

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082337.D
 Acq On : 28 May 2024 10:52
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 29 06:45:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	351129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170875	47.755	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.520%
35) Dibromofluoromethane	8.165	113	120420	51.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.565	98	426077	47.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.847	95	171104	53.229	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	142623	43.655	ug/l	98
3) Chloromethane	2.359	50	148613	40.138	ug/l	99
4) Vinyl Chloride	2.512	62	145398	41.771	ug/l	99
5) Bromomethane	2.948	94	88903	44.435	ug/l	99
6) Chloroethane	3.118	64	97474	42.886	ug/l	100
7) Trichlorofluoromethane	3.495	101	225010	49.366	ug/l	98
8) Diethyl Ether	3.959	74	92880	57.200	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	127983	48.067	ug/l	99
10) Methyl Iodide	4.589	142	135369	50.573	ug/l	99
11) Tert butyl alcohol	5.518	59	155843	271.327	ug/l	99
12) 1,1-Dichloroethene	4.342	96	121848	49.235	ug/l	84
13) Acrolein	4.177	56	118329	278.008	ug/l	98
14) Allyl chloride	5.024	41	245137	46.265	ug/l #	89
15) Acrylonitrile	5.718	53	389632	261.928	ug/l	100
16) Acetone	4.424	43	362492	246.959	ug/l	89
17) Carbon Disulfide	4.712	76	329037	41.165	ug/l	99
18) Methyl Acetate	5.018	43	194470	53.200	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	523811	57.906	ug/l	96
20) Methylene Chloride	5.277	84	147886	49.936	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	132123	48.991	ug/l #	81
22) Diisopropyl ether	6.671	45	561952	50.791	ug/l #	93
23) Vinyl Acetate	6.600	43	2323303	266.336	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	279178	48.955	ug/l	97
25) 2-Butanone	7.483	43	556657	250.132	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	256427	53.684	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	168891	53.064	ug/l	83
28) Bromochloromethane	7.812	49	113124	45.450	ug/l #	82
29) Tetrahydrofuran	7.841	42	366521	256.513	ug/l	86
30) Chloroform	7.965	83	293696	53.931	ug/l	100
31) Cyclohexane	8.253	56	224914	39.356	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	256524	53.096	ug/l	94
36) 1,1-Dichloropropene	8.371	75	192552	48.874	ug/l	97
37) Ethyl Acetate	7.559	43	232205	52.665	ug/l	96
38) Carbon Tetrachloride	8.365	117	216978	54.329	ug/l	98
39) Methylcyclohexane	9.600	83	206162	47.739	ug/l #	89
40) Benzene	8.606	78	603718	51.387	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	135722	52.341	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	247581	54.794	ug/l	94
43) Isopropyl Acetate	8.688	43	432292	55.333	ug/l #	90
44) Trichloroethene	9.353	130	141847	53.152	ug/l	94
45) 1,2-Dichloropropane	9.624	63	156074	51.489	ug/l	99
46) Dibromomethane	9.712	93	111348	55.951	ug/l	97
47) Bromodichloromethane	9.888	83	244620	58.225	ug/l	98
48) Methyl methacrylate	9.682	41	207678	55.787	ug/l #	82
49) 1,4-Dioxane	9.694	88	60912	1167.678	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1216699	274.102	ug/l	91
52) Toluene	10.629	92	384894	54.593	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	263558	60.657	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	267150	58.085	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	147517	57.576	ug/l	98
56) Ethyl methacrylate	10.876	69	265668	61.074	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	264479	55.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	602674	268.606	ug/l	93
59) 2-Hexanone	11.194	43	913841	281.169	ug/l	91
60) Dibromochloromethane	11.359	129	183858	65.026	ug/l	99
61) 1,2-Dibromoethane	11.471	107	152559	57.971	ug/l	98
64) Tetrachloroethene	11.106	164	137262	52.741	ug/l	96
65) Chlorobenzene	11.894	112	417012	53.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	154933	60.637	ug/l	98
67) Ethyl Benzene	11.965	91	751959	54.191	ug/l	97
68) m/p-Xylenes	12.070	106	562922	110.688	ug/l	94
69) o-Xylene	12.400	106	277933	56.418	ug/l	93
70) Styrene	12.412	104	477271	58.327	ug/l	96
71) Bromoform	12.576	173	126475	62.065	ug/l #	98
73) Isopropylbenzene	12.694	105	704223	54.103	ug/l	98
74) N-amyl acetate	12.494	43	386599	53.997	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	204196	54.422	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	298820	86.653	ug/l	63
77) Bromobenzene	12.982	156	177590	57.251	ug/l	92
78) n-propylbenzene	13.035	91	824035	53.462	ug/l	97
79) 2-Chlorotoluene	13.123	91	517646	53.483	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	584156	55.502	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	87883	59.608	ug/l #	84
82) 4-Chlorotoluene	13.223	91	518653	54.808	ug/l	95
83) tert-Butylbenzene	13.441	119	495699	53.835	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	598253	55.559	ug/l	99
85) sec-Butylbenzene	13.617	105	687620	53.878	ug/l	98
86) p-Isopropyltoluene	13.729	119	577672	55.694	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	316319	56.287	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	316905	55.251	ug/l	99
89) n-Butylbenzene	14.059	91	511900	54.909	ug/l	98
90) Hexachloroethane	14.335	117	111953	58.256	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	303669	57.086	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47262	61.307	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	179313	60.136	ug/l	99
94) Hexachlorobutadiene	15.500	225	69568	53.171	ug/l	97
95) Naphthalene	15.641	128	606095	64.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	175519	58.800	ug/l	97

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QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

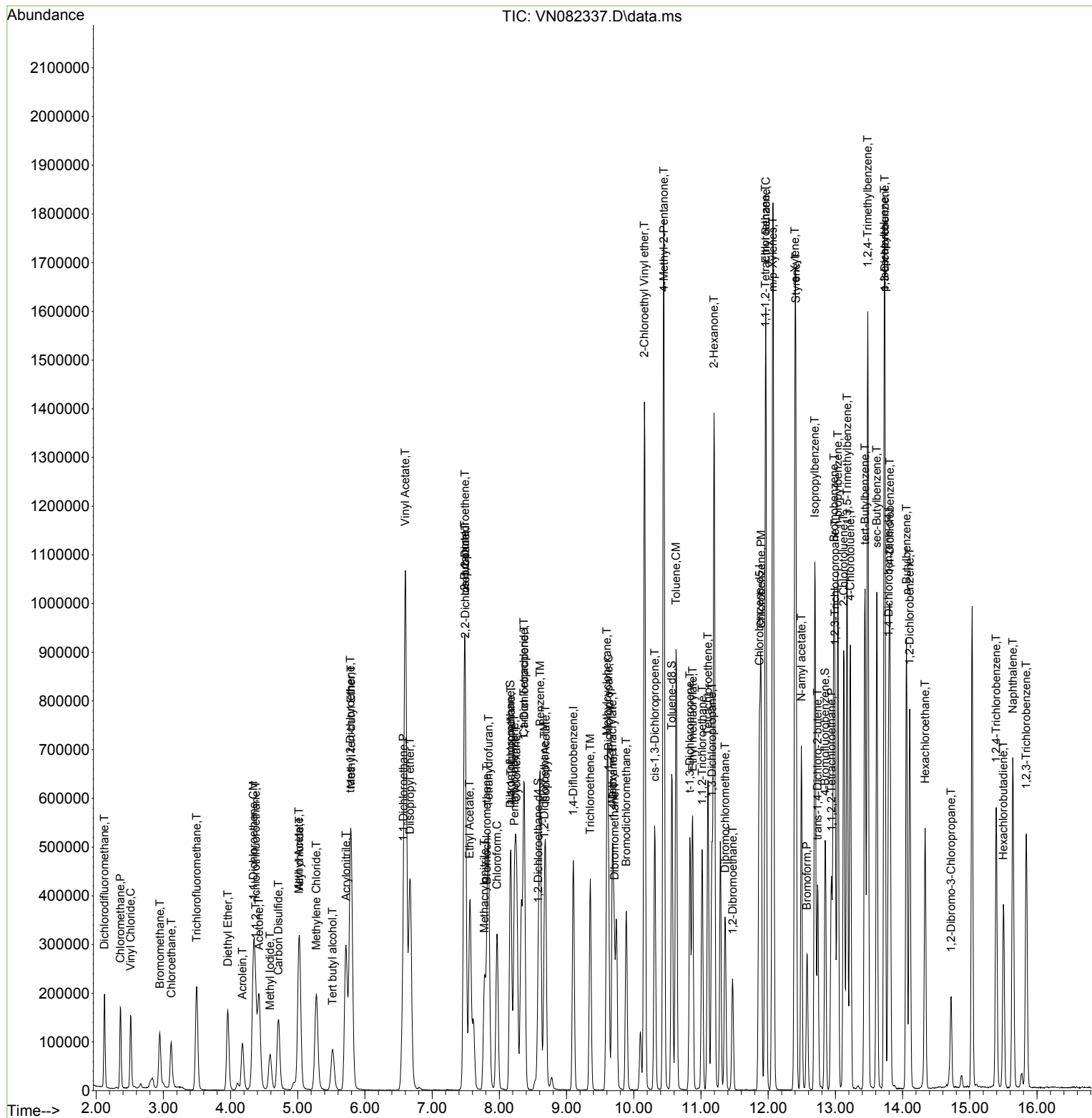
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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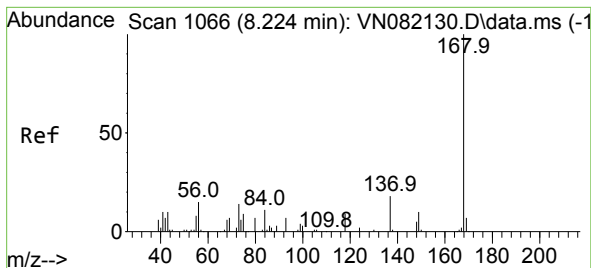
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

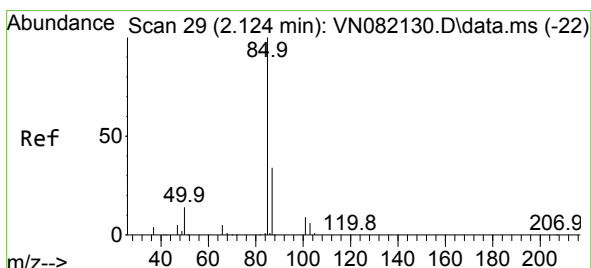
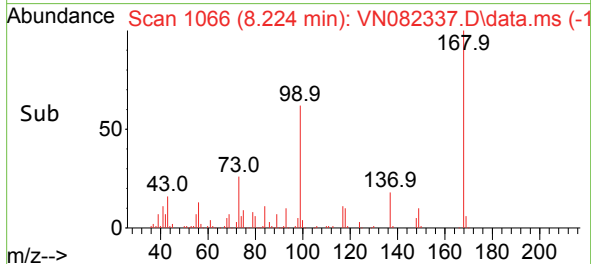
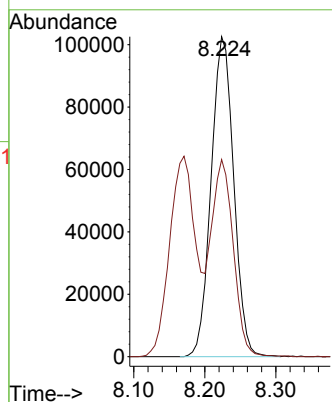
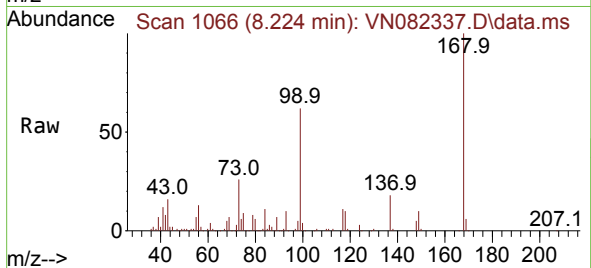
VSTDCCC050

Tgt Ion:168 Resp: 226605

Ion Ratio Lower Upper

168 100

99 61.4 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 43.655 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082337.D

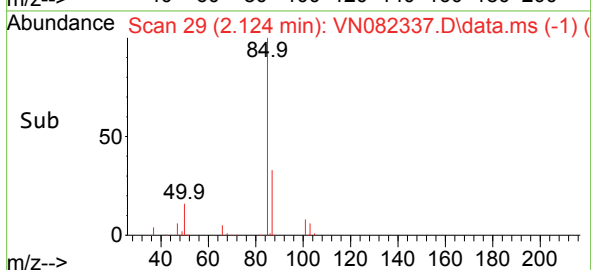
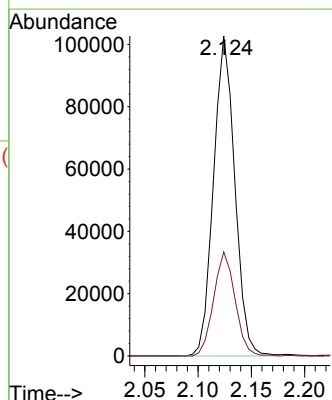
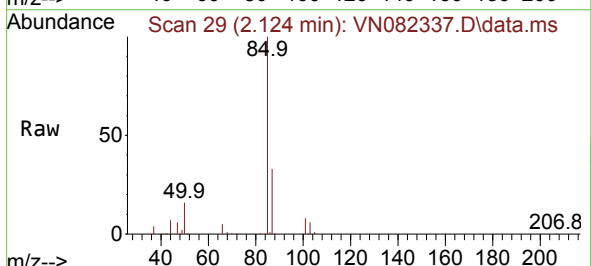
Acq: 28 May 2024 10:52

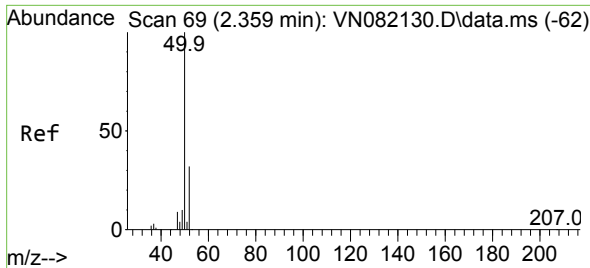
Tgt Ion: 85 Resp: 142623

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4

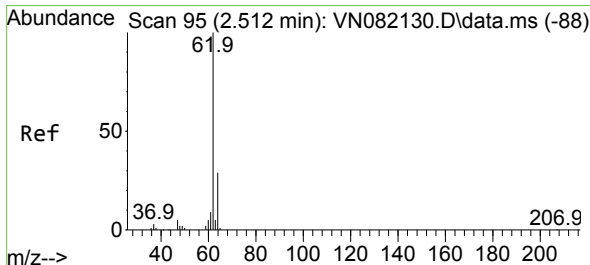
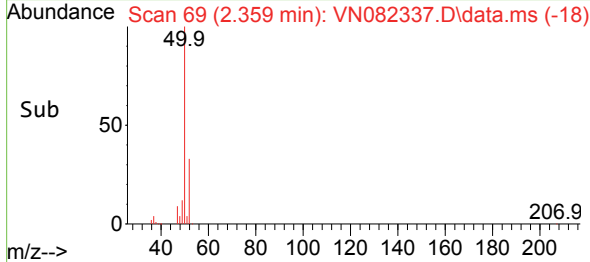
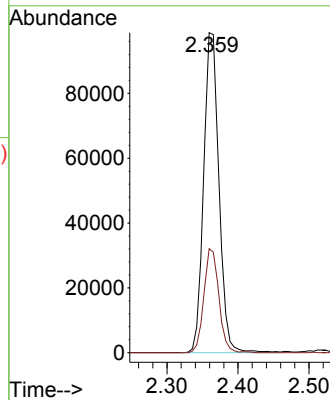
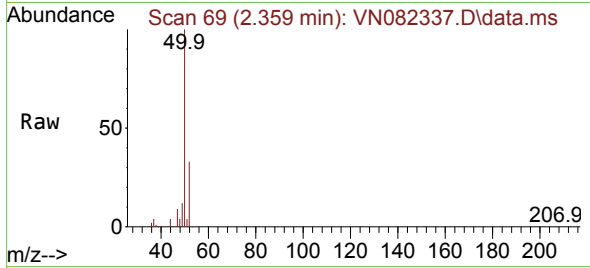




#3
Chloromethane
Concen: 40.138 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082337.D
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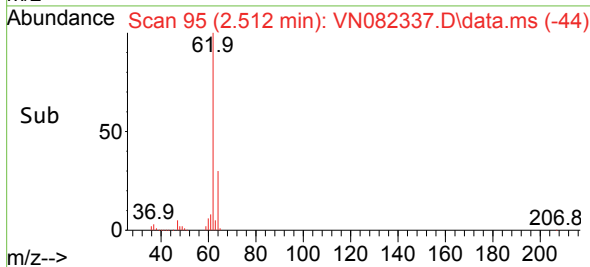
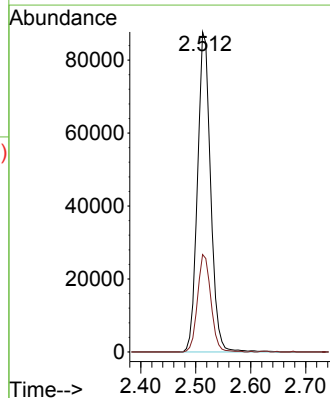
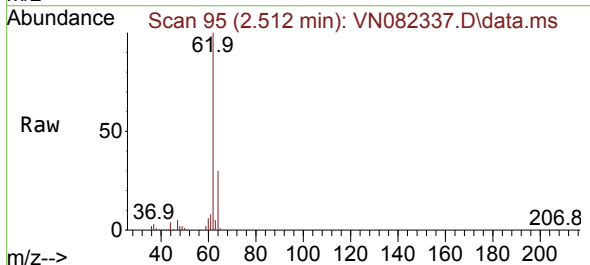
Instrument :
MSVOA_N
ClientSampleId :
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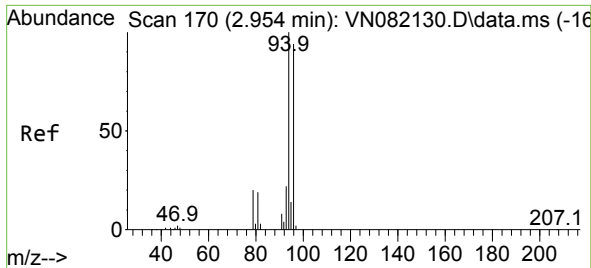
Tgt Ion: 50 Resp: 148613
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 41.771 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 62 Resp: 145398
Ion Ratio Lower Upper
62 100
64 30.5 24.6 37.0

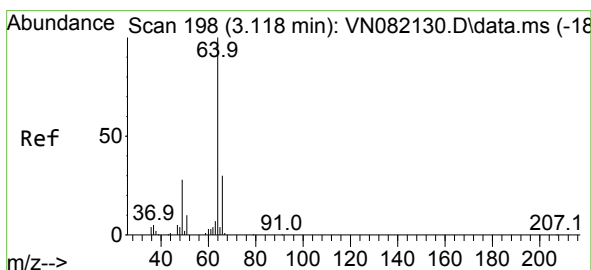
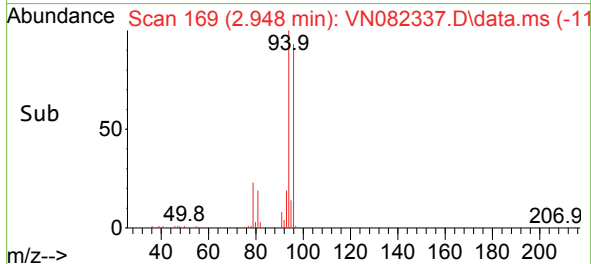
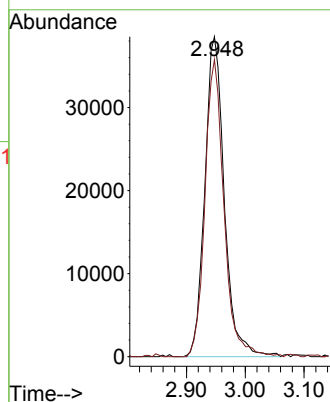
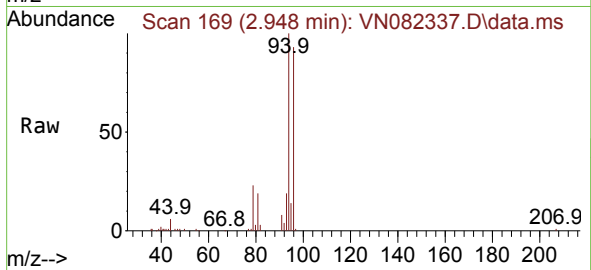




#5
Bromomethane
Concen: 44.435 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN082337.D
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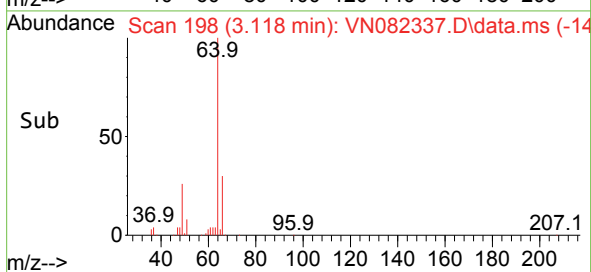
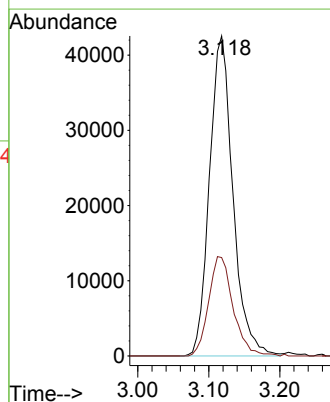
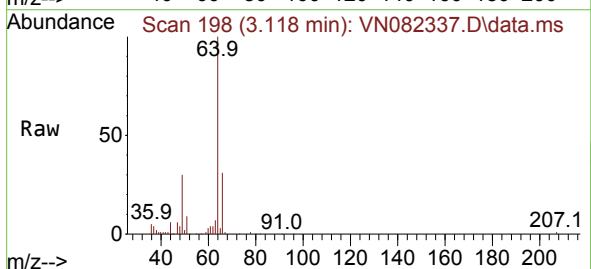
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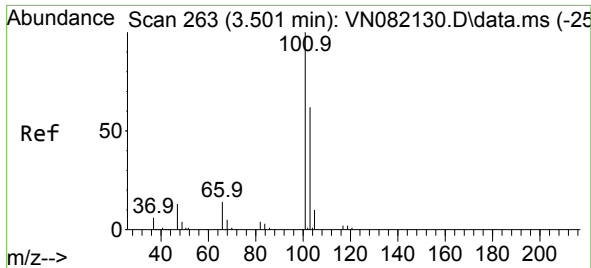
Tgt Ion: 94 Resp: 88903
Ion Ratio Lower Upper
94 100
96 92.9 74.8 112.2



#6
Chloroethane
Concen: 42.886 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 64 Resp: 97474
Ion Ratio Lower Upper
64 100
66 30.7 24.7 37.1

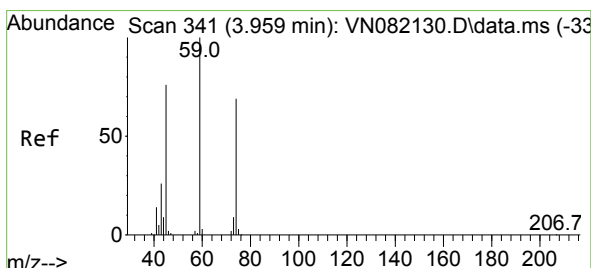
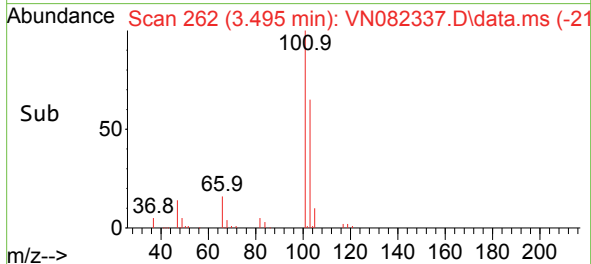
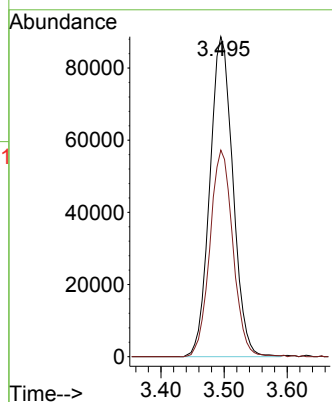
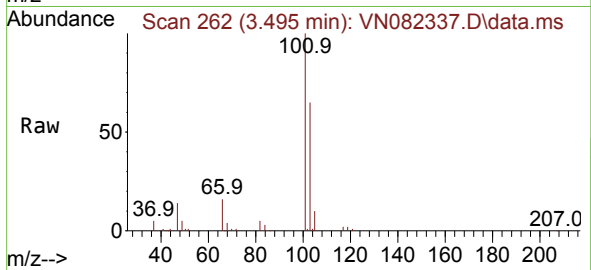




#7
Trichlorofluoromethane
Concen: 49.366 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN082337.D
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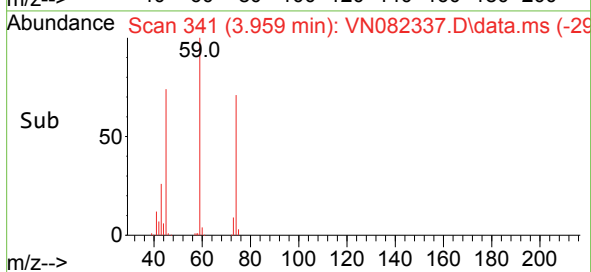
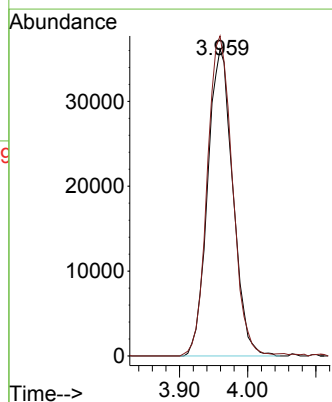
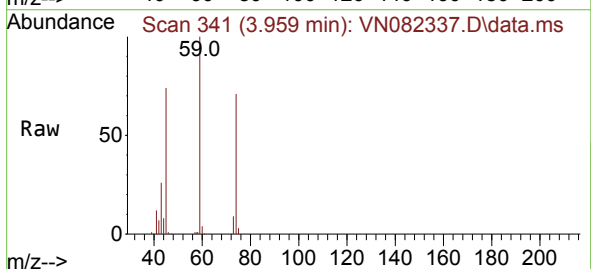
Instrument :
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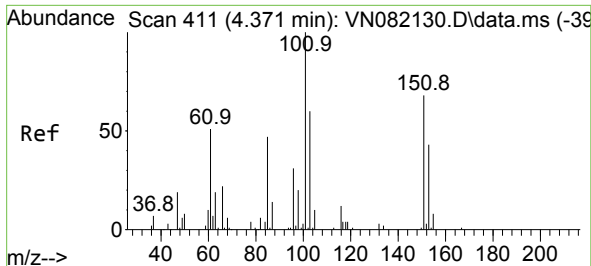
Tgt Ion:101 Resp: 225010
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8



#8
Diethyl Ether
Concen: 57.200 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 92880
Ion Ratio Lower Upper
74 100
45 104.1 42.4 127.3

