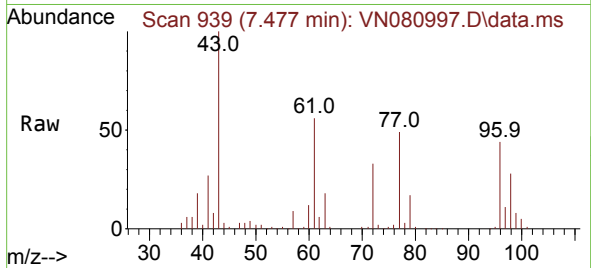




#25
2-Butanone
Concen: 202.960 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

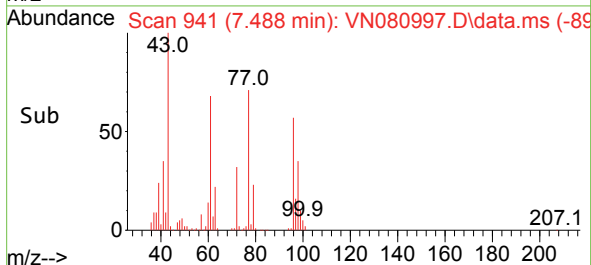
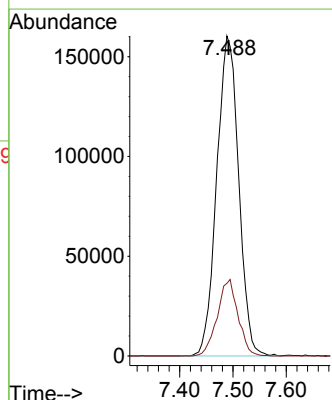
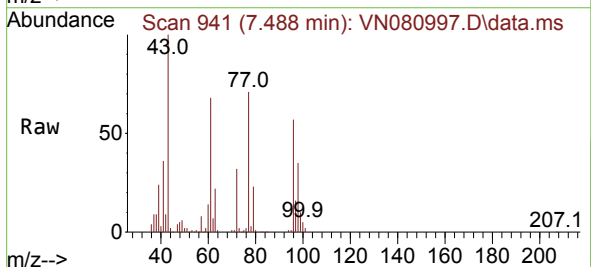
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

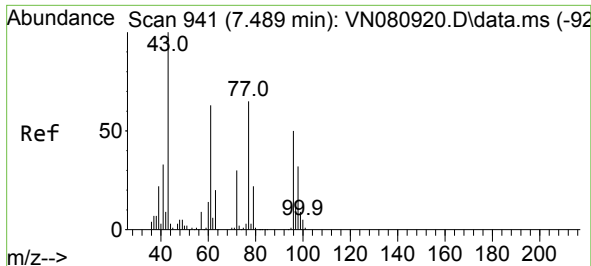
Tgt Ion: 43 Resp: 634491
Ion Ratio Lower Upper
43 100
72 32.8 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 49.901 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 77 Resp: 459193
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

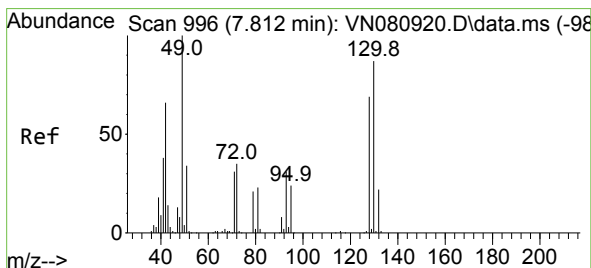
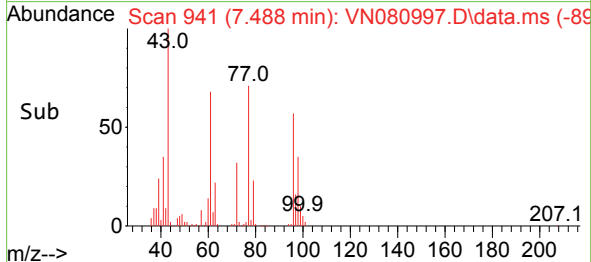
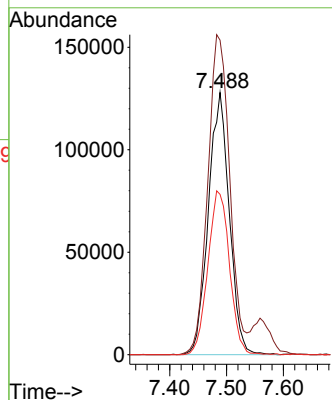
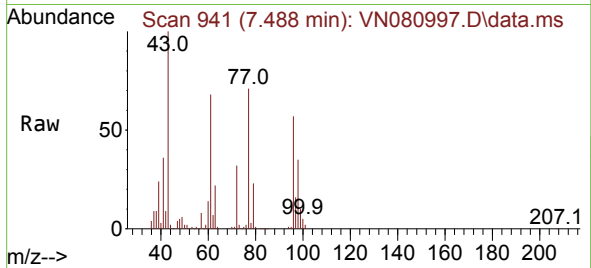




#27
 cis-1,2-Dichloroethene
 Concen: 49.876 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

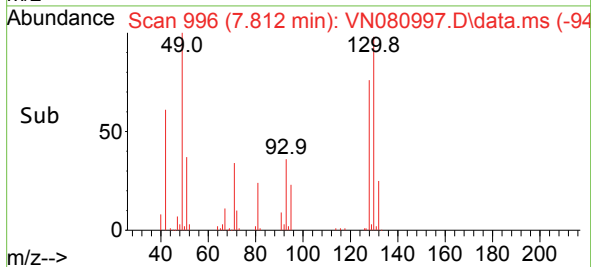
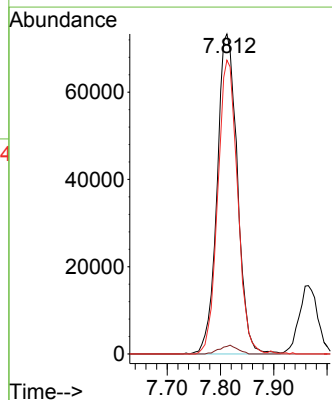
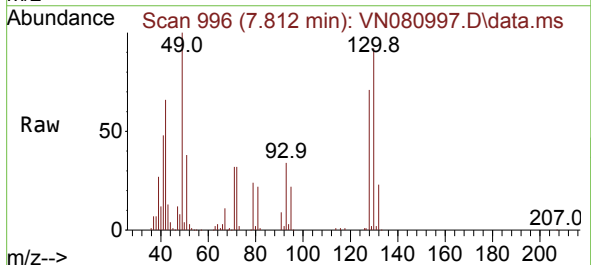
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

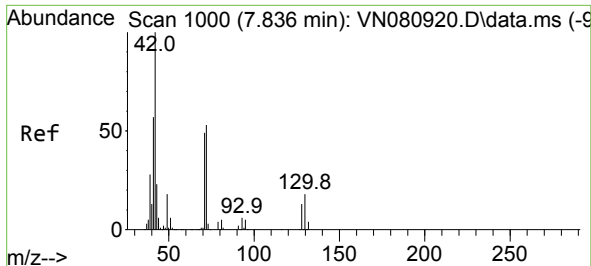
Tgt Ion: 96 Resp: 327316
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 325.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 46.174 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

Tgt Ion: 49 Resp: 193344
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 89.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 221.692 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

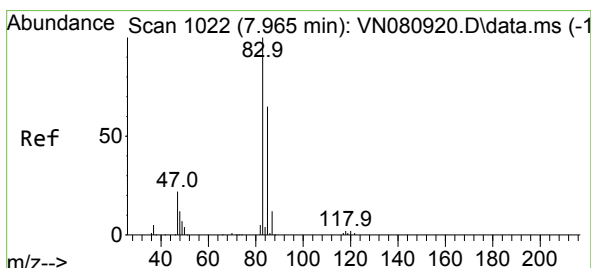
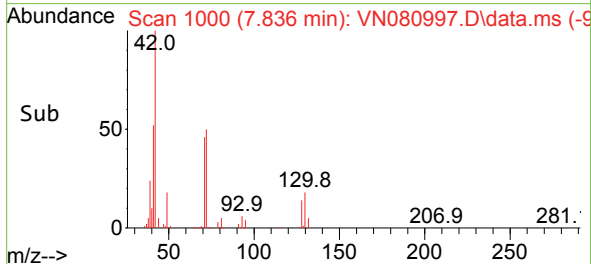
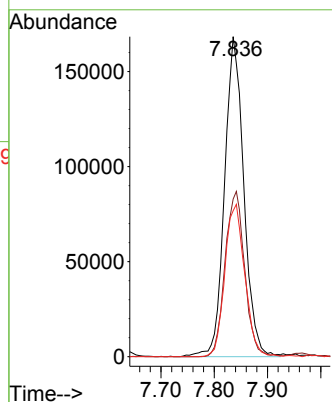
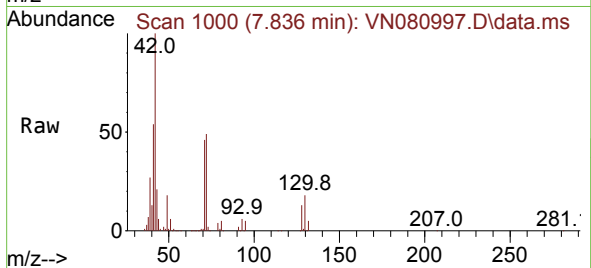
Tgt Ion: 42 Resp: 423726

Ion Ratio Lower Upper

42 100

72 52.4 31.1 46.7#

71 49.2 28.3 42.5#



#30

Chloroform

Concen: 46.677 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080997.D

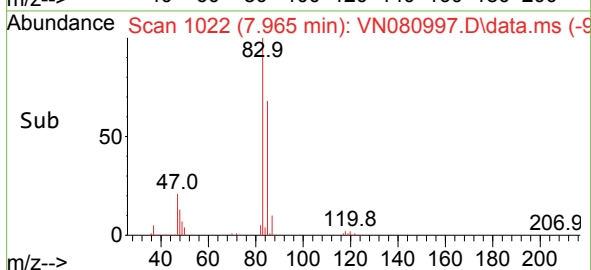
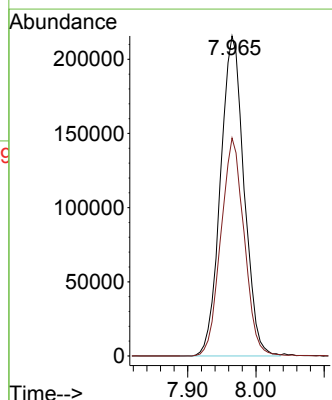
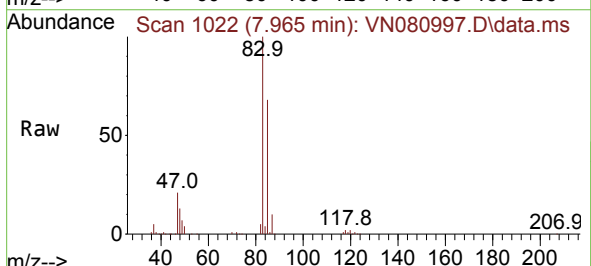
Acq: 12 Feb 2024 10:35

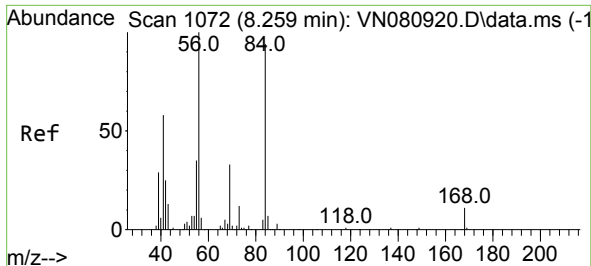
Tgt Ion: 83 Resp: 519099

Ion Ratio Lower Upper

83 100

85 68.1 51.0 76.6

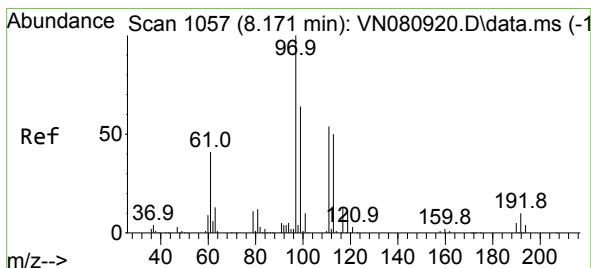
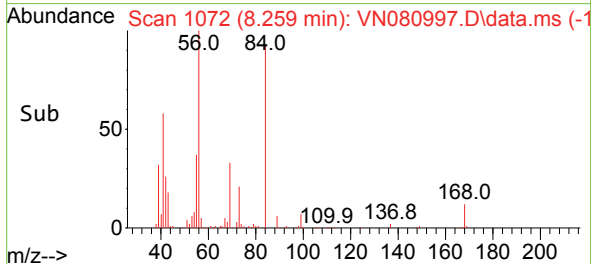
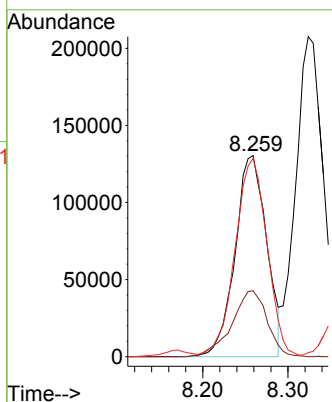
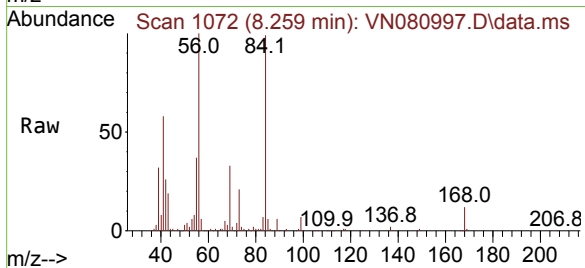




#31
Cyclohexane
Concen: 41.474 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

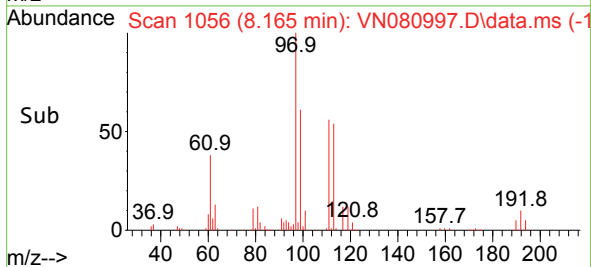
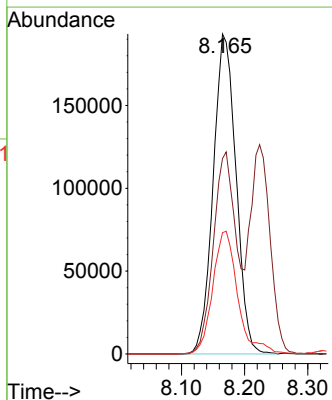
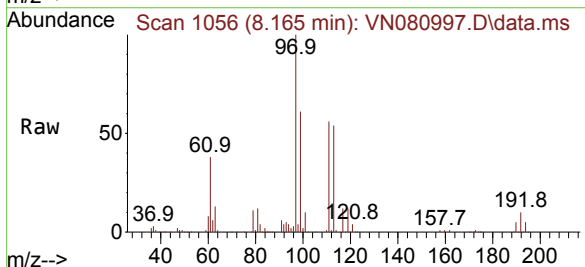
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

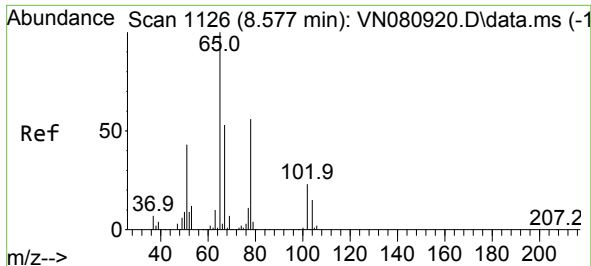
Tgt Ion: 56 Resp: 335569
Ion Ratio Lower Upper
56 100
69 32.8 20.1 30.1#
84 95.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 50.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 97 Resp: 484874
Ion Ratio Lower Upper
97 100
99 64.8 53.4 80.0
61 42.2 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 47.676 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

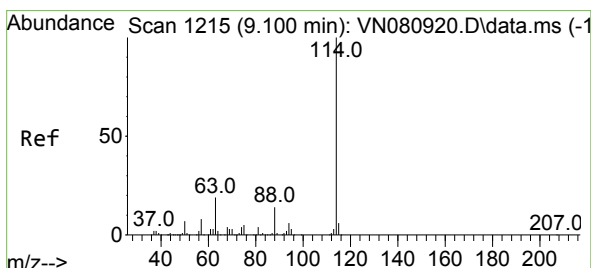
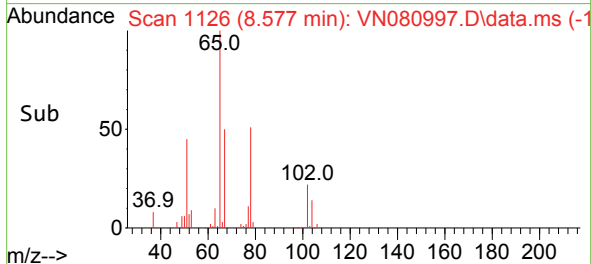
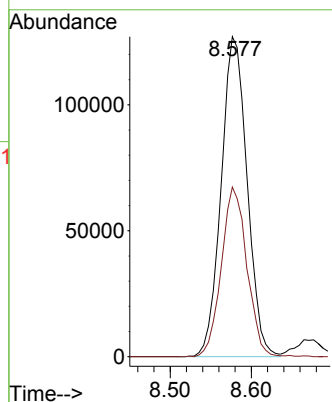
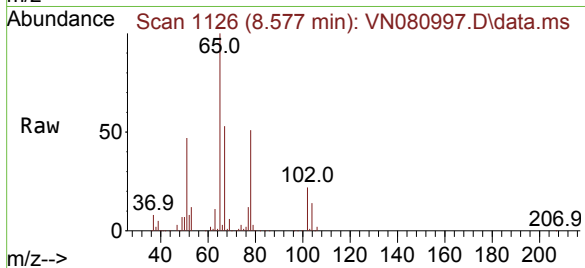
VSTDCCC050

Tgt Ion: 65 Resp: 282242

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

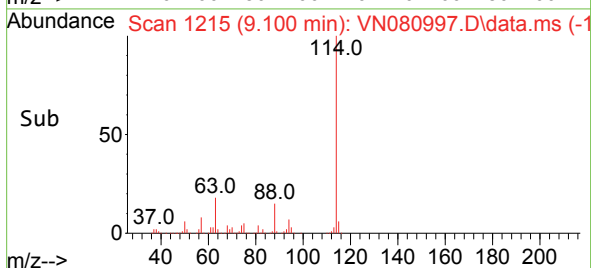
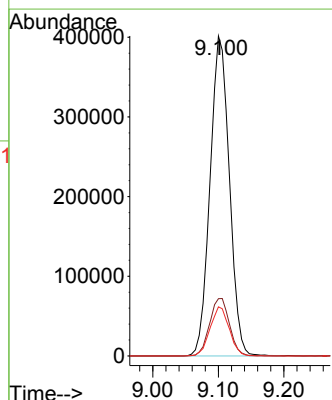
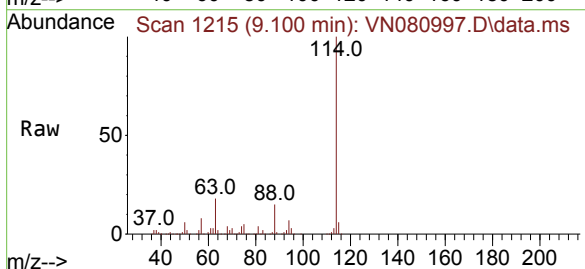
Tgt Ion: 114 Resp: 822124

