

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082087.D
 Acq On : 13 May 2024 10:23
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: May 14 03:28:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27851	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	167176	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	145403	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75889	32.545	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.467%			
60) 4-Bromofluorobenzene	12.847	95	71455	29.529	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.433%			
63) Toluene-d8	10.565	98	214439	31.055	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28287	17.893	ug/l	98
3) Chloromethane	2.360	50	36885	20.118	ug/l	98
4) Vinyl Chloride	2.518	62	35544	20.522	ug/l	91
5) Bromomethane	2.971	94	18848	20.855	ug/l	97
6) Chloroethane	3.124	64	22949	23.399	ug/l	# 84
7) Trichlorofluoromethane	3.506	101	47856	18.883	ug/l	89
8) Diethyl Ether	3.959	74	24147	19.682	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.377	101	31847	18.330	ug/l	77
10) 1,1-Dichloroethene	4.348	96	31967	18.806	ug/l	87
11) Methyl Iodide	4.595	142	28197	18.151	ug/l	76
12) Methyl Acetate	5.030	43	54901	25.794	ug/l	# 77
13) Acrolein	4.183	56	24038	53.140	ug/l	99
14) Acrylonitrile	5.718	53	112160	115.462	ug/l	97
15) Acetone	4.418	58	9413	43.243	ug/l	94
16) Carbon Disulfide	4.712	76	76836	16.316	ug/l	# 92
17) Allyl chloride	5.024	41	60640	20.319	ug/l	87
18) Methylene Chloride	5.277	84	39265	20.302	ug/l	# 72
19) trans-1,2-Dichloroethene	5.783	96	23257	13.144	ug/l	91
20) Diisopropyl ether	6.671	45	144904	21.946	ug/l	96
21) 1,1-Dichloroethane	6.565	63	75086	21.476	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	44329	20.560	ug/l	93
23) tert-Butyl Alcohol	5.606	59	179	0.447	ug/l	# 100
25) Chloroform	7.965	83	73016	21.708	ug/l	98
26) Cyclohexane	8.259	56	59014	19.519	ug/l	# 84
29) 1,1-Dichloropropene	8.371	75	47663	19.151	ug/l	95
30) 2-Butanone	7.489	43	141693	110.445	ug/l	93
31) 2,2-Dichloropropane	7.483	77	61678	24.182	ug/l	# 70
32) 1,1,1-Trichloroethane	8.171	97	57666	20.146	ug/l	# 93
33) Carbon Tetrachloride	8.365	117	45252	19.480	ug/l	# 84
34) Benzene	8.612	78	163950	20.649	ug/l	96
35) Methacrylonitrile	7.777	41	33108	20.398	ug/l	94
36) 1,2-Dichloroethane	8.665	62	54850	20.579	ug/l	99
37) Trichloroethene	9.353	130	33292	17.119	ug/l	99
38) Methylcyclohexane	9.600	83	55465	18.448	ug/l	95
39) 1,2-Dichloropropane	9.624	63	43048	21.130	ug/l	99
40) Dibromomethane	9.712	93	26868	20.528	ug/l	83
41) Bromodichloromethane	9.888	83	58425	20.885	ug/l	# 94
42) Vinyl Acetate	6.606	43	618594	113.284	ug/l	# 91
43) Ethyl Acetate	7.559	43	58721	20.993	ug/l	98

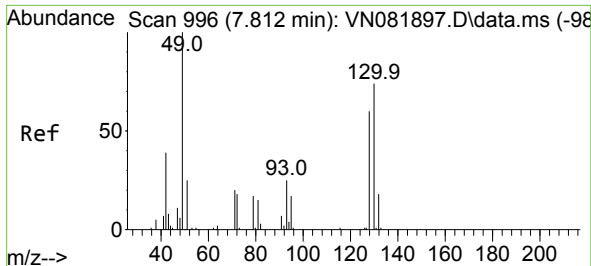
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082087.D
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Instrument :
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 ClientSampleId :
 VSTDCCC020

Quant Time: May 14 03:28:56 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.688	43	119377	24.039	ug/l #	83
45) 1,4-Dioxane	9.694	88	16318	409.739	ug/l #	93
46) Methyl methacrylate	9.683	41	48436	21.349	ug/l	83
48) t-1,3-Dichloropropene	10.835	75	59786	19.708	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	65065	20.286	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	37709	21.237	ug/l	91
51) Ethyl methacrylate	10.877	69	64338	19.198	ug/l	74
52) 1,3-Dichloropropane	11.165	76	67548	20.706	ug/l	98
53) Dibromochloromethane	11.365	129	35555	18.404	ug/l	94
54) 1,2-Dibromoethane	11.471	107	35191	19.872	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	173626	103.606	ug/l	95
56) Bromoform	12.582	173	19202	16.331	ug/l #	92
58) 4-Methyl-2-Pentanone	10.447	43	316490	112.100	ug/l #	85
59) 2-Hexanone	11.200	43	232514	111.075	ug/l #	88
61) Tetrachloroethene	11.100	164	28958	17.948	ug/l	87
62) Toluene	10.630	91	164680	20.129	ug/l	99
64) Chlorobenzene	11.894	112	97406	19.466	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	31148	19.018	ug/l	92
66) Ethyl Benzene	11.965	91	174550	19.464	ug/l	98
67) m/p-Xylenes	12.071	106	129730	39.018	ug/l	98
68) o-Xylene	12.400	106	61139	18.586	ug/l	94
69) Styrene	12.412	104	106065	19.207	ug/l	97
70) Isopropylbenzene	12.694	105	157666	18.872	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	53000	22.044	ug/l #	94
72) 1,2,3-Trichloropropane	12.994	75	45857	20.402	ug/l	92
73) Bromobenzene	12.982	156	34919	19.525	ug/l	80
74) n-propylbenzene	13.035	91	195311	19.815	ug/l	98
75) 2-Chlorotoluene	13.124	91	114897	18.843	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	130265	19.263	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	19113	19.105	ug/l	83
78) 4-Chlorotoluene	13.224	91	113817	19.053	ug/l	98
79) tert-butylbenzene	13.441	119	105018	18.036	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	128128	18.863	ug/l	97
81) sec-Butylbenzene	13.618	105	153363	18.790	ug/l	98
82) p-Isopropyltoluene	13.729	119	122943	19.049	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	61783	19.186	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	62745	19.385	ug/l	98
85) n-Butylbenzene	14.059	91	115318	19.561	ug/l	94
86) Hexachloroethane	14.335	117	23792	18.489	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	62796	19.579	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.712	75	9667	17.918	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	32606	18.463	ug/l	94
90) Hexachlorobutadiene	15.506	225	10843	16.578	ug/l	98
91) Naphthalene	15.641	128	122089	18.186	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	32606	18.463	ug/l	94