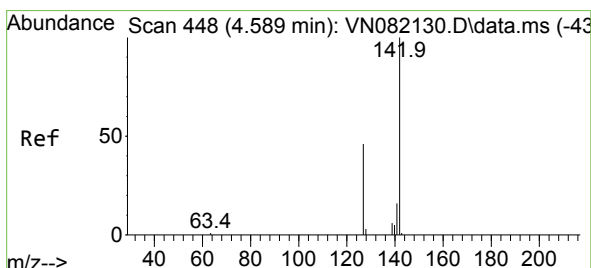
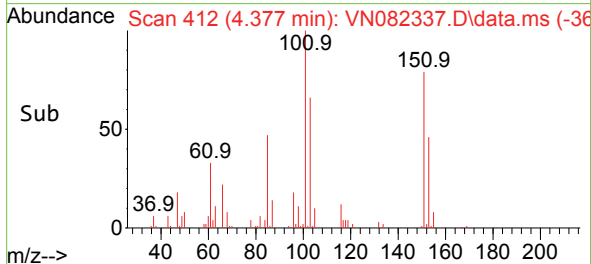
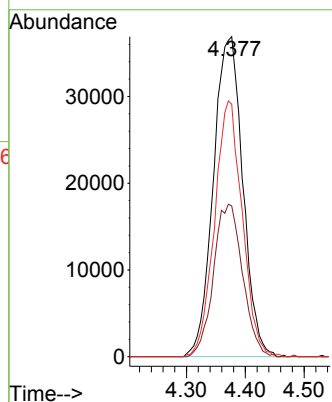
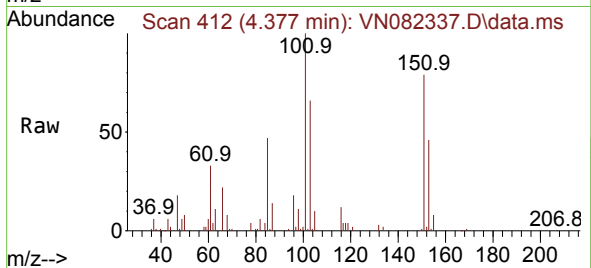




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.067 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

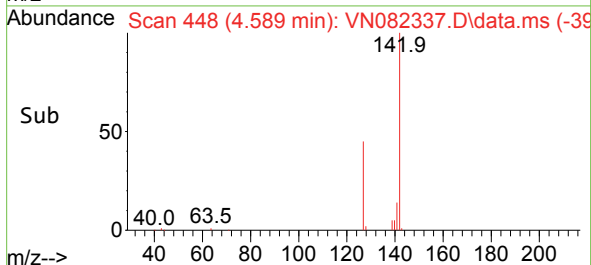
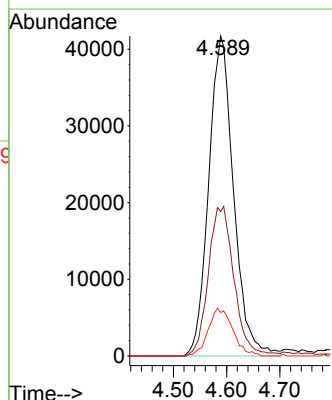
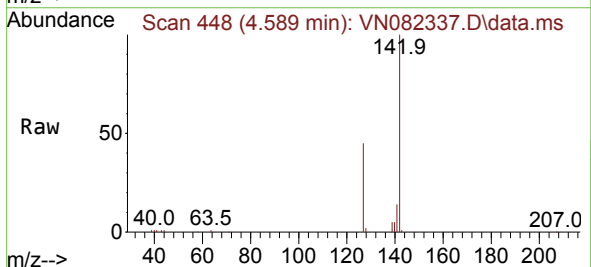
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

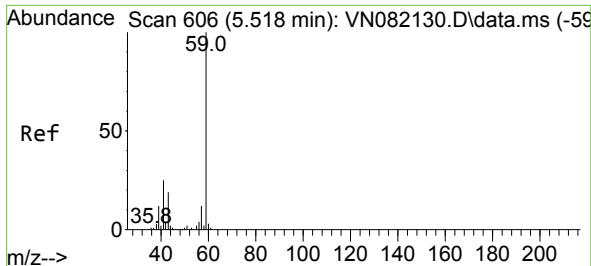
Tgt Ion:101 Resp: 127983
Ion Ratio Lower Upper
101 100
85 47.1 37.3 55.9
151 75.3 59.2 88.8



#10
Methyl Iodide
Concen: 50.573 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion:142 Resp: 135369
Ion Ratio Lower Upper
142 100
127 45.2 35.8 53.6
141 13.6 11.4 17.2

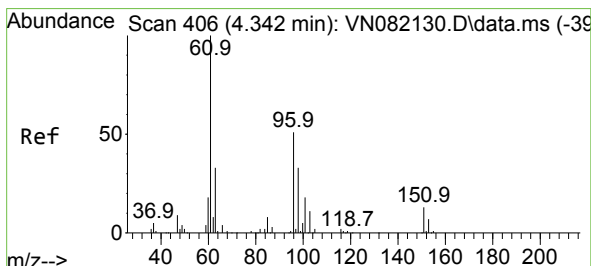
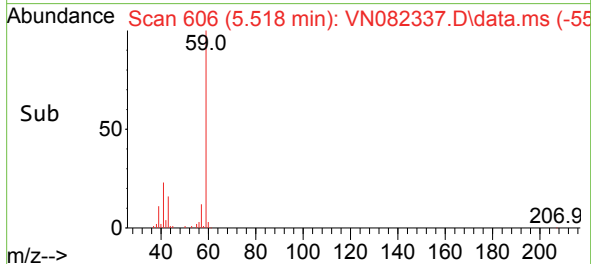
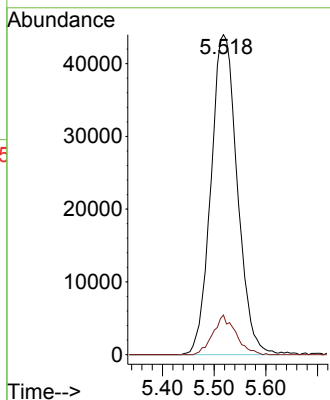
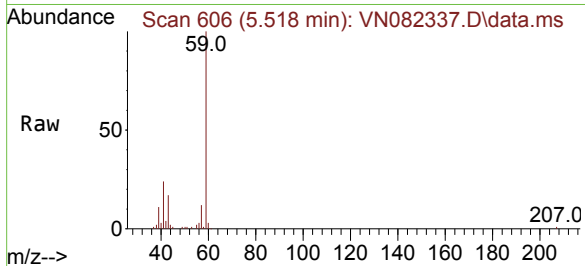




#11
Tert butyl alcohol
Concen: 271.327 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

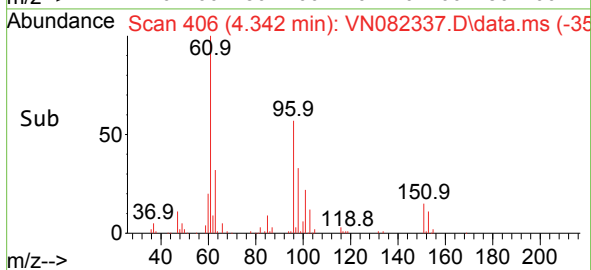
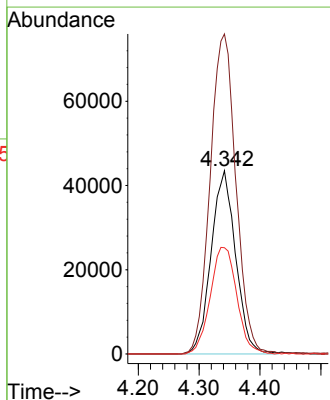
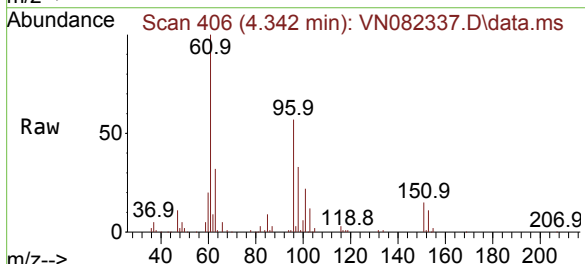
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

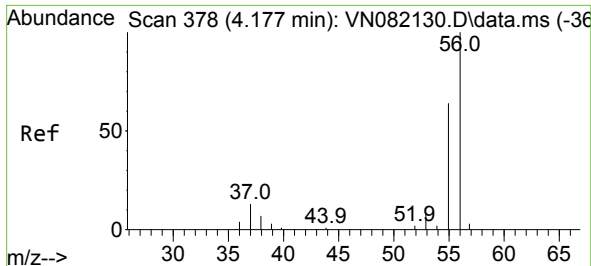
Tgt Ion: 59 Resp: 155843
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 49.235 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 96 Resp: 121848
Ion Ratio Lower Upper
96 100
61 174.7 119.7 179.5
98 58.0 49.6 74.4

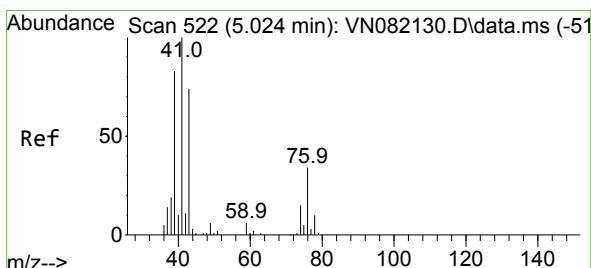
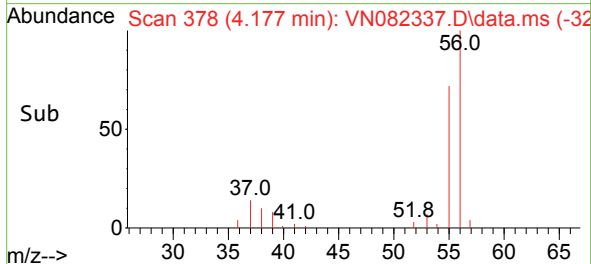
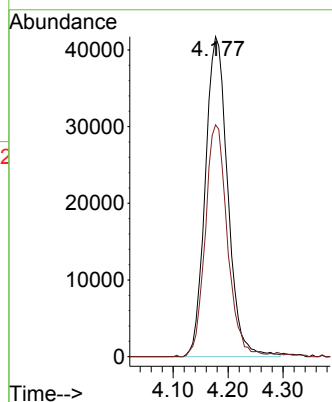
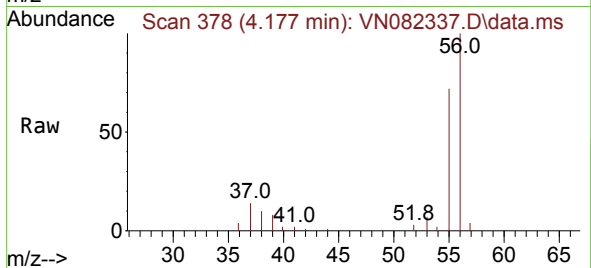




#13
Acrolein
Concen: 278.008 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

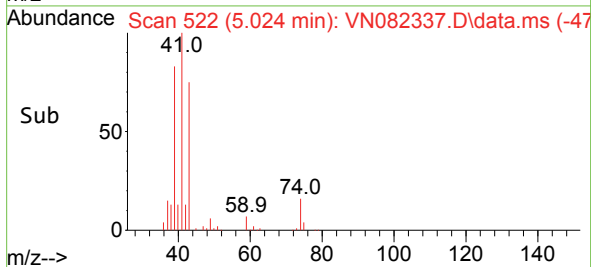
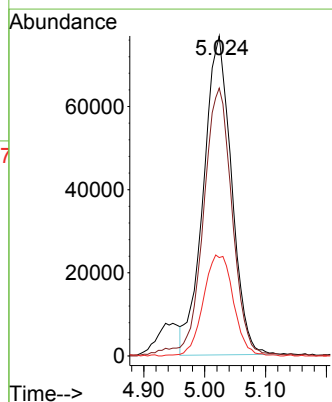
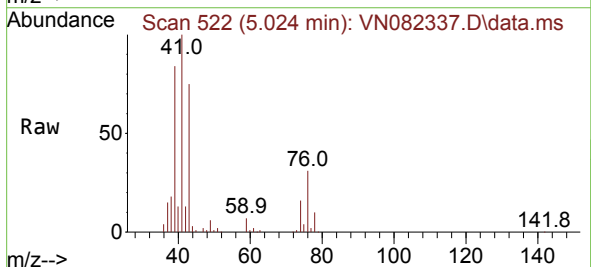
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

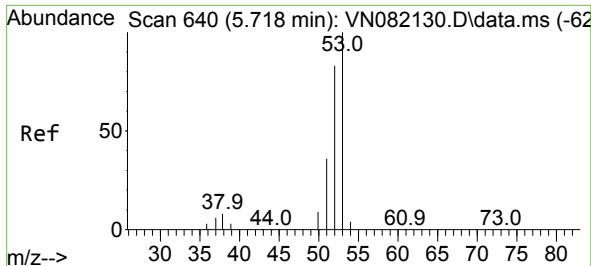
Tgt Ion: 56 Resp: 118329
Ion Ratio Lower Upper
56 100
55 71.5 55.8 83.8



#14
Allyl chloride
Concen: 46.265 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 41 Resp: 245137
Ion Ratio Lower Upper
41 100
39 87.0 65.4 98.0
76 34.0 37.3 55.9#

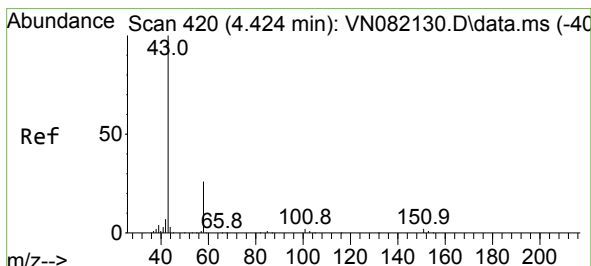
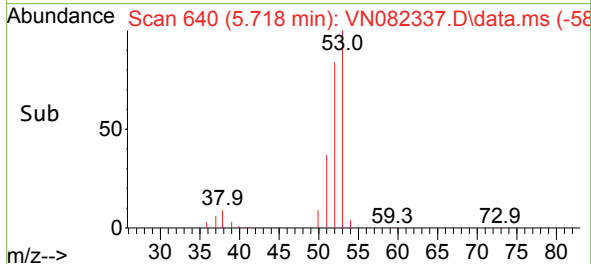
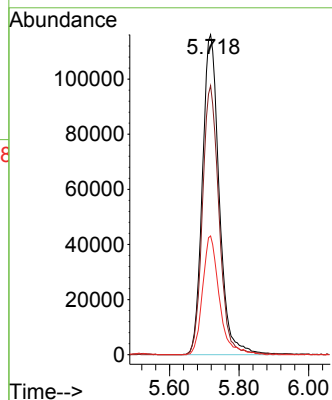
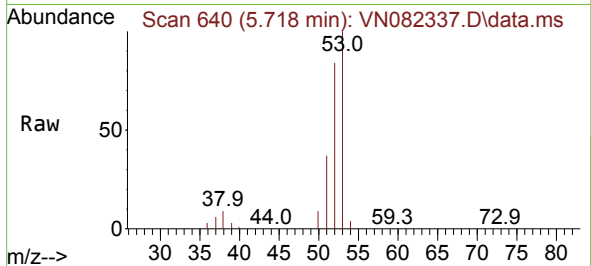




#15
Acrylonitrile
Concen: 261.928 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

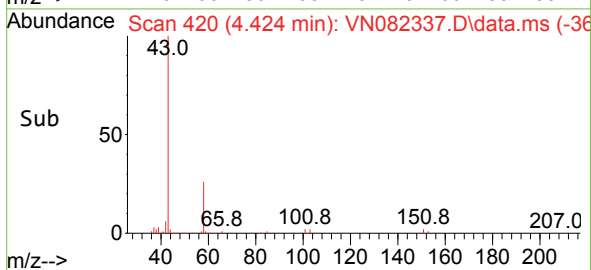
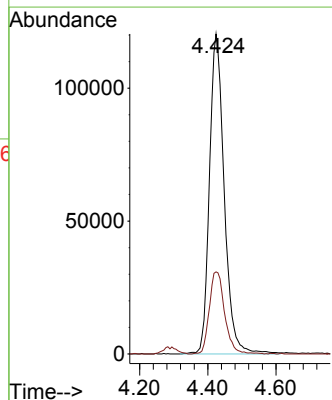
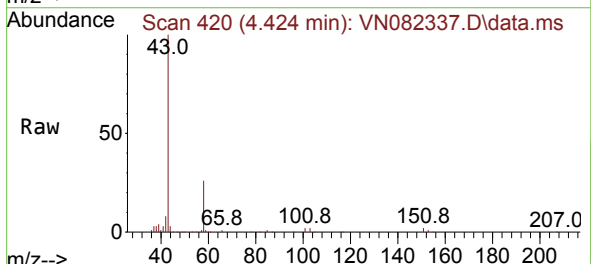
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

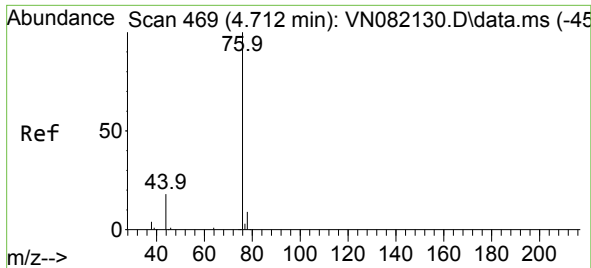
Tgt Ion: 53 Resp: 389632
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 37.0 29.4 44.2



#16
Acetone
Concen: 246.959 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 43 Resp: 362492
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8

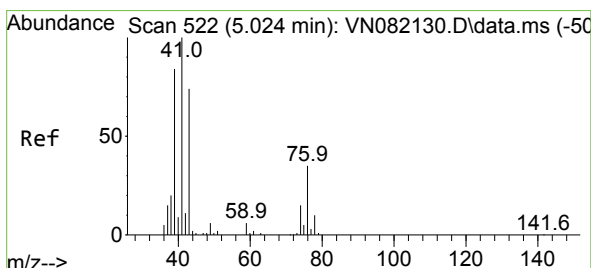
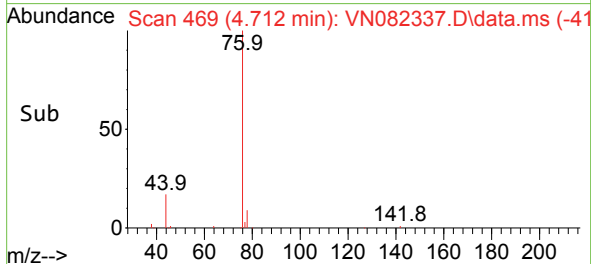
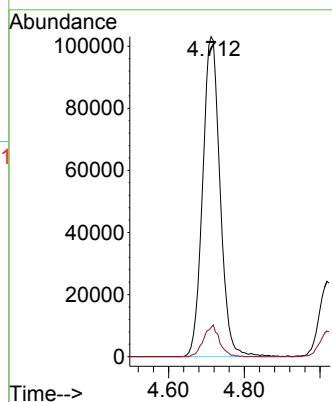
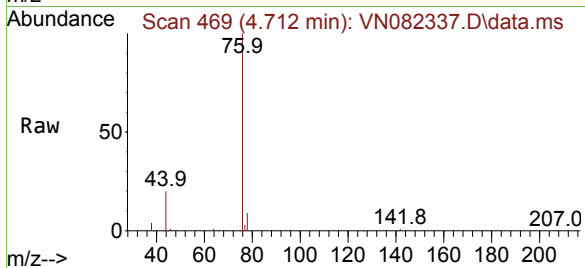




#17
Carbon Disulfide
Concen: 41.165 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

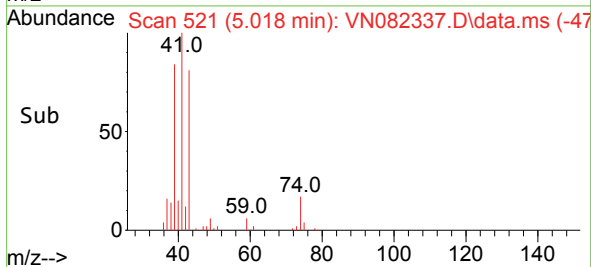
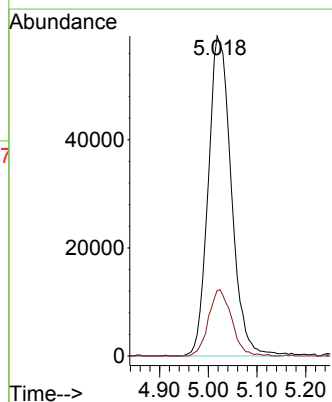
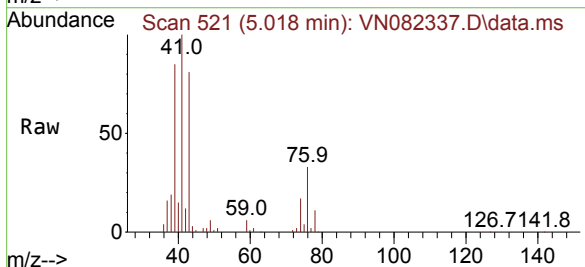
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

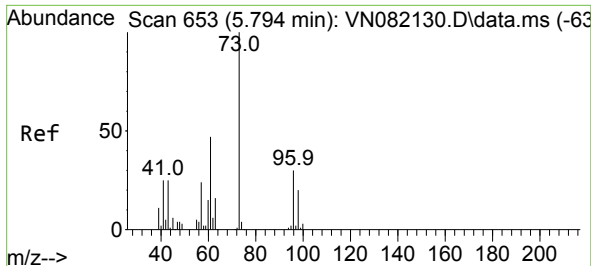
Tgt Ion: 76 Resp: 329037
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 53.200 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 43 Resp: 194470
Ion Ratio Lower Upper
43 100
74 20.8 22.2 33.2#

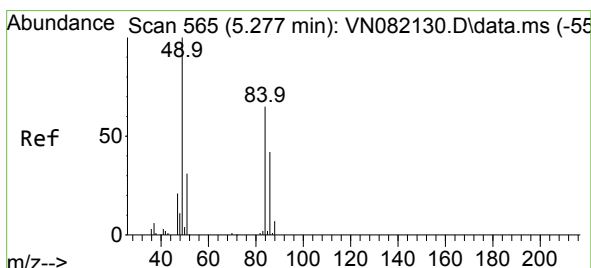
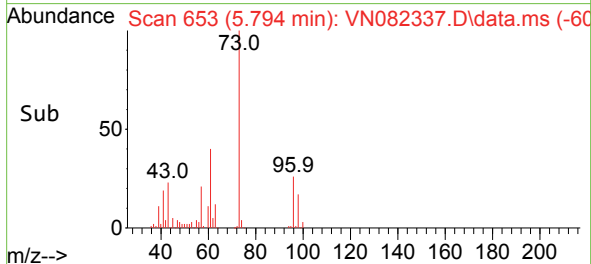
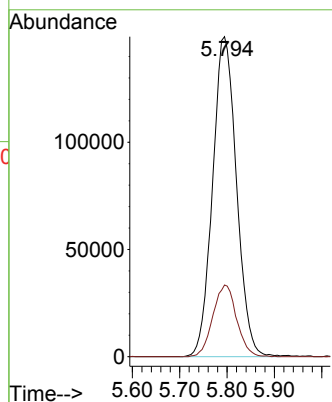
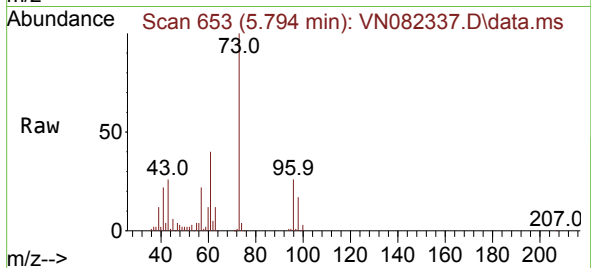




#19
Methyl tert-butyl Ether
Concen: 57.906 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

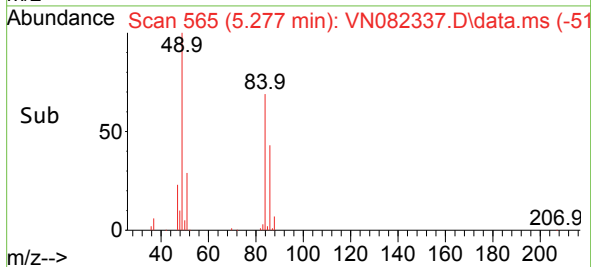
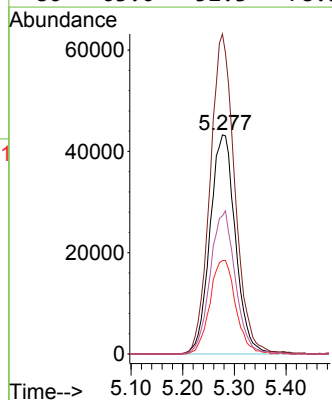
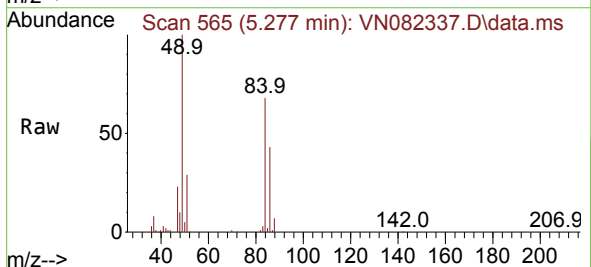
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

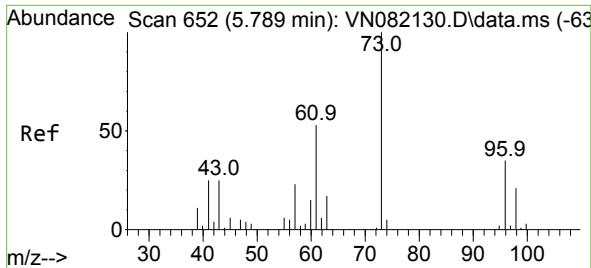
Tgt Ion: 73 Resp: 523811
Ion Ratio Lower Upper
73 100
57 22.4 16.5 24.7



#20
Methylene Chloride
Concen: 49.936 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 84 Resp: 147886
Ion Ratio Lower Upper
84 100
49 146.1 84.9 127.3#
51 42.6 27.0 40.6#
86 63.0 52.3 78.5