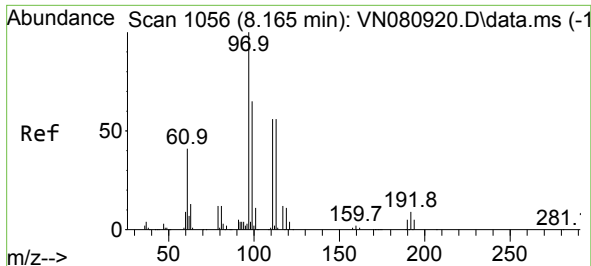
Ion Ratio Lower Upper

114 100

63 17.9 0.0 48.0

88 15.3 0.0 34.8

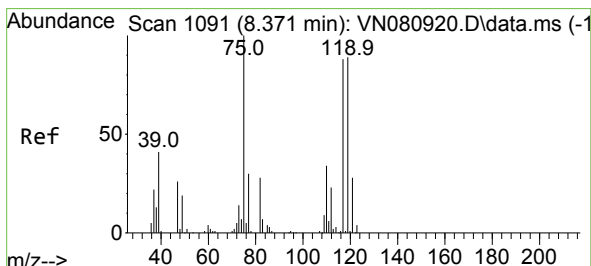
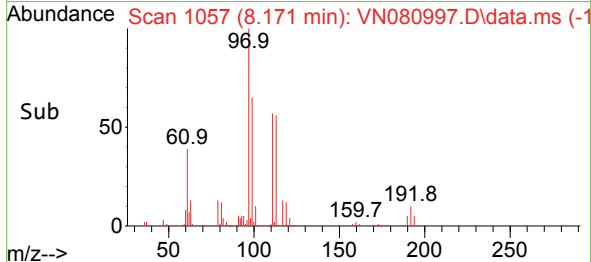
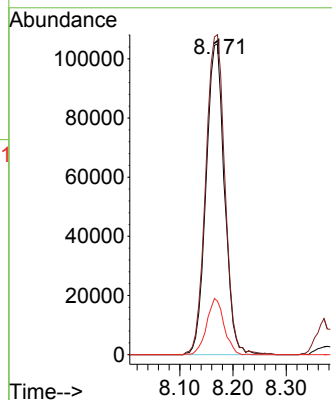
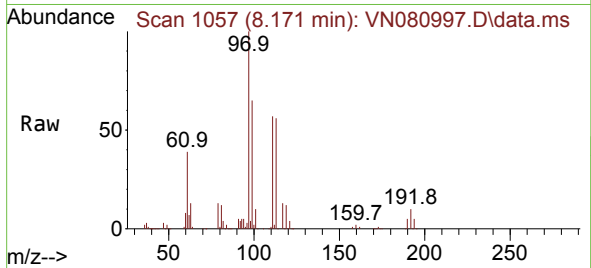




#35
Dibromofluoromethane
Concen: 57.168 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

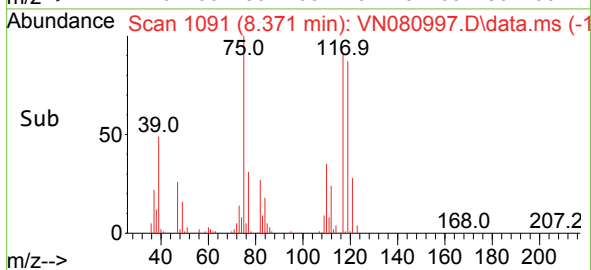
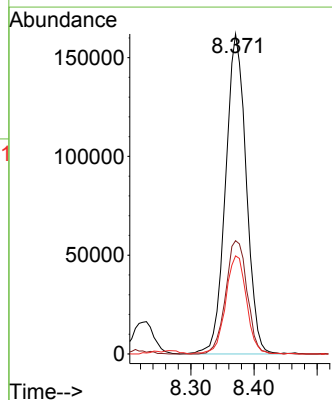
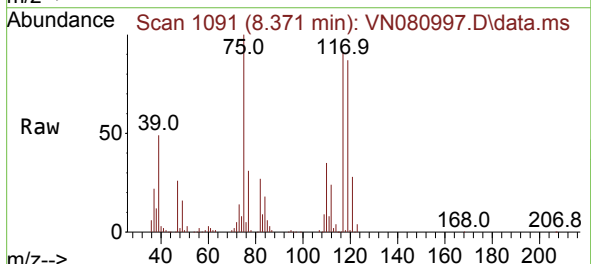
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

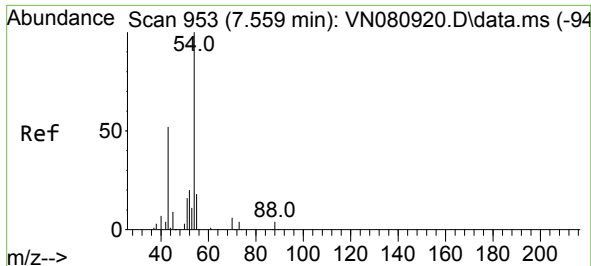
Tgt Ion:113 Resp: 252197
Ion Ratio Lower Upper
113 100
111 107.1 82.2 123.4
192 17.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 56.033 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 75 Resp: 367732
Ion Ratio Lower Upper
75 100
110 36.9 16.0 48.0
77 31.0 25.8 38.6





#37

Ethyl Acetate

Concen: 53.884 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

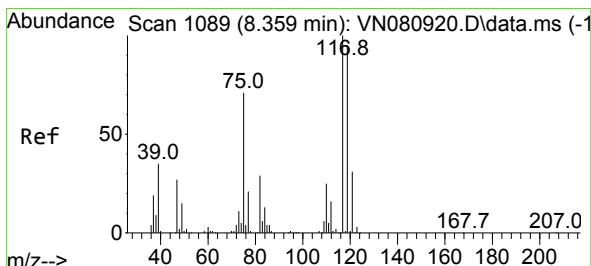
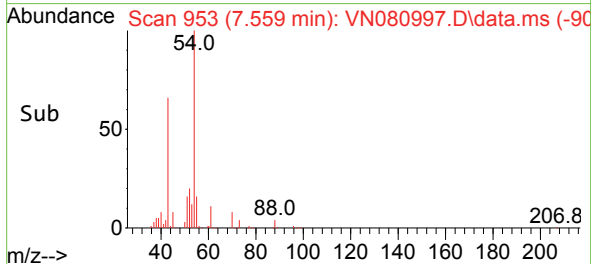
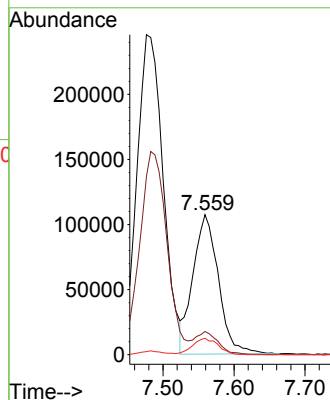
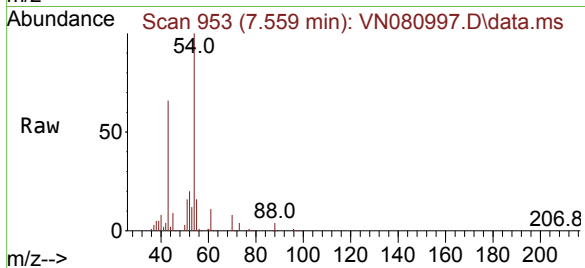
Tgt Ion: 43 Resp: 267583

Ion Ratio Lower Upper

43 100

61 15.3 10.6 15.8

70 11.7 8.0 12.0



#38

Carbon Tetrachloride

Concen: 60.611 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

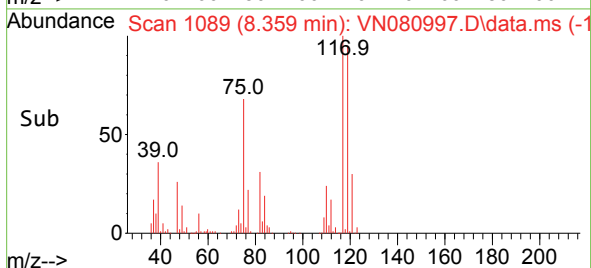
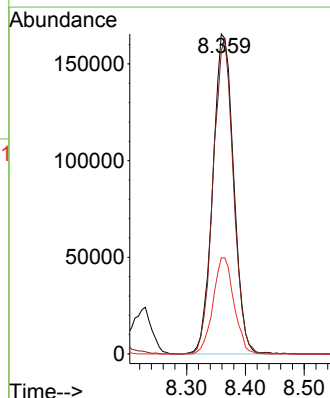
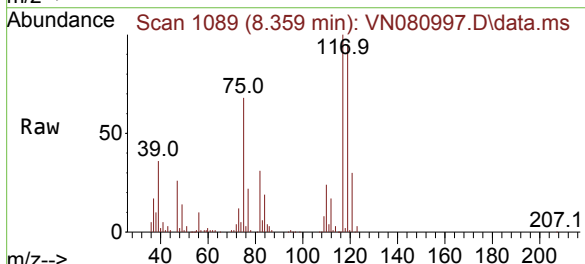
Tgt Ion: 117 Resp: 407773

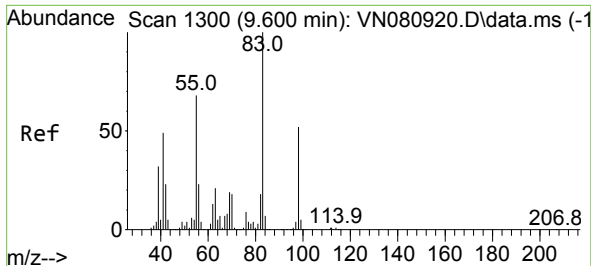
Ion Ratio Lower Upper

117 100

119 94.8 73.4 110.2

121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 48.863 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

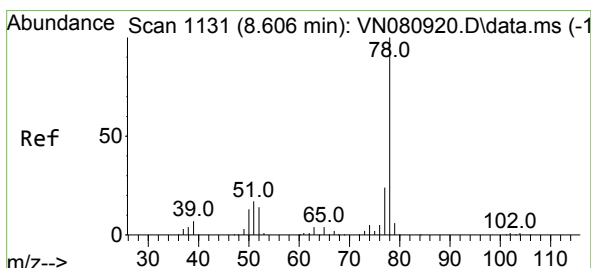
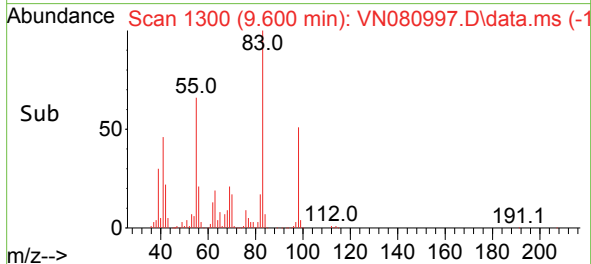
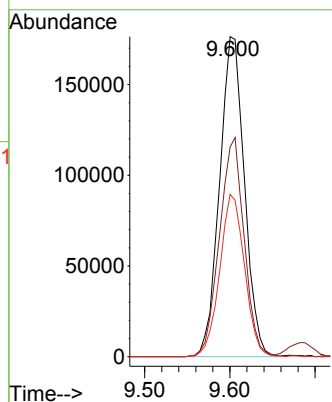
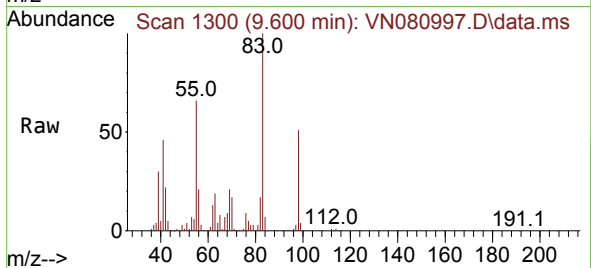
Tgt Ion: 83 Resp: 357415

Ion Ratio Lower Upper

83 100

55 65.5 65.7 98.5#

98 50.7 33.8 50.6#



#40

Benzene

Concen: 55.902 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080997.D

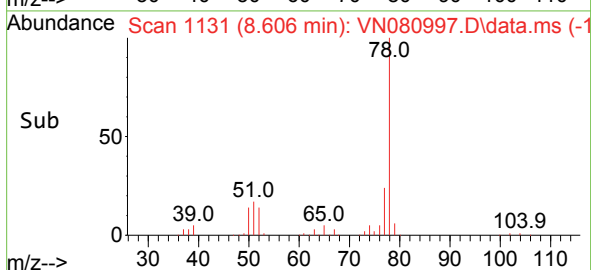
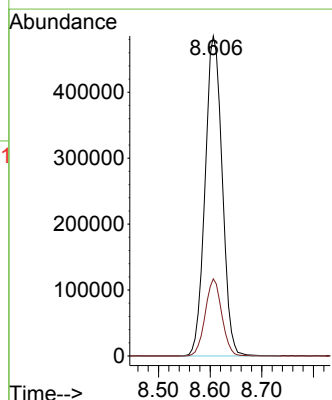
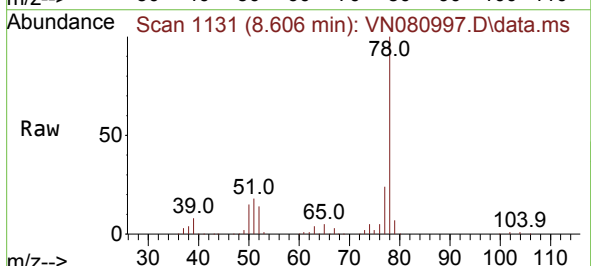
Acq: 12 Feb 2024 10:35

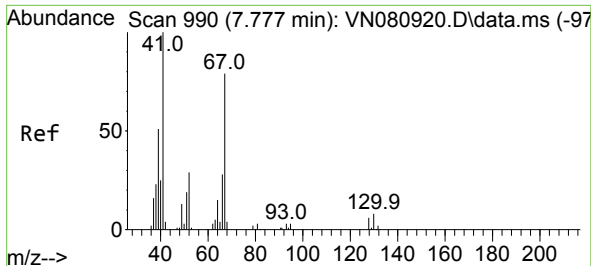
Tgt Ion: 78 Resp: 1116752

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

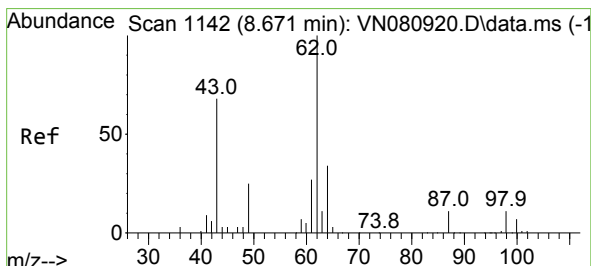
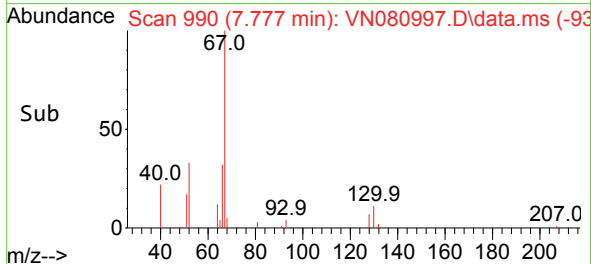
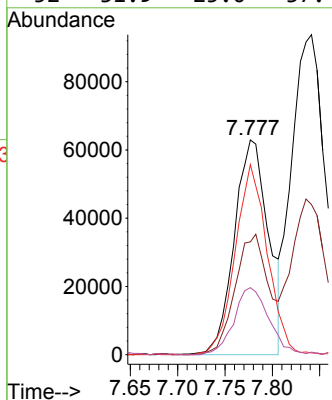
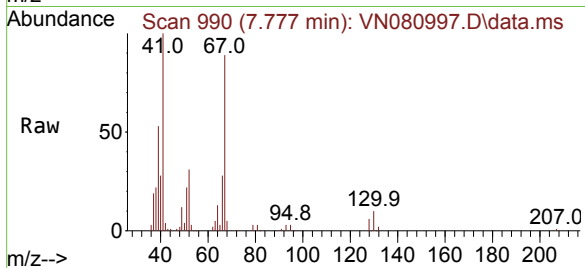




#41
Methacrylonitrile
Concen: 53.215 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

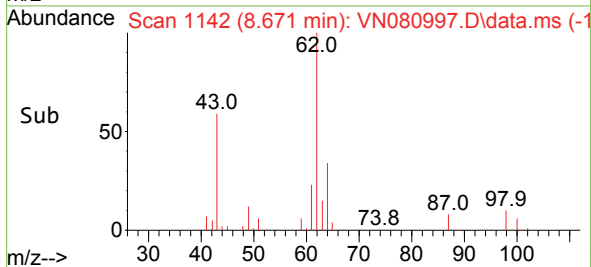
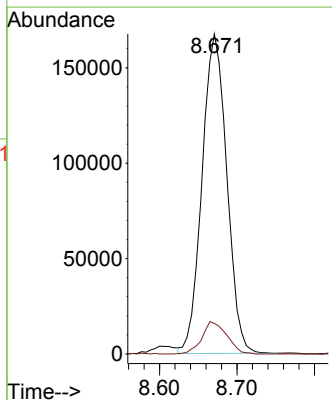
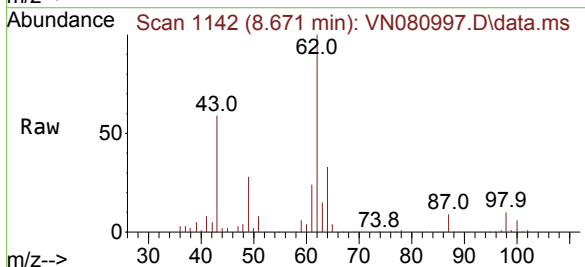
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

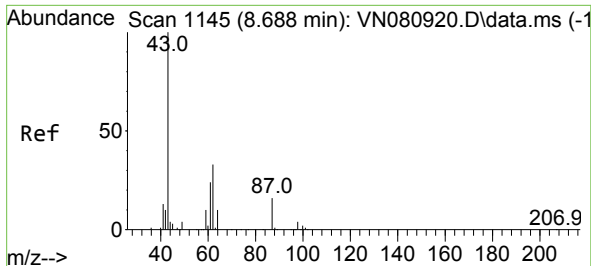
Tgt Ion:	41	Resp:	157486
Ion	Ratio	Lower	Upper
41	100		
39	55.5	48.4	72.6
67	83.9	56.8	85.2
52	31.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 53.545 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:	62	Resp:	372437
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.0