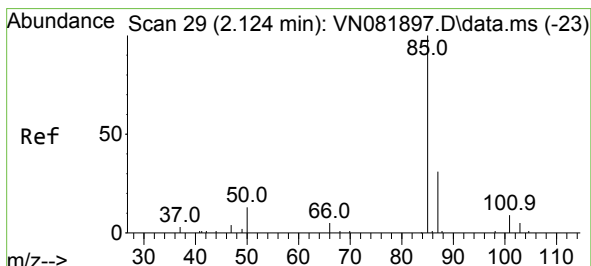
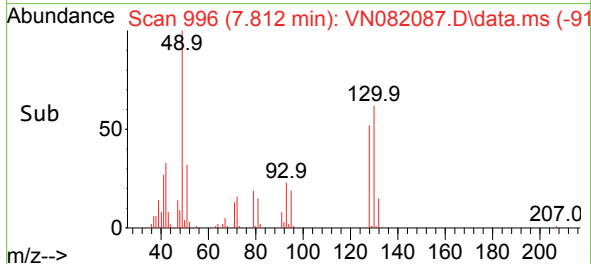
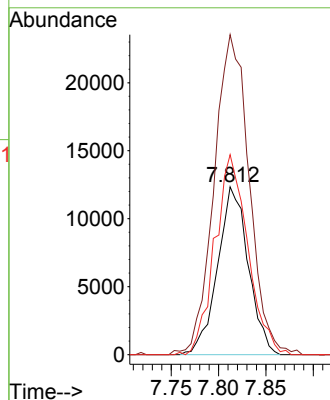
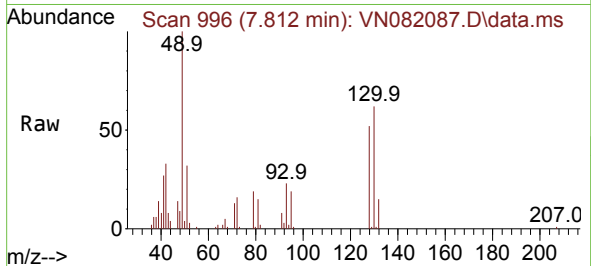
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

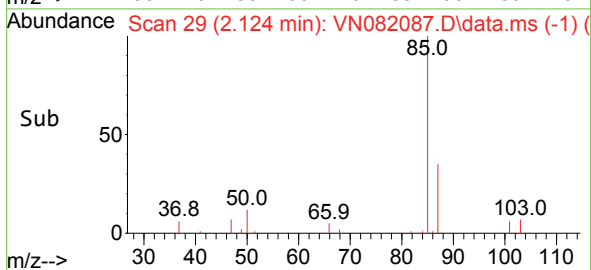
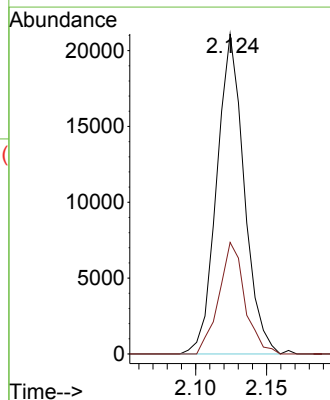
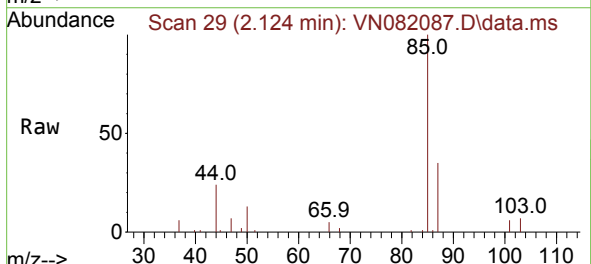
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

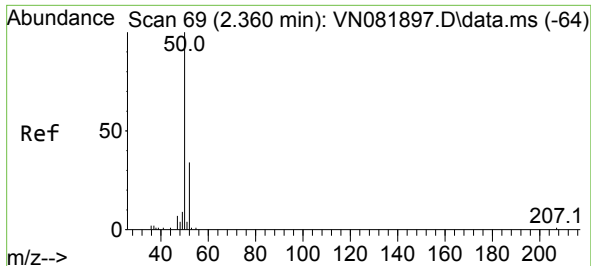
Tgt Ion:128 Resp: 27851
Ion Ratio Lower Upper
128 100
49 217.5 0.0 403.7
130 127.4 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 17.893 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 85 Resp: 28287
Ion Ratio Lower Upper
85 100
87 34.8 16.8 50.3

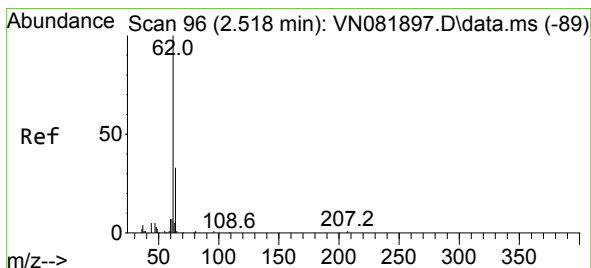
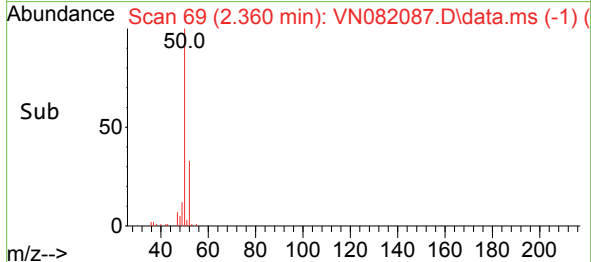
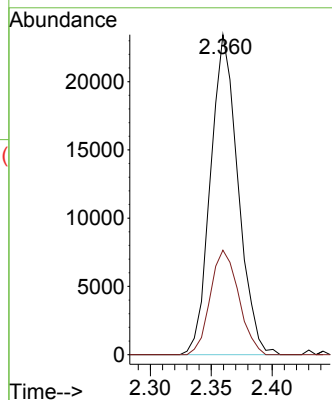
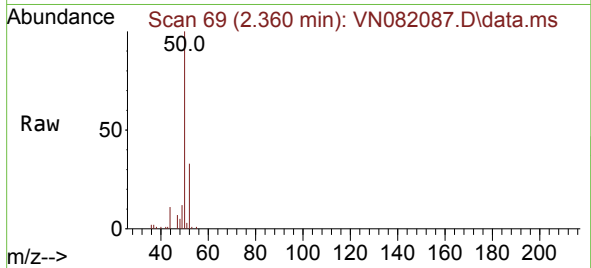




#3
Chloromethane
Concen: 20.118 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