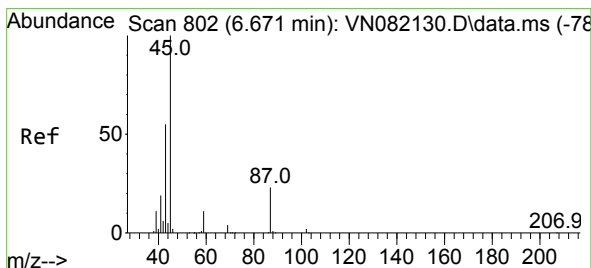
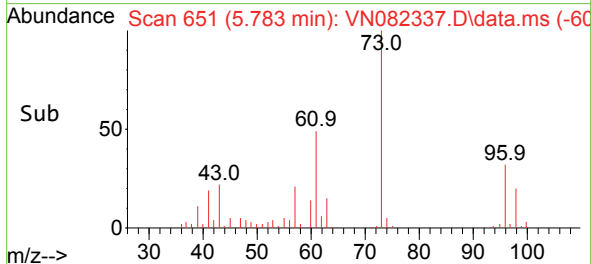
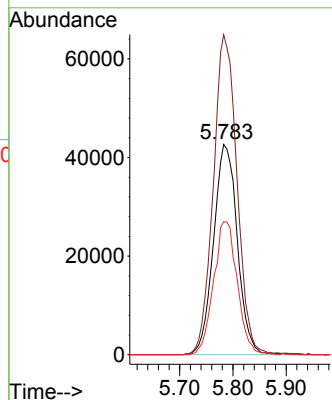
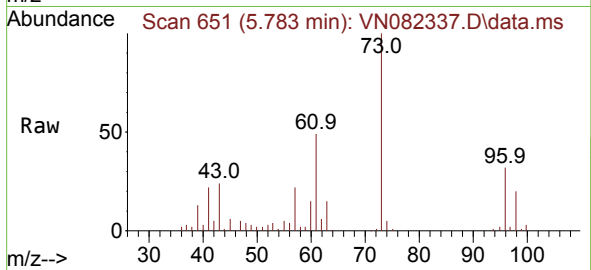




#21
trans-1,2-Dichloroethene
Concen: 48.991 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

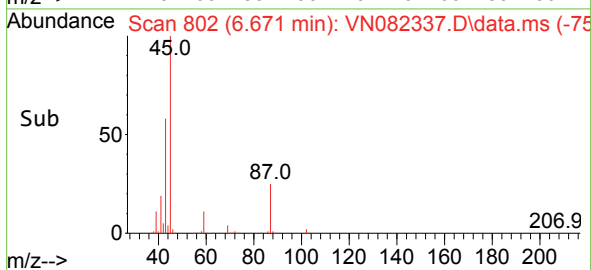
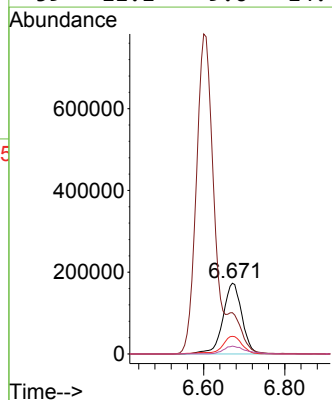
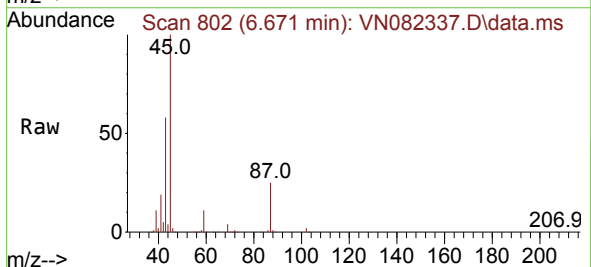
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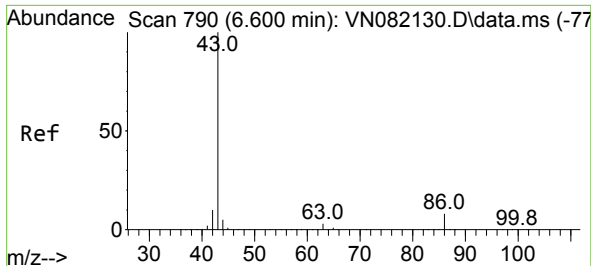
Tgt Ion: 96 Resp: 132123
Ion Ratio Lower Upper
96 100
61 152.2 96.5 144.7#
98 63.2 51.3 76.9



#22
Diisopropyl ether
Concen: 50.791 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 45 Resp: 561952
Ion Ratio Lower Upper
45 100
43 57.7 44.1 66.1
87 25.0 27.0 40.6#
59 11.1 9.6 14.4

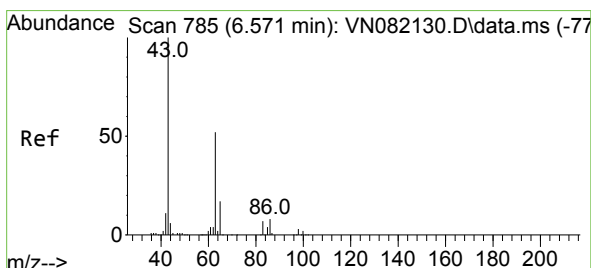
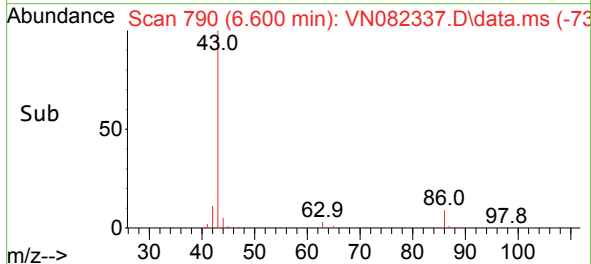
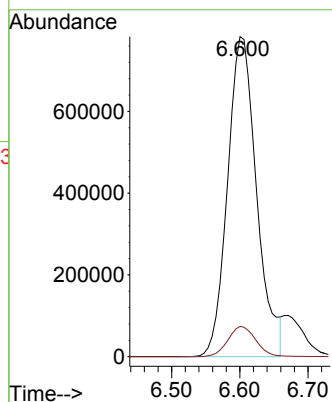
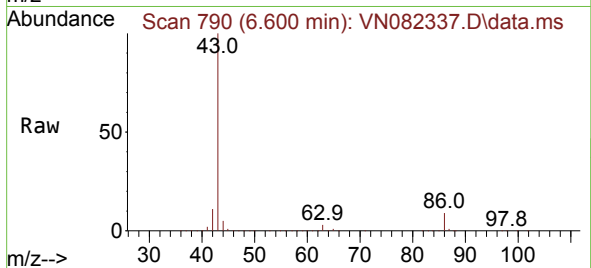




#23
 Vinyl Acetate
 Concen: 266.336 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082337.D
 Acq: 28 May 2024 10:52

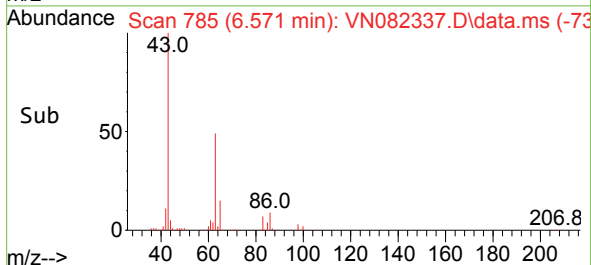
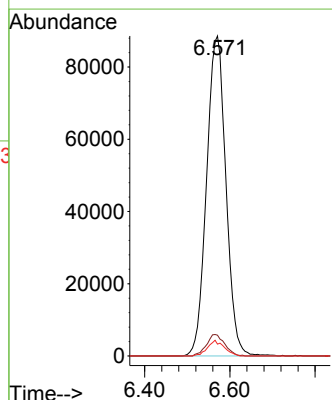
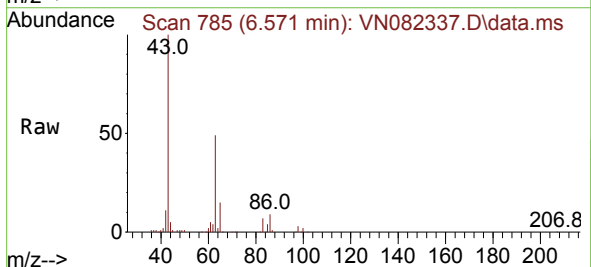
Instrument :
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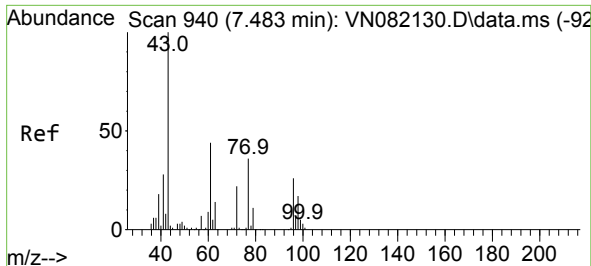
Tgt Ion: 43 Resp: 2323303
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 48.955 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082337.D
 Acq: 28 May 2024 10:52

Tgt Ion: 63 Resp: 279178
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 3.7 2.6 7.8

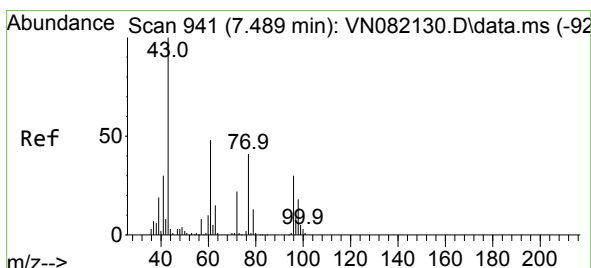
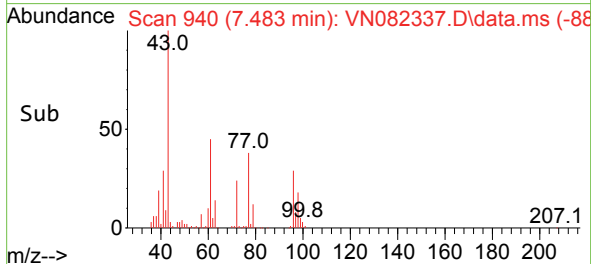
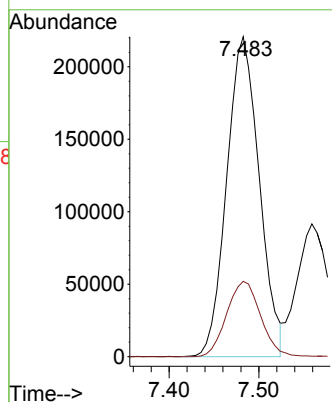
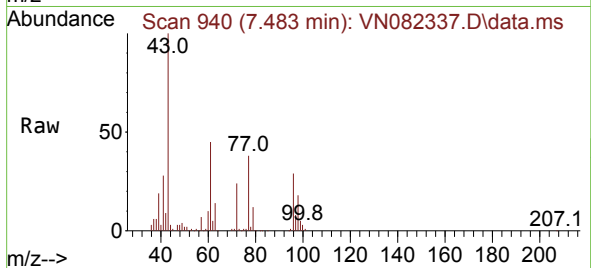




#25
2-Butanone
Concen: 250.132 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

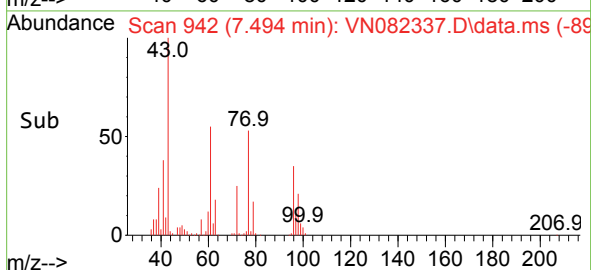
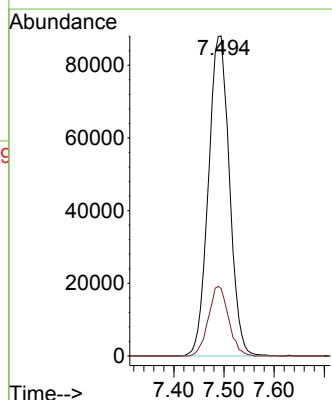
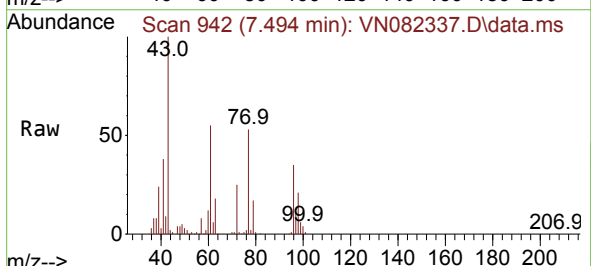
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ClientSampleId :
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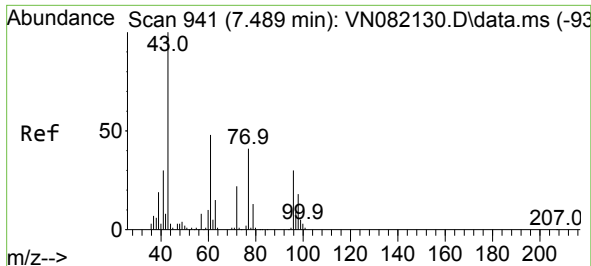
Tgt Ion: 43 Resp: 556657
Ion Ratio Lower Upper
43 100
72 23.6 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 53.684 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 77 Resp: 256427
Ion Ratio Lower Upper
77 100
97 20.9 11.3 33.9

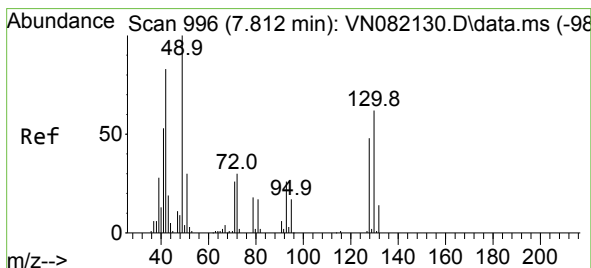
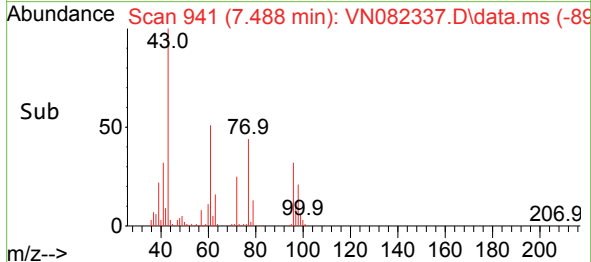
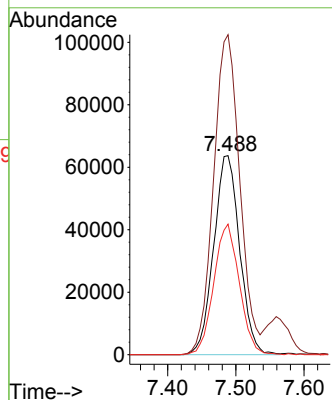
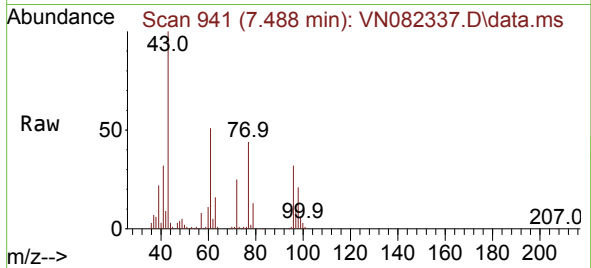




#27
 cis-1,2-Dichloroethene
 Concen: 53.064 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082337.D
 Acq: 28 May 2024 10:52

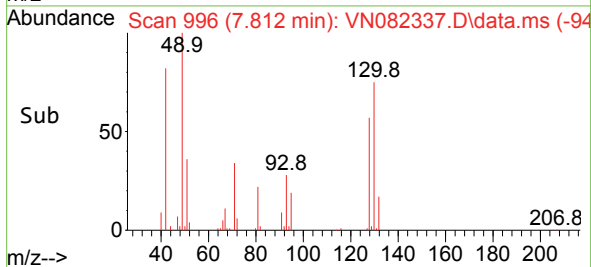
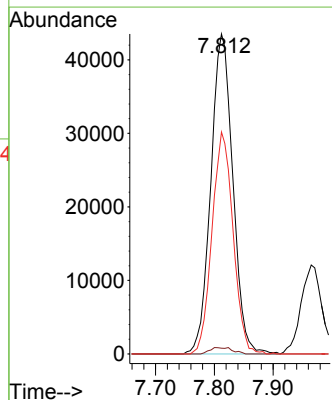
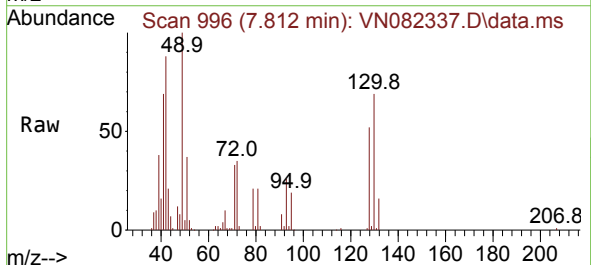
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

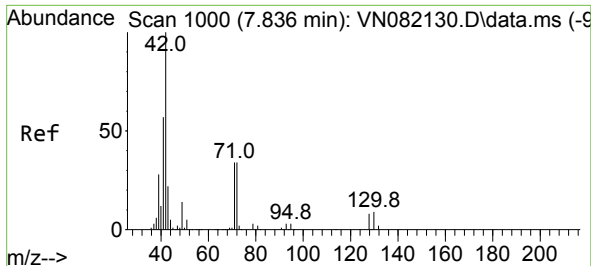
Tgt Ion: 96 Resp: 168891
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 268.0
 98 64.7 0.0 126.8



#28
 Bromochloromethane
 Concen: 45.450 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082337.D
 Acq: 28 May 2024 10:52

Tgt Ion: 49 Resp: 113124
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 66.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 256.513 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

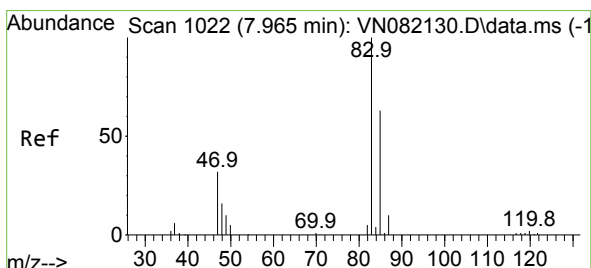
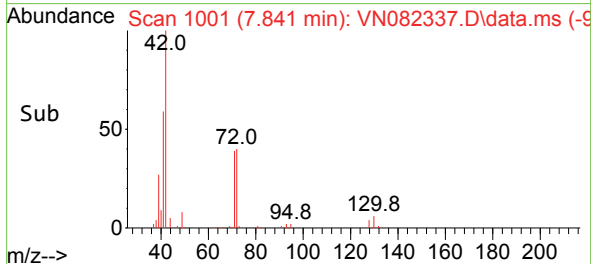
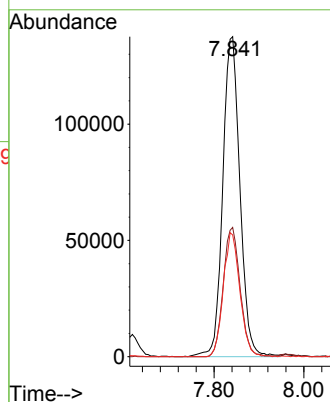
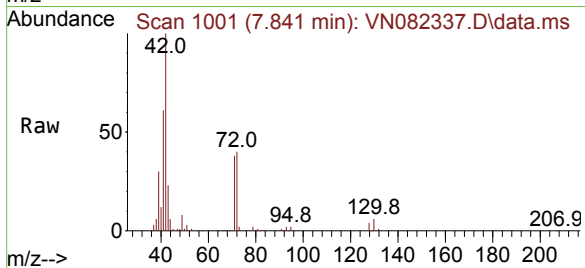
Tgt Ion: 42 Resp: 366521

Ion Ratio Lower Upper

42 100

72 39.9 39.3 58.9

71 37.5 37.4 56.0



#30

Chloroform

Concen: 53.931 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082337.D

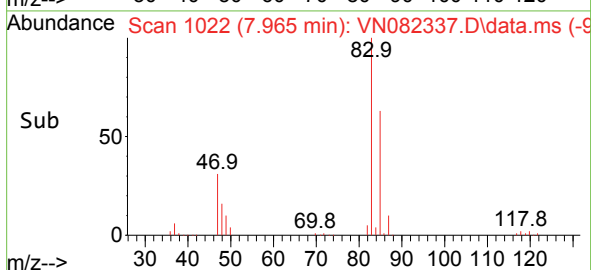
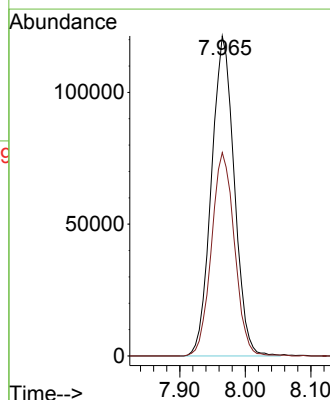
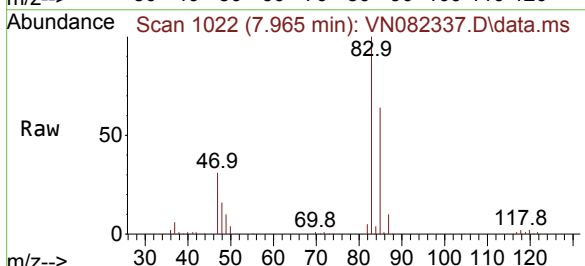
Acq: 28 May 2024 10:52

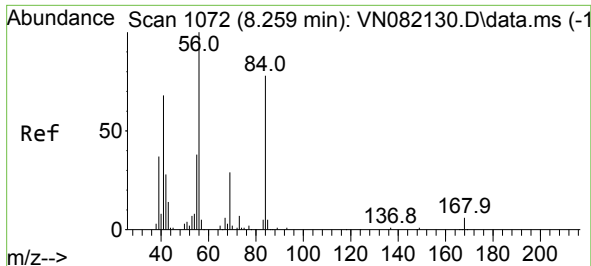
Tgt Ion: 83 Resp: 293696

Ion Ratio Lower Upper

83 100

85 63.6 50.7 76.1

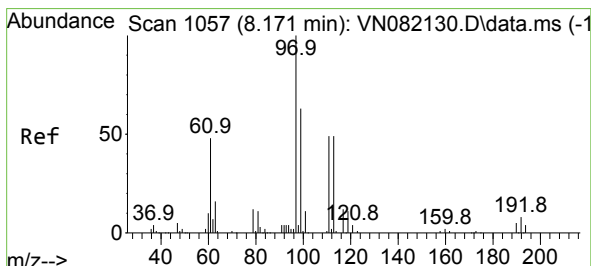
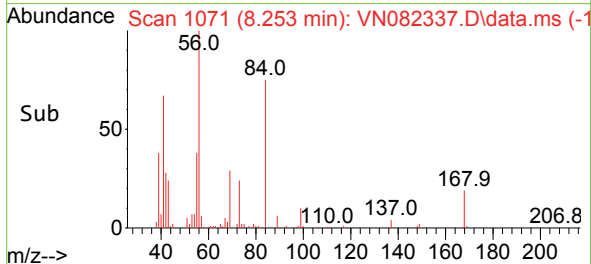
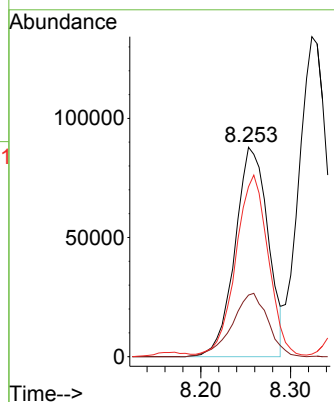
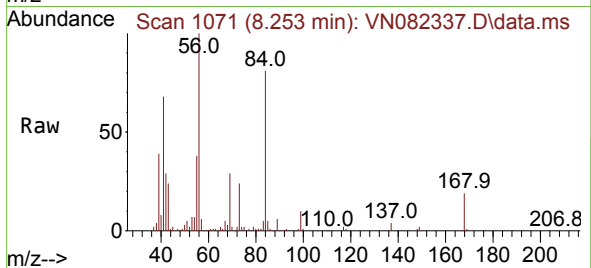




#31
Cyclohexane
Concen: 39.356 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

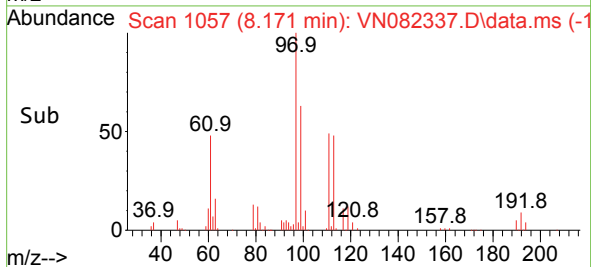
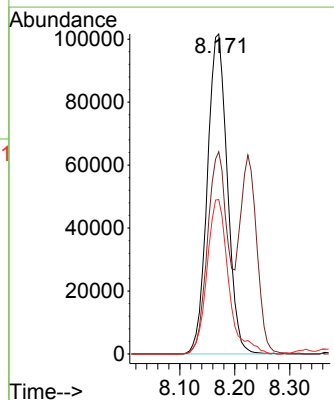
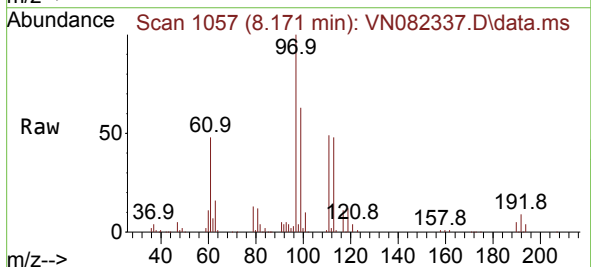
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

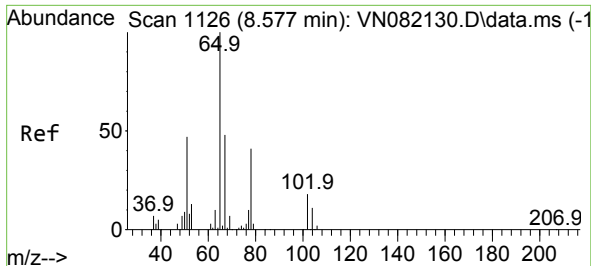
Tgt Ion: 56 Resp: 224914
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 79.6 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 53.096 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 97 Resp: 256524
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 52.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.755 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

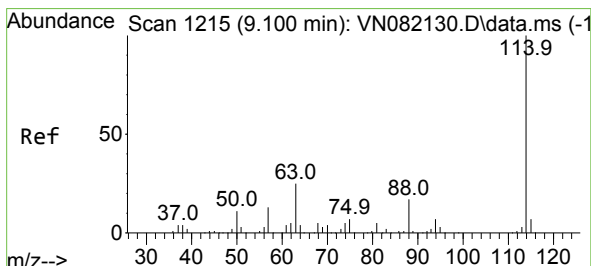
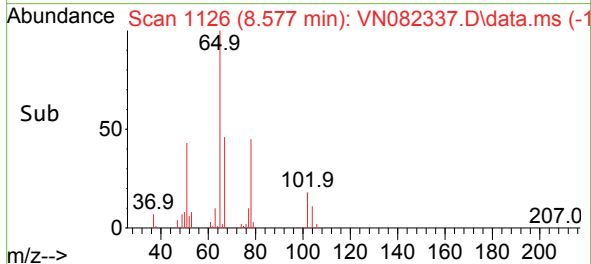
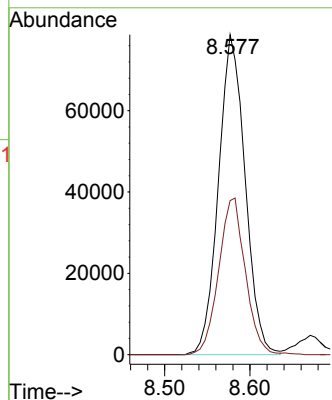
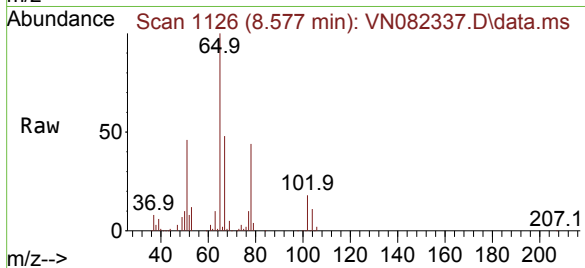
VSTDCCC050