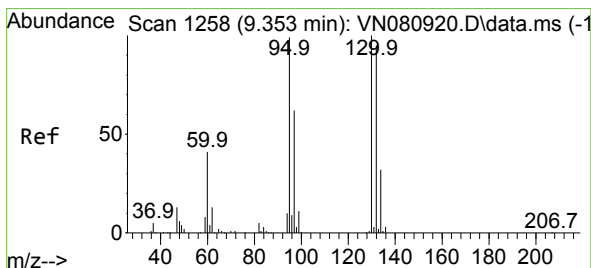
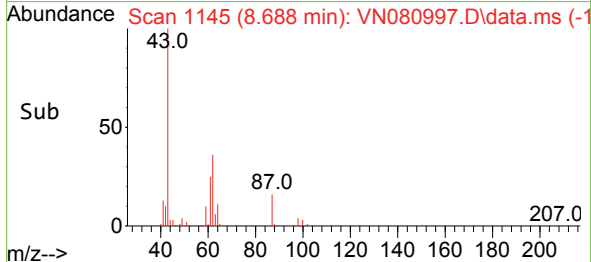
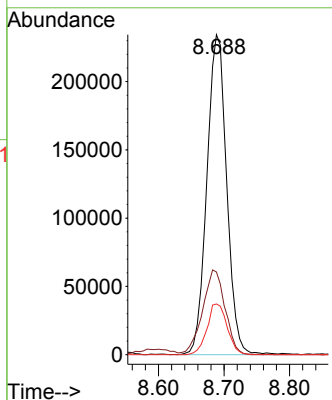
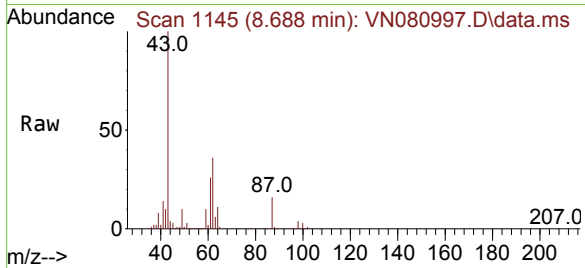




#43
Isopropyl Acetate
Concen: 53.929 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

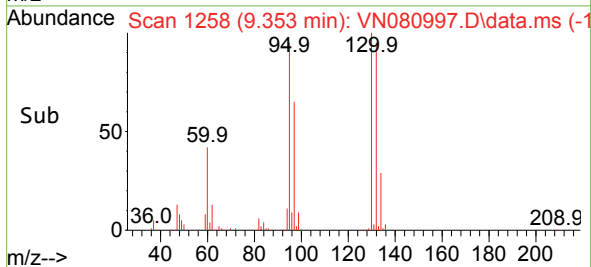
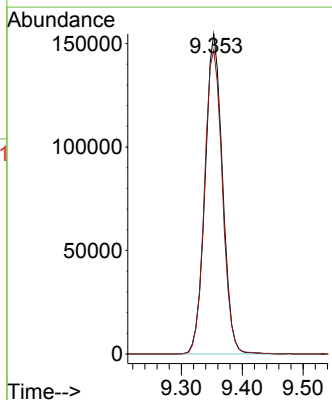
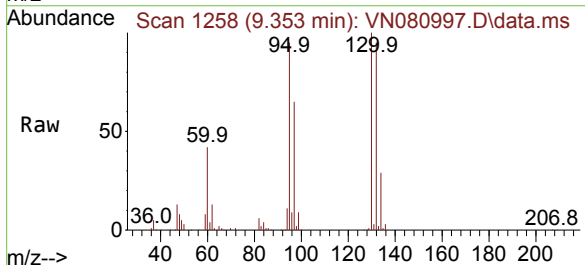
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

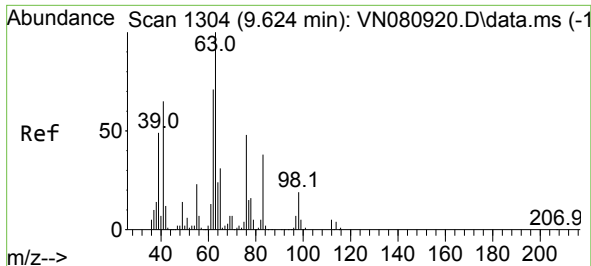
Tgt Ion: 43 Resp: 492458
Ion Ratio Lower Upper
43 100
61 30.1 19.9 29.9#
87 16.1 9.0 13.6#



#44
Trichloroethene
Concen: 50.617 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:130 Resp: 307137
Ion Ratio Lower Upper
130 100
95 95.0 0.0 210.4

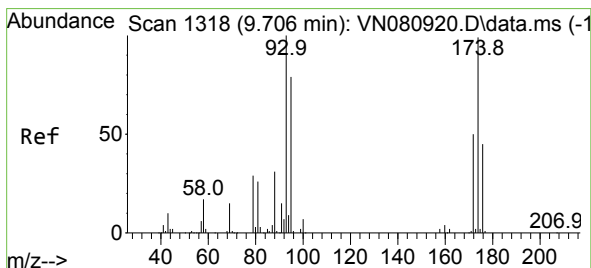
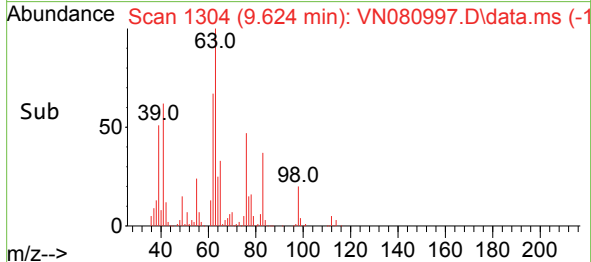
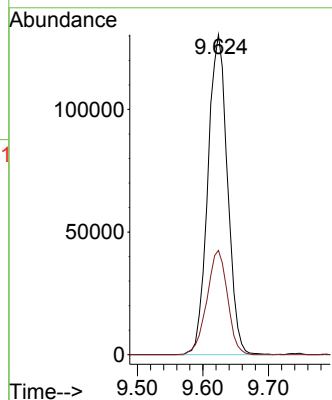
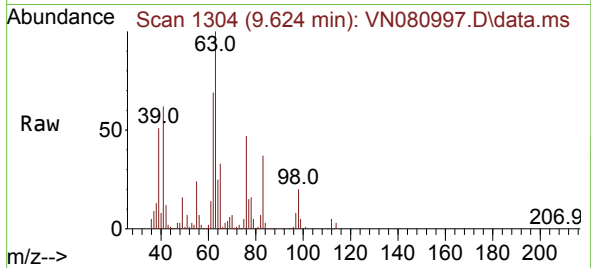




#45
1,2-Dichloropropane
Concen: 50.236 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

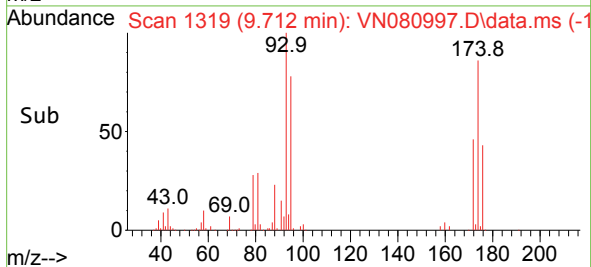
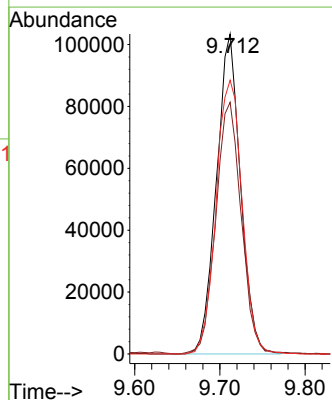
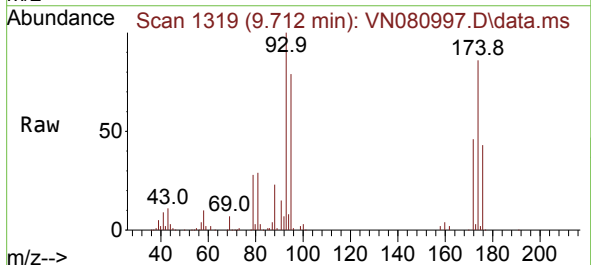
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

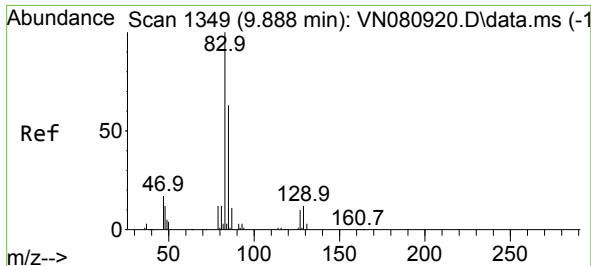
Tgt Ion: 63 Resp: 270770
Ion Ratio Lower Upper
63 100
65 32.5 26.1 39.1



#46
Dibromomethane
Concen: 50.880 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 93 Resp: 202791
Ion Ratio Lower Upper
93 100
95 83.4 68.1 102.1
174 92.5 57.2 85.8#

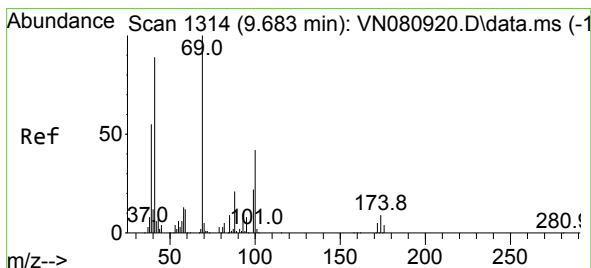
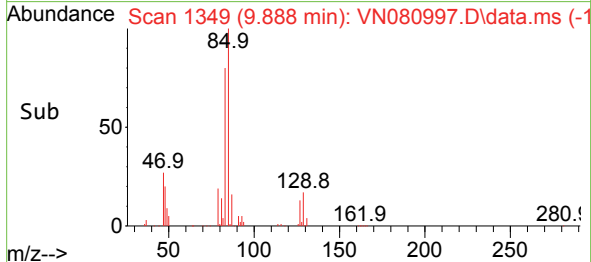
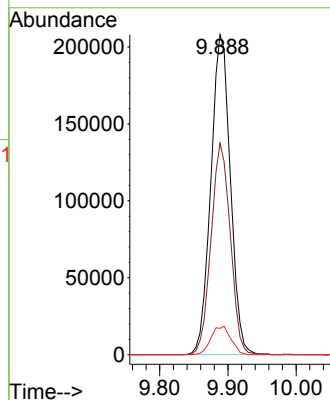
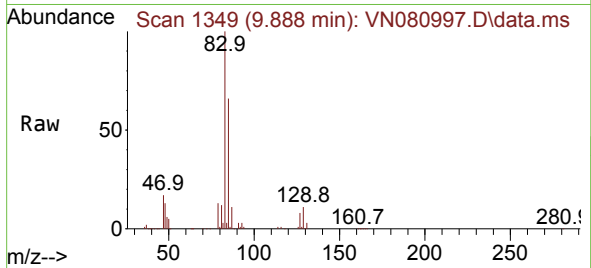




#47
Bromodichloromethane
Concen: 53.186 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

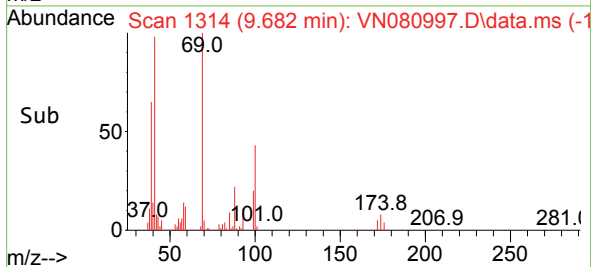
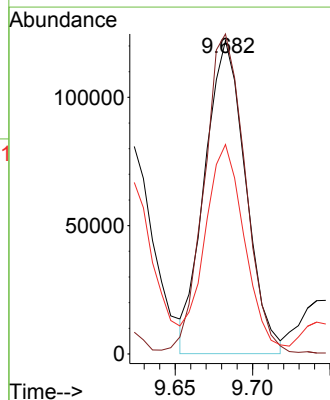
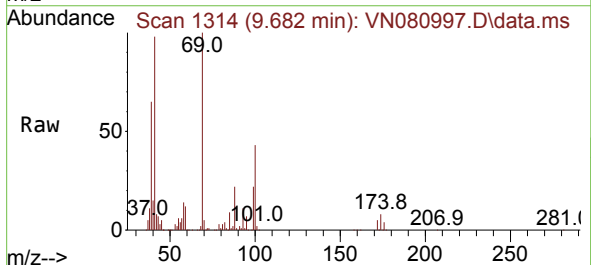
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

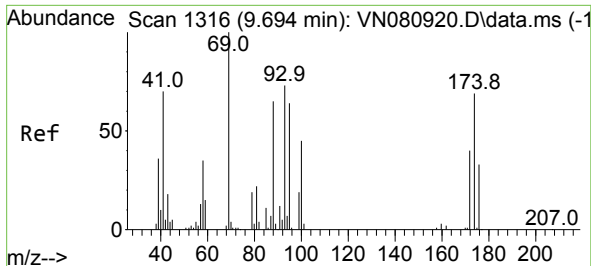
Tgt Ion: 83 Resp: 414638
Ion Ratio Lower Upper
83 100
85 66.1 52.3 78.5
127 8.3 4.6 7.0#



#48
Methyl methacrylate
Concen: 43.494 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 41 Resp: 223772
Ion Ratio Lower Upper
41 100
69 103.1 62.2 93.2#
39 65.9 47.6 71.4





#49

1,4-Dioxane

Concen: 940.297 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

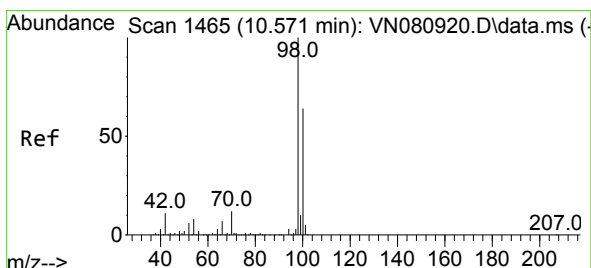
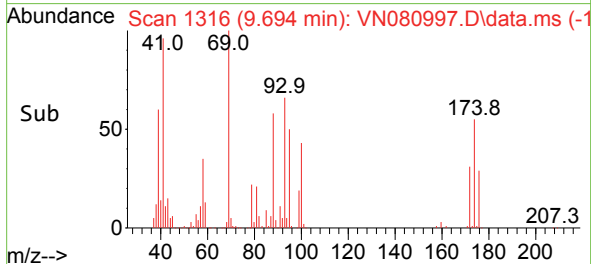
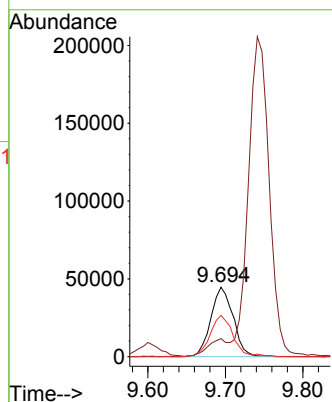
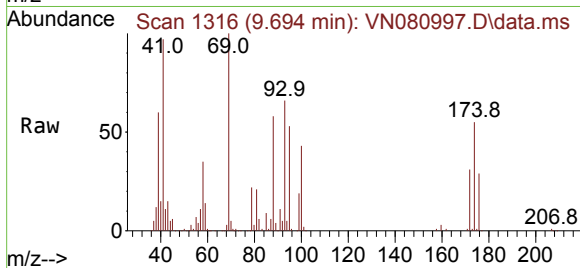
Tgt Ion: 88 Resp: 89324

Ion Ratio Lower Upper

88 100

43 23.6 30.1 45.1#

58 61.4 63.9 95.9#



#50

Toluene-d8

Concen: 56.158 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080997.D

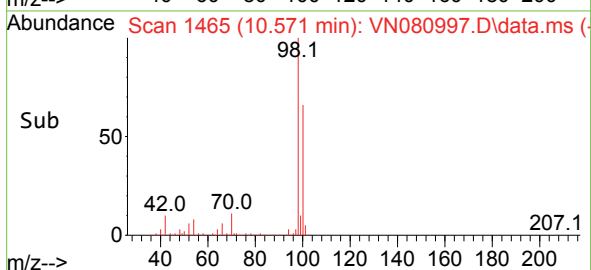
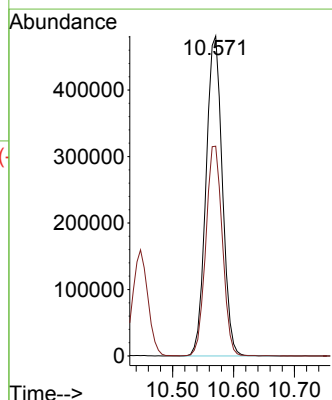
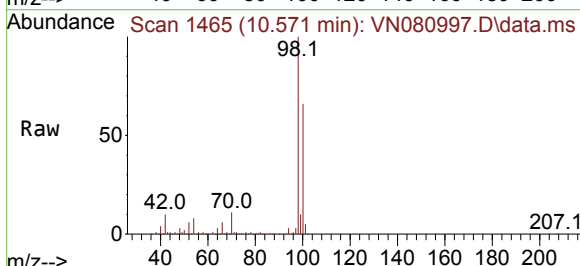
Acq: 12 Feb 2024 10:35

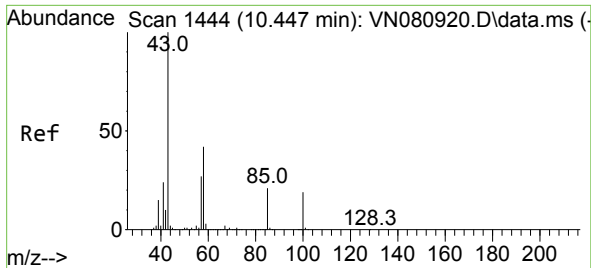
Tgt Ion: 98 Resp: 896106

Ion Ratio Lower Upper

98 100

100 66.4 51.4 77.0

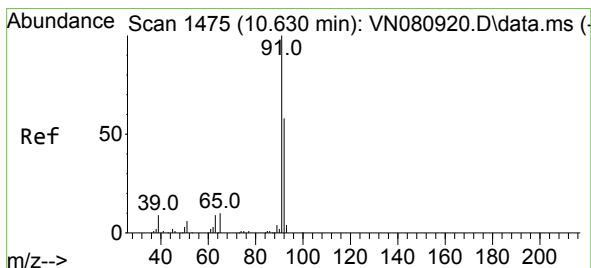
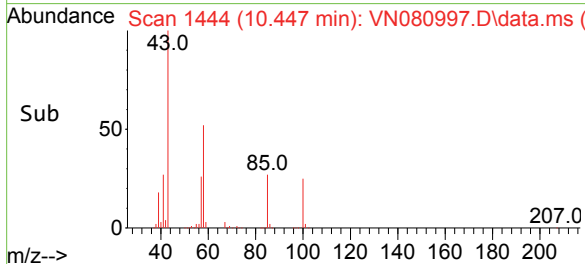
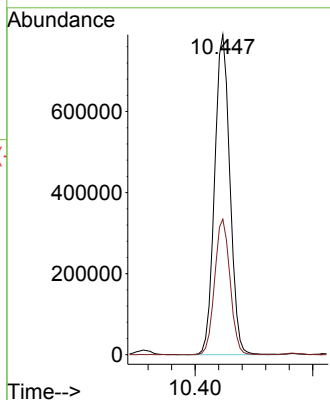
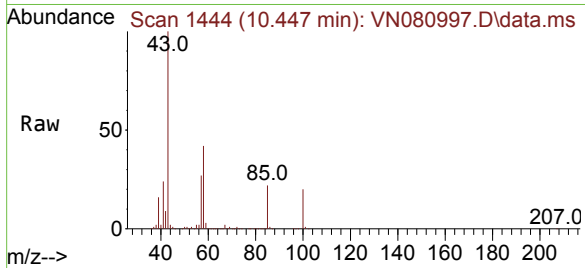




#51
4-Methyl-2-Pentanone
Concen: 259.587 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