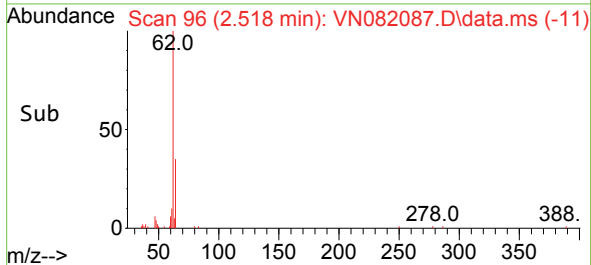
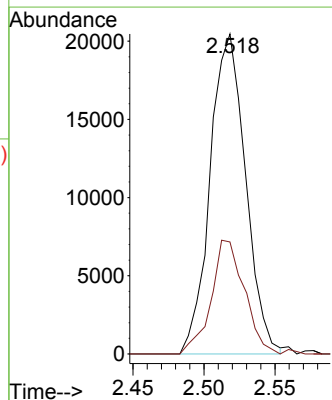
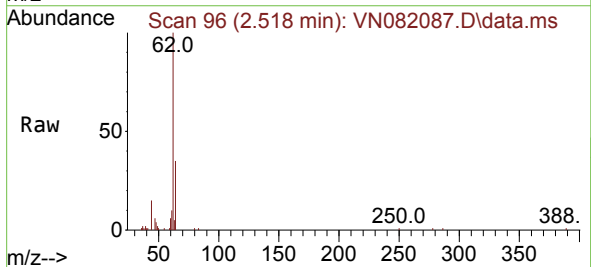
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MSVOA_N
ClientSampleId :
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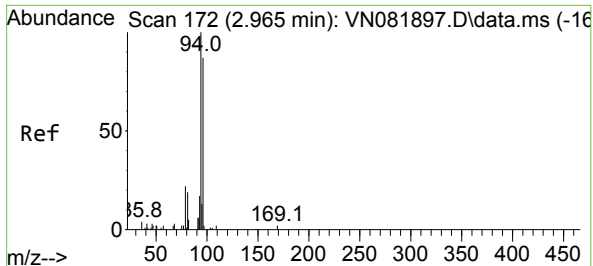
Tgt Ion: 50 Resp: 36885
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0



#4
Vinyl Chloride
Concen: 20.522 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 62 Resp: 35544
Ion Ratio Lower Upper
62 100
64 35.0 24.1 36.1

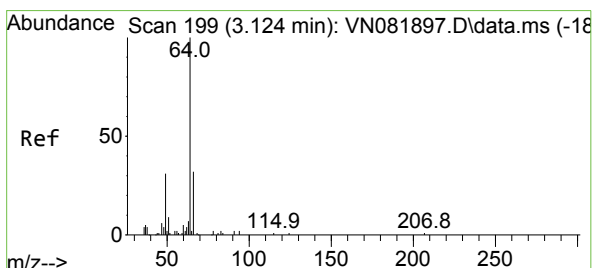
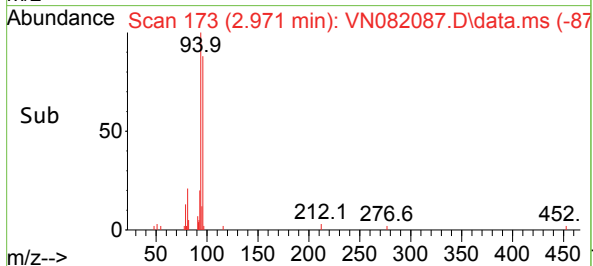
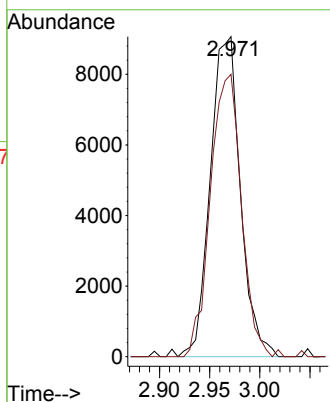
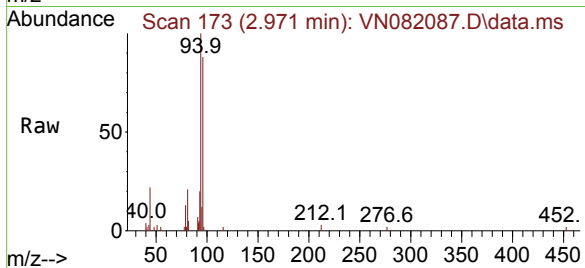




#5
Bromomethane
Concen: 20.855 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

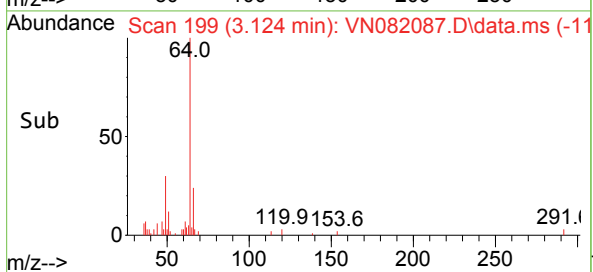
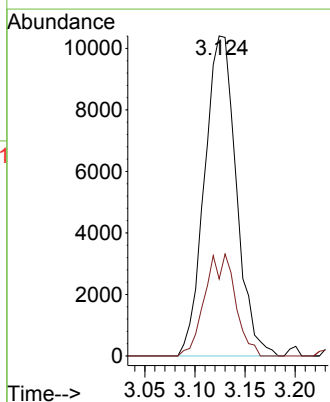
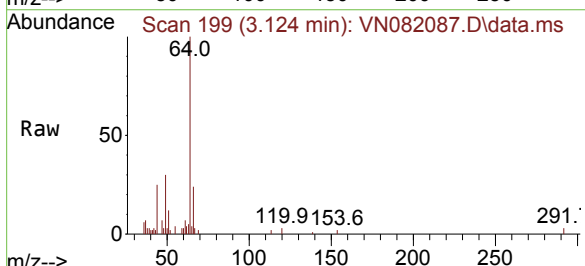
Instrument :
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ClientSampleId :
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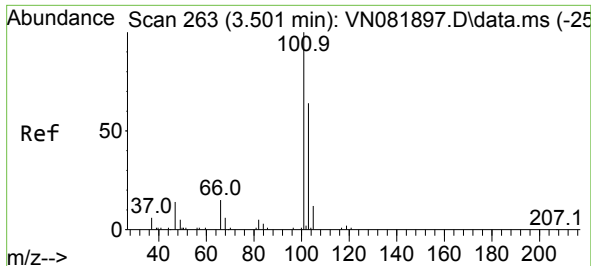
Tgt Ion: 94 Resp: 18848
Ion Ratio Lower Upper
94 100
96 88.2 72.8 109.2



#6
Chloroethane
Concen: 23.399 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 64 Resp: 22949
Ion Ratio Lower Upper
64 100
66 24.1 26.7 40.1#

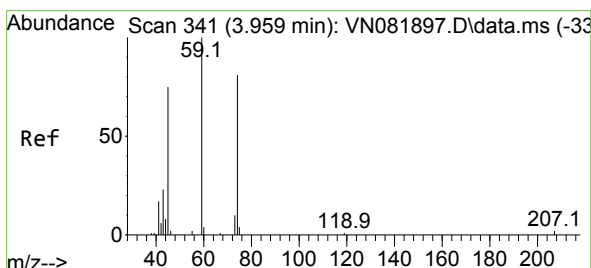
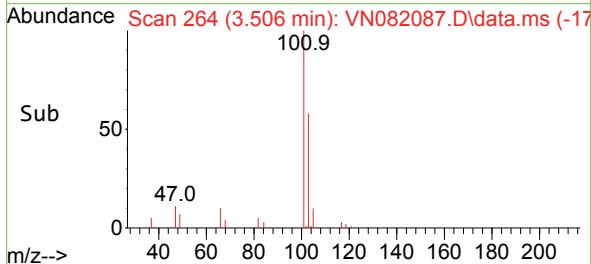
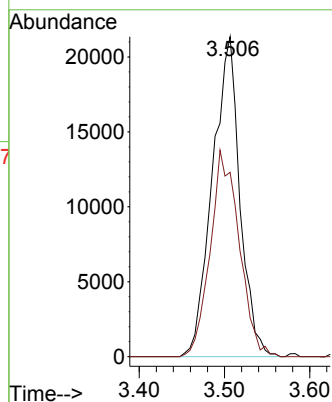
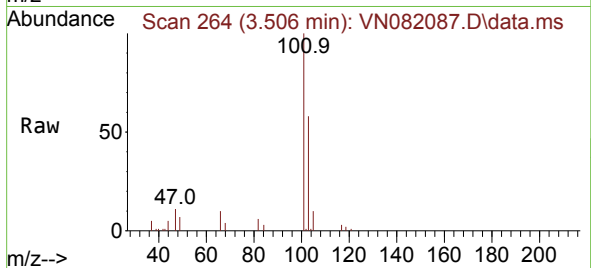