Tgt Ion: 65 Resp: 170875

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

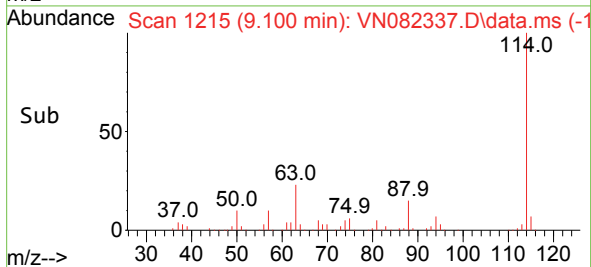
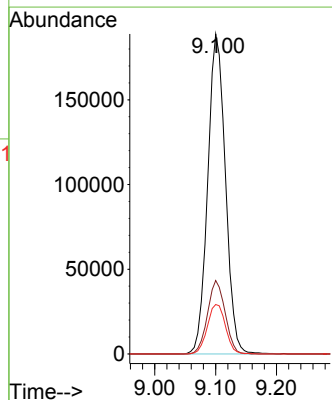
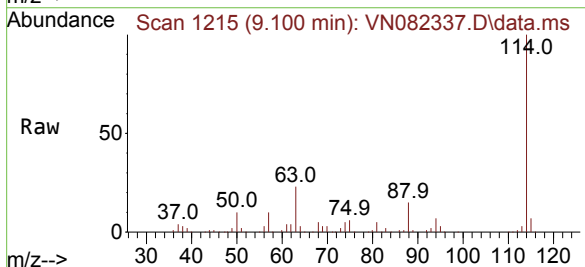
Tgt Ion: 114 Resp: 381866

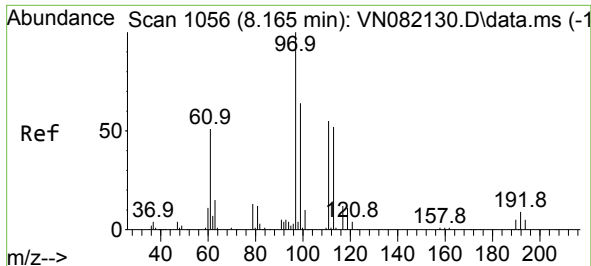
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 15.5 0.0 31.4

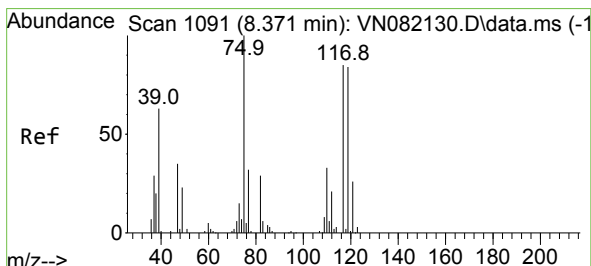
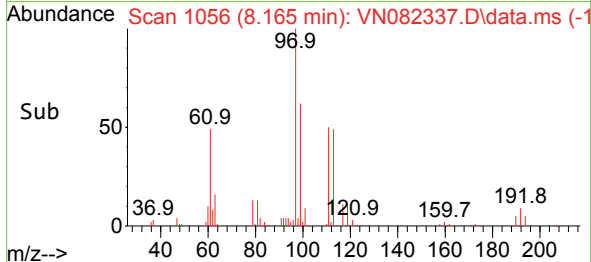
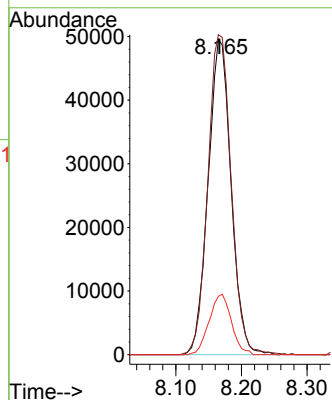
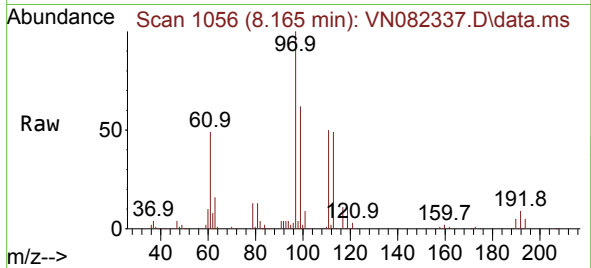




#35
Dibromofluoromethane
Concen: 51.263 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

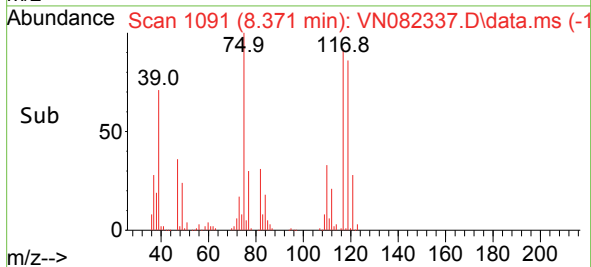
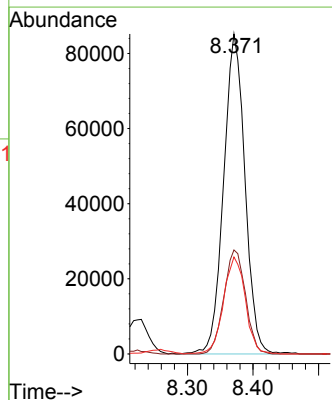
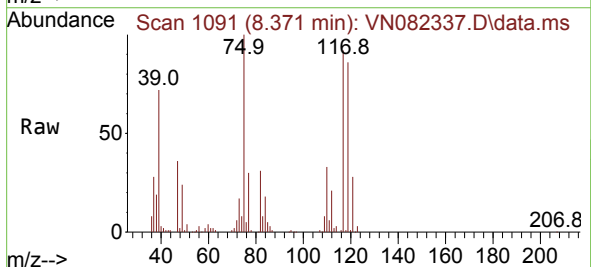
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

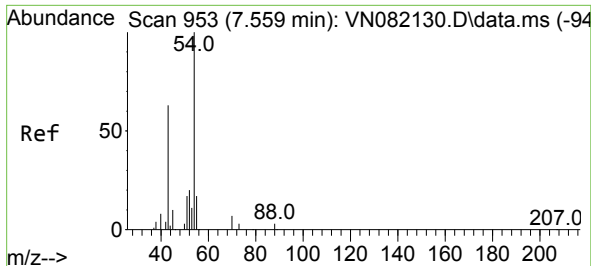
Tgt Ion:113 Resp: 120420
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 18.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 48.874 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 75 Resp: 192552
Ion Ratio Lower Upper
75 100
110 32.8 17.8 53.5
77 31.0 25.0 37.4

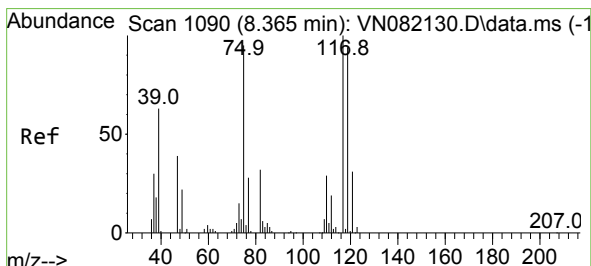
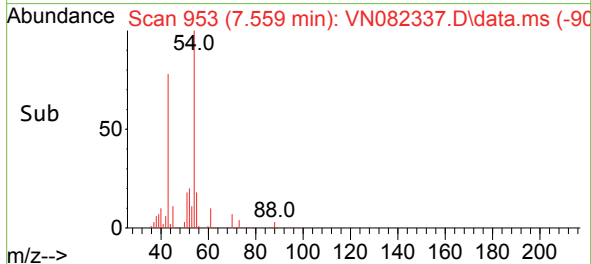
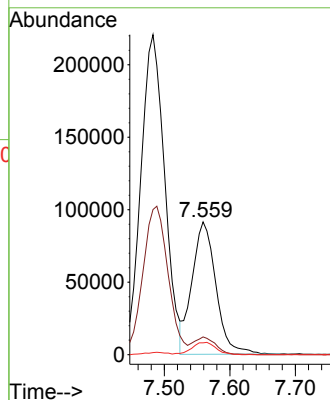
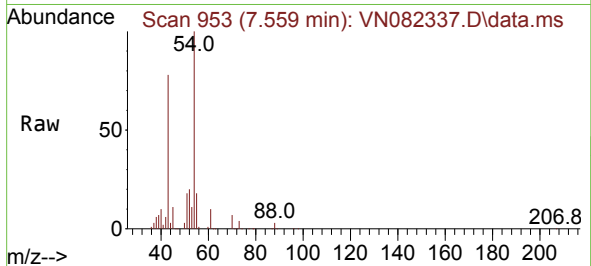




#37
Ethyl Acetate
Concen: 52.665 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

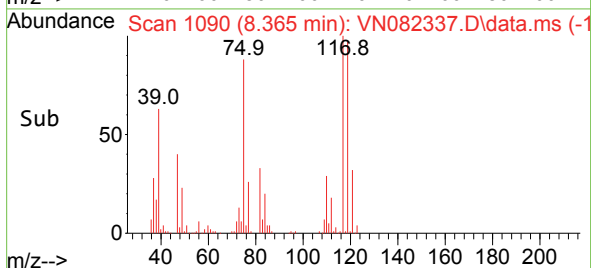
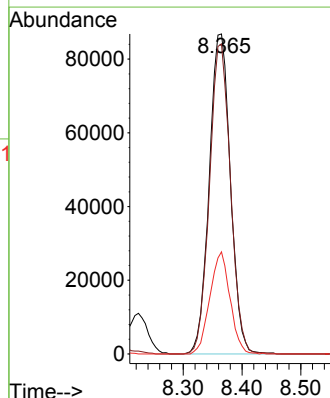
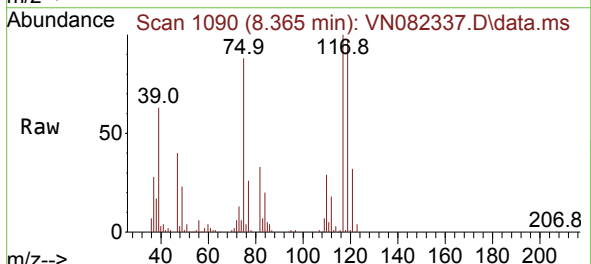
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

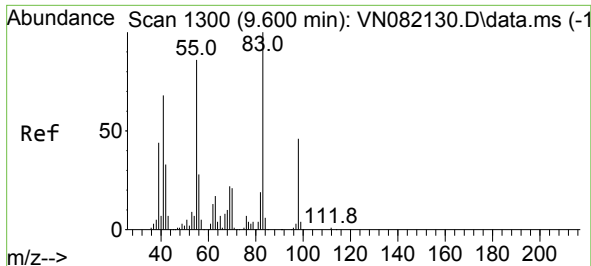
Tgt Ion: 43 Resp: 232205
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 9.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 54.329 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 117 Resp: 216978
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
121 31.9 23.9 35.9





#39

Methylcyclohexane

Concen: 47.739 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

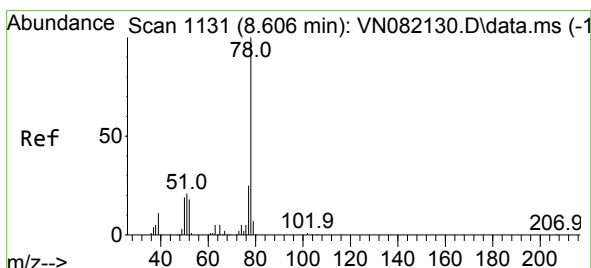
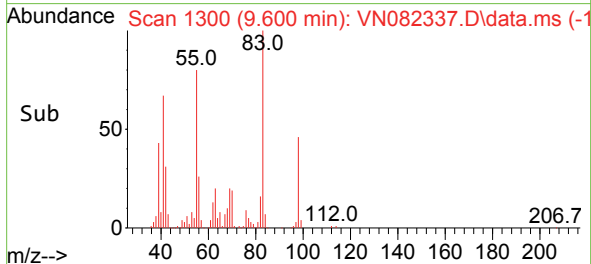
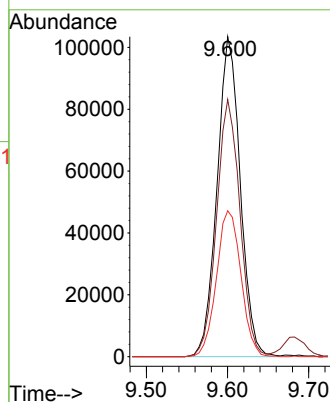
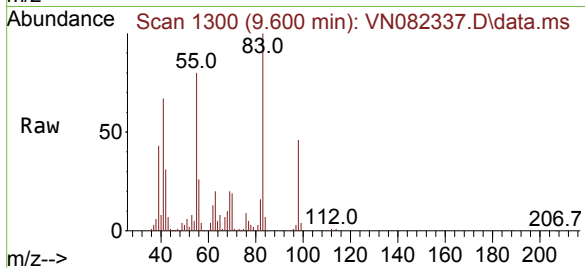
Tgt Ion: 83 Resp: 206162

Ion Ratio Lower Upper

83 100

55 80.4 53.0 79.6#

98 45.6 37.1 55.7



#40

Benzene

Concen: 51.387 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082337.D

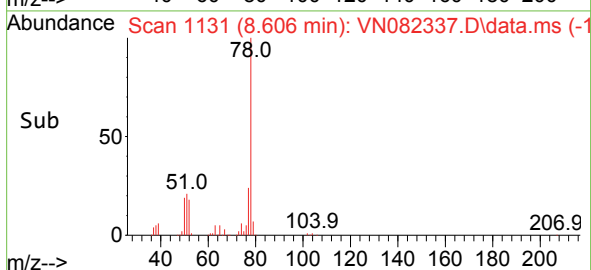
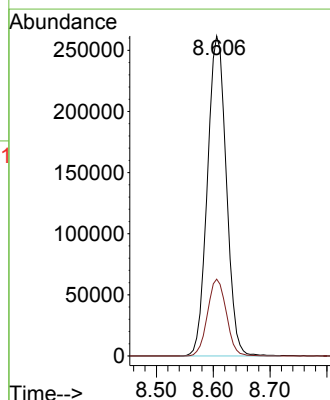
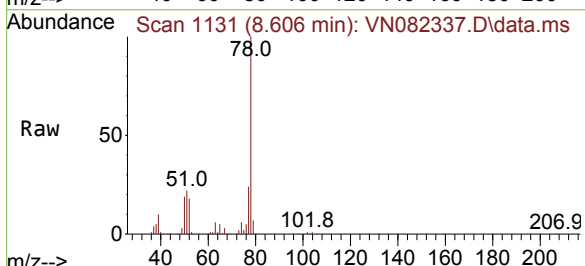
Acq: 28 May 2024 10:52

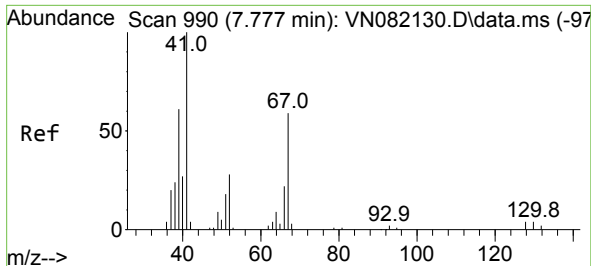
Tgt Ion: 78 Resp: 603718

Ion Ratio Lower Upper

78 100

77 24.0 20.0 30.0



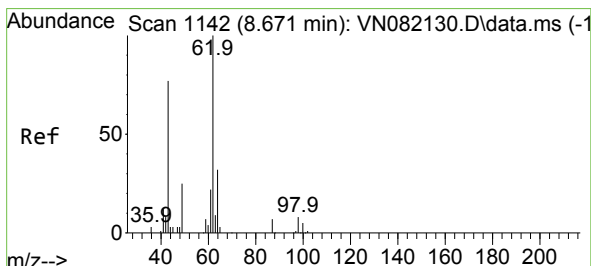
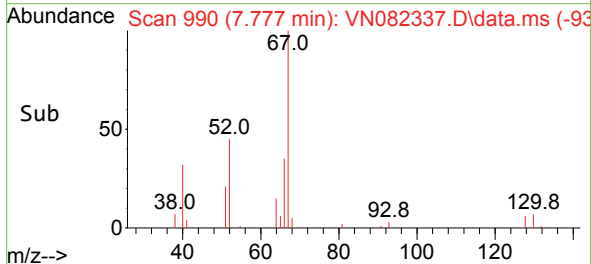
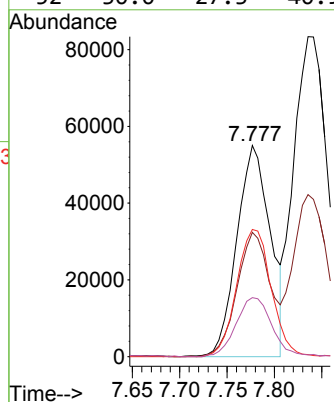
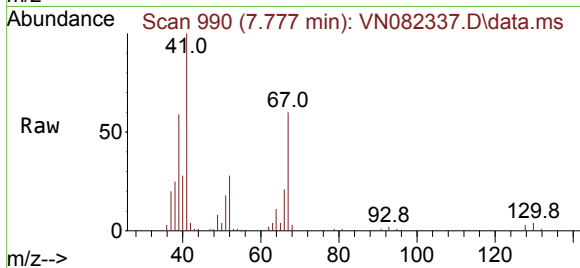


#41
Methacrylonitrile
Concen: 52.341 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 135722

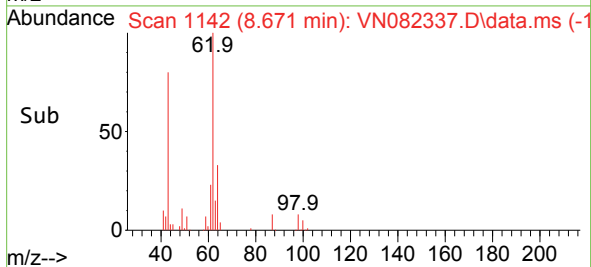
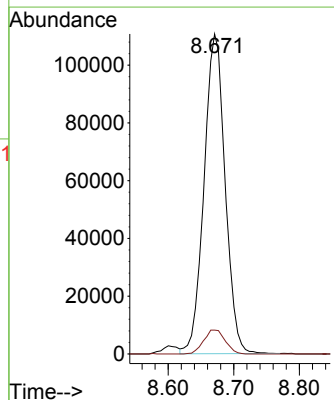
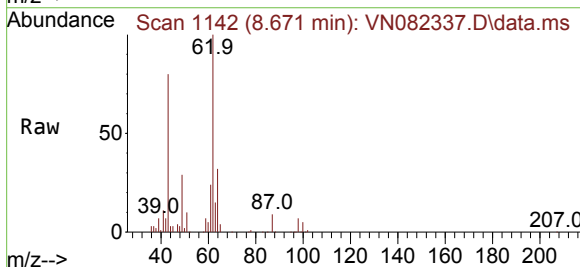
Ion	Ratio	Lower	Upper
41	100		
39	58.9	46.6	69.8
67	62.1	67.3	100.9
52	30.0	27.3	40.9

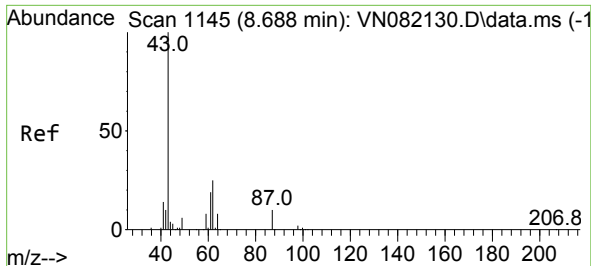


#42
1,2-Dichloroethane
Concen: 54.794 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 62 Resp: 247581

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	19.6

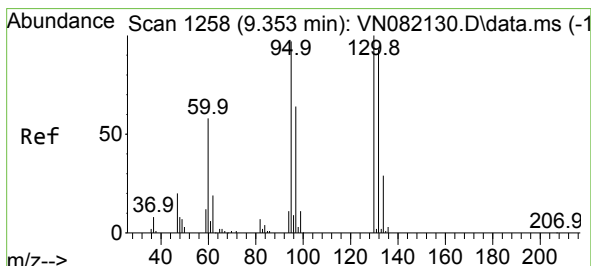
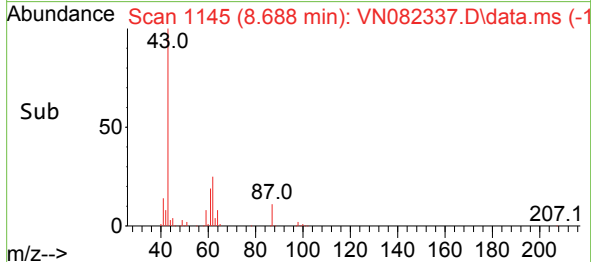
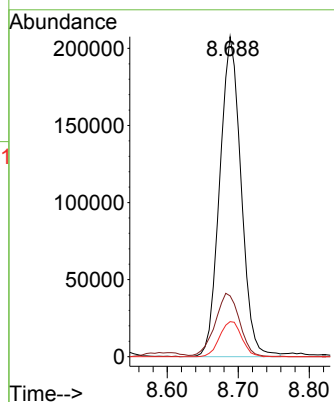
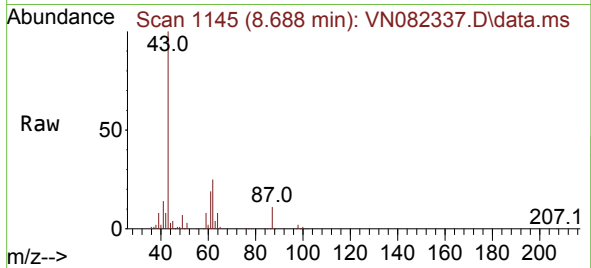




#43
Isopropyl Acetate
Concen: 55.333 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

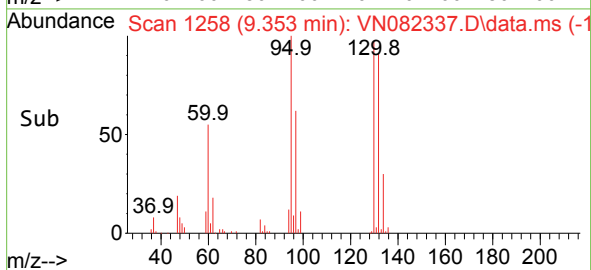
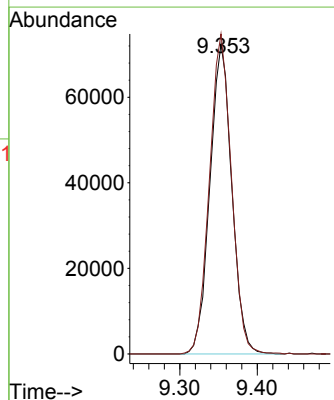
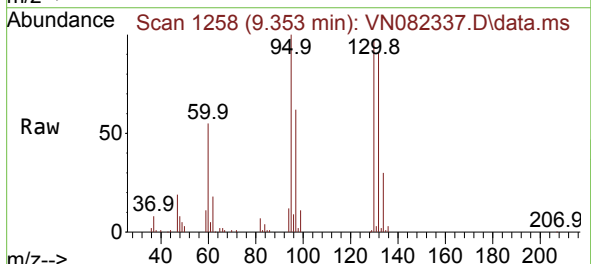
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

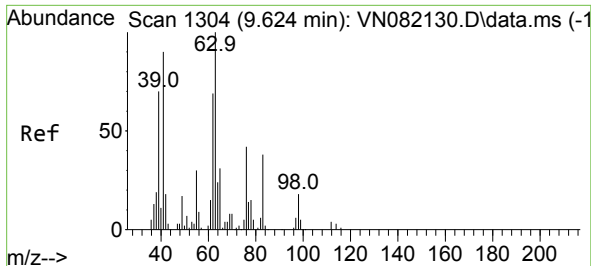
Tgt Ion: 43 Resp: 432292
Ion Ratio Lower Upper
43 100
61 22.8 22.8 34.2
87 11.3 12.0 18.0#



#44
Trichloroethene
Concen: 53.152 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion:130 Resp: 141847
Ion Ratio Lower Upper
130 100
95 103.3 0.0 195.4

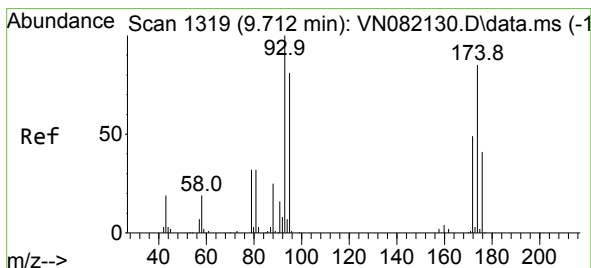
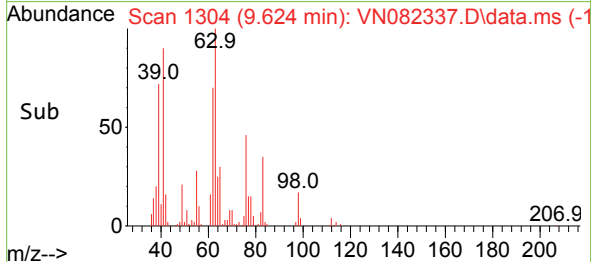
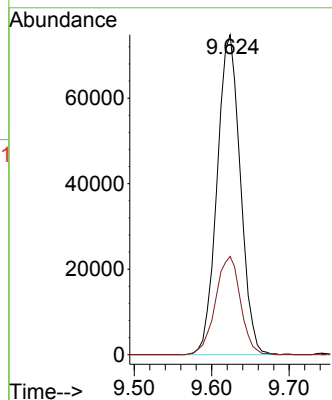
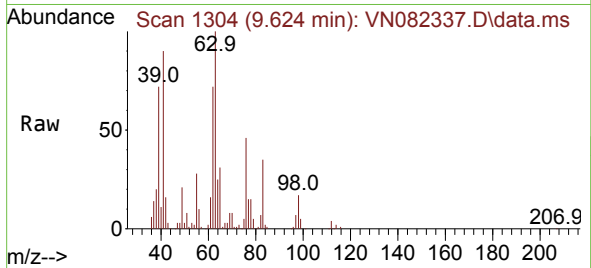




#45
1,2-Dichloropropane
Concen: 51.489 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