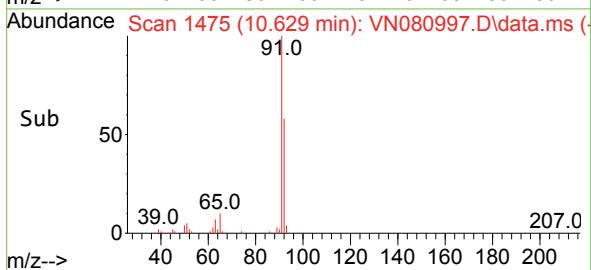
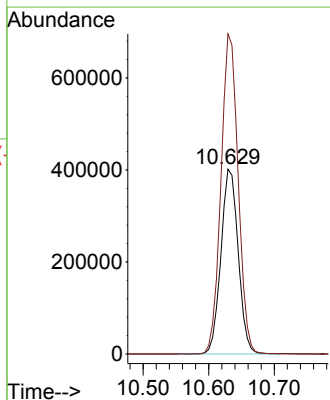
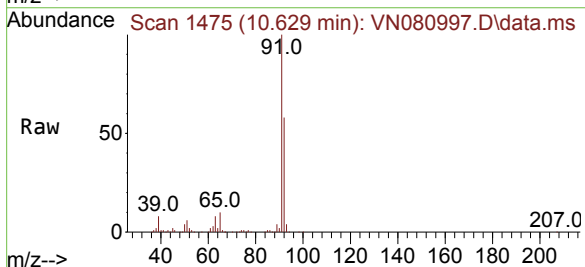
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

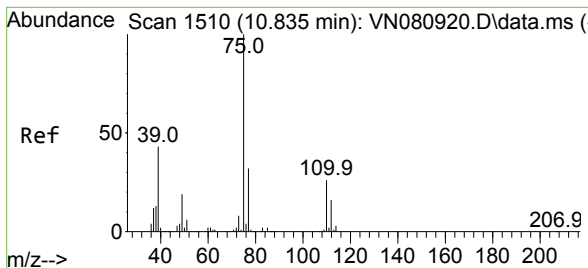
Tgt Ion: 43 Resp: 1428536
Ion Ratio Lower Upper
43 100
58 42.5 29.4 44.0



#52
Toluene
Concen: 54.689 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 92 Resp: 731792
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0

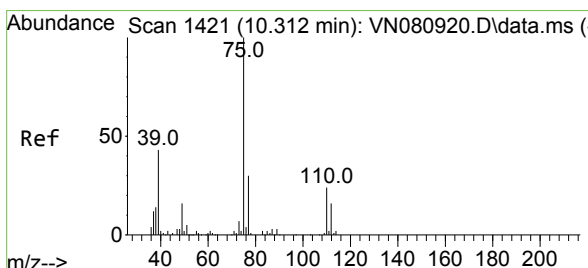
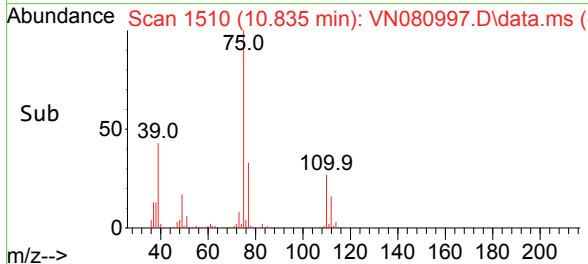
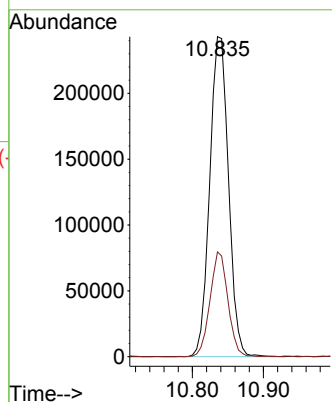
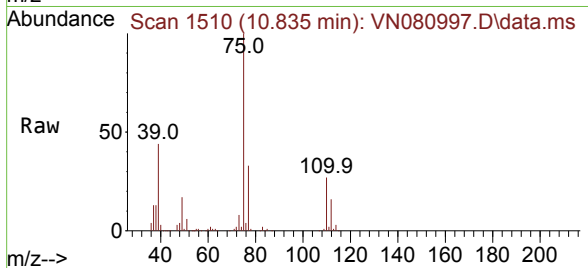




#53
 t-1,3-Dichloropropene
 Concen: 59.058 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

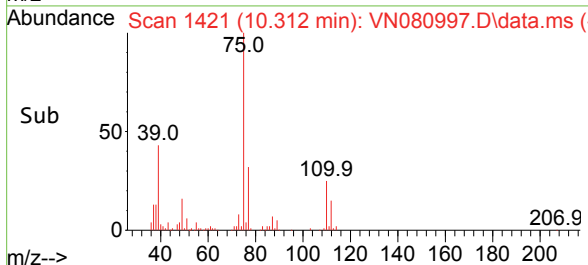
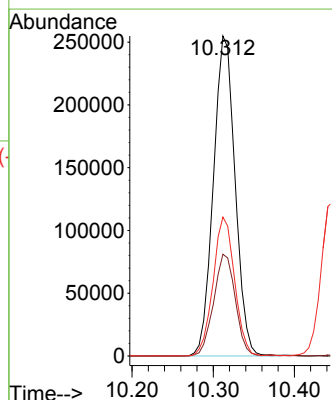
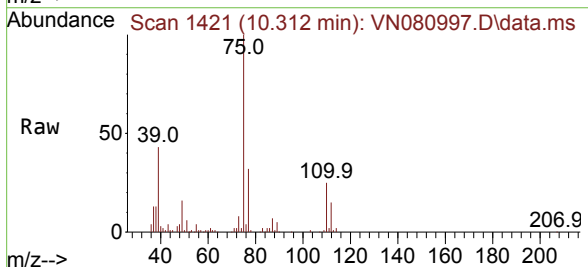
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

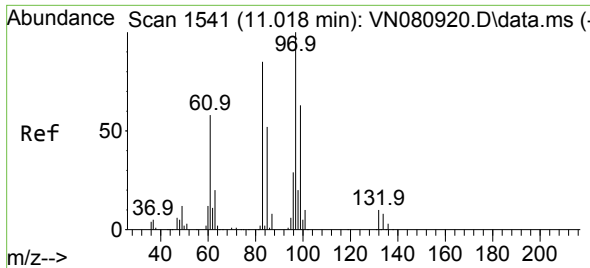
Tgt Ion: 75 Resp: 445505
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 55.990 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

Tgt Ion: 75 Resp: 474106
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.3 34.9
 39 43.2 44.6 66.8#



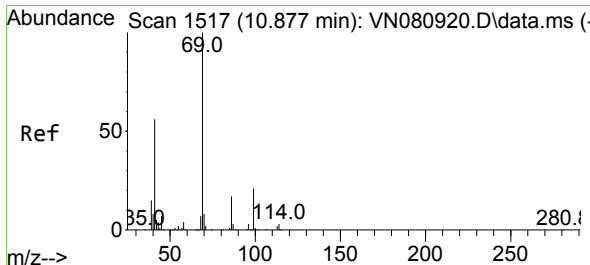
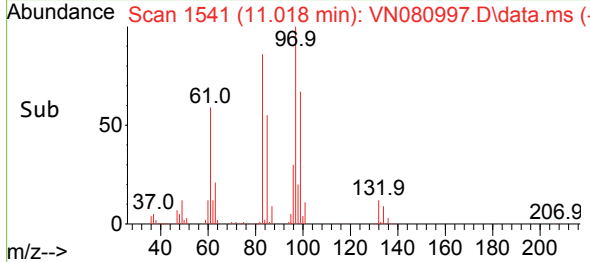
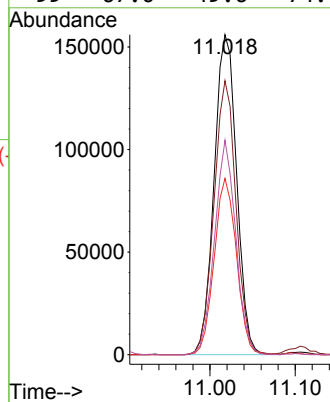
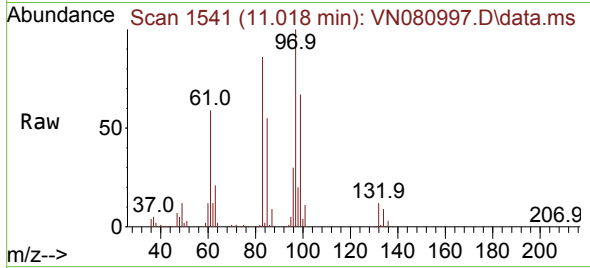


#55
1,1,2-Trichloroethane
Concen: 55.380 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 286412

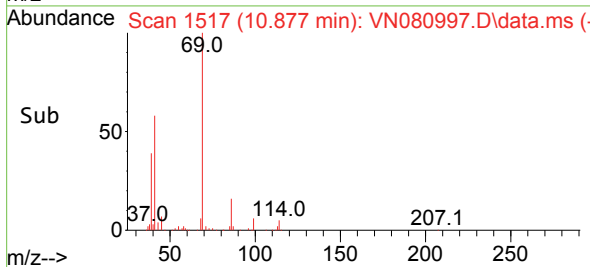
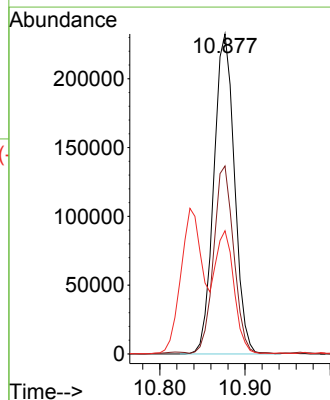
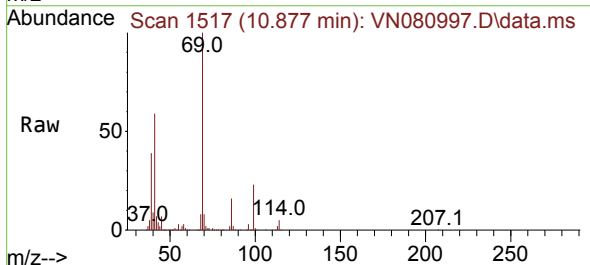
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.9	109.3
85	55.1	50.2	75.2
99	67.0	49.6	74.4

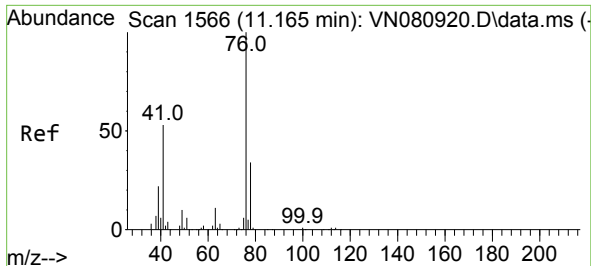


#56
Ethyl methacrylate
Concen: 63.264 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 69 Resp: 391402

Ion	Ratio	Lower	Upper
69	100		
41	57.2	61.0	91.6#
39	34.3	31.8	47.6





#57

1,3-Dichloropropane

Concen: 55.514 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

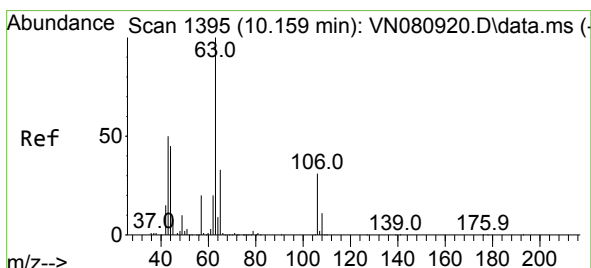
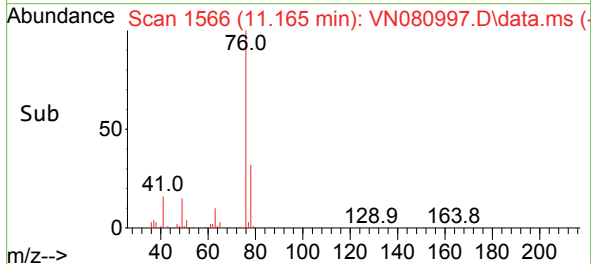
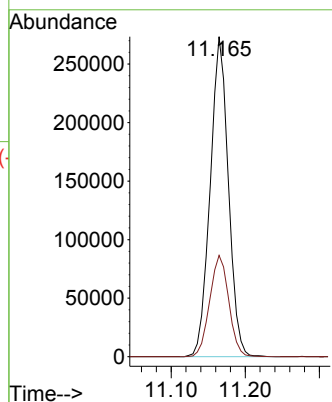
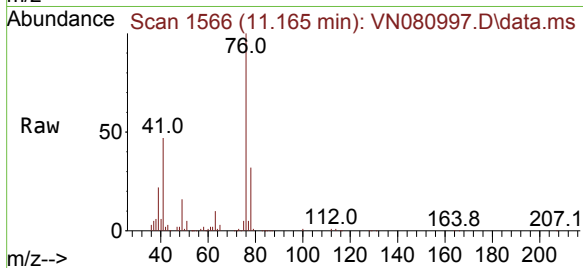
VSTDCCC050

Tgt Ion: 76 Resp: 465808

Ion Ratio Lower Upper

76 100

78 33.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 271.280 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080997.D

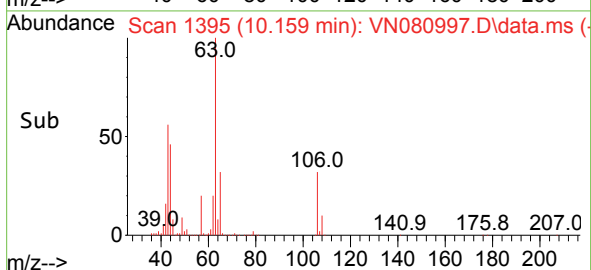
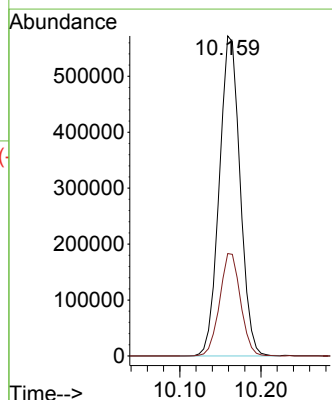
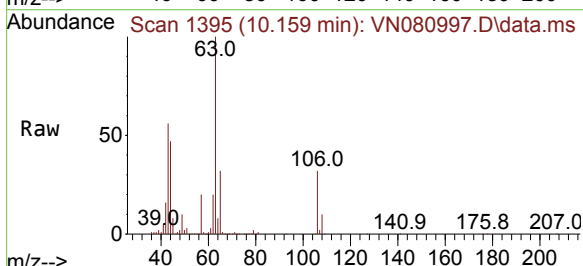
Acq: 12 Feb 2024 10:35

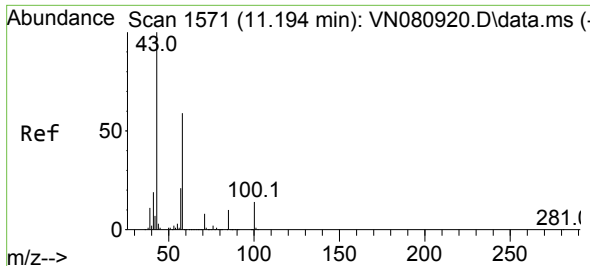
Tgt Ion: 63 Resp: 1018936

Ion Ratio Lower Upper

63 100

106 32.2 18.6 28.0#

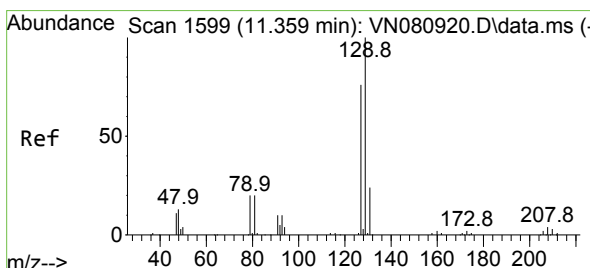
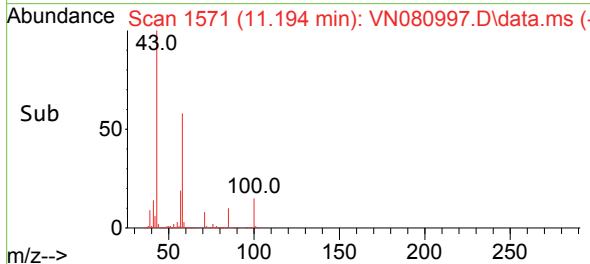
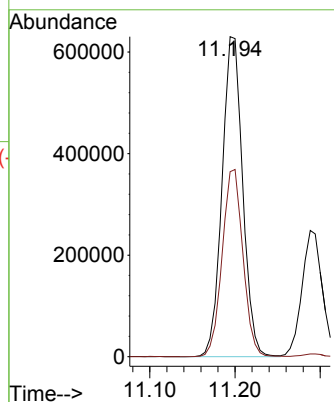
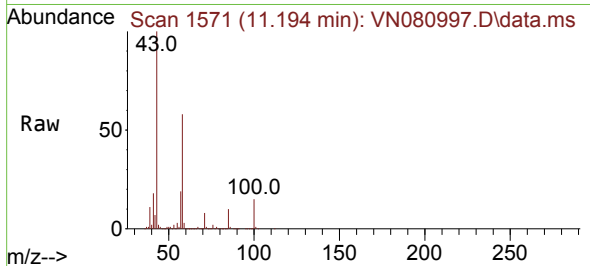




#59
2-Hexanone
Concen: 254.728 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

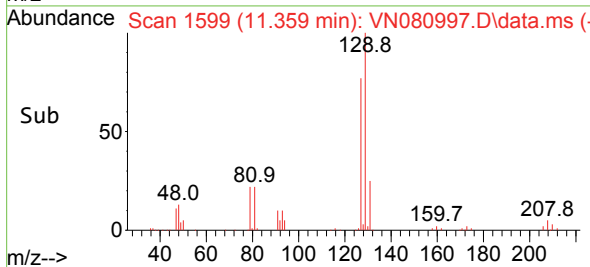
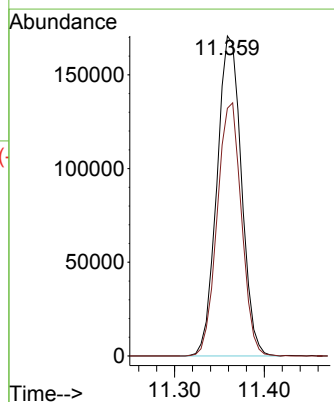
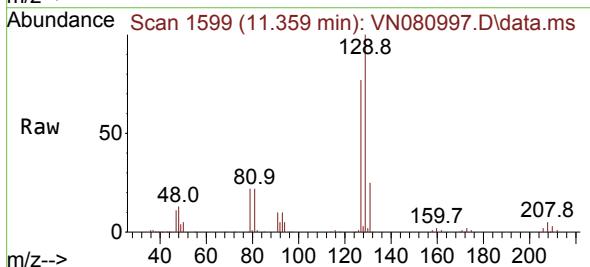
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

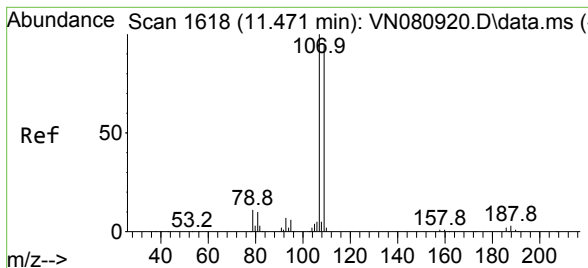
Tgt Ion: 43 Resp: 1062459
Ion Ratio Lower Upper
43 100
58 58.9 25.9 77.8