#7
Trichlorofluoromethane
Concen: 18.883 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

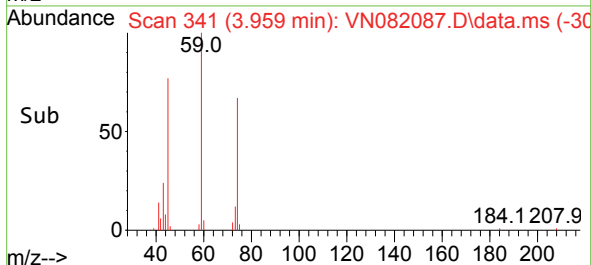
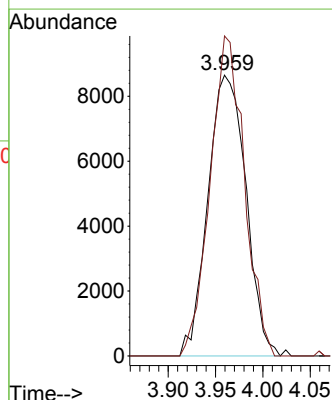
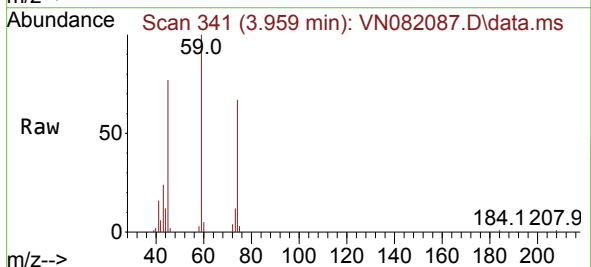
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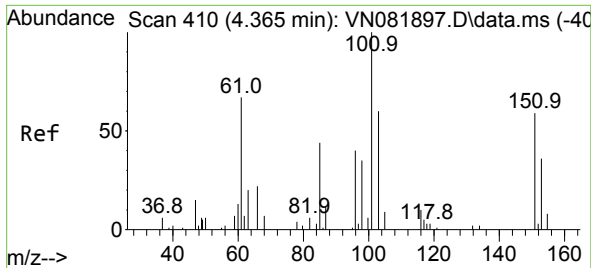
Tgt Ion:101 Resp: 47856
Ion Ratio Lower Upper
101 100
103 57.6 53.0 79.4



#8
Diethyl Ether
Concen: 19.682 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 74 Resp: 24147
Ion Ratio Lower Upper
74 100
45 102.6 16.4 147.4

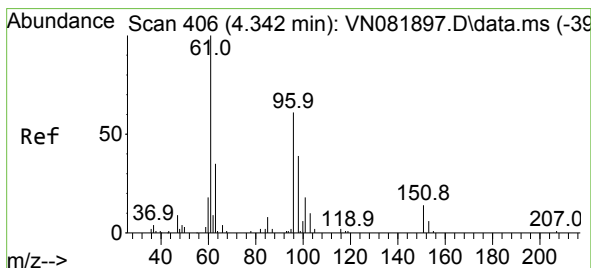
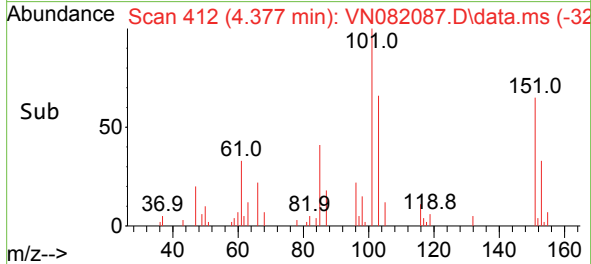
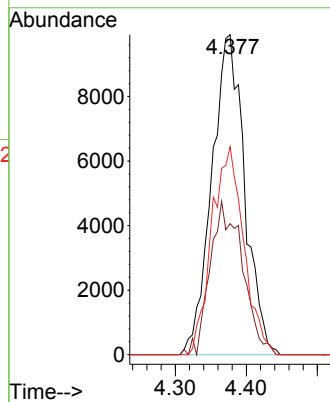
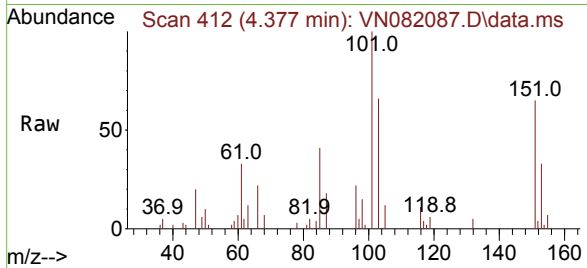




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.330 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

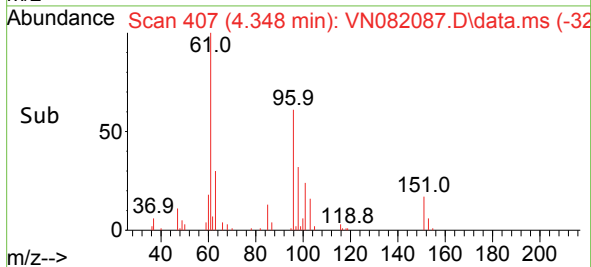
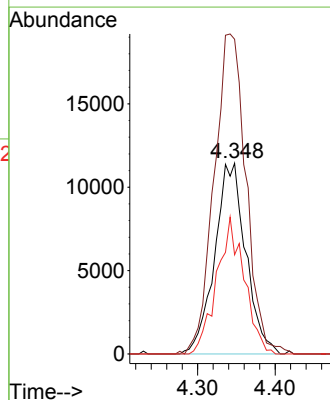
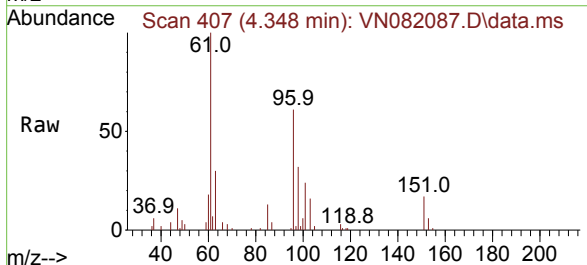
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0020