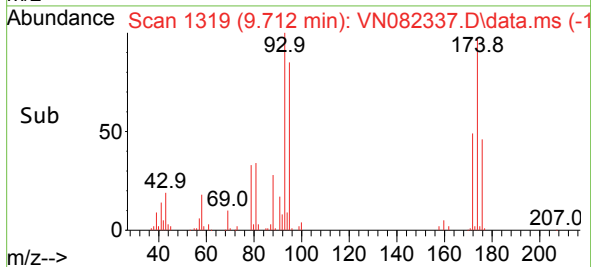
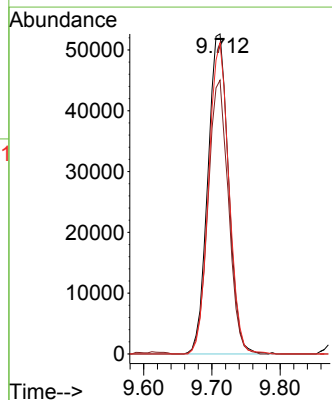
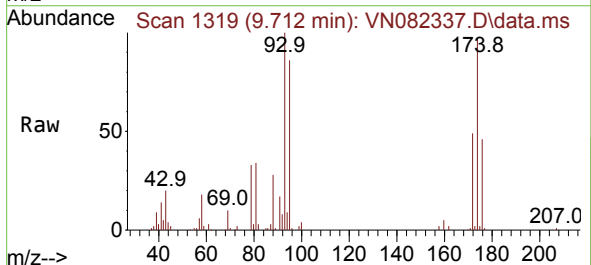
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

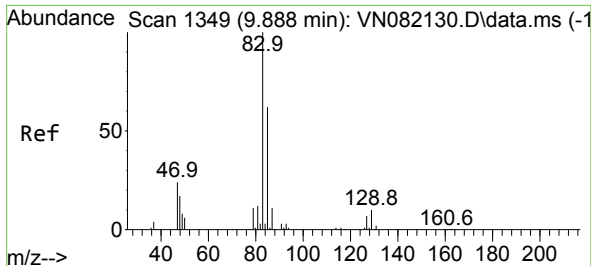
Tgt Ion: 63 Resp: 156074
Ion Ratio Lower Upper
63 100
65 30.7 24.1 36.1



#46
Dibromomethane
Concen: 55.951 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 93 Resp: 111348
Ion Ratio Lower Upper
93 100
95 84.1 64.8 97.2
174 94.9 73.4 110.0

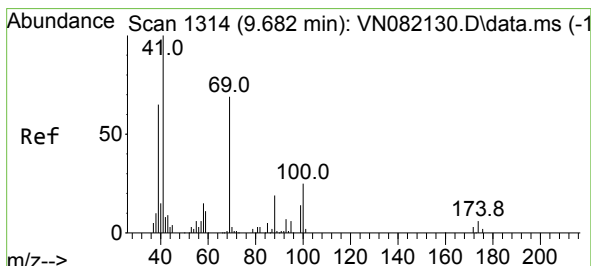
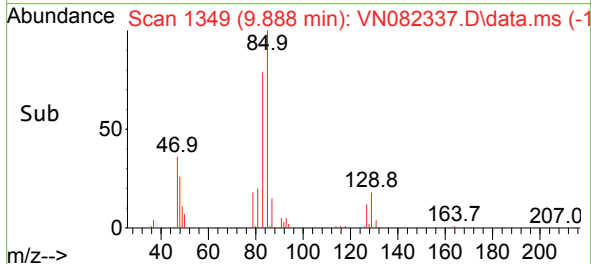
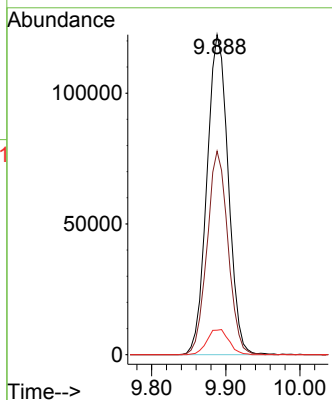
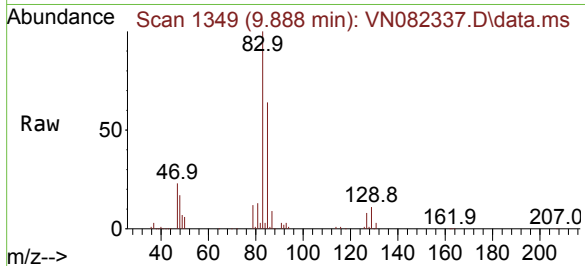




#47
Bromodichloromethane
Concen: 58.225 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

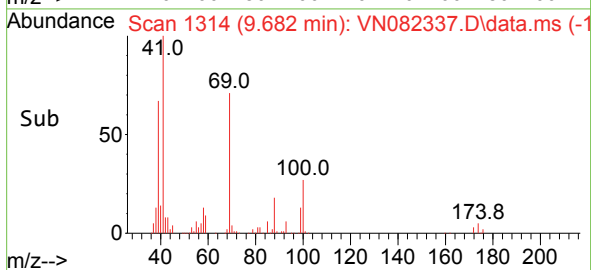
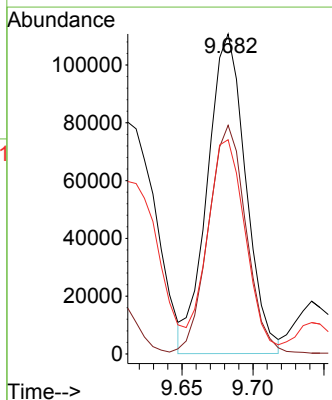
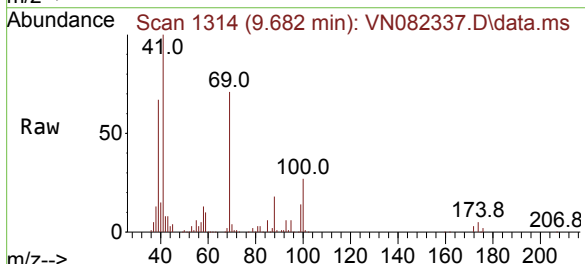
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

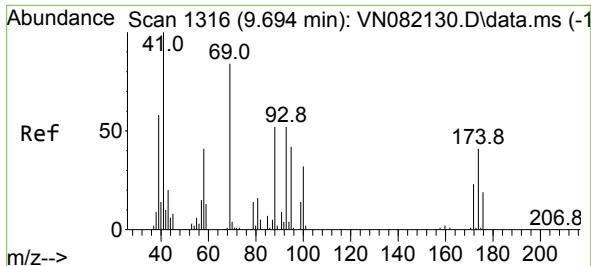
Tgt Ion: 83 Resp: 244620
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 7.6 7.5 11.3



#48
Methyl methacrylate
Concen: 55.787 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 41 Resp: 207678
Ion Ratio Lower Upper
41 100
69 71.0 77.9 116.9#
39 66.5 50.9 76.3





#49

1,4-Dioxane

Concen: 1167.678 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

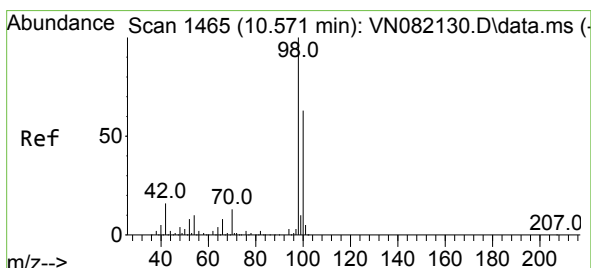
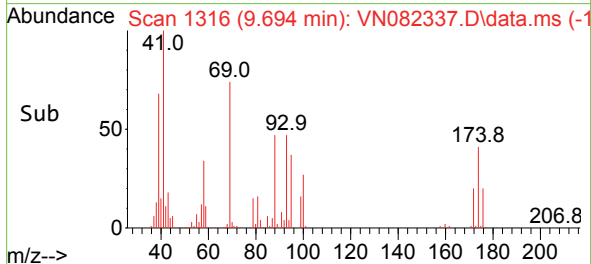
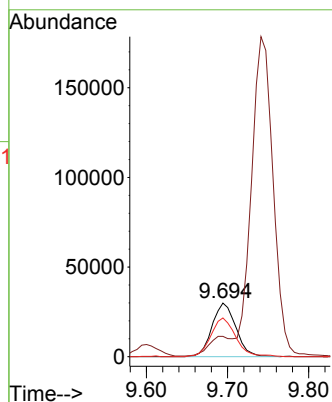
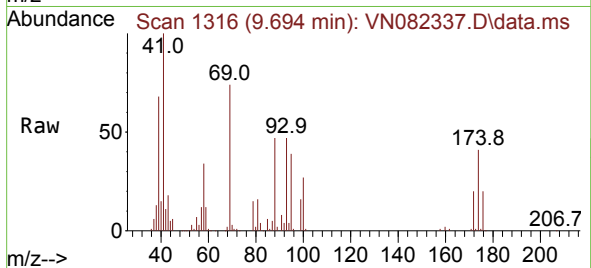
Tgt Ion: 88 Resp: 60912

Ion Ratio Lower Upper

88 100

43 36.4 19.0 28.6#

58 75.5 50.6 76.0



#50

Toluene-d8

Concen: 47.310 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082337.D

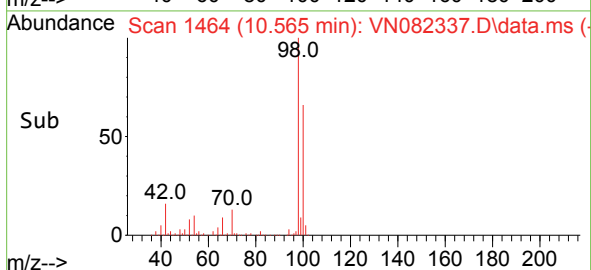
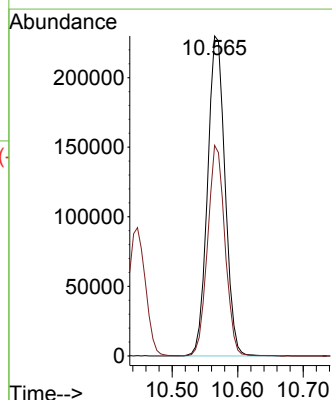
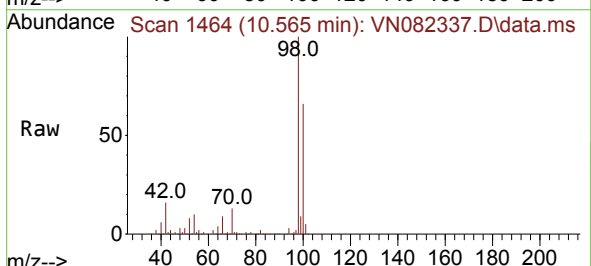
Acq: 28 May 2024 10:52

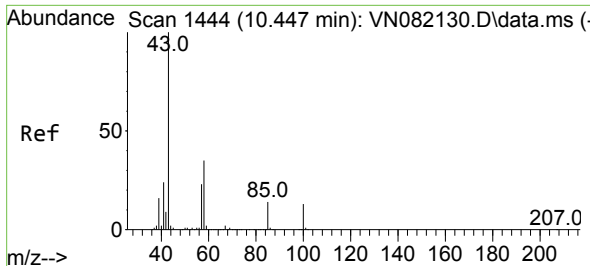
Tgt Ion: 98 Resp: 426077

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

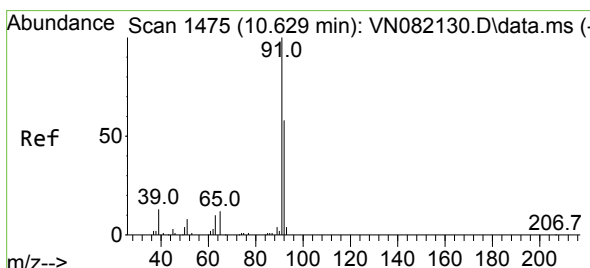
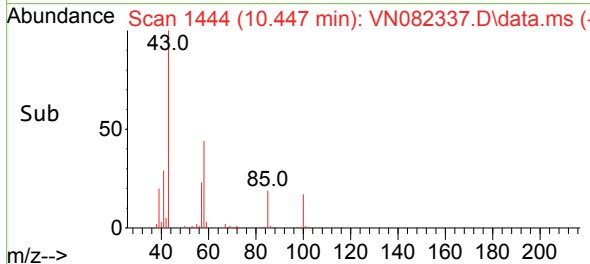
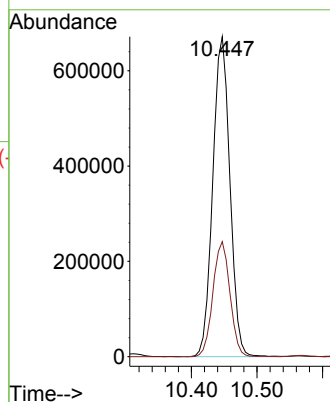
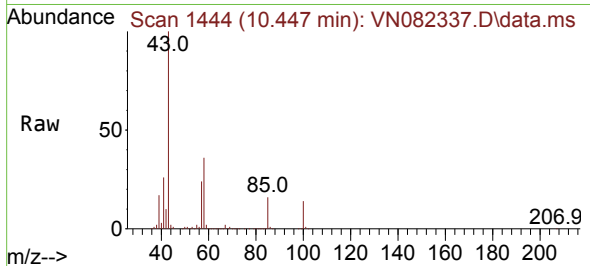




#51
4-Methyl-2-Pentanone
Concen: 274.102 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

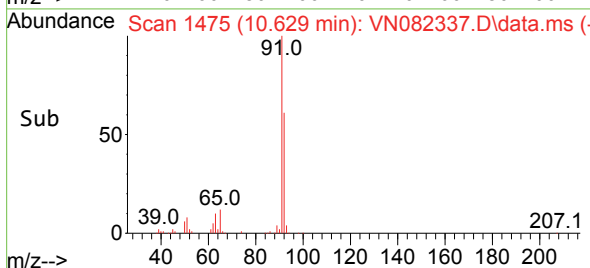
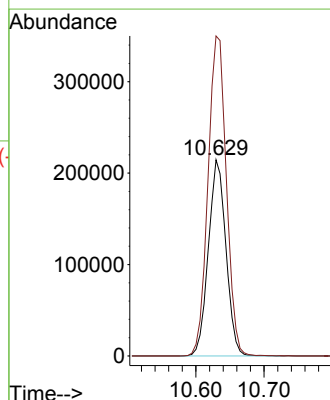
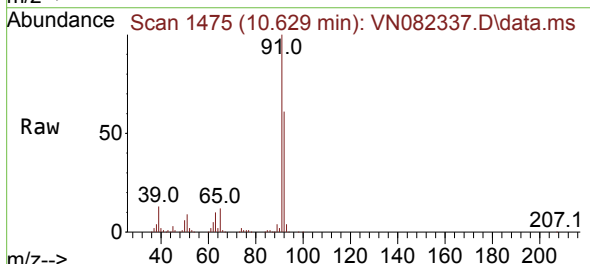
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

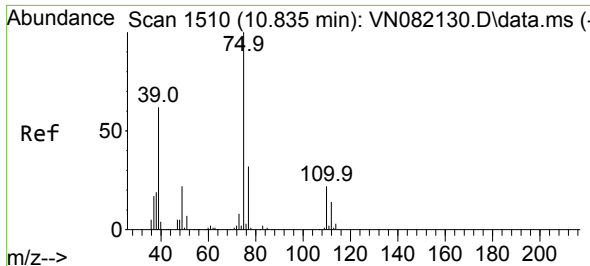
Tgt Ion: 43 Resp: 1216699
Ion Ratio Lower Upper
43 100
58 35.8 33.2 49.8



#52
Toluene
Concen: 54.593 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 92 Resp: 384894
Ion Ratio Lower Upper
92 100
91 170.7 136.7 205.1

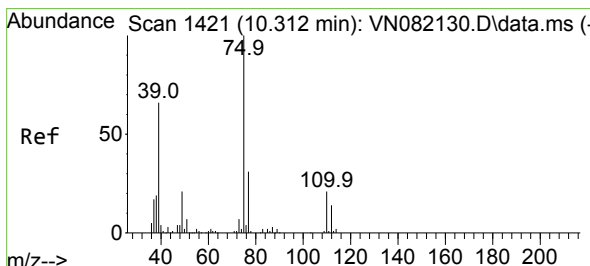
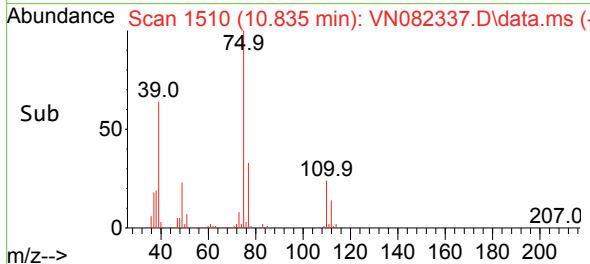
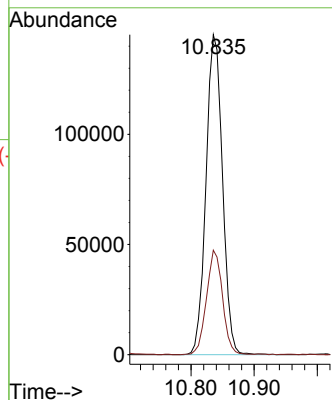
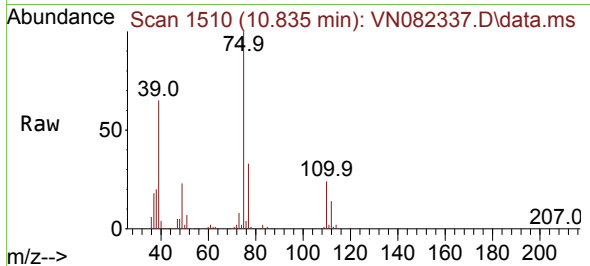




#53
t-1,3-Dichloropropene
Concen: 60.657 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

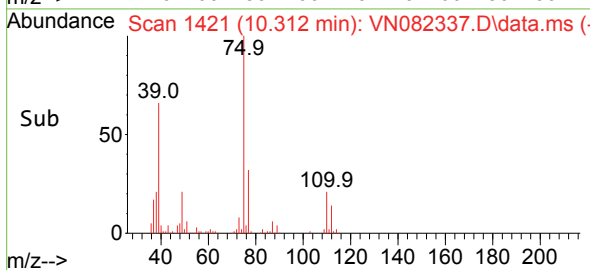
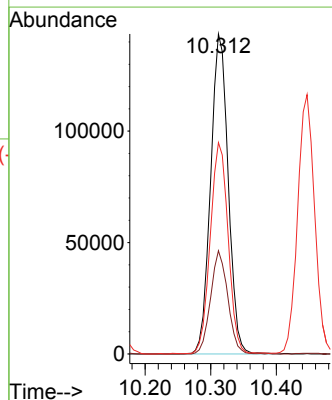
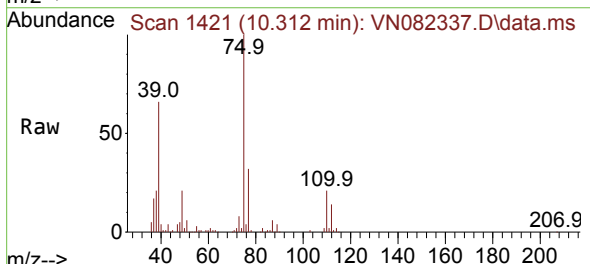
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

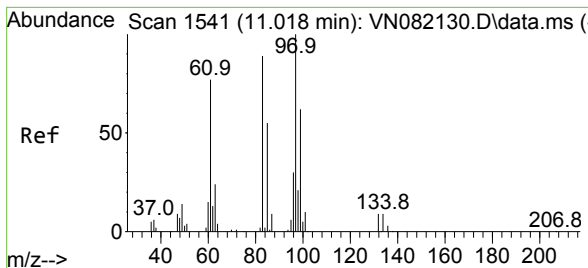
Tgt Ion: 75 Resp: 263558
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.085 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 75 Resp: 267150
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 65.9 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 57.576 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 147517

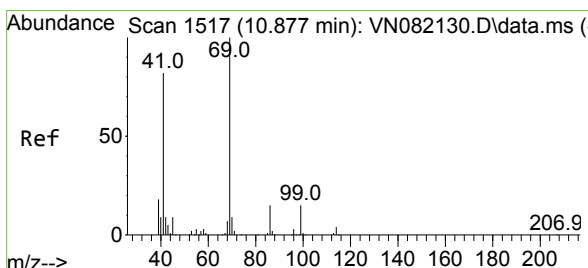
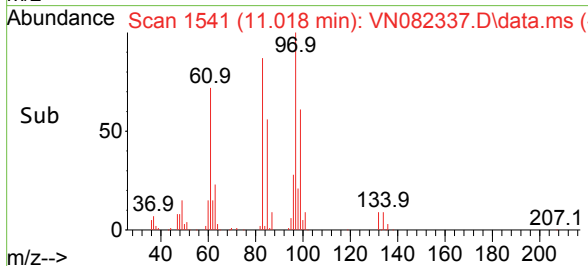
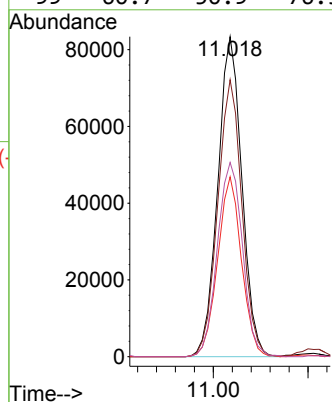
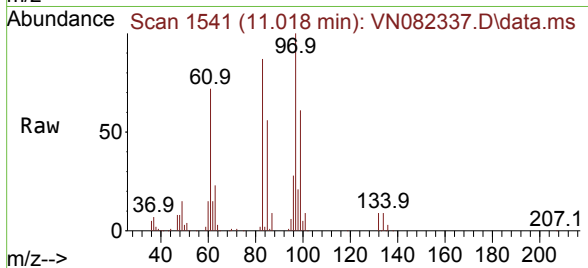
Ion Ratio Lower Upper

97 100

83 86.6 70.4 105.6

85 56.2 45.6 68.4

99 60.7 50.9 76.3



#56

Ethyl methacrylate

Concen: 61.074 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

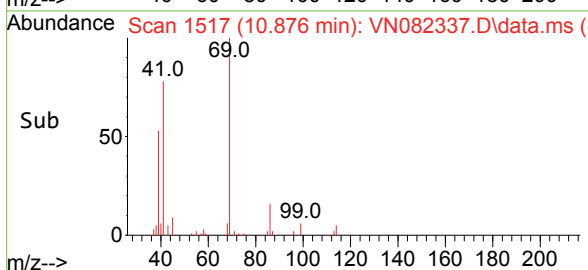
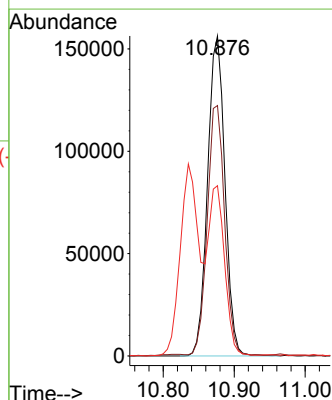
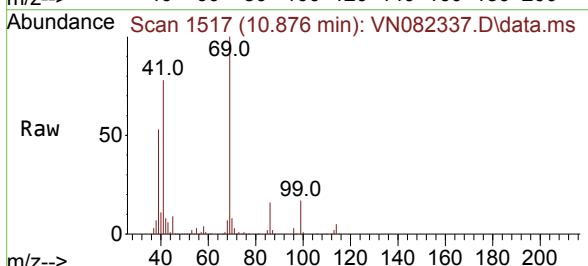
Tgt Ion: 69 Resp: 265668

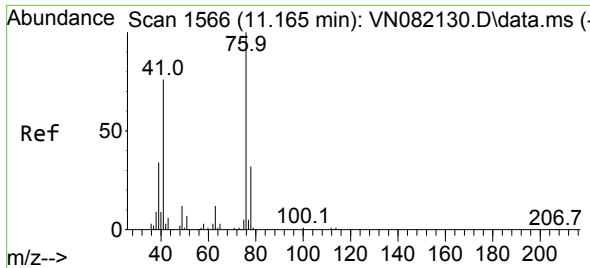
Ion Ratio Lower Upper

69 100

41 78.0 46.6 70.0#

39 47.3 26.5 39.7#

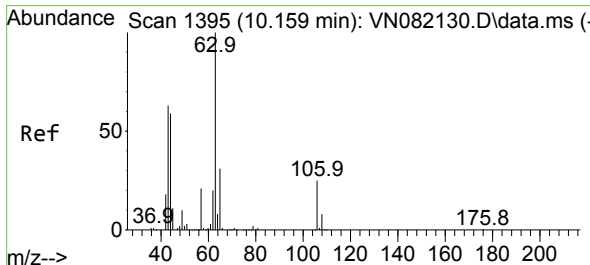
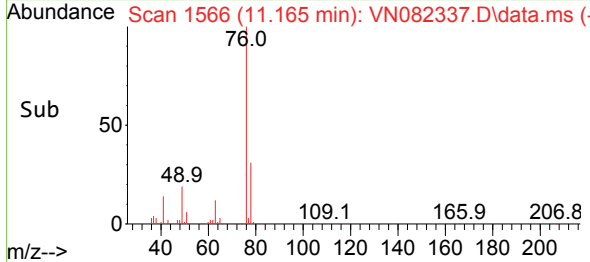
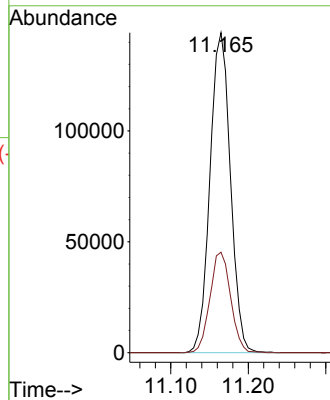
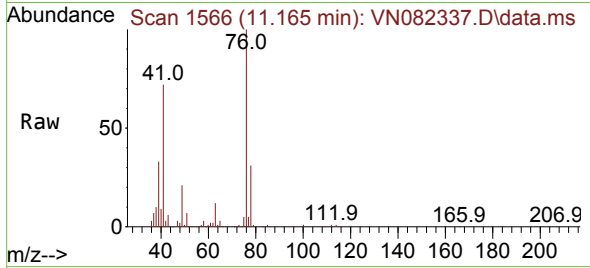




#57
1,3-Dichloropropane
Concen: 55.209 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

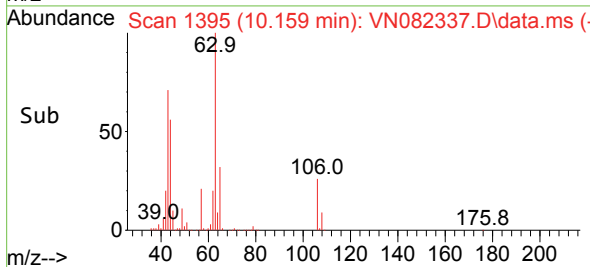
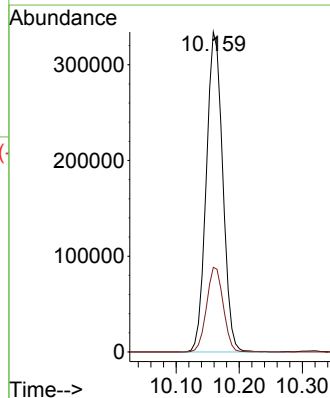
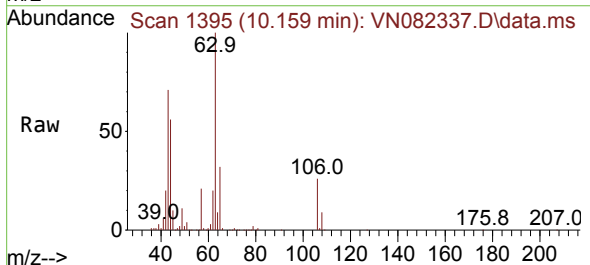
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