#60
Dibromochloromethane
Concen: 61.273 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:129 Resp: 323799
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.2

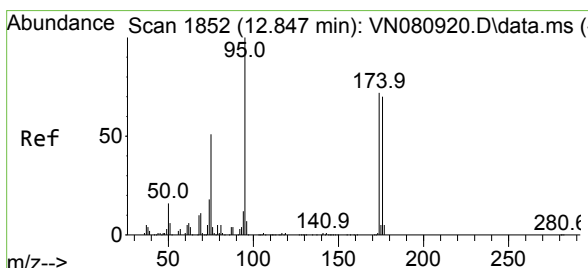
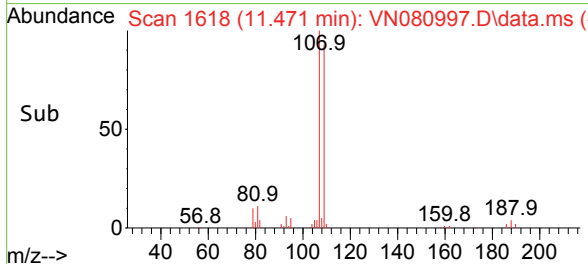
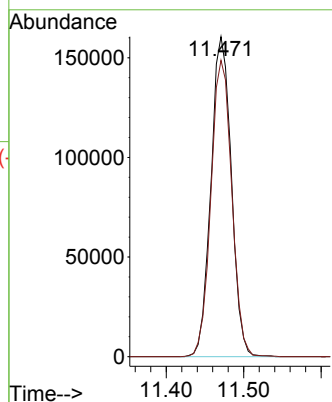
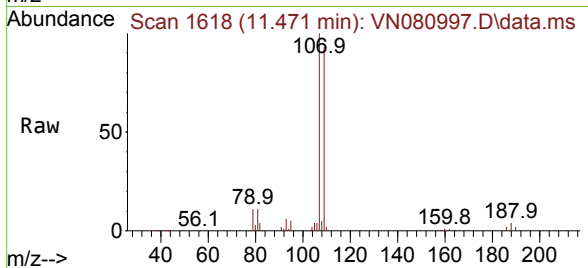




#61
1,2-Dibromoethane
Concen: 56.910 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

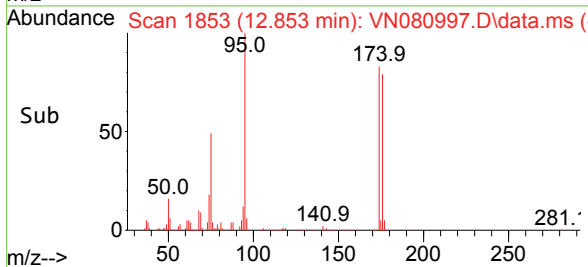
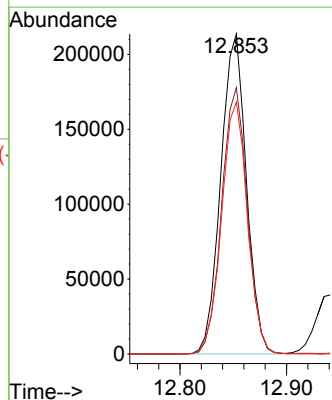
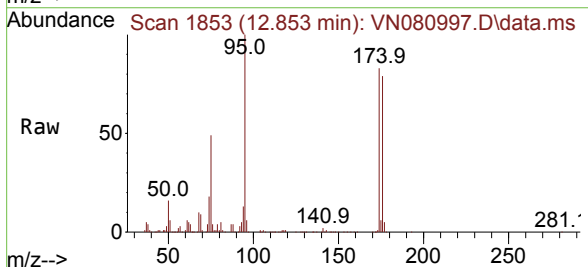
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

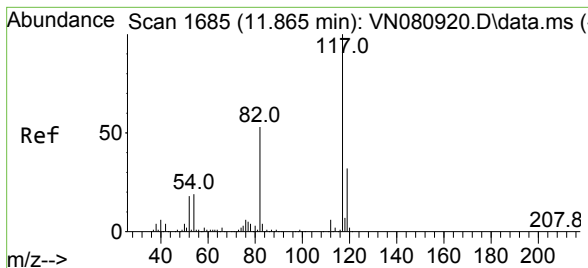
Tgt Ion:107 Resp: 293594
Ion Ratio Lower Upper
107 100
109 94.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 61.479 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 95 Resp: 356375
Ion Ratio Lower Upper
95 100
174 83.1 0.0 120.4
176 79.2 0.0 121.0

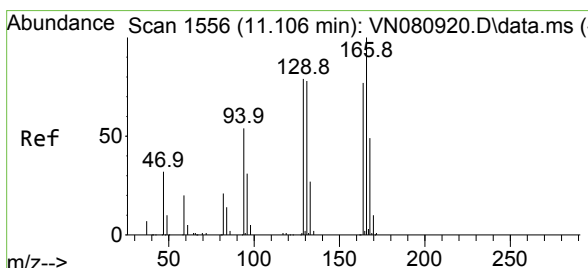
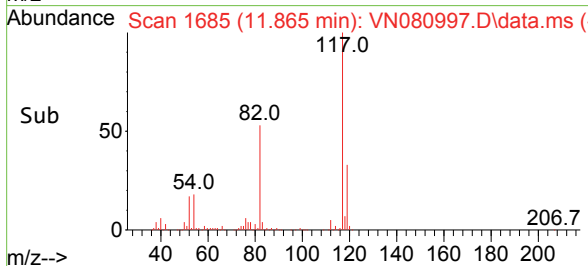
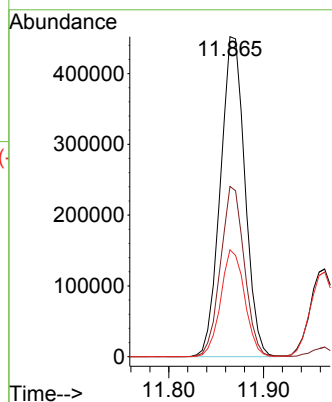
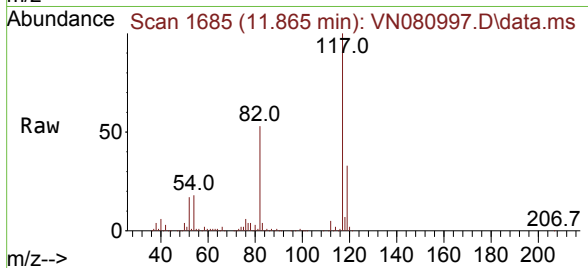




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

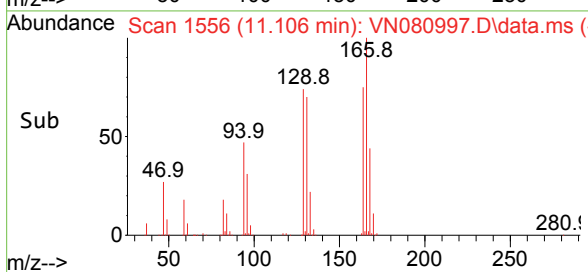
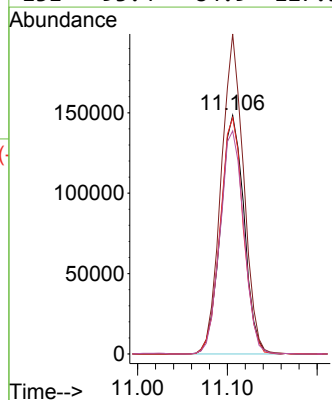
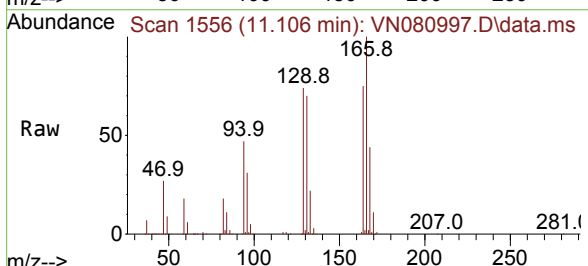
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

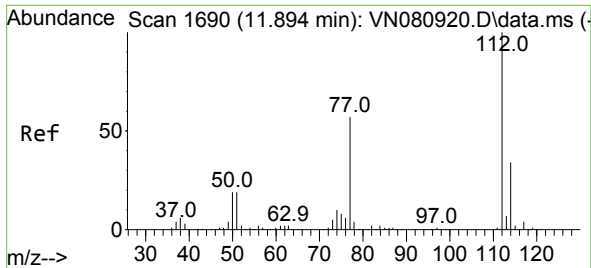
Tgt Ion:117 Resp: 812961
Ion Ratio Lower Upper
117 100
82 53.2 52.7 79.1
119 33.4 25.3 37.9



#64
Tetrachloroethene
Concen: 43.904 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:164 Resp: 269409
Ion Ratio Lower Upper
164 100
166 134.1 105.8 158.6
129 99.1 89.6 134.4
131 93.4 84.9 127.3

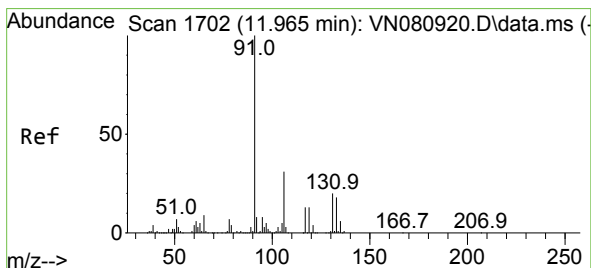
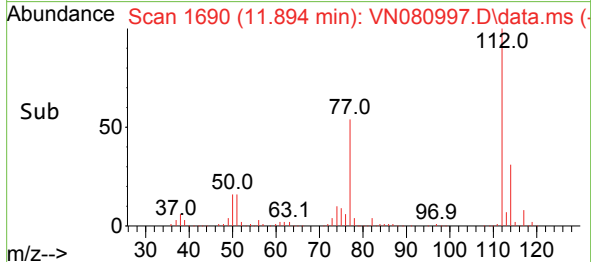
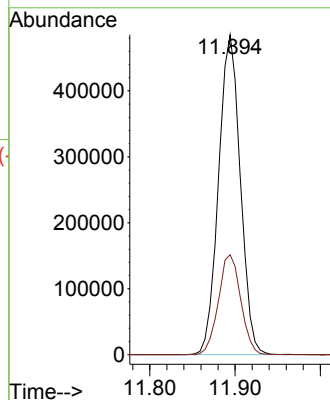
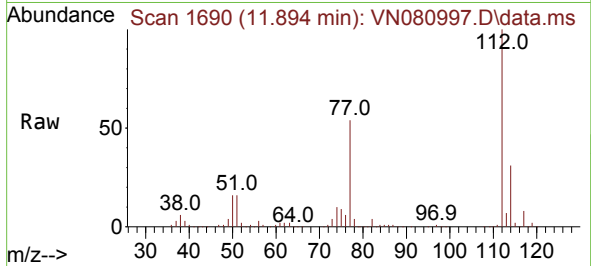




#65
Chlorobenzene
Concen: 50.466 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

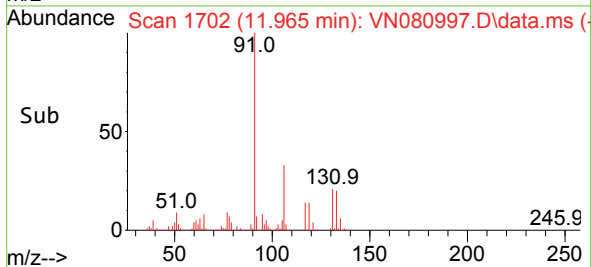
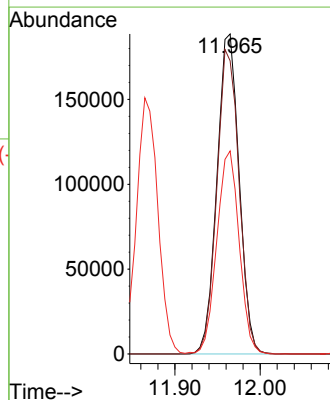
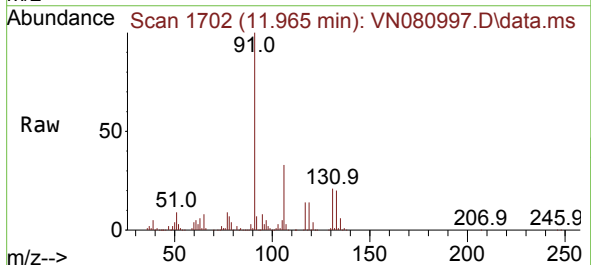
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

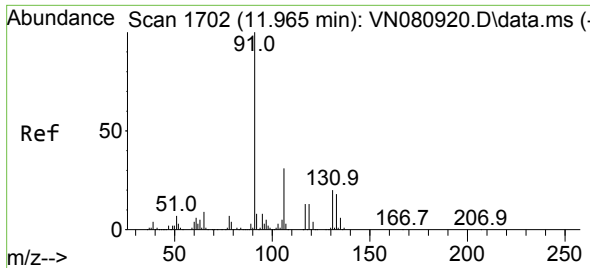
Tgt Ion:112 Resp: 859834
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.491 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:131 Resp: 341173
Ion Ratio Lower Upper
131 100
133 95.4 46.8 140.3
119 64.1 34.6 103.9

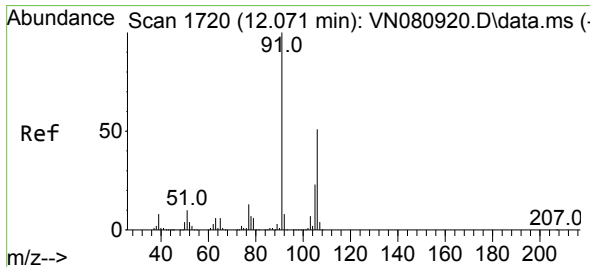
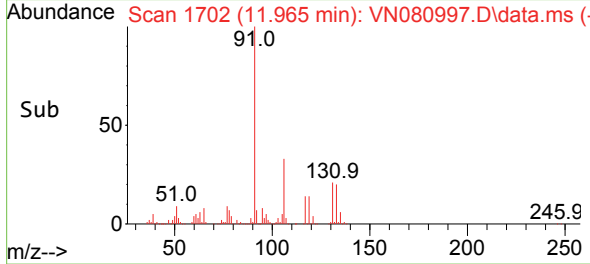
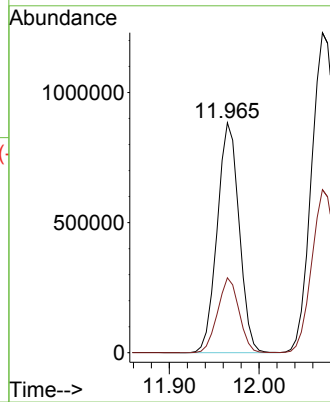
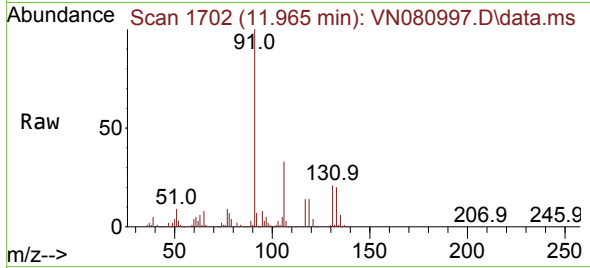




#67
Ethyl Benzene
Concen: 51.000 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

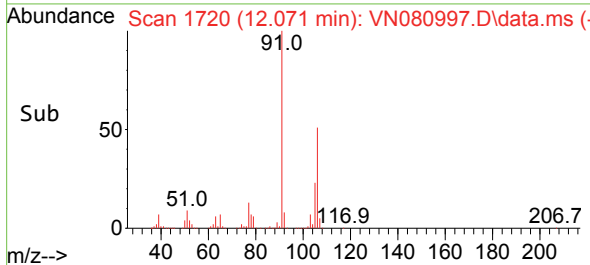
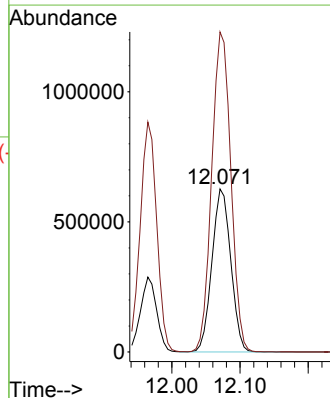
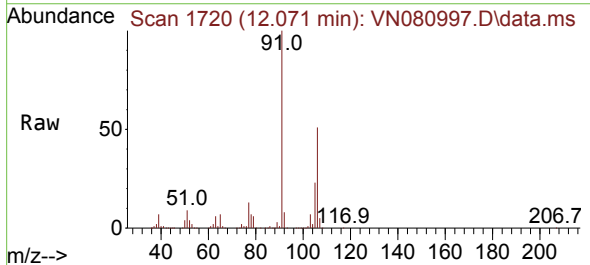
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

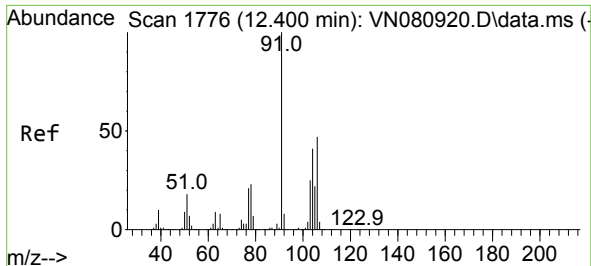
Tgt Ion: 91 Resp: 1496828
Ion Ratio Lower Upper
91 100
106 32.6 23.8 35.6



#68
m/p-Xylenes
Concen: 108.228 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:106 Resp: 1206791
Ion Ratio Lower Upper
106 100
91 199.3 169.0 253.6

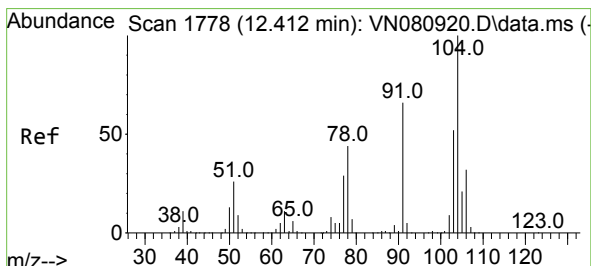
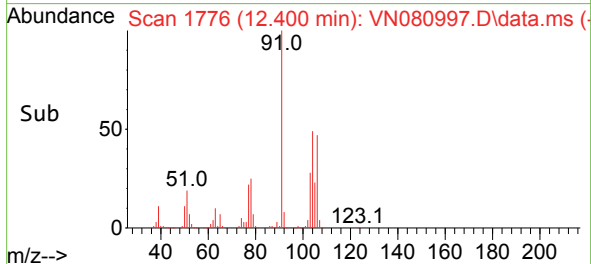
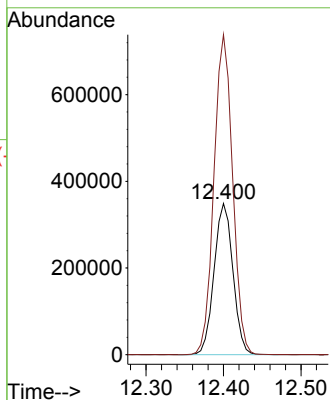
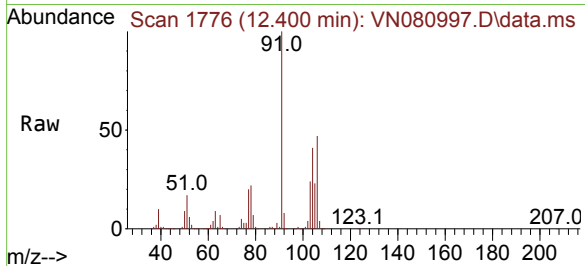