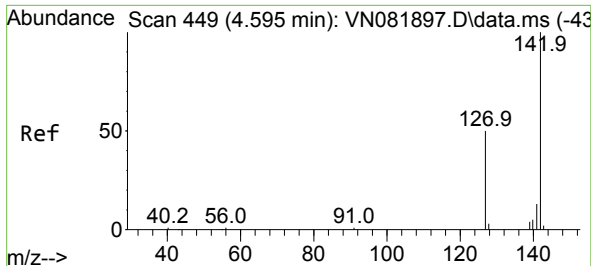
Tgt Ion:101 Resp: 31847
Ion Ratio Lower Upper
101 100
85 23.6 0.0 90.6
151 63.1 0.0 157.6



#10
1,1-Dichloroethene
Concen: 18.806 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

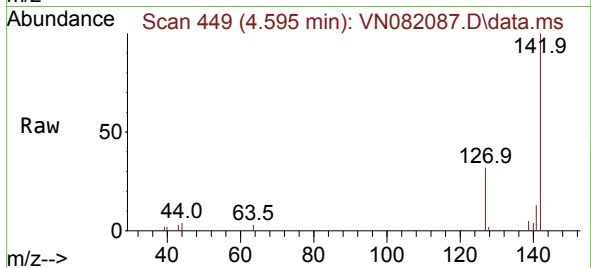
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Ion Ratio Lower Upper
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61 163.6 117.6 176.4
98 52.0 48.4 72.6



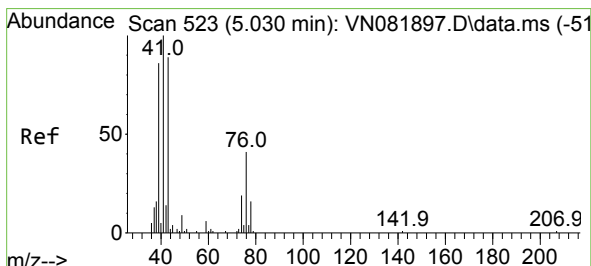
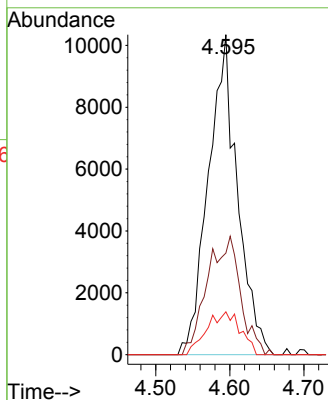
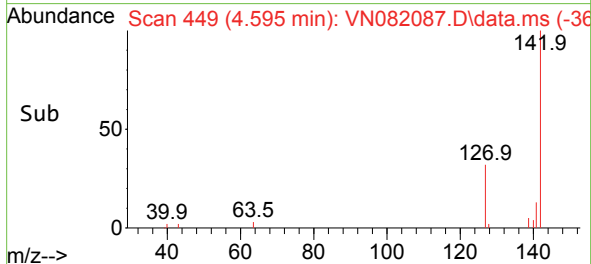


#11
Methyl Iodide
Concen: 18.151 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

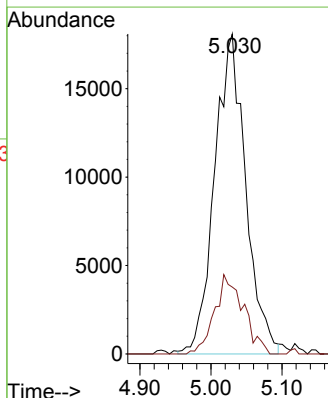
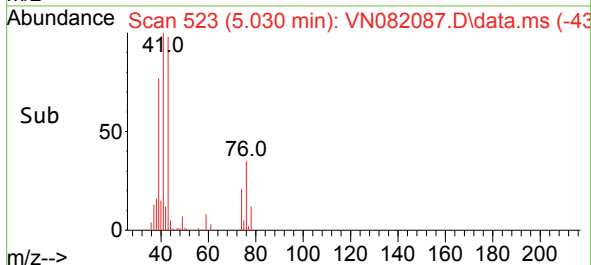
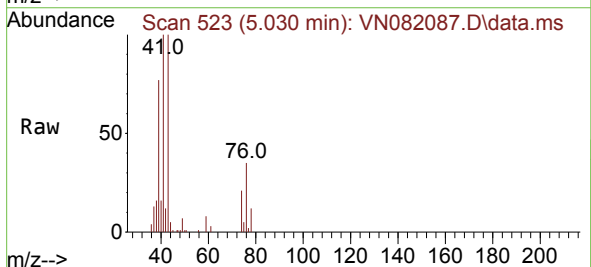


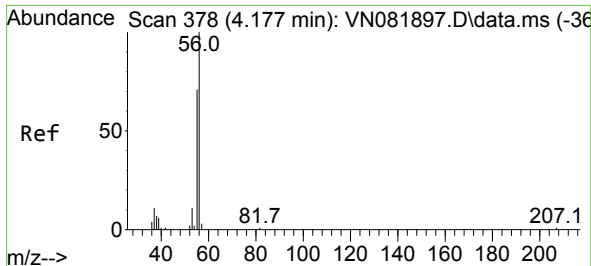
Tgt Ion:142 Resp: 28197
Ion Ratio Lower Upper
142 100
127 31.8 26.3 78.9
141 13.4 8.3 24.9



#12
Methyl Acetate
Concen: 25.794 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 43 Resp: 54901
Ion Ratio Lower Upper
43 100
74 21.5 27.7 41.5#

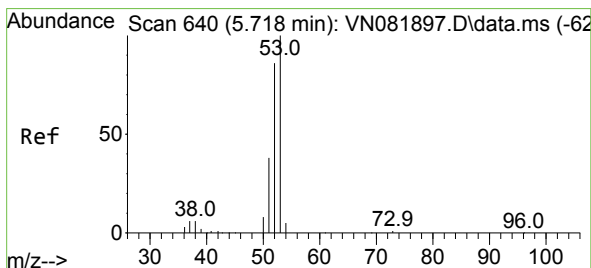
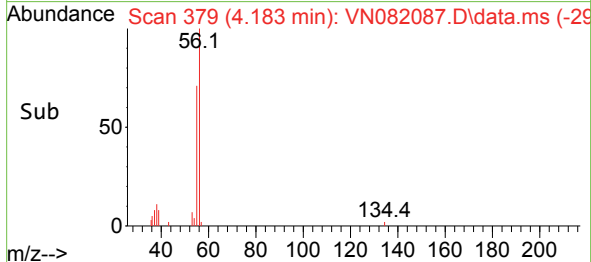
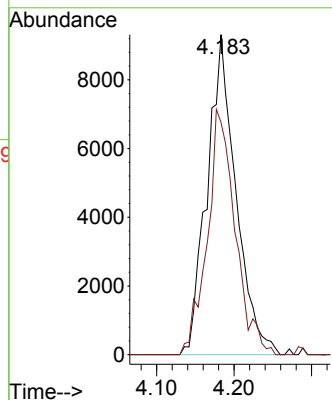
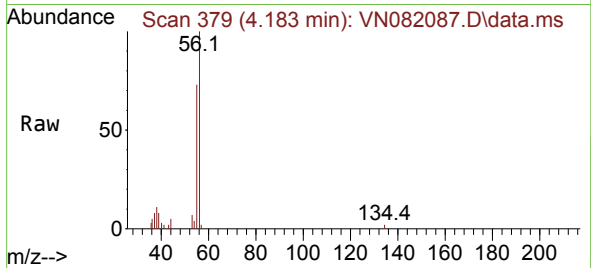