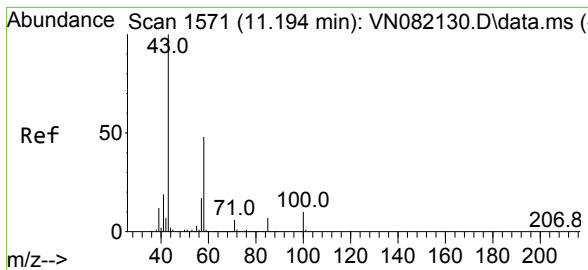
Tgt Ion: 76 Resp: 264479
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 268.606 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 63 Resp: 602674
Ion Ratio Lower Upper
63 100
106 26.8 24.6 36.8

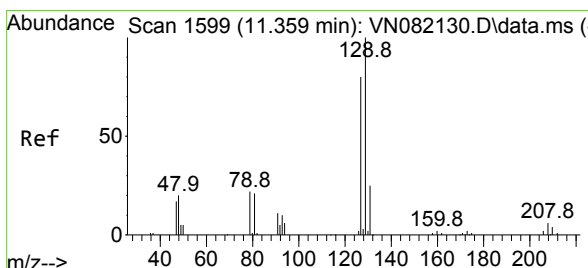
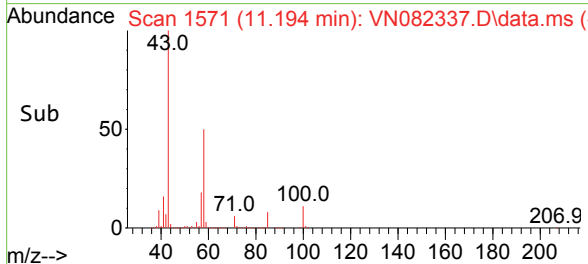
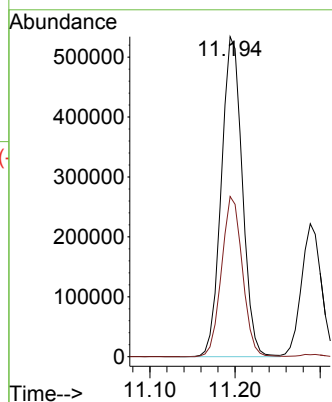
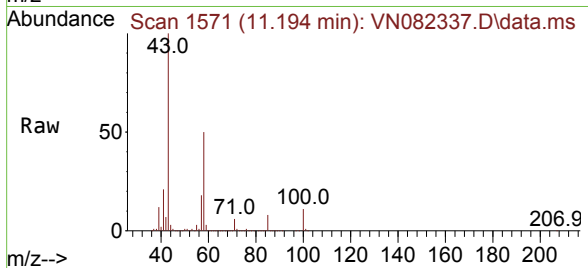




#59
2-Hexanone
Concen: 281.169 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

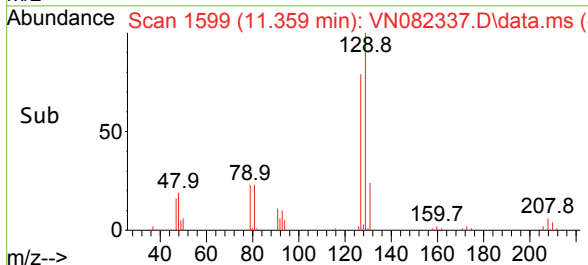
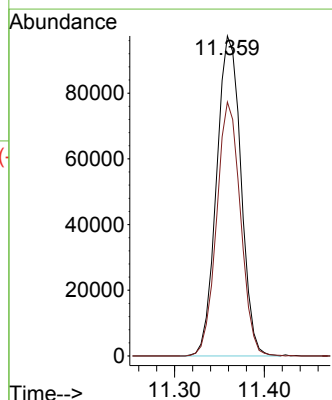
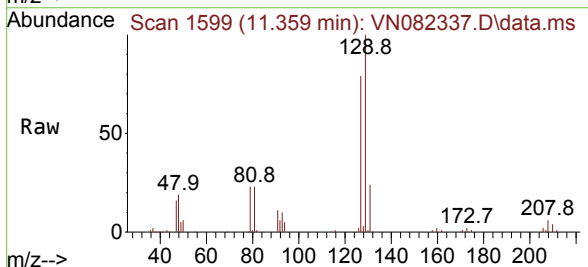
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

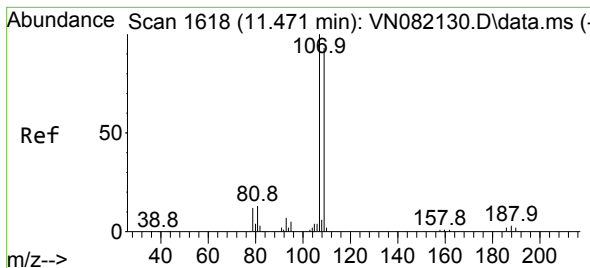
Tgt Ion: 43 Resp: 913841
Ion Ratio Lower Upper
43 100
58 49.8 28.3 84.9



#60
Dibromochloromethane
Concen: 65.026 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 129 Resp: 183858
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8

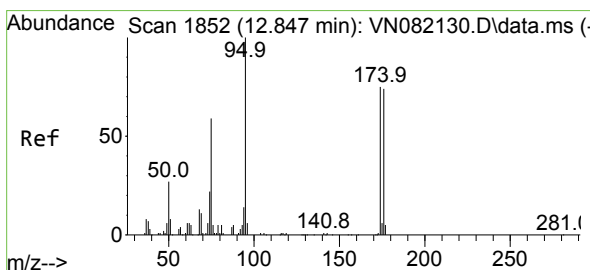
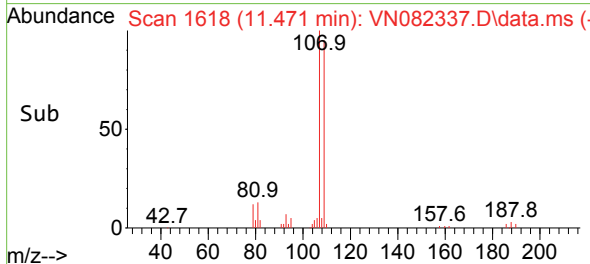
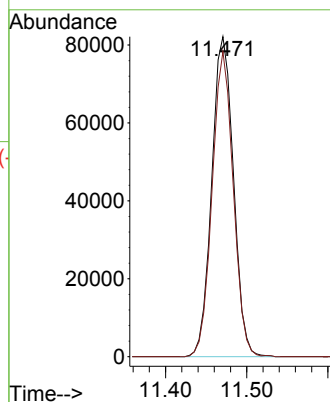
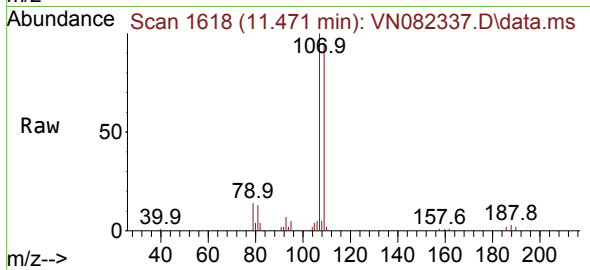




#61
1,2-Dibromoethane
Concen: 57.971 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

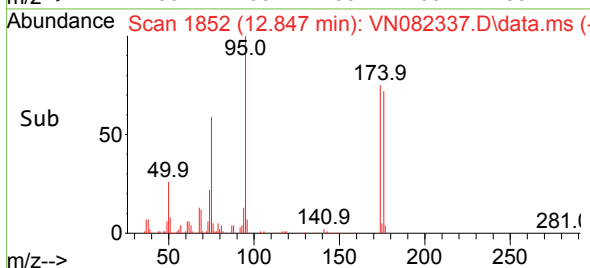
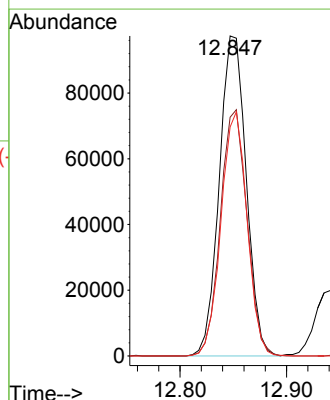
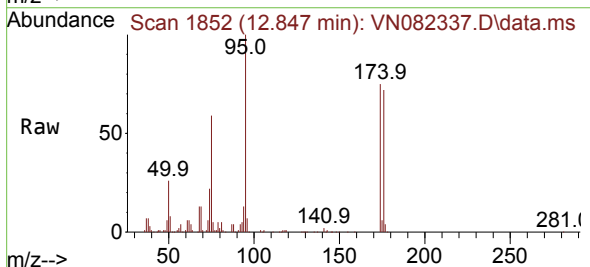
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

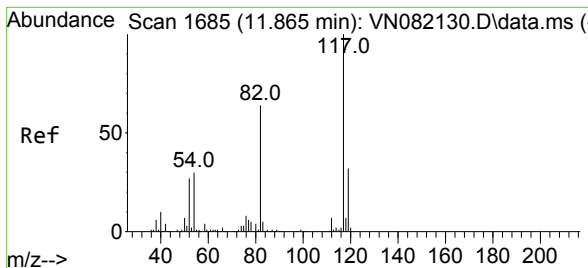
Tgt Ion:107 Resp: 152559
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.229 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 95 Resp: 171104
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.6
176 73.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

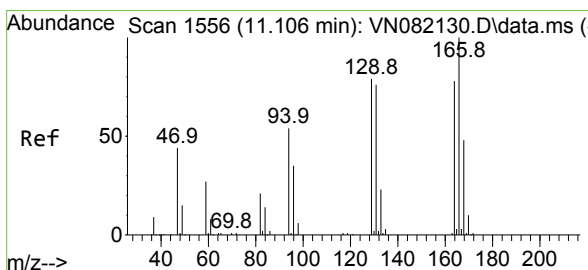
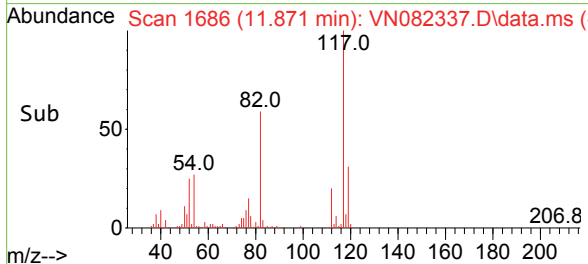
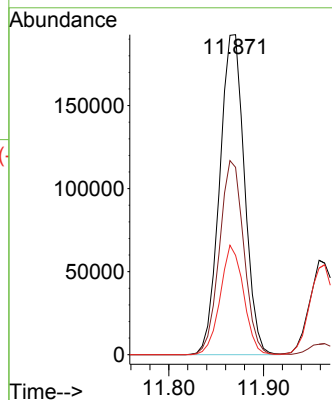
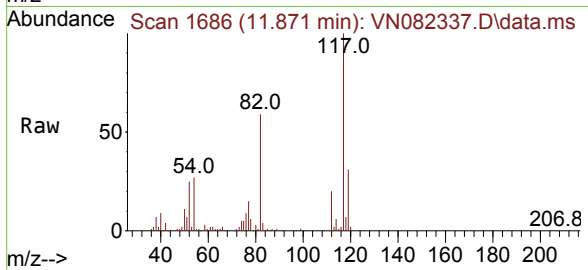
Tgt Ion:117 Resp: 351129

Ion Ratio Lower Upper

117 100

82 58.6 44.6 66.8

119 31.0 25.9 38.9



#64

Tetrachloroethene

Concen: 52.741 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Tgt Ion:164 Resp: 137262

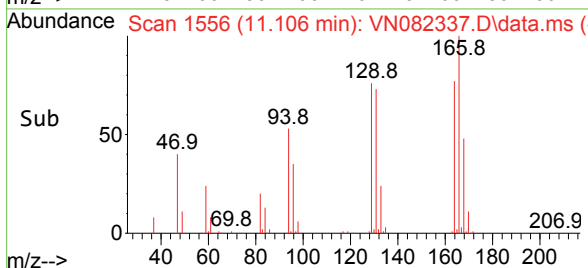
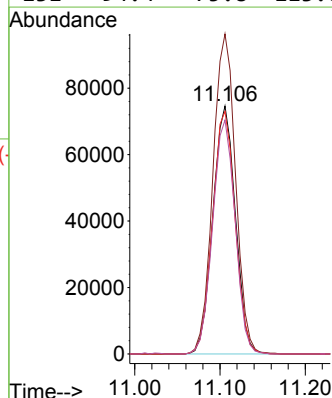
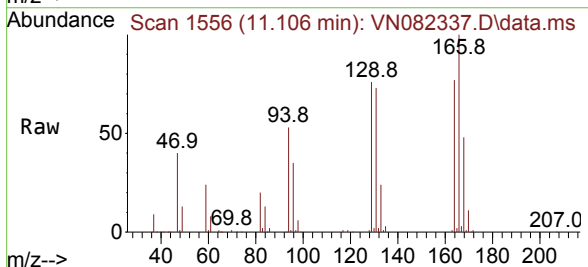
Ion Ratio Lower Upper

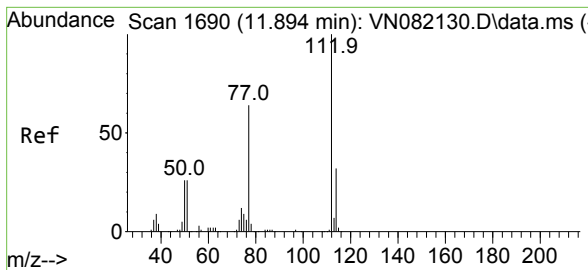
164 100

166 129.1 97.6 146.4

129 97.9 73.7 110.5

131 94.4 75.8 113.6

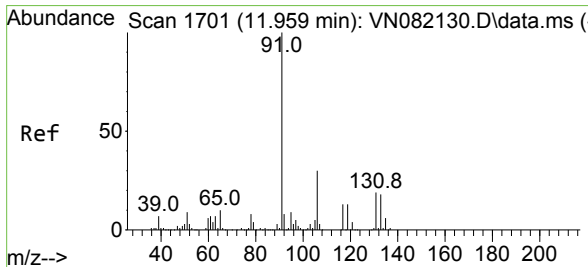
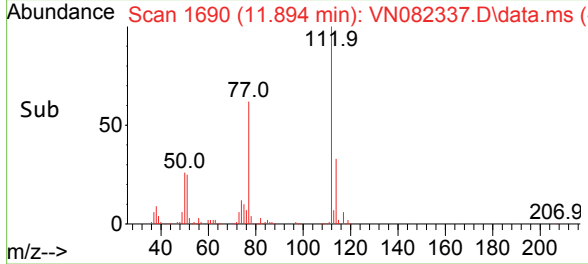
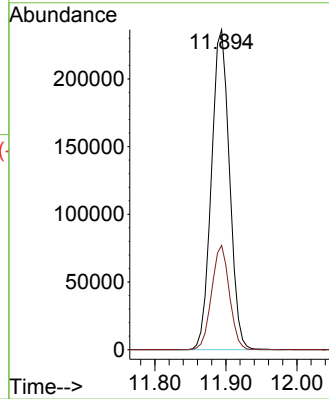
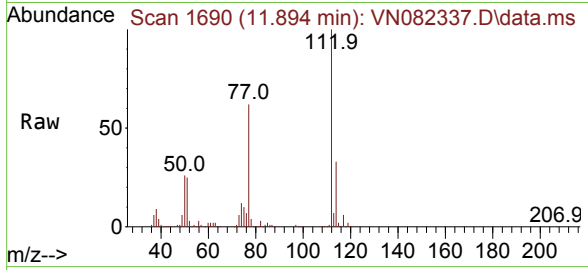




#65
Chlorobenzene
Concen: 53.760 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

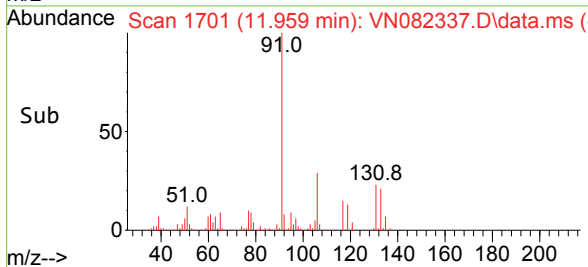
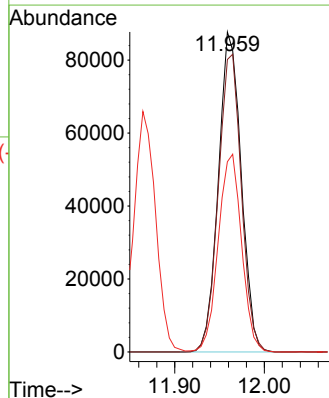
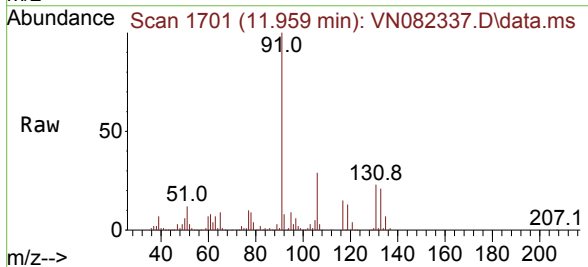
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

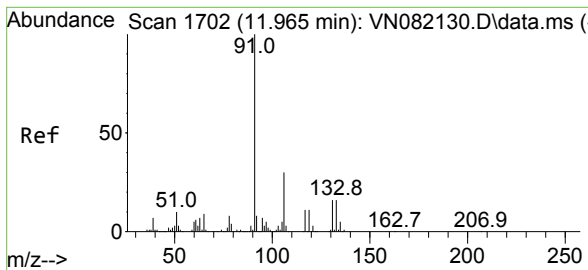
Tgt Ion:112 Resp: 417012
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 60.637 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion:131 Resp: 154933
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 63.4 32.9 98.7

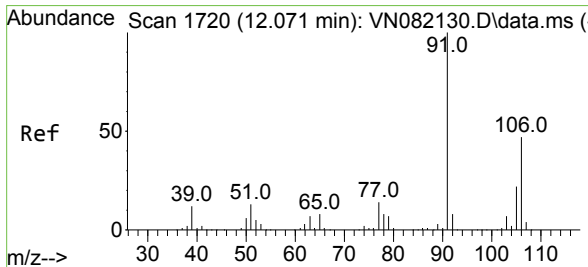
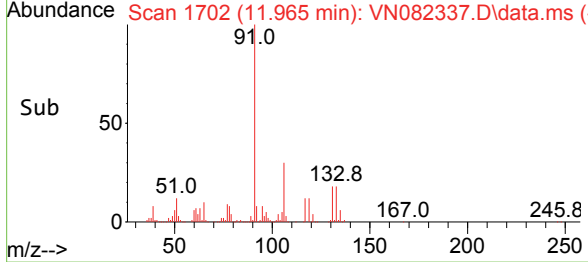
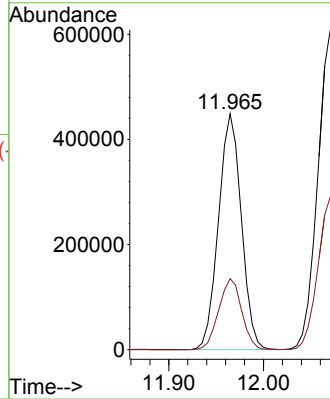
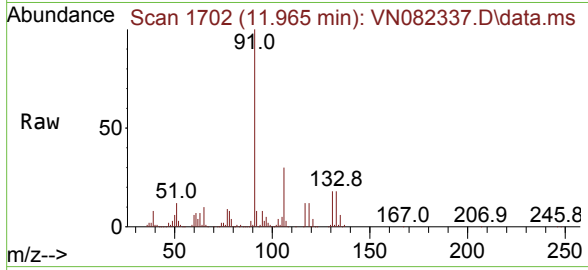




#67
Ethyl Benzene
Concen: 54.191 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

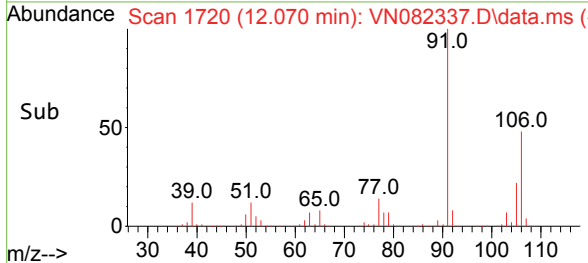
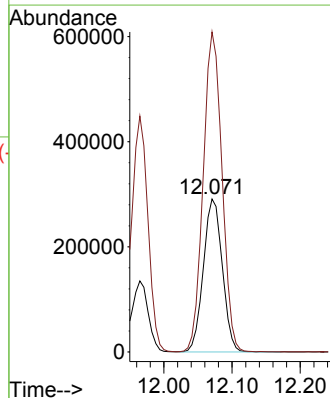
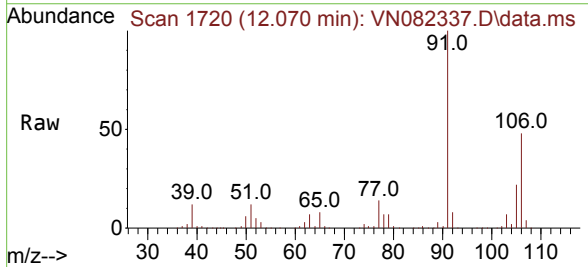
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

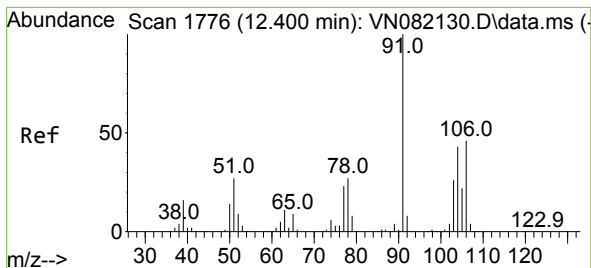
Tgt Ion: 91 Resp: 751959
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9



#68
m/p-Xylenes
Concen: 110.688 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion:106 Resp: 562922
Ion Ratio Lower Upper
106 100
91 207.5 159.4 239.0





#69

o-Xylene

Concen: 56.418 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

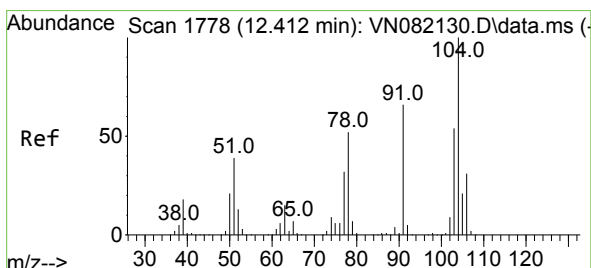
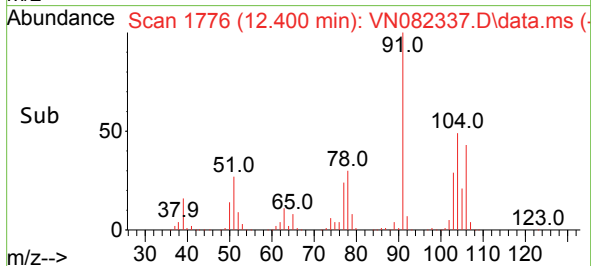
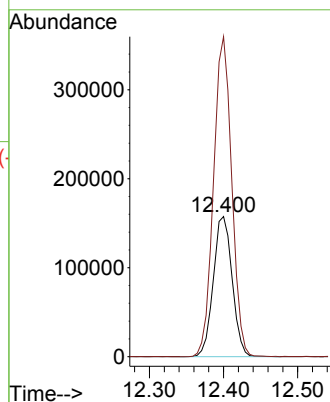
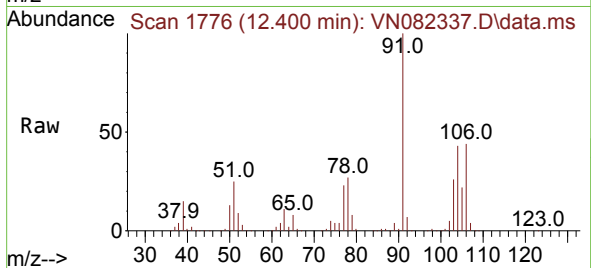
VSTDCCC050

Tgt Ion:106 Resp: 277933

Ion Ratio Lower Upper

106 100

91 220.7 104.7 314.1



#70

Styrene

Concen: 58.327 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

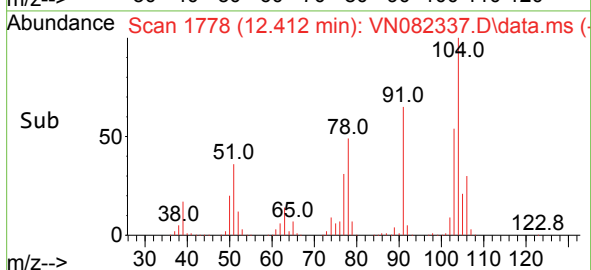
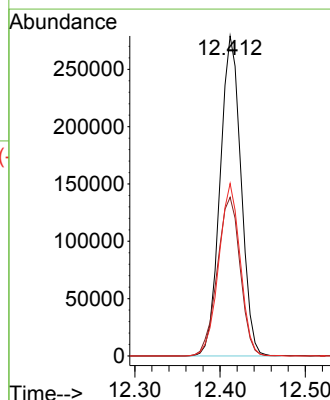
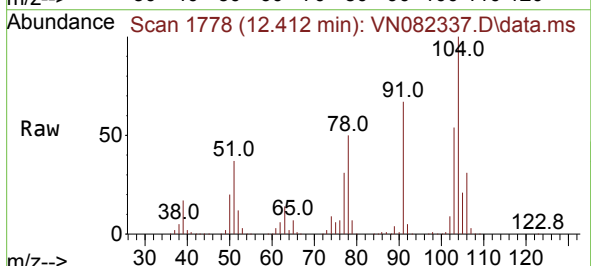
Tgt Ion:104 Resp: 477271