#69
o-Xylene
Concen: 54.437 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

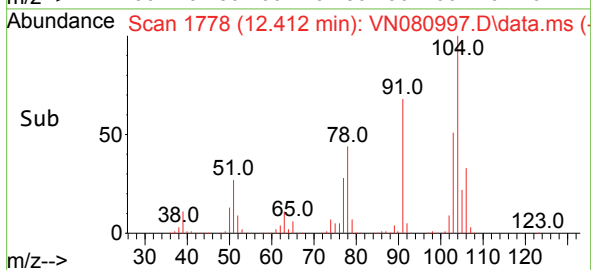
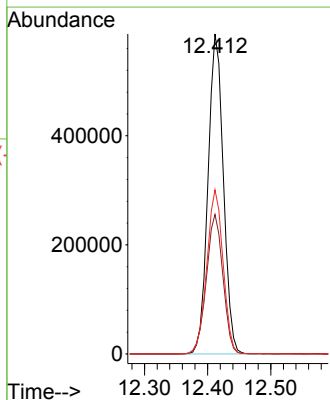
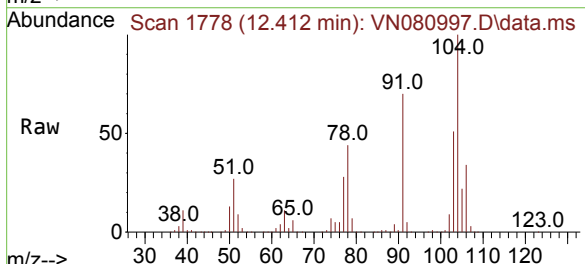
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

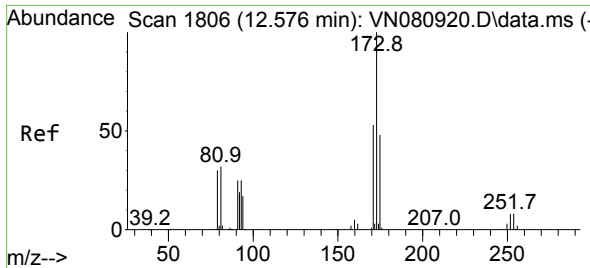
Tgt Ion:106 Resp: 588989
Ion Ratio Lower Upper
106 100
91 209.9 112.1 336.3



#70
Styrene
Concen: 60.989 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:104 Resp: 990364
Ion Ratio Lower Upper
104 100
78 47.0 43.8 65.8
103 54.4 44.2 66.2

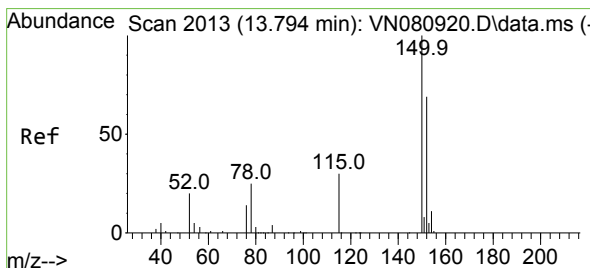
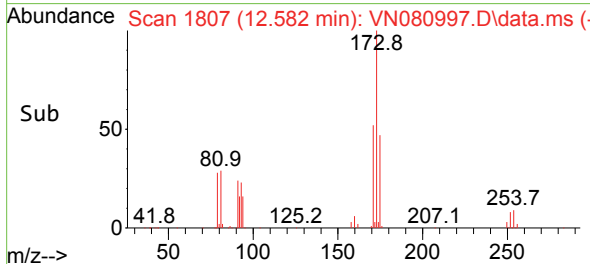
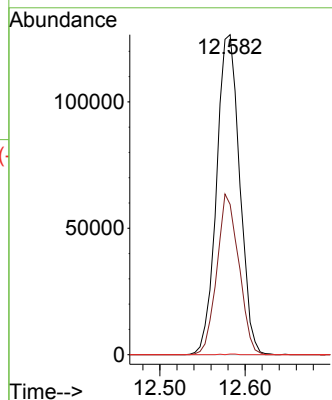
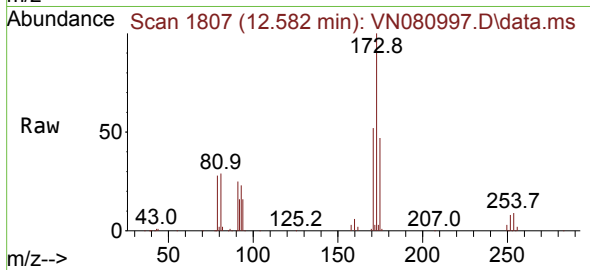




#71
Bromoform
Concen: 57.874 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

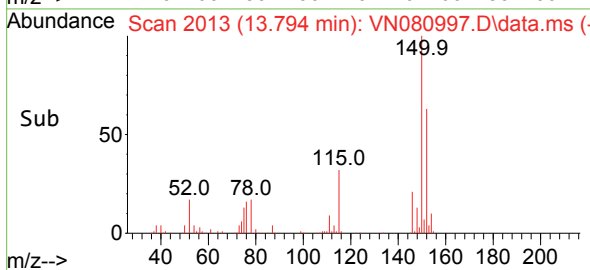
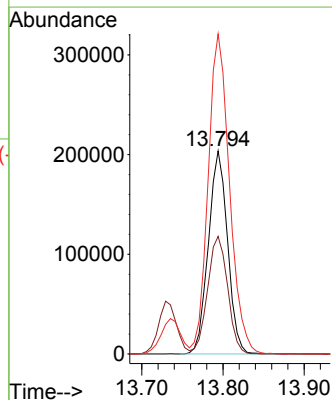
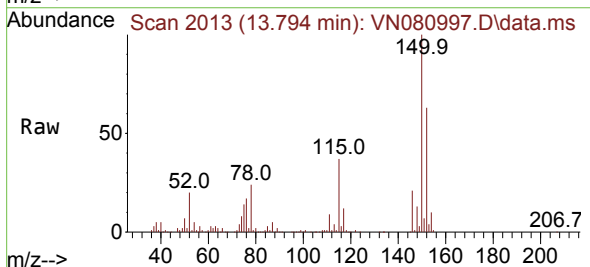
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

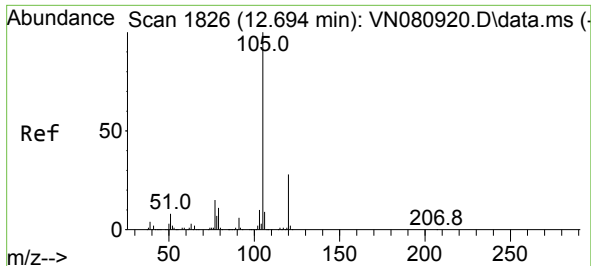
Tgt Ion:173 Resp: 238319
Ion Ratio Lower Upper
173 100
175 47.6 23.1 69.2
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:152 Resp: 334286
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 175.4 0.0 339.8

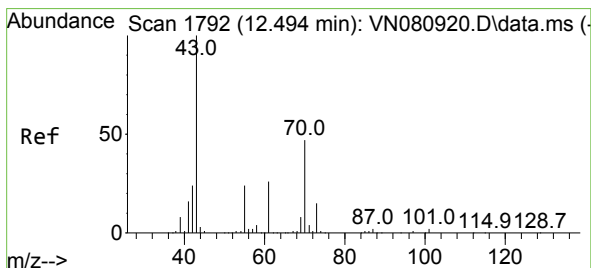
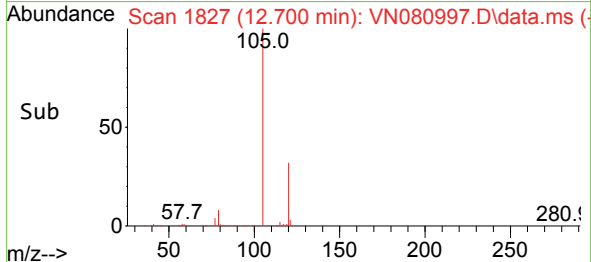
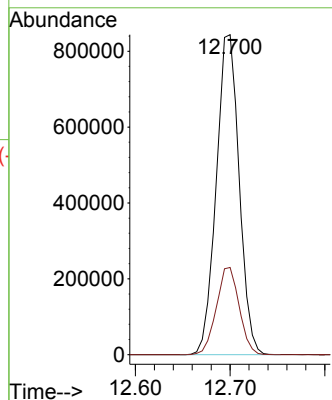
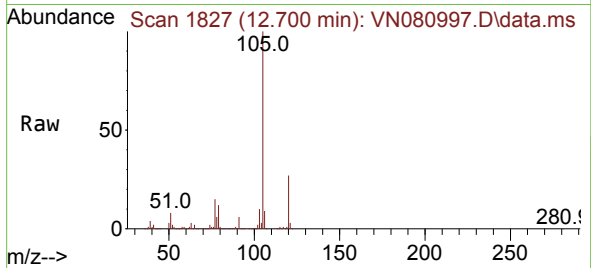




#73
Isopropylbenzene
Concen: 54.523 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

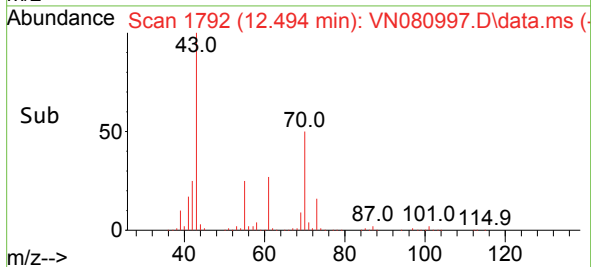
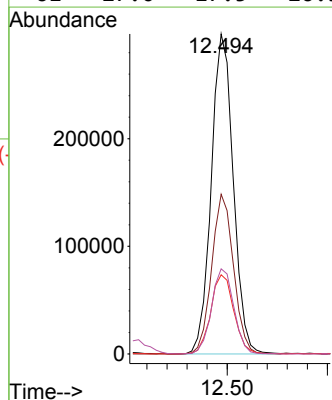
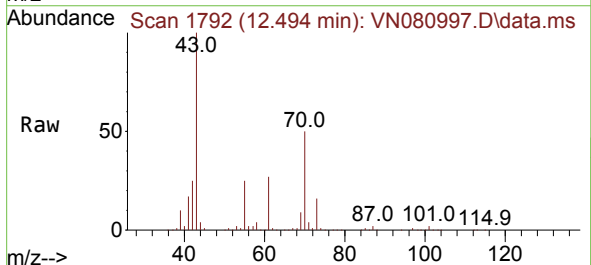
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

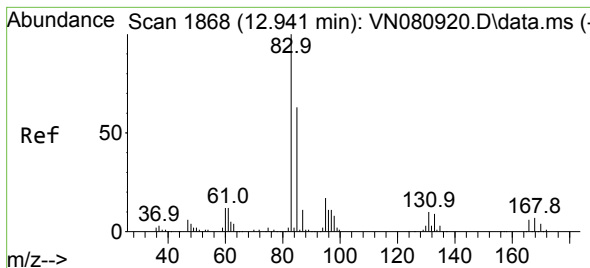
Tgt Ion:105 Resp: 1417497
Ion Ratio Lower Upper
105 100
120 27.2 12.6 37.6



#74
N-ethyl acetate
Concen: 48.393 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 43 Resp: 453507
Ion Ratio Lower Upper
43 100
70 49.4 30.1 45.1#
55 26.1 17.0 25.4#
61 27.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.759 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

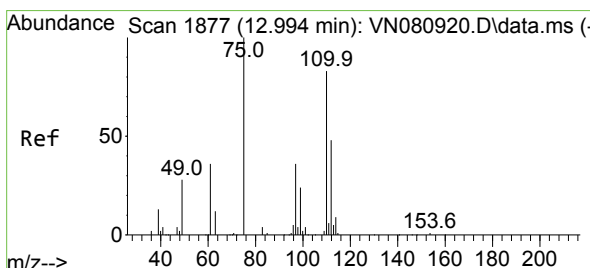
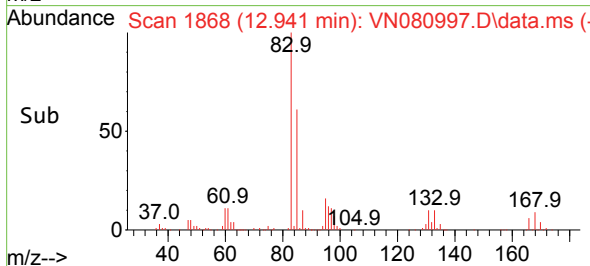
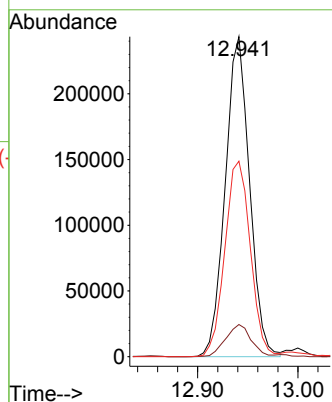
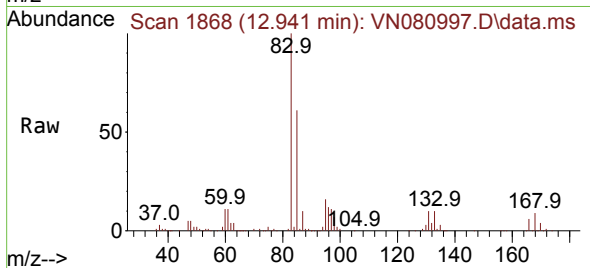
Tgt Ion: 83 Resp: 410513

Ion Ratio Lower Upper

83 100

131 11.0 4.1 12.3

85 64.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 69.968 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080997.D

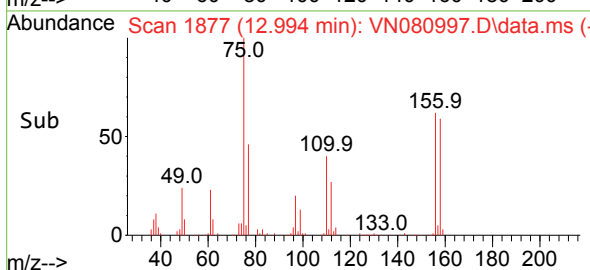
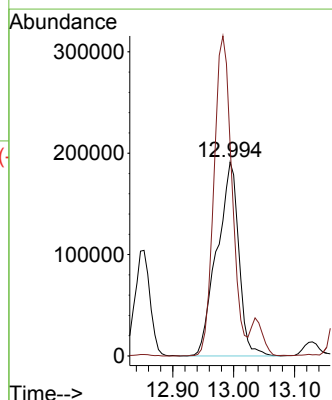
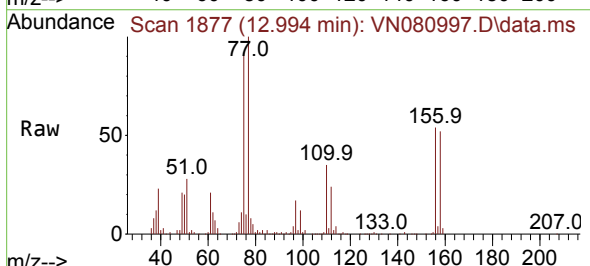
Acq: 12 Feb 2024 10:35

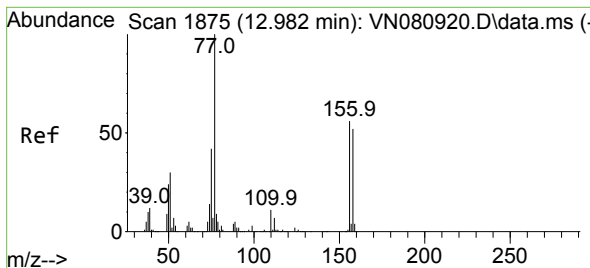
Tgt Ion: 75 Resp: 476894

Ion Ratio Lower Upper

75 100

77 136.1 91.0 272.8





#77

Bromobenzene

Concen: 51.082 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

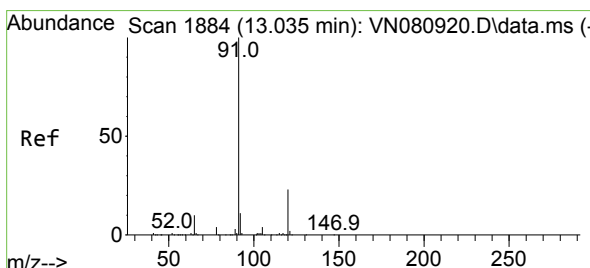
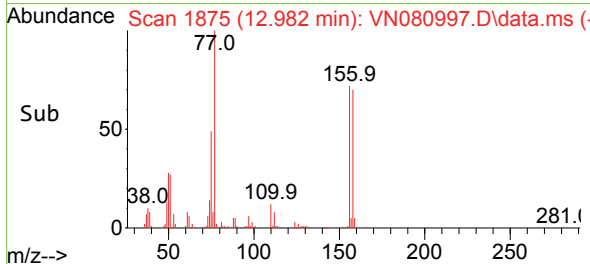
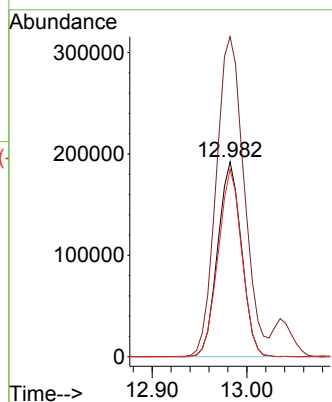
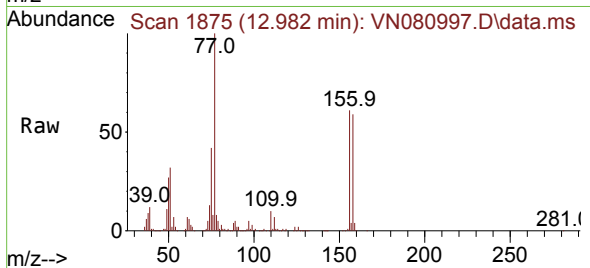
Tgt Ion:156 Resp: 335090

Ion Ratio Lower Upper

156 100

77 193.7 138.1 414.3

158 95.8 46.5 139.5



#78

n-propylbenzene

Concen: 49.886 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080997.D

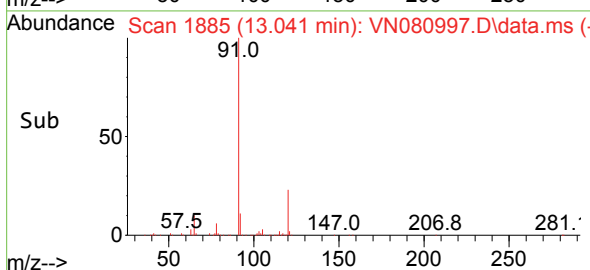
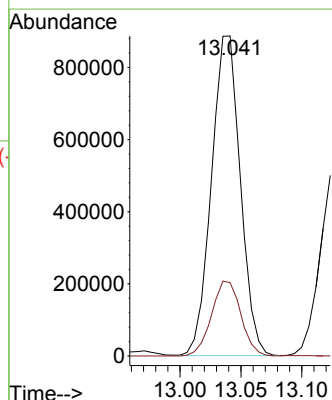
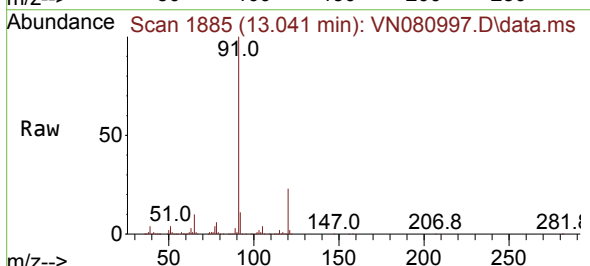
Acq: 12 Feb 2024 10:35