#13
Acrolein
Concen: 53.140 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

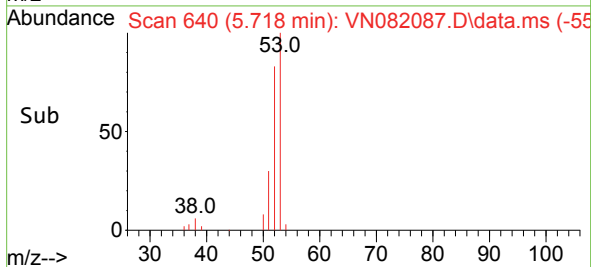
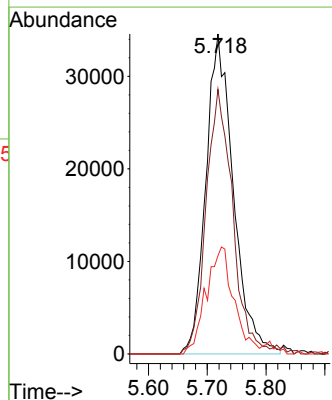
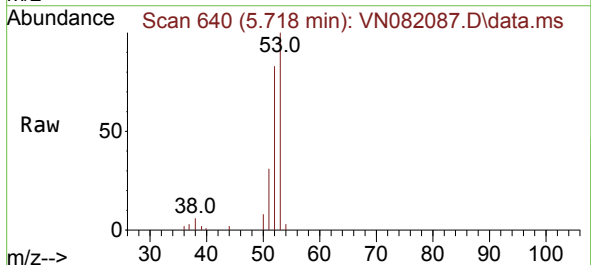
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

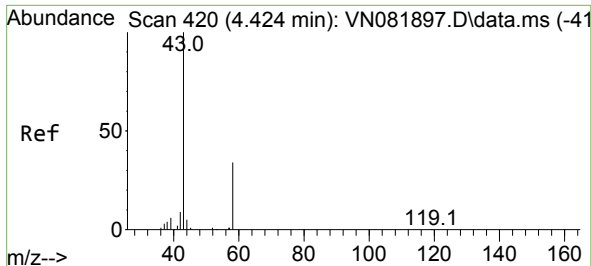
Tgt Ion: 56 Resp: 24038
Ion Ratio Lower Upper
56 100
55 70.5 55.5 83.3



#14
Acrylonitrile
Concen: 115.462 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 53 Resp: 112160
Ion Ratio Lower Upper
53 100
52 79.4 41.3 123.9
51 32.3 16.8 50.3

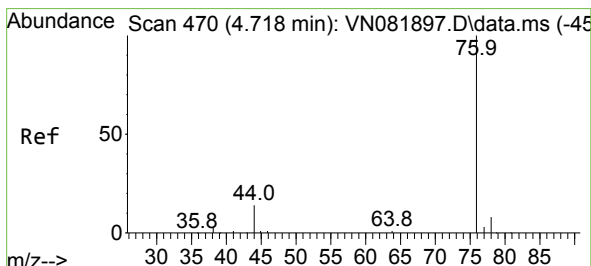
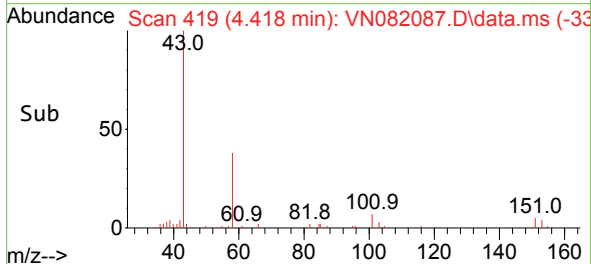
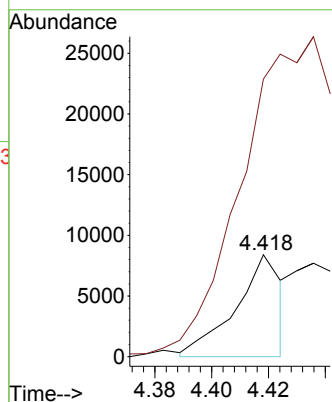
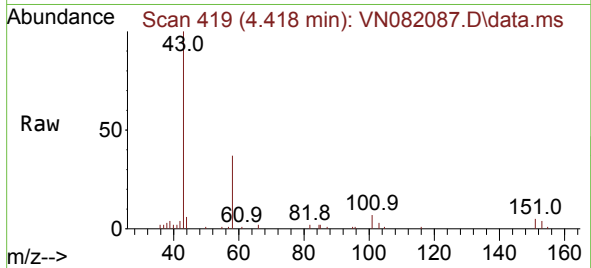




#15
Acetone
Concen: 43.243 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

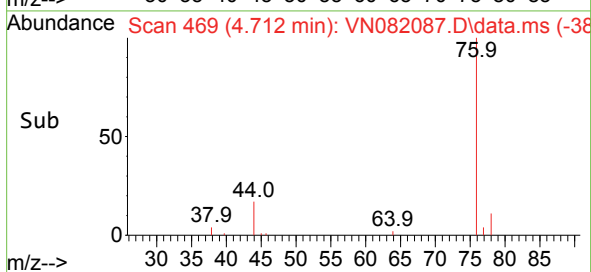
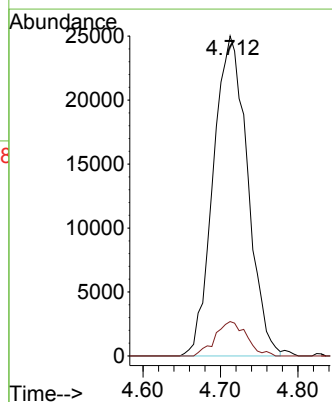
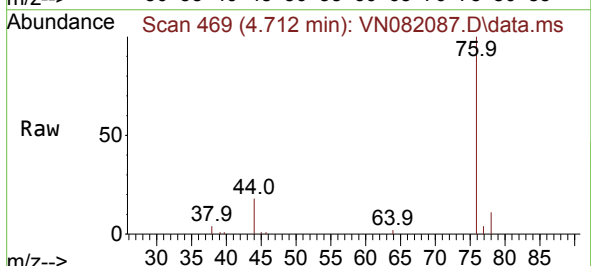
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

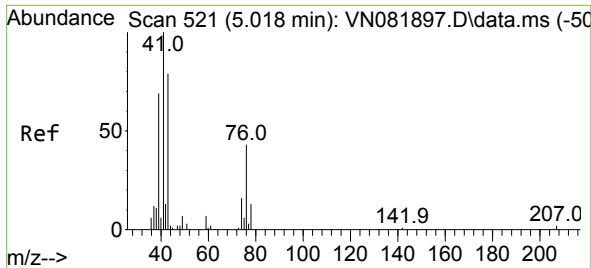
Tgt Ion: 58 Resp: 9413
Ion Ratio Lower Upper
58 100
43 266.9 223.1 334.7