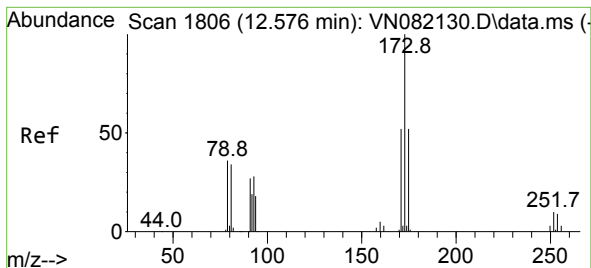
Ion Ratio Lower Upper

104 100

78 54.2 38.6 58.0

103 55.1 43.8 65.6





#71

Bromoform

Concen: 62.065 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

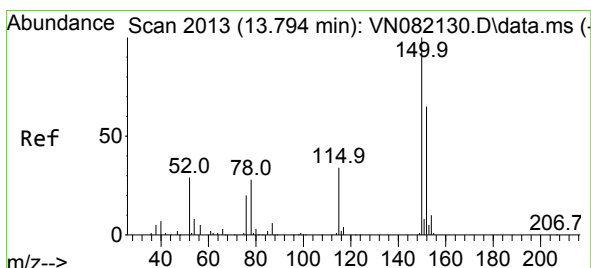
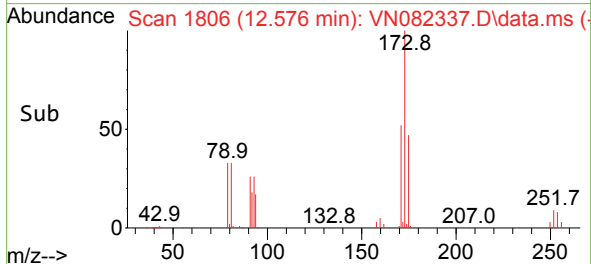
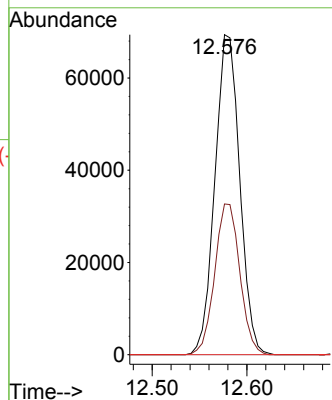
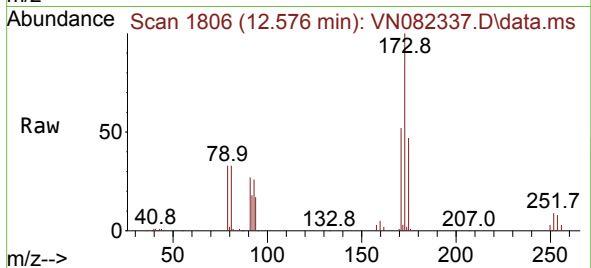
Tgt Ion:173 Resp: 126475

Ion Ratio Lower Upper

173 100

175 47.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

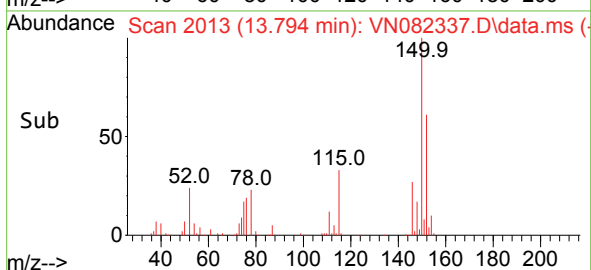
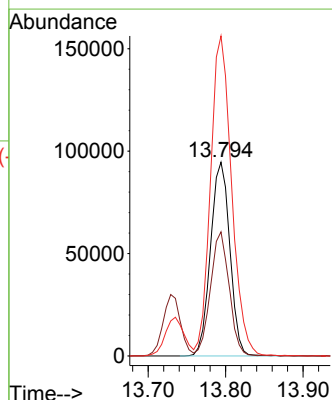
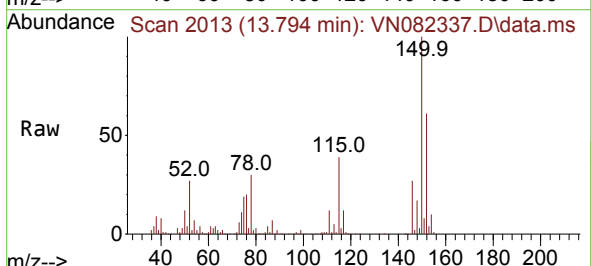
Tgt Ion:152 Resp: 163841

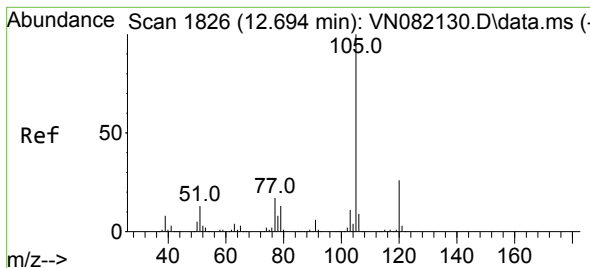
Ion Ratio Lower Upper

152 100

115 62.3 30.4 91.3

150 179.6 0.0 353.2





#73

Isopropylbenzene

Concen: 54.103 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

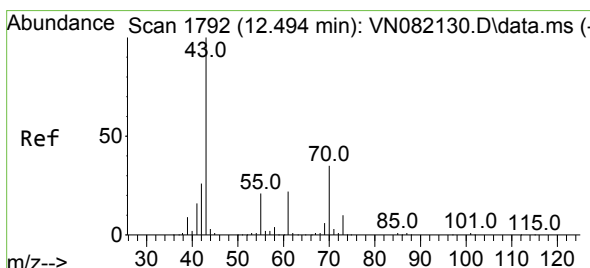
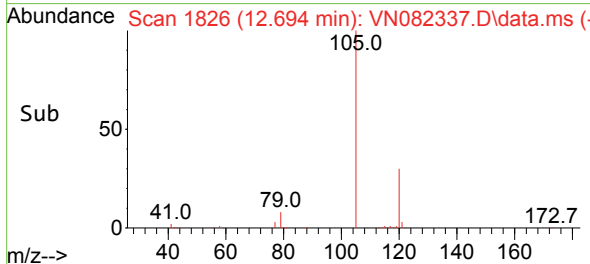
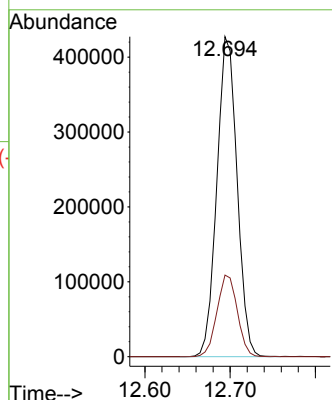
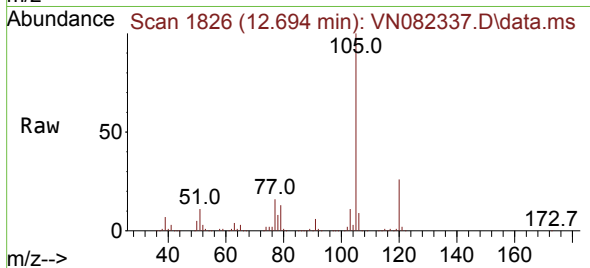
VSTDCCC050

Tgt Ion:105 Resp: 704223

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 53.997 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Tgt Ion: 43 Resp: 386599

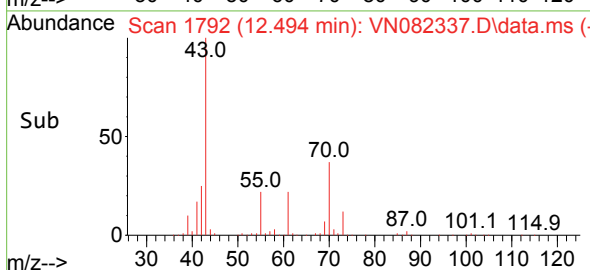
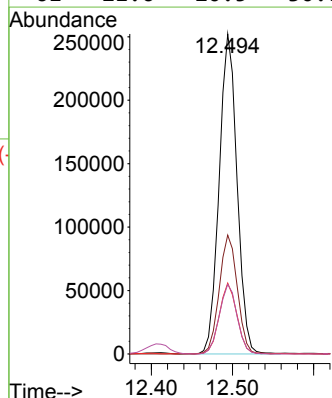
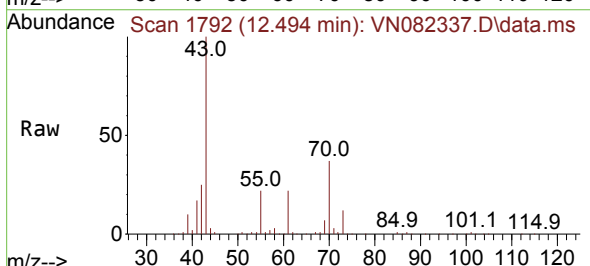
Ion Ratio Lower Upper

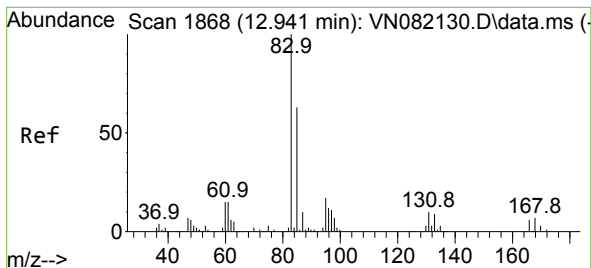
43 100

70 37.6 39.0 58.4

55 21.9 21.3 31.9

61 21.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.422 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

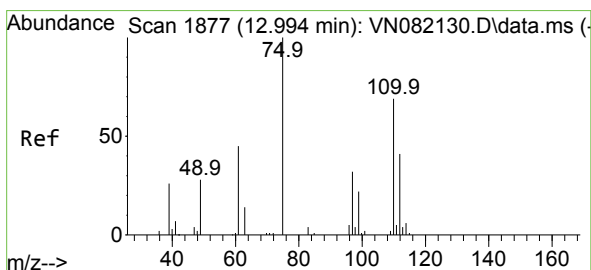
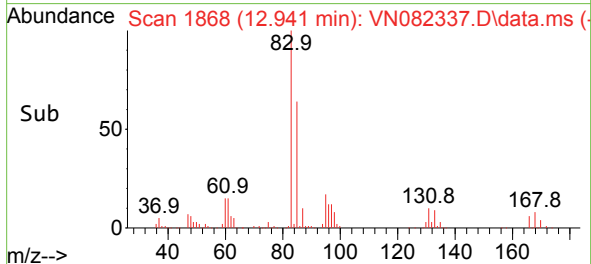
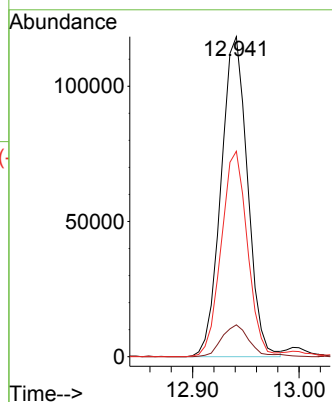
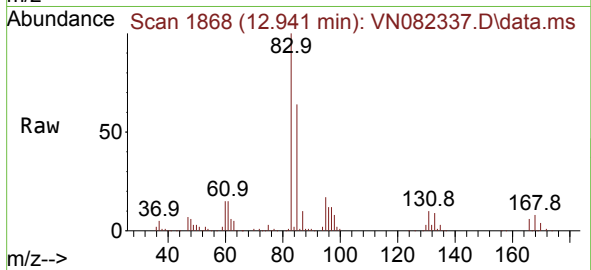
Tgt Ion: 83 Resp: 204196

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

85 63.4 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 86.653 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082337.D

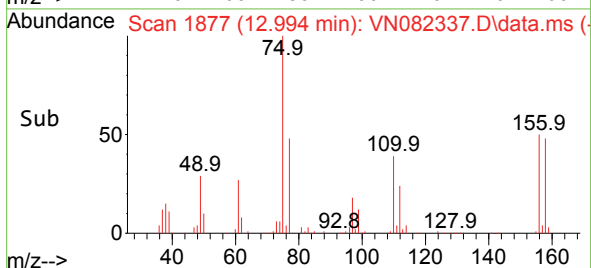
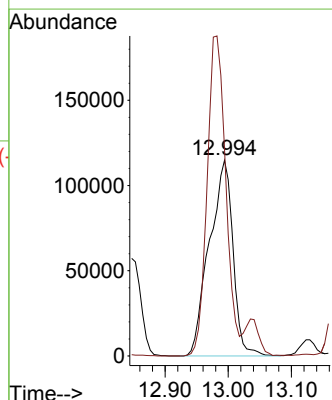
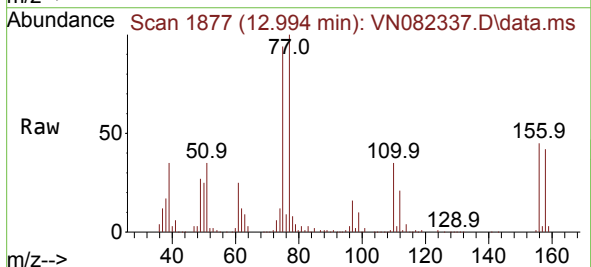
Acq: 28 May 2024 10:52

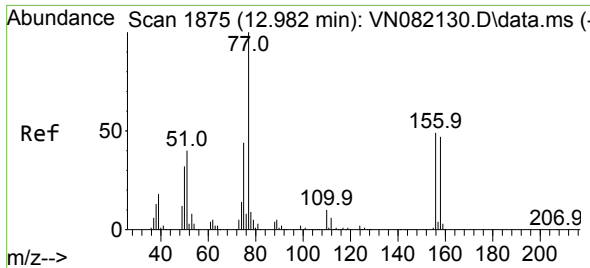
Tgt Ion: 75 Resp: 298820

Ion Ratio Lower Upper

75 100

77 128.7 90.5 271.3

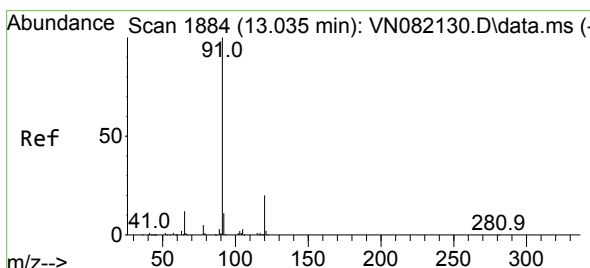
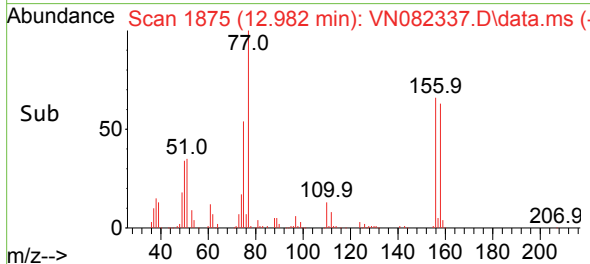
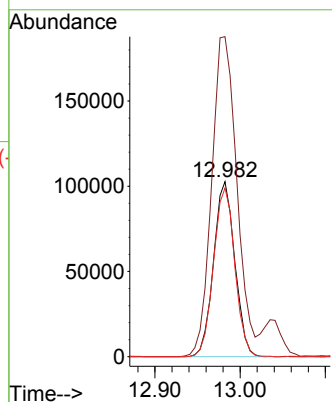
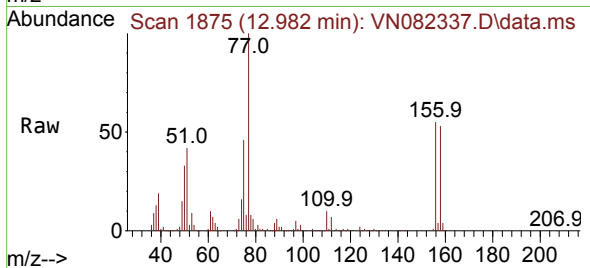




#77
Bromobenzene
Concen: 57.251 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

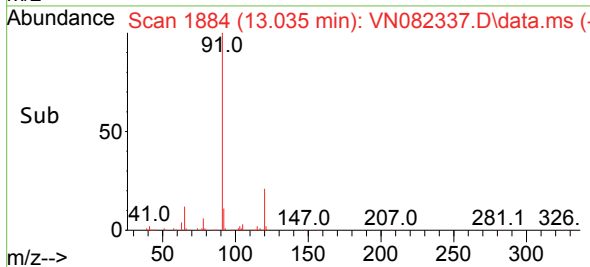
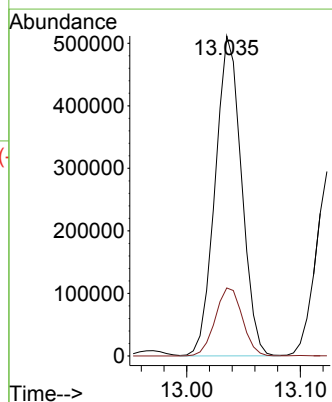
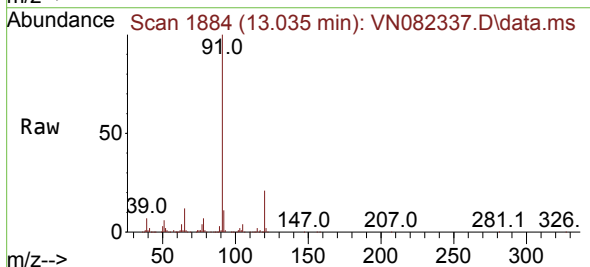
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

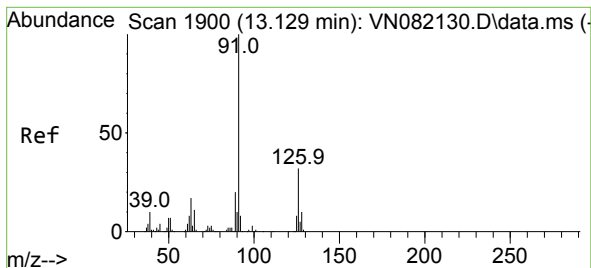
Tgt Ion:156 Resp: 177590
Ion Ratio Lower Upper
156 100
77 216.6 100.2 300.6
158 96.5 49.1 147.3



#78
n-propylbenzene
Concen: 53.462 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 91 Resp: 824035
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 53.483 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

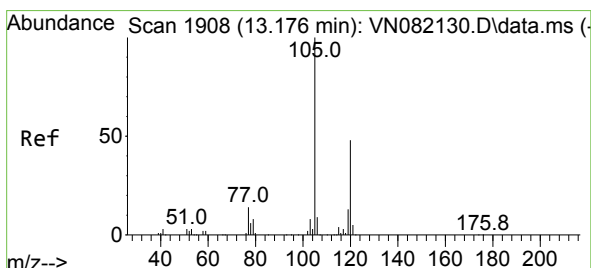
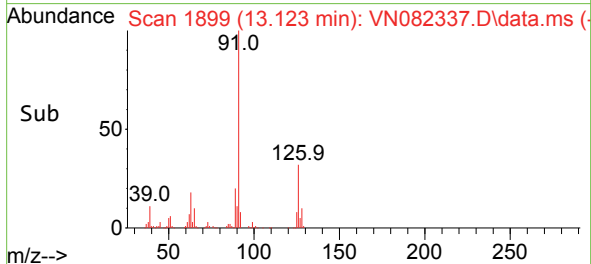
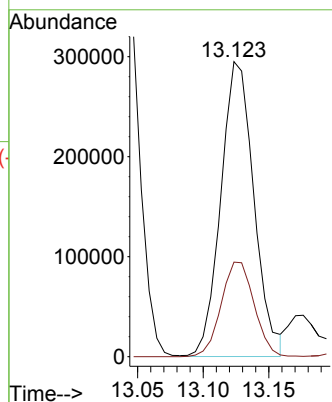
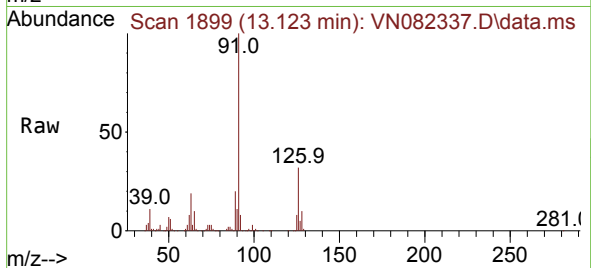
VSTDCCC050

Tgt Ion: 91 Resp: 517646

Ion Ratio Lower Upper

91 100

126 32.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 55.502 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082337.D

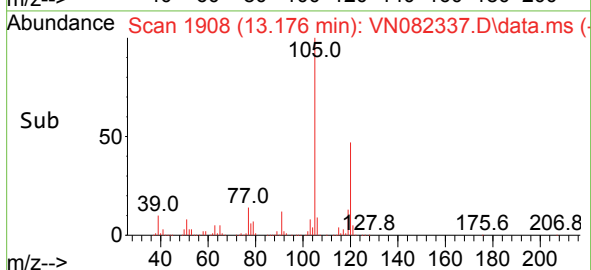
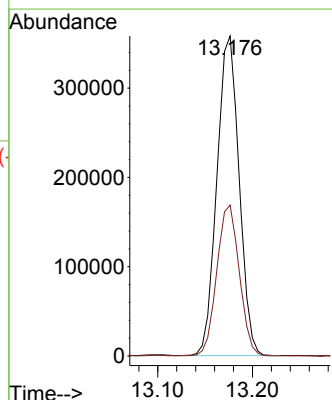
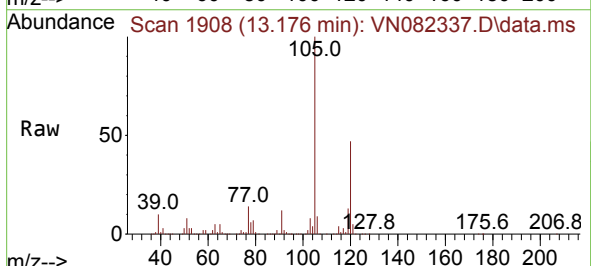
Acq: 28 May 2024 10:52

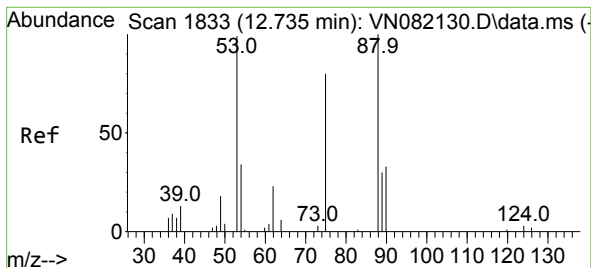
Tgt Ion:105 Resp: 584156

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.3

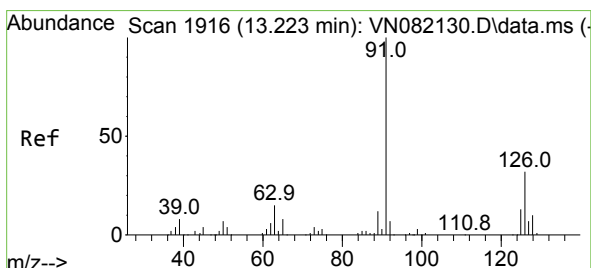
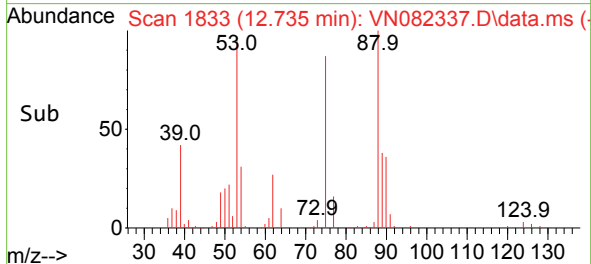
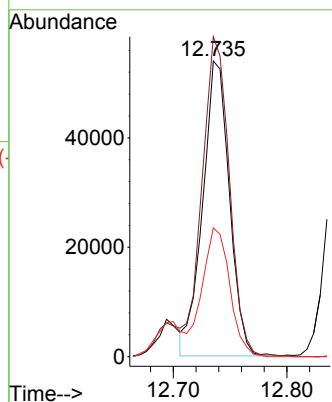
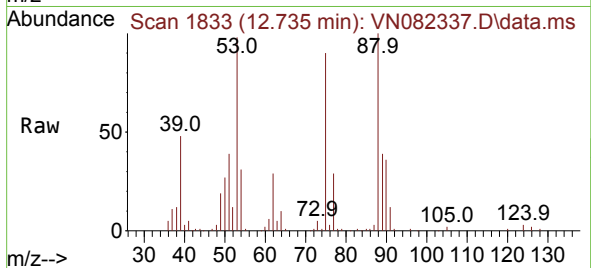




#81
trans-1,4-Dichloro-2-butene
Concen: 59.608 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

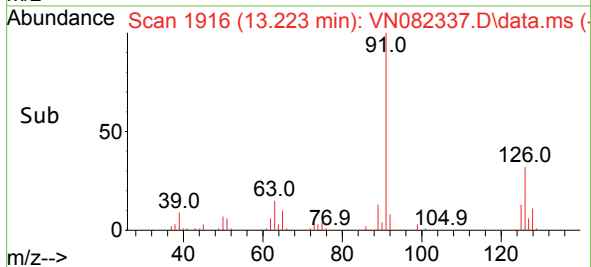
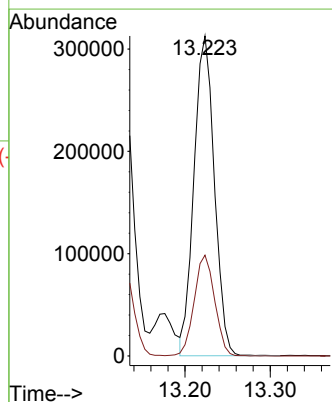
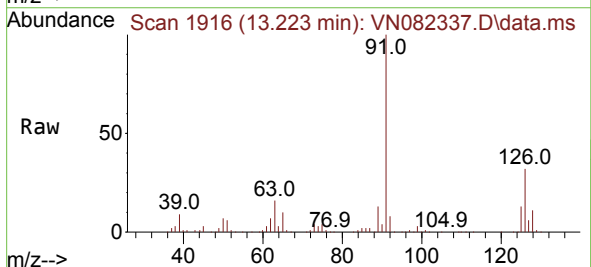
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

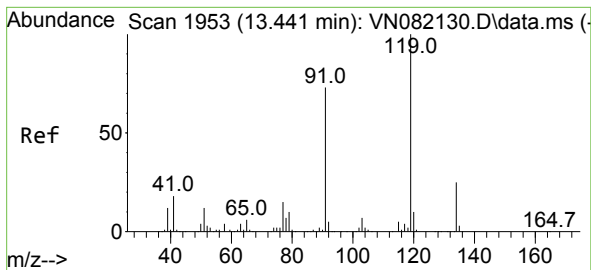
Tgt Ion: 75 Resp: 87883
Ion Ratio Lower Upper
75 100
53 111.4 72.9 109.3#
89 44.8 39.1 58.7



#82
4-Chlorotoluene
Concen: 54.808 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 91 Resp: 518653
Ion Ratio Lower Upper
91 100
126 31.7 17.4 52.3





#83

tert-Butylbenzene

Concen: 53.835 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

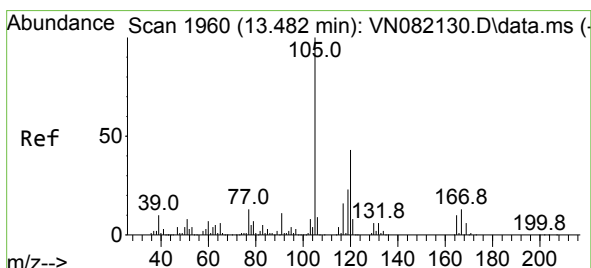
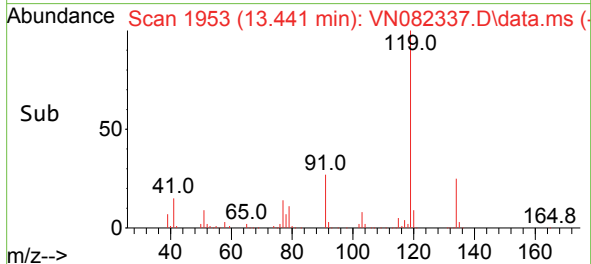
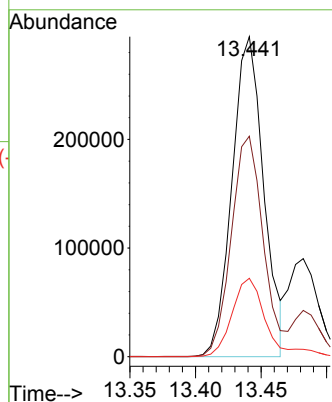
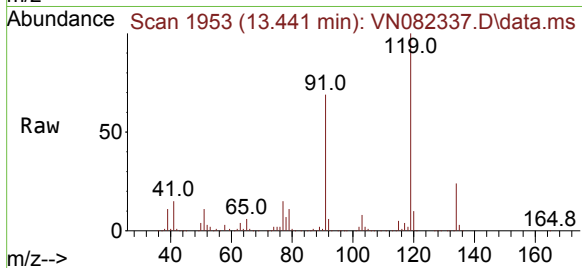
Tgt Ion:119 Resp: 495699