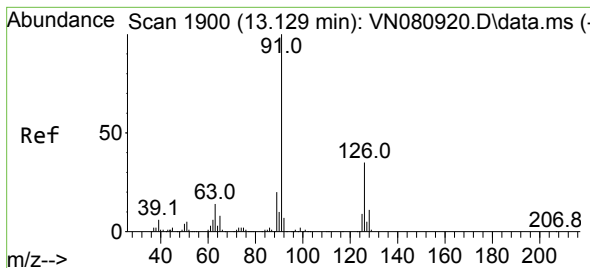
Tgt Ion: 91 Resp: 1464275

Ion Ratio Lower Upper

91 100

120 23.7 10.3 30.9





#79

2-Chlorotoluene

Concen: 48.234 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

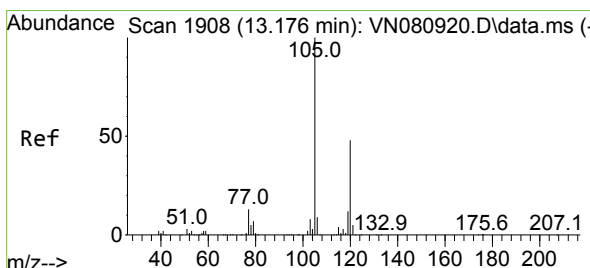
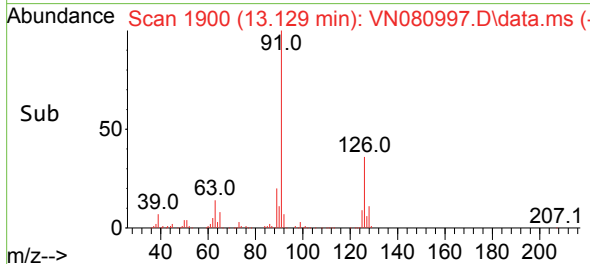
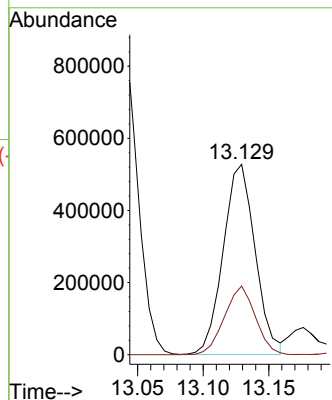
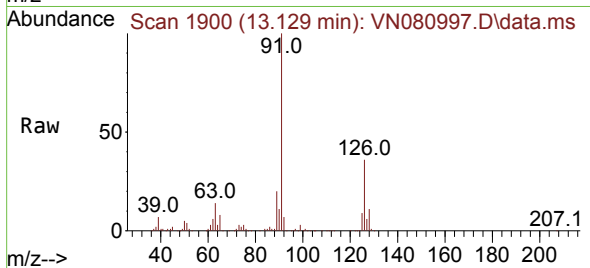
VSTDCCC050

Tgt Ion: 91 Resp: 894720

Ion Ratio Lower Upper

91 100

126 34.9 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 50.160 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080997.D

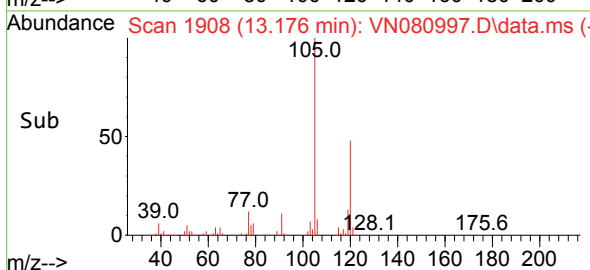
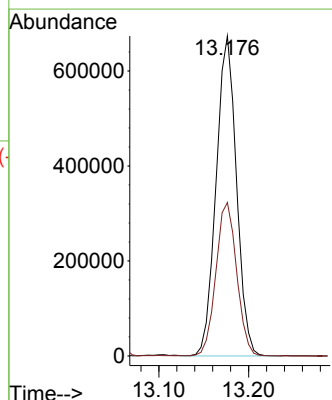
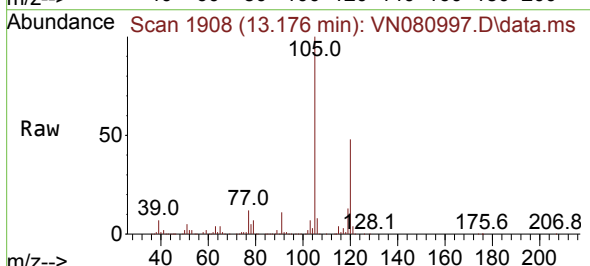
Acq: 12 Feb 2024 10:35

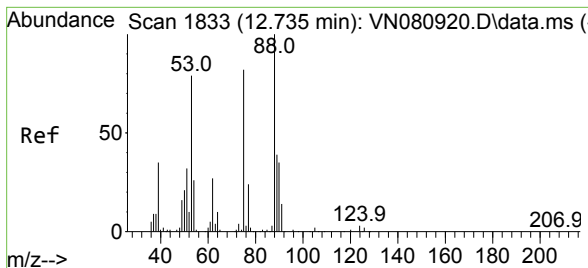
Tgt Ion:105 Resp: 1059956

Ion Ratio Lower Upper

105 100

120 49.0 23.0 69.0

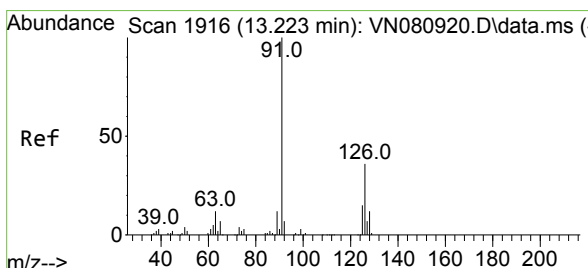
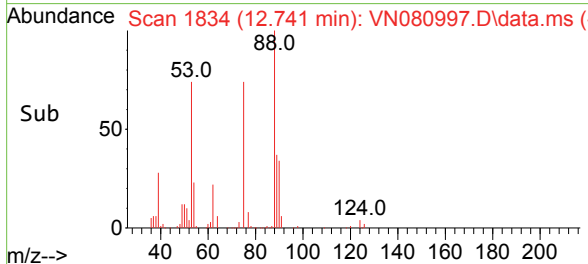
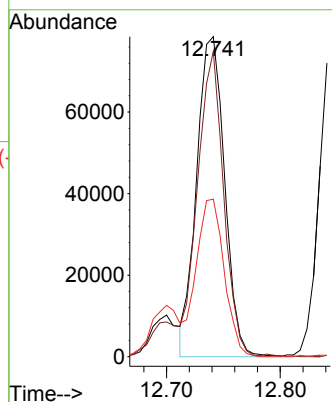
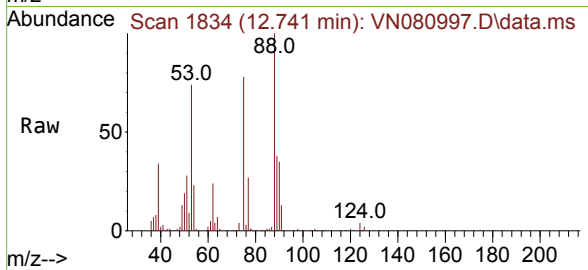




#81
trans-1,4-Dichloro-2-butene
Concen: 53.520 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

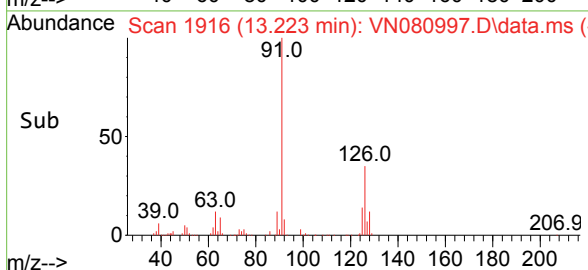
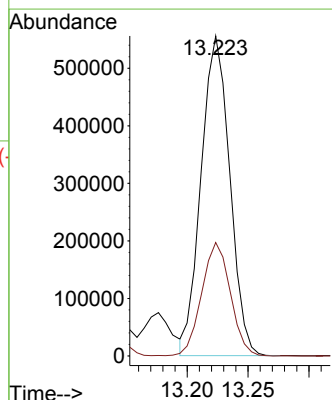
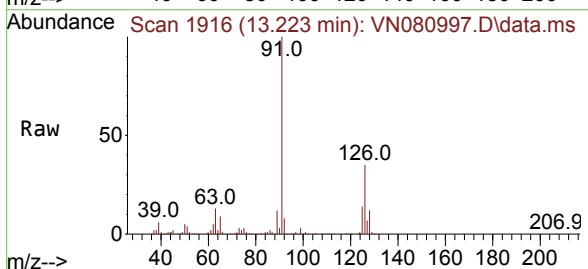
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

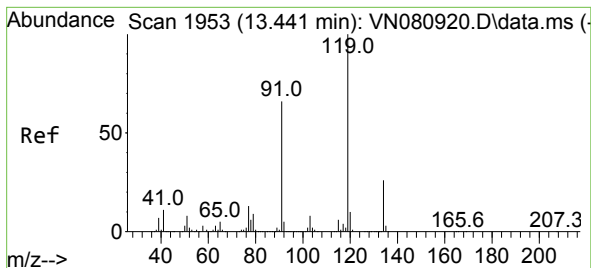
Tgt Ion: 75 Resp: 134267
Ion Ratio Lower Upper
75 100
53 100.3 71.4 107.2
89 50.0 33.4 50.0



#82
4-Chlorotoluene
Concen: 49.176 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion: 91 Resp: 910102
Ion Ratio Lower Upper
91 100
126 35.4 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.362 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

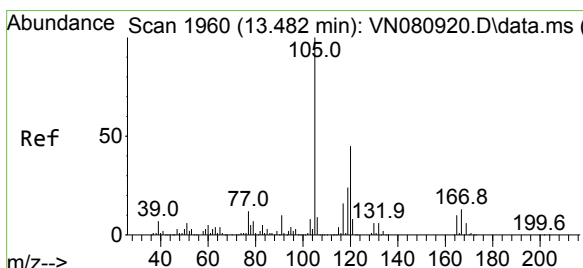
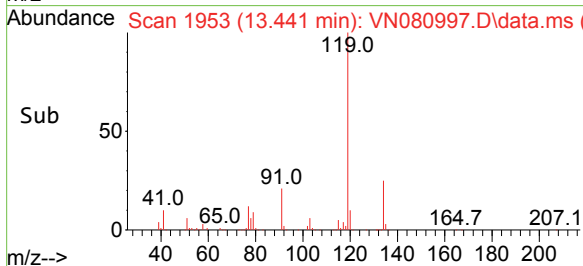
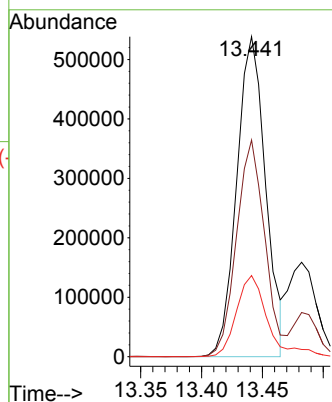
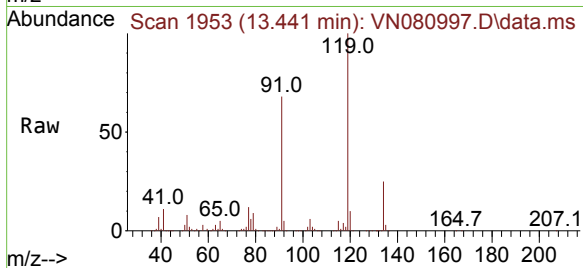
Tgt Ion:119 Resp: 889141

Ion Ratio Lower Upper

119 100

91 66.9 36.8 110.4

134 27.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 50.666 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080997.D

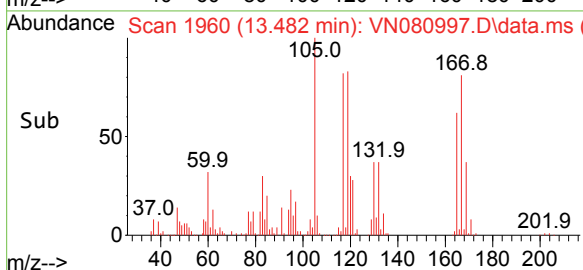
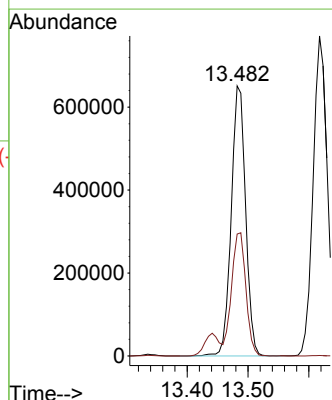
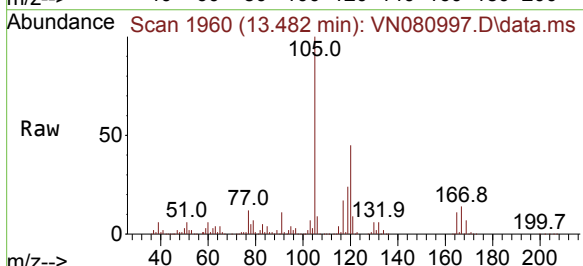
Acq: 12 Feb 2024 10:35

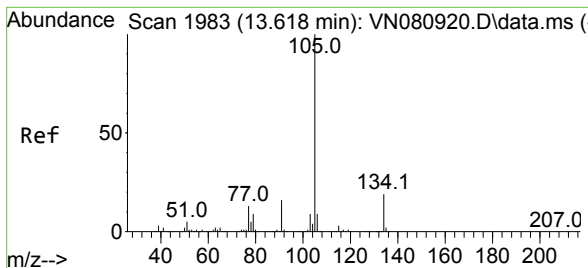
Tgt Ion:105 Resp: 1066357

Ion Ratio Lower Upper

105 100

120 45.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 51.437 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

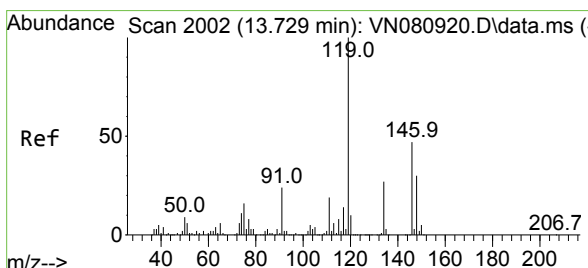
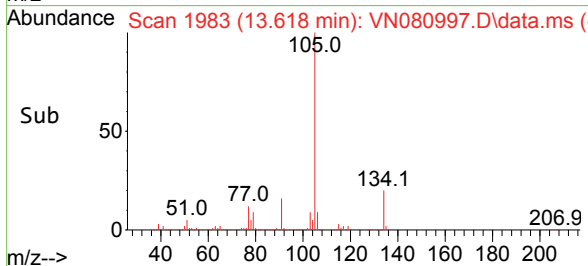
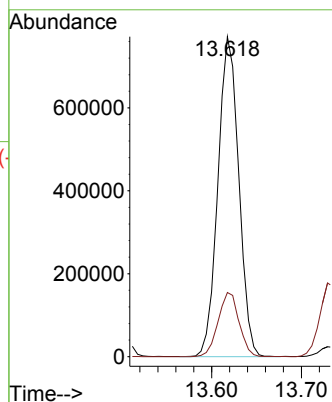
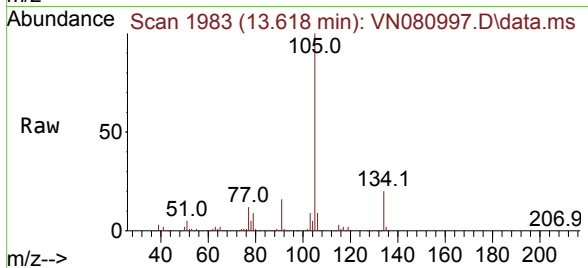
VSTDCCC050

Tgt Ion:105 Resp: 1245011

Ion Ratio Lower Upper

105 100

134 20.1 8.6 25.8



#86

p-Isopropyltoluene

Concen: 51.896 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

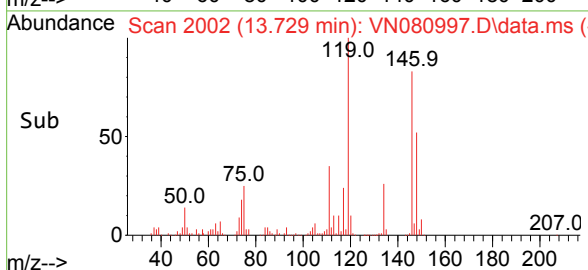
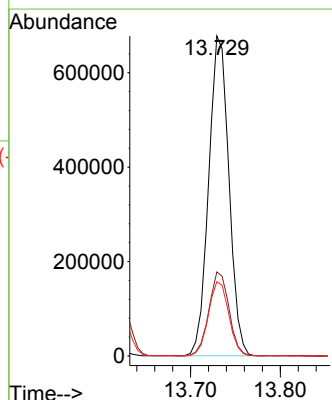
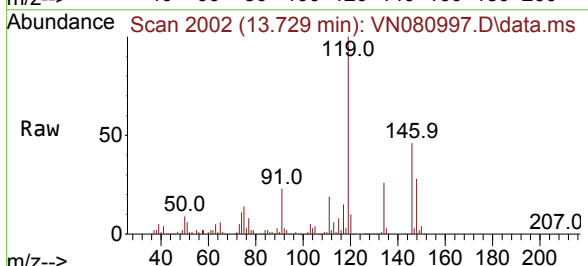
Tgt Ion:119 Resp: 1061532

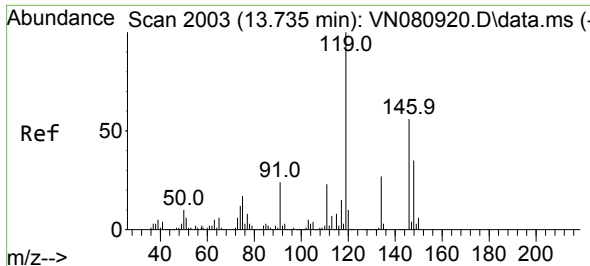
Ion Ratio Lower Upper

119 100

134 26.1 12.4 37.2

91 23.3 13.5 40.4

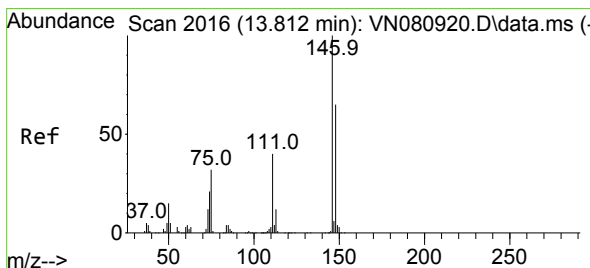
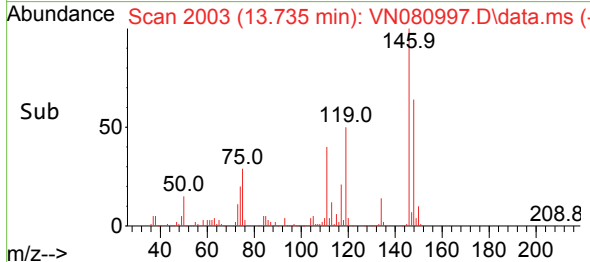
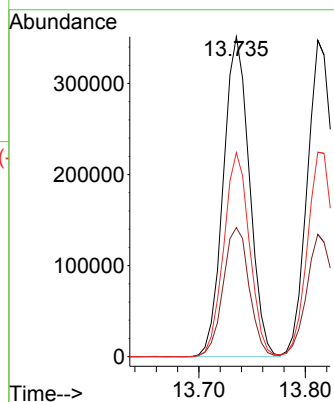
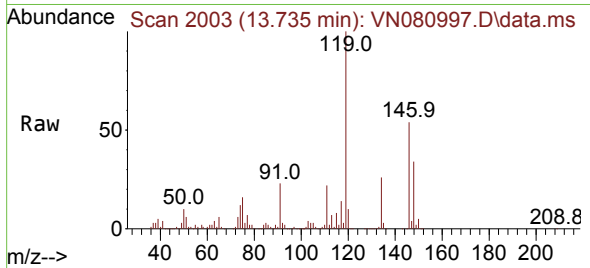