#16
Carbon Disulfide
Concen: 16.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 76 Resp: 76836
Ion Ratio Lower Upper
76 100
78 10.8 6.3 9.5#





#17

Allyl chloride

Concen: 20.319 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

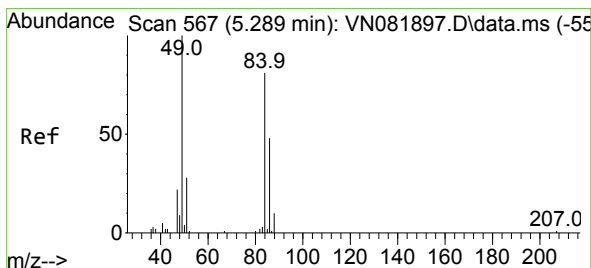
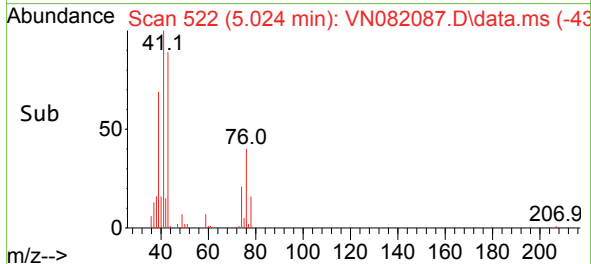
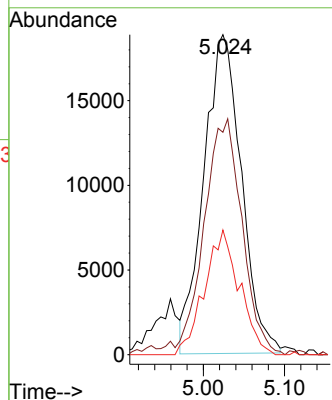
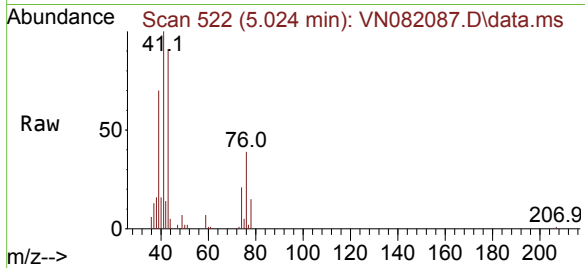
Tgt Ion: 41 Resp: 60640

Ion Ratio Lower Upper

41 100

39 69.9 37.6 112.9

76 39.8 27.8 83.4



#18

Methylene Chloride

Concen: 20.302 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.012 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Tgt Ion: 84 Resp: 39265

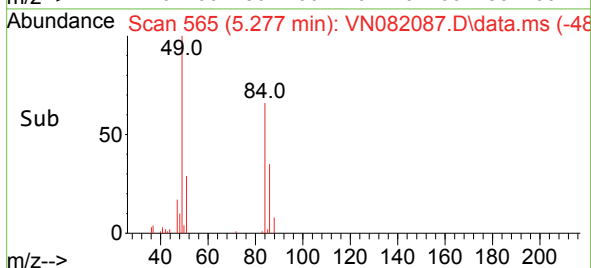
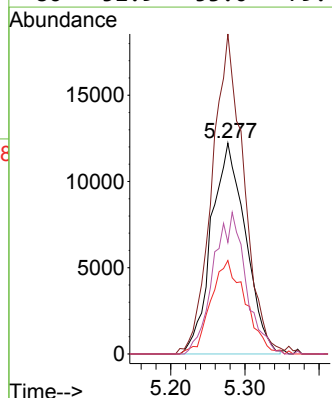
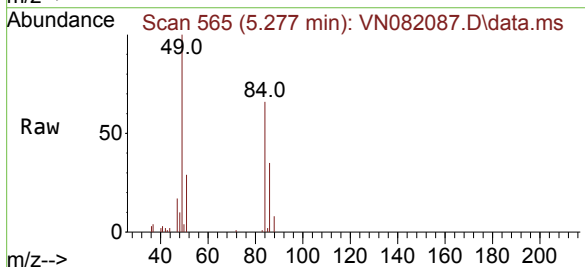
Ion Ratio Lower Upper

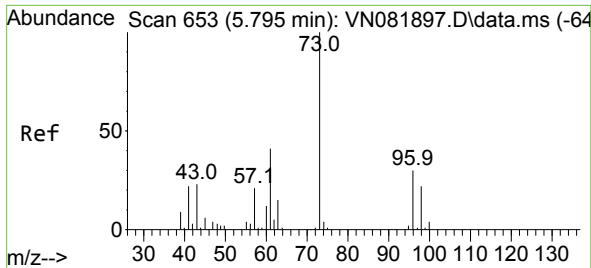
84 100

49 149.2 86.0 129.0#

51 44.3 30.0 45.0

86 52.9 53.0 79.4#

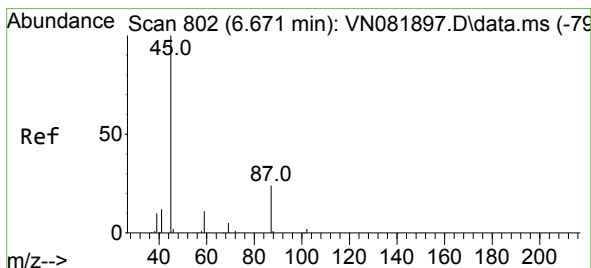
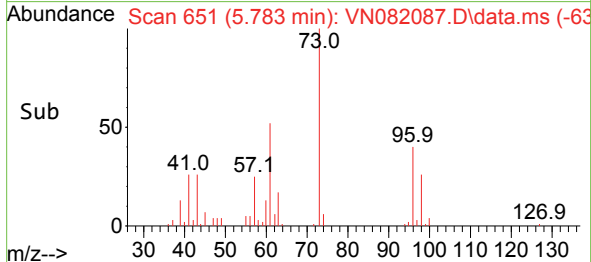
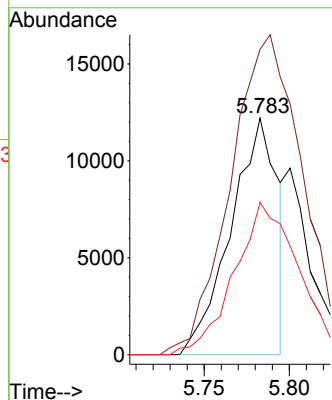
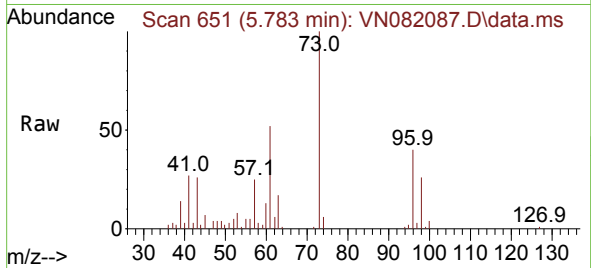




#19
trans-1,2-Dichloroethene
Concen: 13.144 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

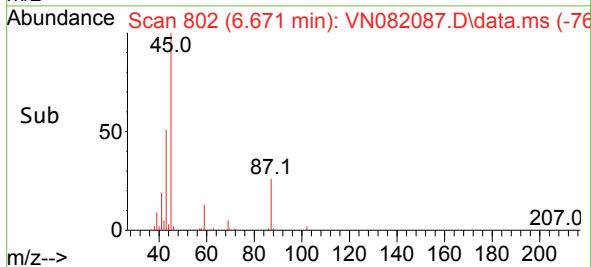
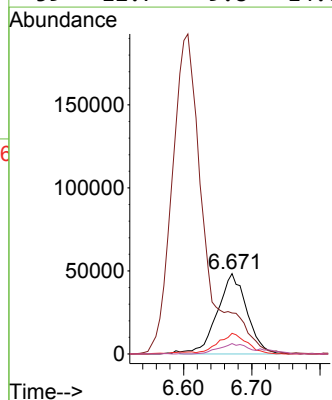
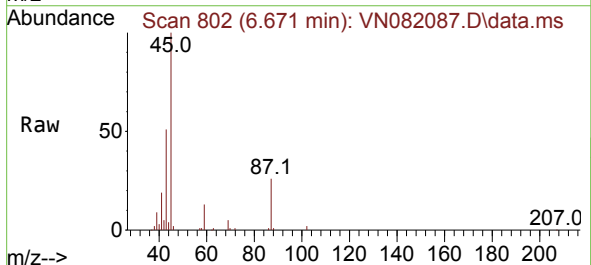
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

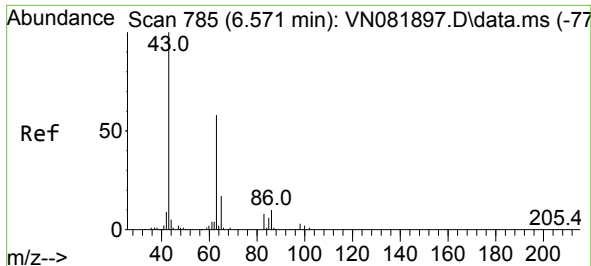
Tgt Ion: 96 Resp: 23257
Ion Ratio Lower Upper
96 100
61 124.0 111.8 167.6
98 61.6 49.2 73.8



#20
Diisopropyl ether
Concen: 21.946 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 45 Resp: 144904
Ion Ratio Lower Upper
45 100
43 49.3 40.4 60.6
87 25.6 23.8 35.8
59 12.7 9.8 14.6





#21

1,1-Dichloroethane

Concen: 21.476 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

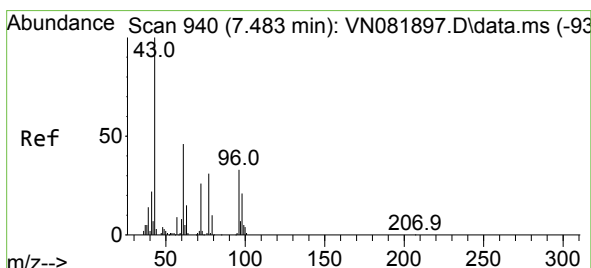
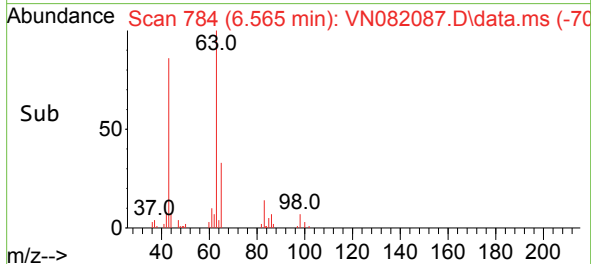
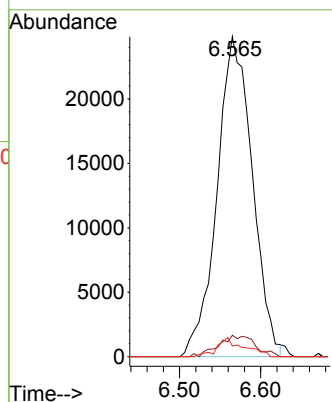
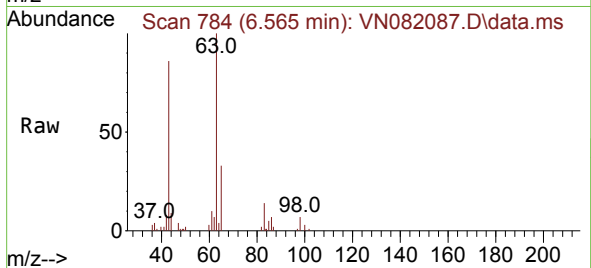
Tgt Ion: 63 Resp: 75086

Ion Ratio Lower Upper

63 100

98 6.7 4.1 12.3

100 3.4 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 20.560 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

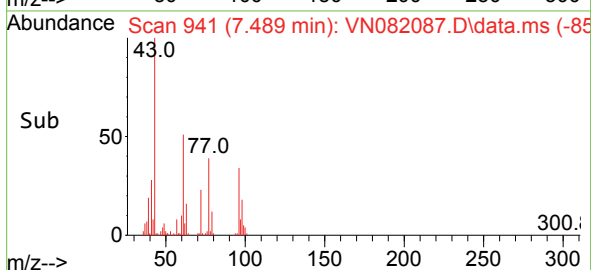
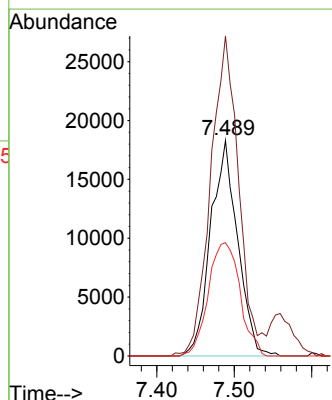
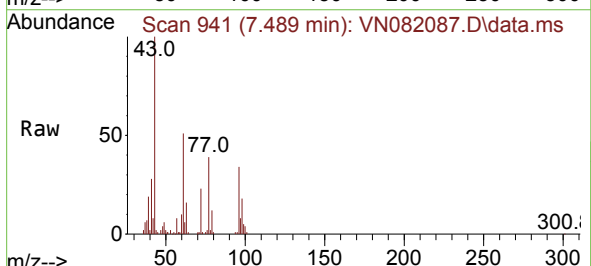
Tgt Ion: 96 Resp: 44329

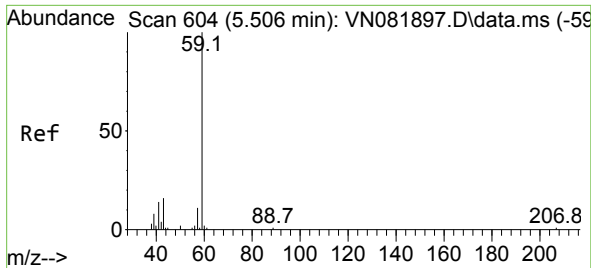
Ion