Ion Ratio Lower Upper

119 100

91 70.2 32.6 97.8

134 26.4 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 55.559 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082337.D

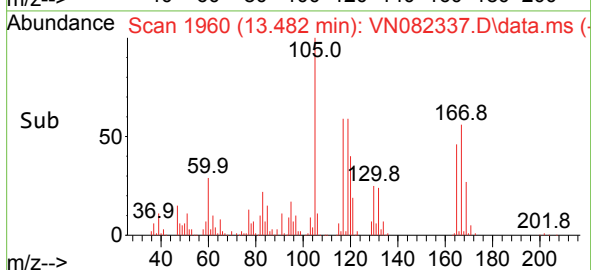
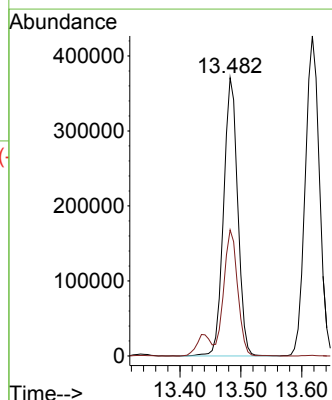
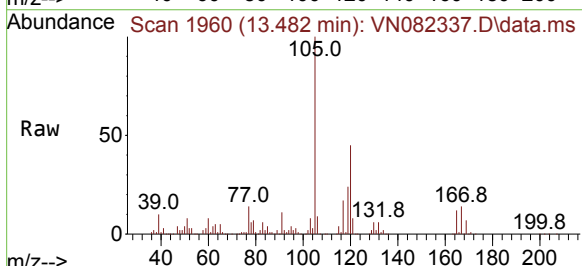
Acq: 28 May 2024 10:52

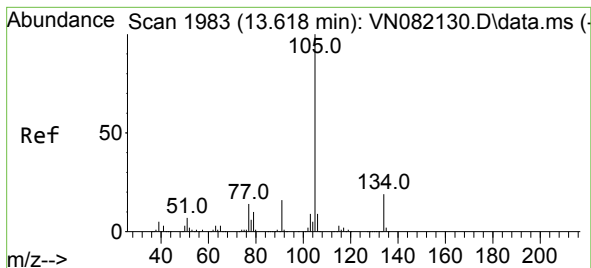
Tgt Ion:105 Resp: 598253

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 53.878 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

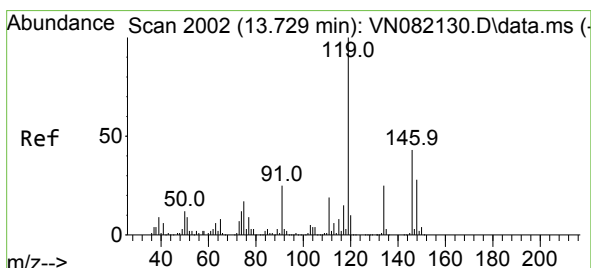
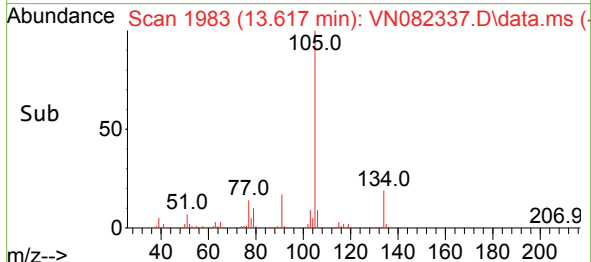
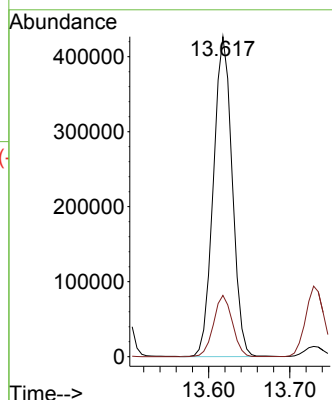
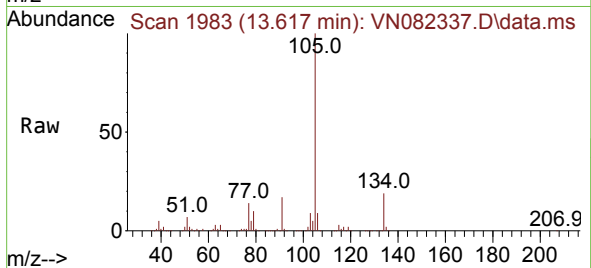
VSTDCCC050

Tgt Ion:105 Resp: 687620

Ion Ratio Lower Upper

105 100

134 19.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.694 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

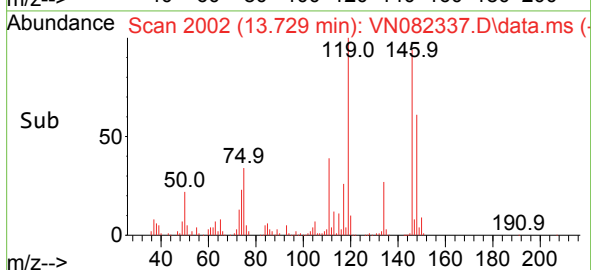
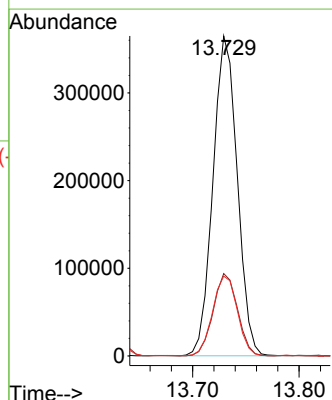
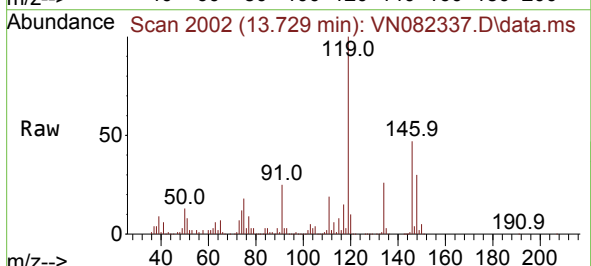
Tgt Ion:119 Resp: 577672

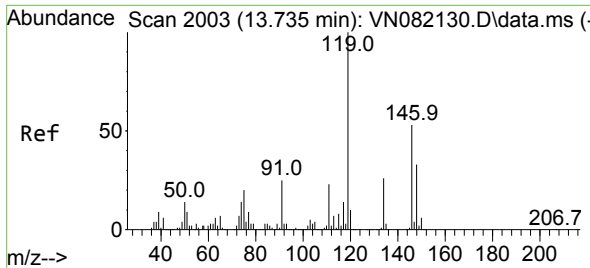
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 25.2 11.8 35.3

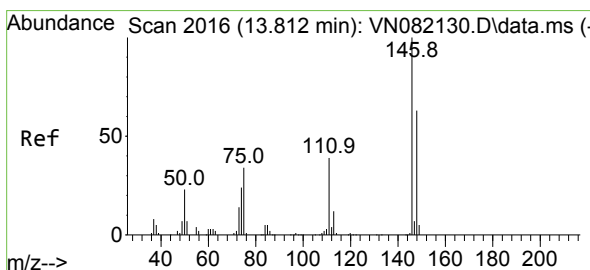
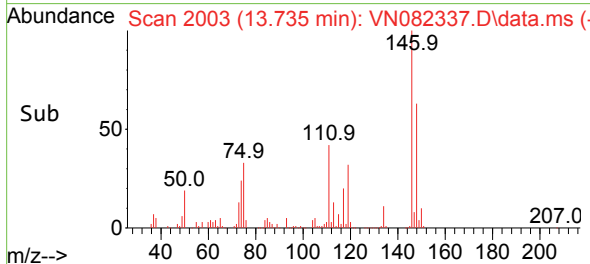
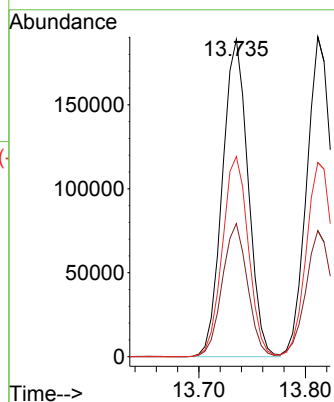
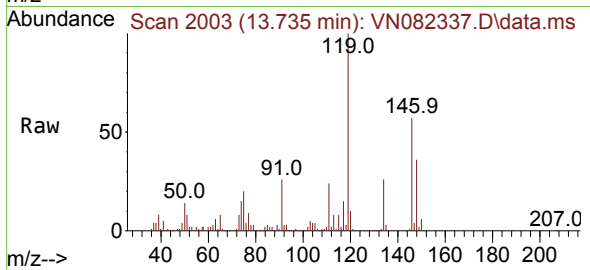




#87
1,3-Dichlorobenzene
Concen: 56.287 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

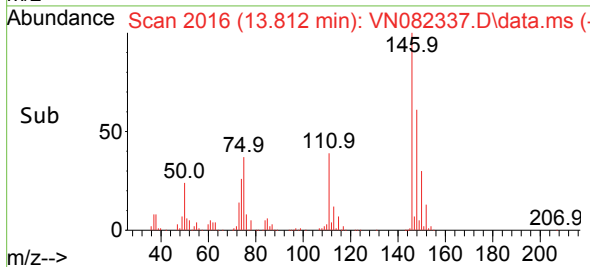
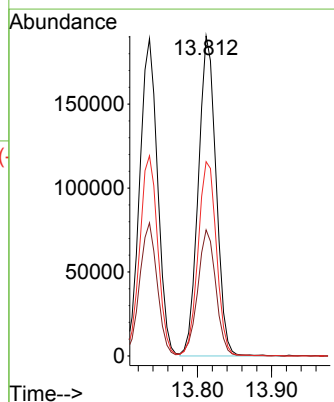
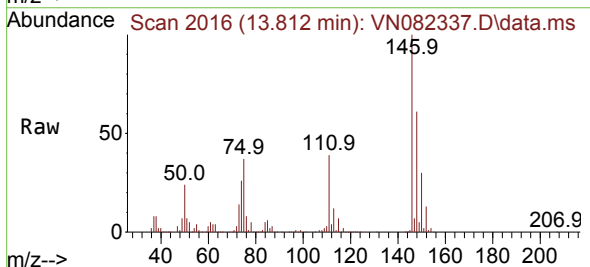
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

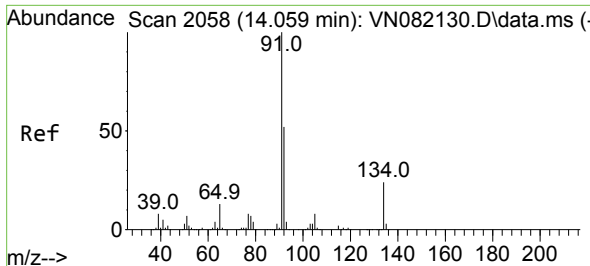
Tgt Ion:146 Resp: 316319
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 63.8 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 55.251 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion:146 Resp: 316905
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 62.9 31.3 93.9

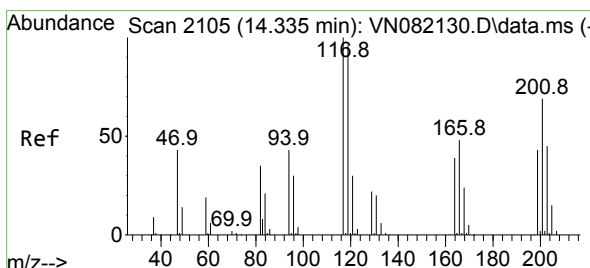
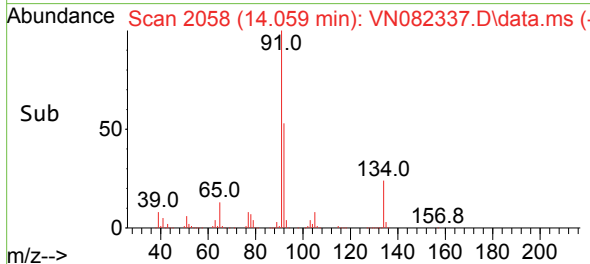
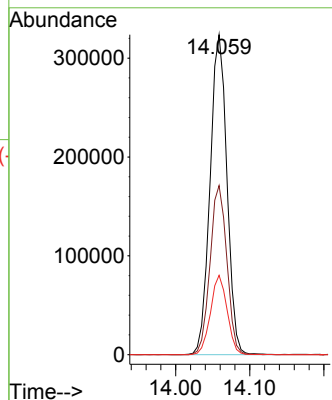
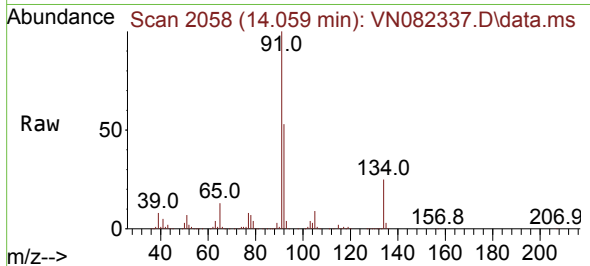




#89
n-Butylbenzene
Concen: 54.909 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

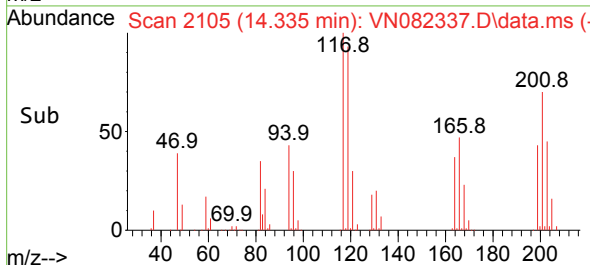
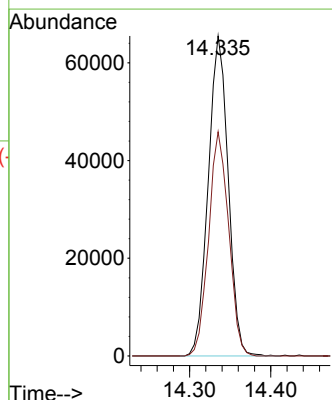
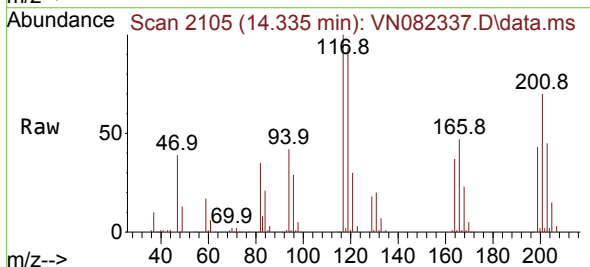
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

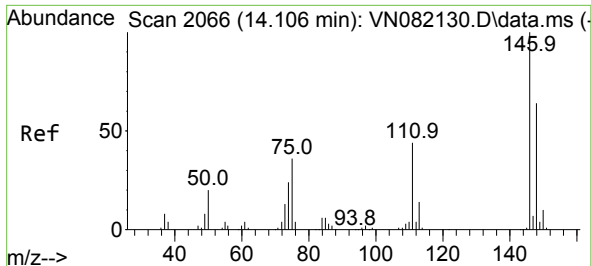
Tgt Ion: 91 Resp: 511900
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.5 13.2 39.5



#90
Hexachloroethane
Concen: 58.256 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 117 Resp: 111953
Ion Ratio Lower Upper
117 100
201 70.2 33.3 99.8

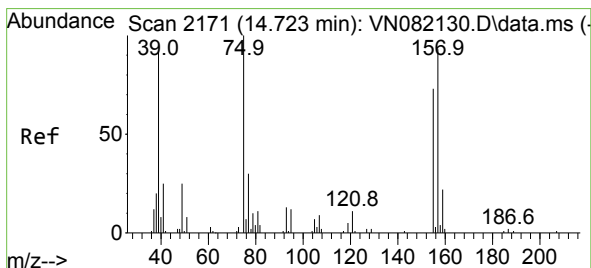
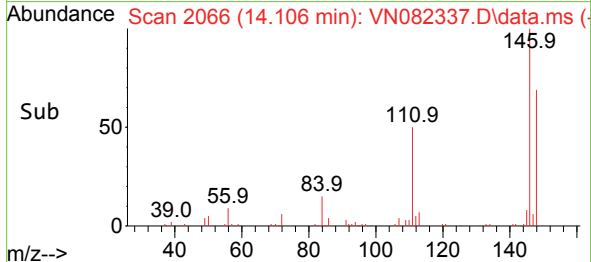
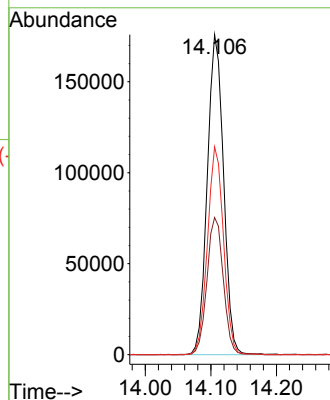
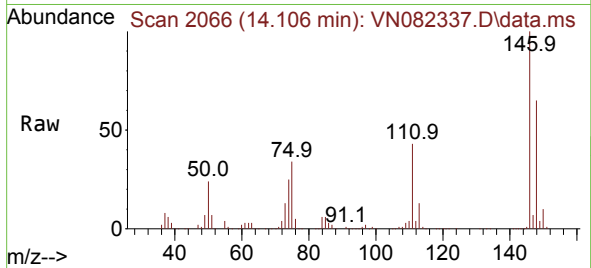




#91
1,2-Dichlorobenzene
Concen: 57.086 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

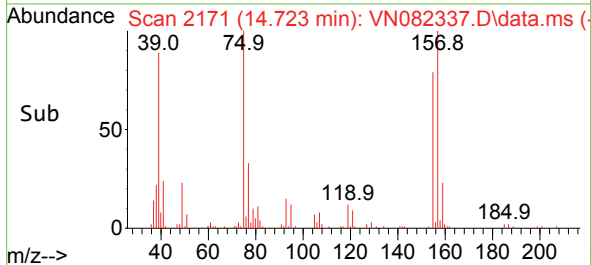
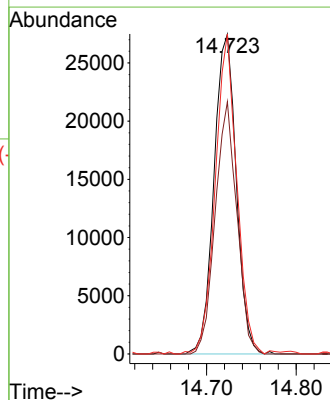
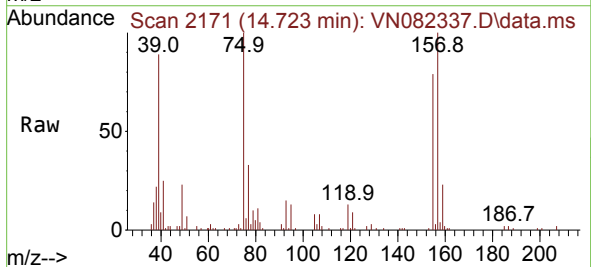
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

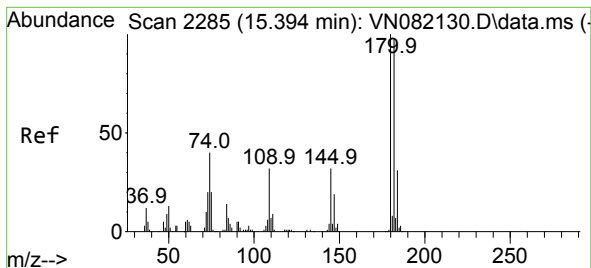
Tgt Ion:146 Resp: 303669
Ion Ratio Lower Upper
146 100
111 43.2 21.3 64.0
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.307 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion: 75 Resp: 47262
Ion Ratio Lower Upper
75 100
155 76.7 42.6 128.0
157 96.5 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 60.136 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

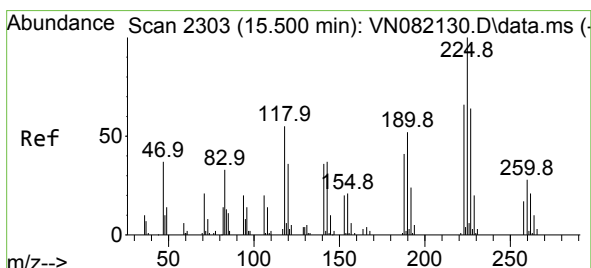
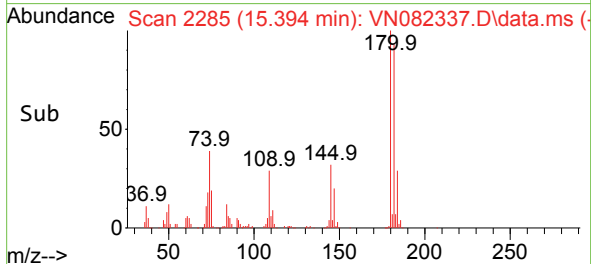
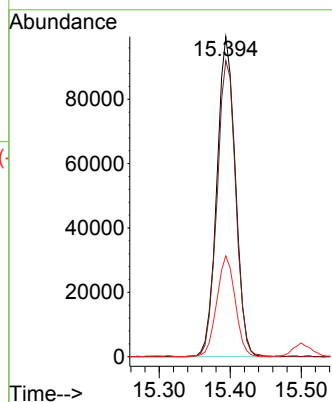
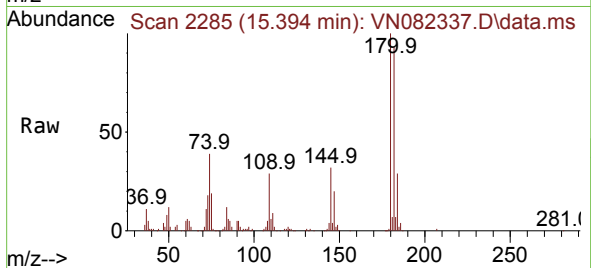
Tgt Ion:180 Resp: 179313

Ion Ratio Lower Upper

180 100

182 93.7 46.7 140.0

145 31.5 16.2 48.6



#94

Hexachlorobutadiene

Concen: 53.171 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082337.D

Acq: 28 May 2024 10:52

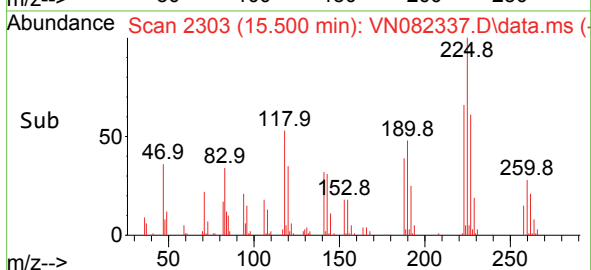
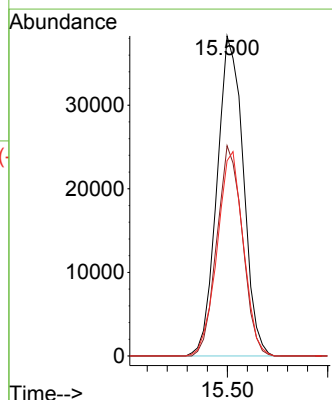
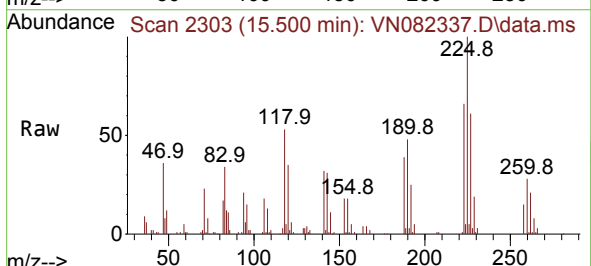
Tgt Ion:225 Resp: 69568

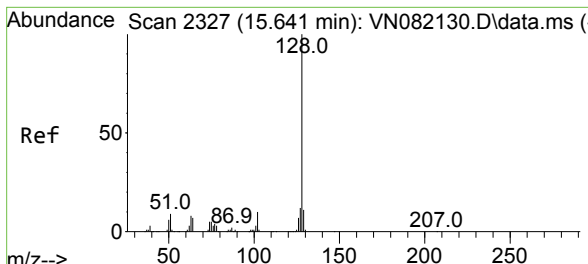
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.2

227 63.4 30.6 91.6

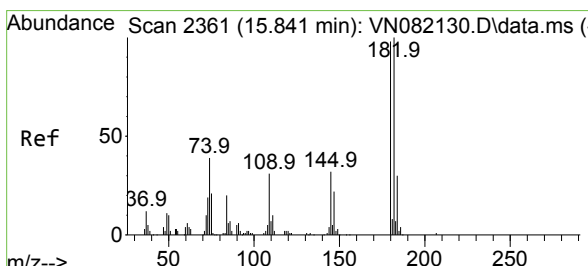
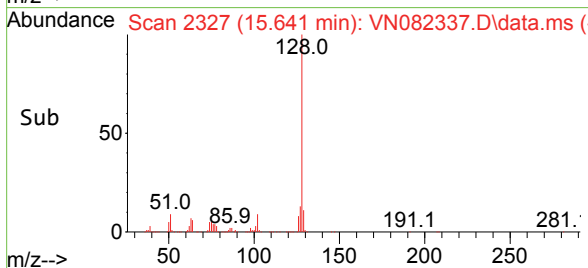
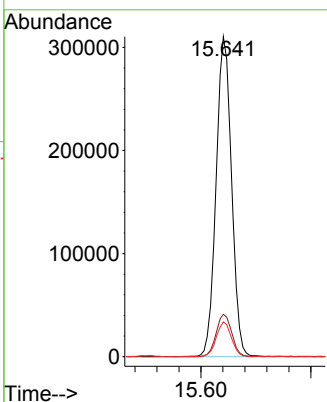
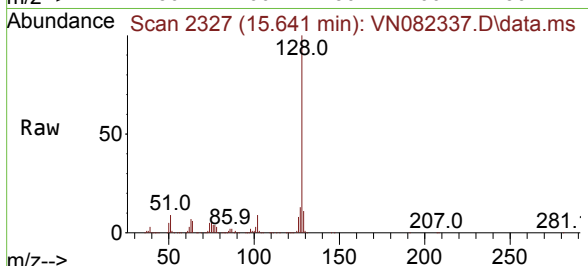




#95
Naphthalene
Concen: 64.861 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	606095
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.1	15.1
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 58.800 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082337.D
Acq: 28 May 2024 10:52

Tgt Ion:	180	Resp:	175519
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.0	137.8
145	34.0	17.1	51.3