#87
1,3-Dichlorobenzene
Concen: 51.148 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

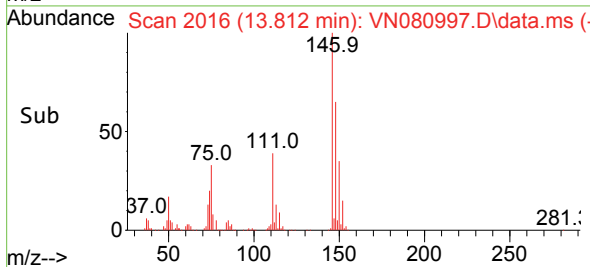
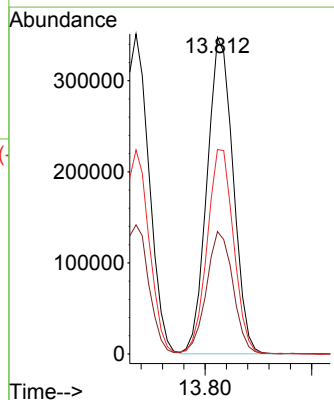
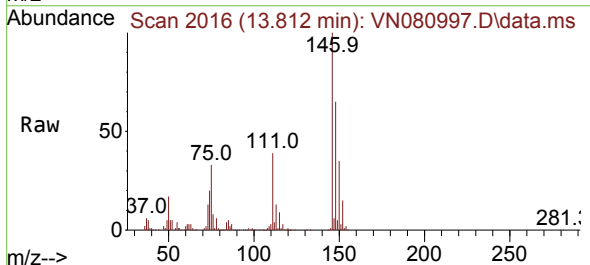
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

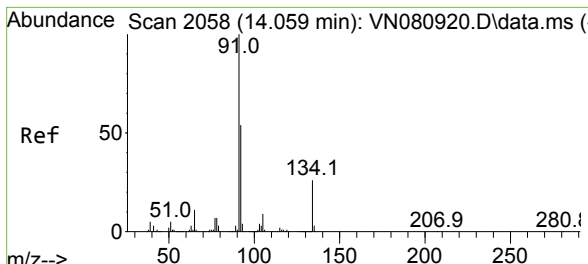
Tgt Ion:146 Resp: 597535
Ion Ratio Lower Upper
146 100
111 40.4 23.9 71.7
148 62.8 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 49.885 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:146 Resp: 591398
Ion Ratio Lower Upper
146 100
111 39.2 22.6 67.7
148 65.4 31.9 95.5

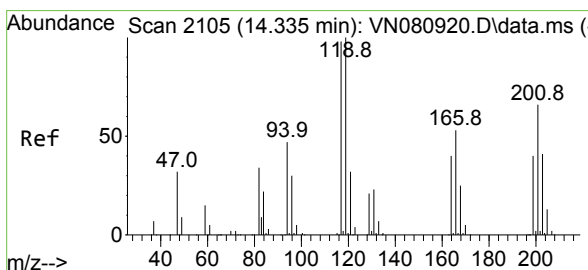
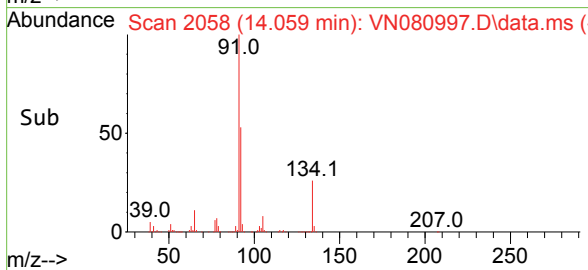
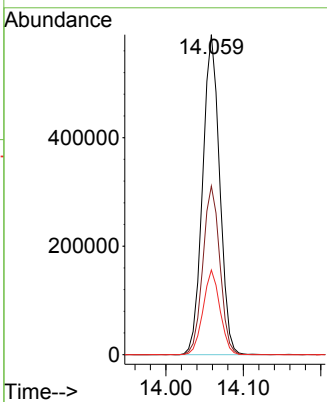
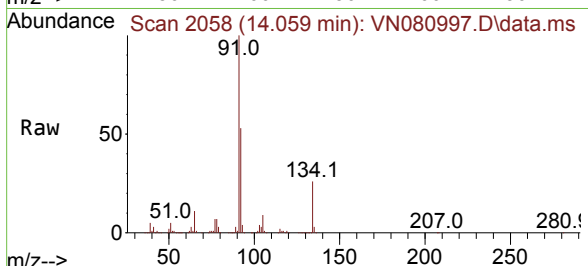




#89
 n-Butylbenzene
 Concen: 49.756 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

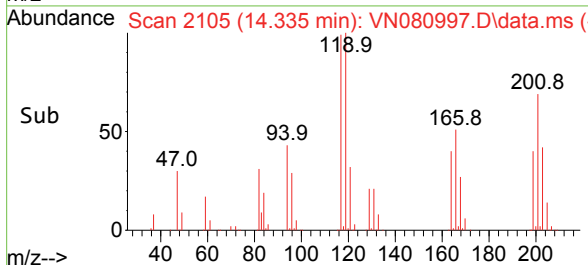
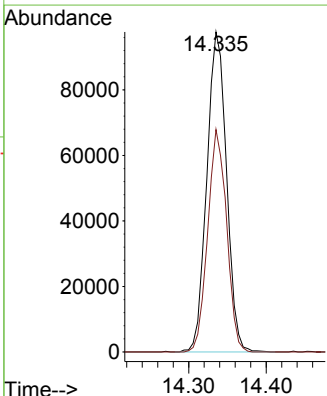
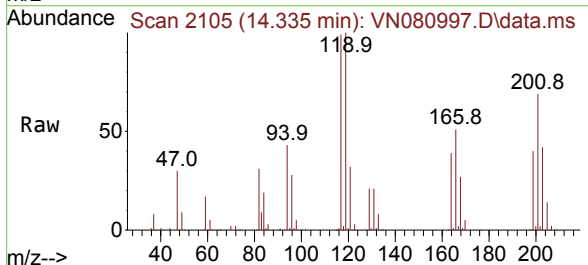
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

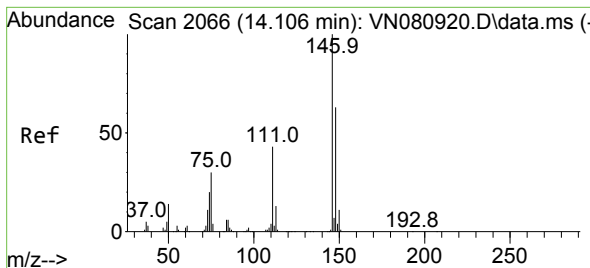
Tgt Ion:	91	Resp:	899034
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.1
134	26.3	10.8	32.4



#90
 Hexachloroethane
 Concen: 53.453 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

Tgt Ion:	117	Resp:	172409
Ion	Ratio	Lower	Upper
117	100		
201	66.7	30.0	90.0





#91

1,2-Dichlorobenzene

Concen: 51.627 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

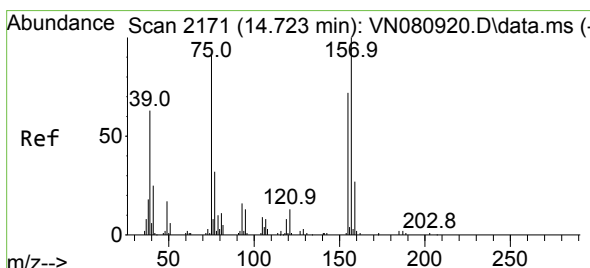
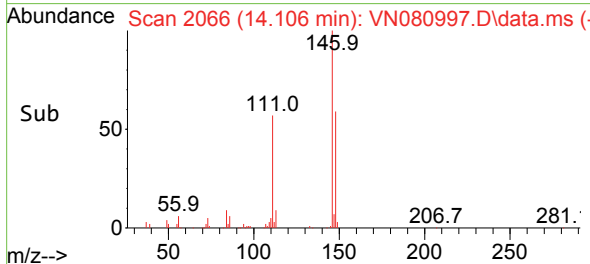
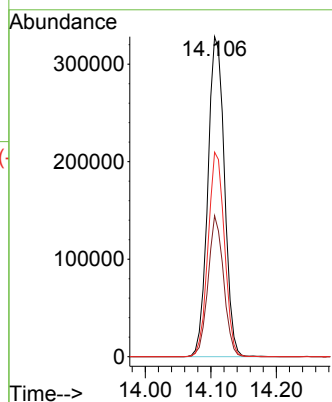
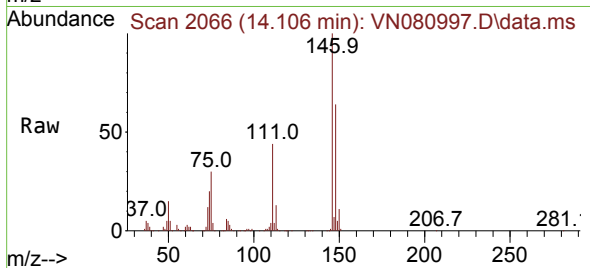
Tgt Ion:146 Resp: 577826

Ion Ratio Lower Upper

146 100

111 41.4 23.9 71.8

148 63.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.123 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN080997.D

Acq: 12 Feb 2024 10:35

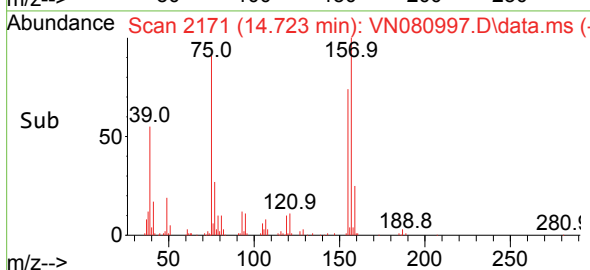
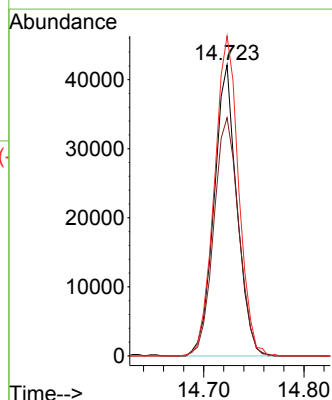
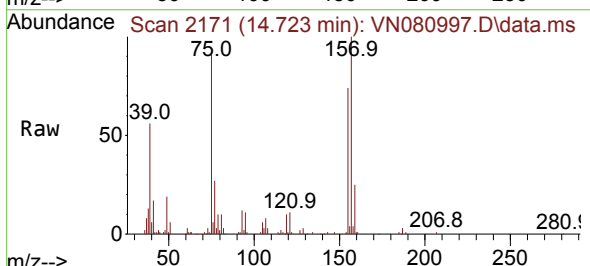
Tgt Ion: 75 Resp: 66747

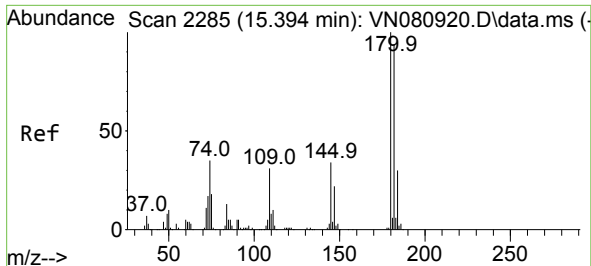
Ion Ratio Lower Upper

75 100

155 89.0 31.8 95.4

157 116.6 41.1 123.4

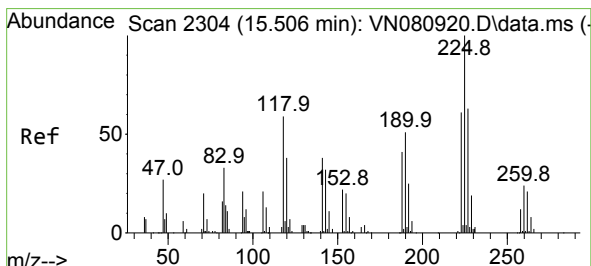
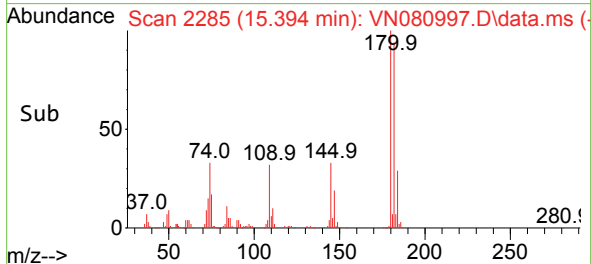
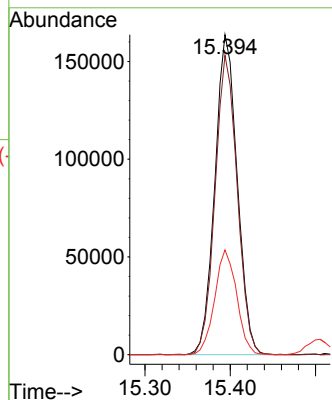
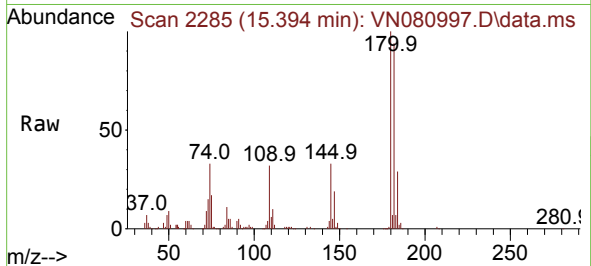




#93
1,2,4-Trichlorobenzene
Concen: 53.904 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

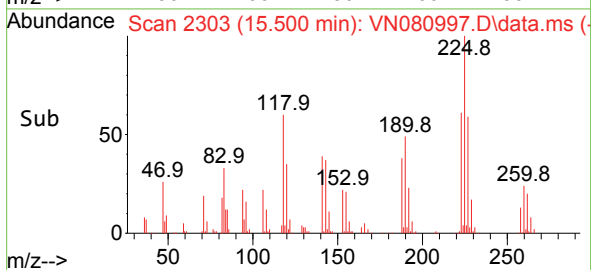
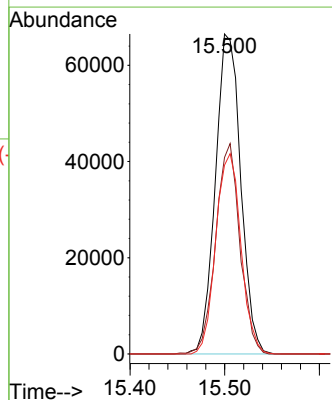
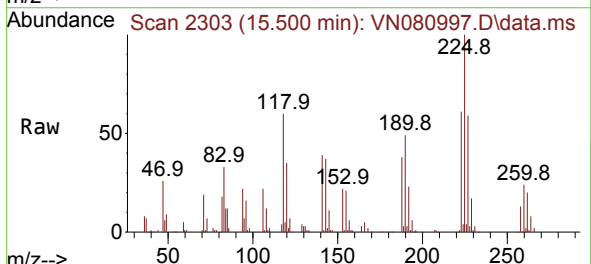
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

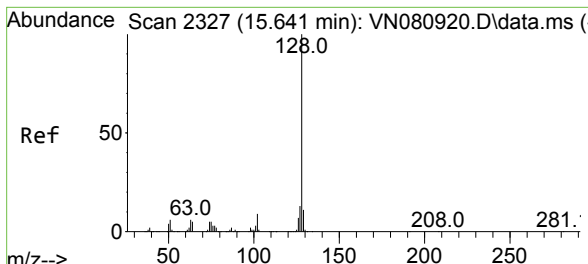
Tgt Ion:180 Resp: 298436
Ion Ratio Lower Upper
180 100
182 92.7 46.6 139.7
145 32.3 16.8 50.3



#94
Hexachlorobutadiene
Concen: 51.543 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080997.D
Acq: 12 Feb 2024 10:35

Tgt Ion:225 Resp: 123719
Ion Ratio Lower Upper
225 100
223 63.0 33.3 99.8
227 62.0 33.1 99.2

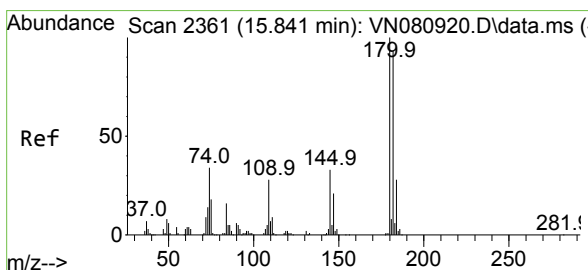
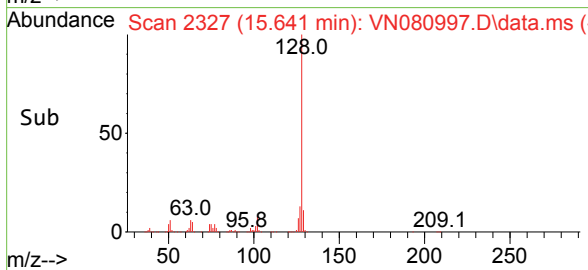
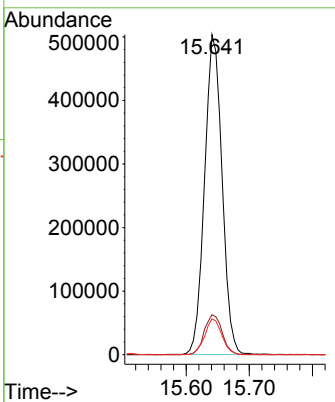
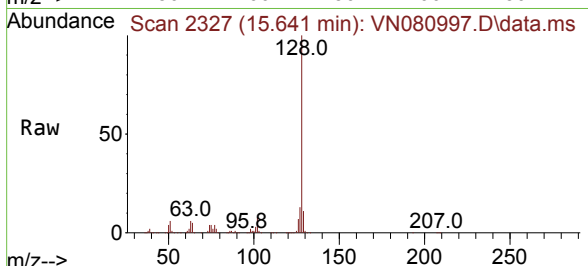




#95
 Naphthalene
 Concen: 52.829 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	128	Resp:	965715
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	11.0	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 52.794 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VN080997.D
 Acq: 12 Feb 2024 10:35

Tgt Ion:	180	Resp:	287715
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.5	139.3
145	34.1	17.8	53.4

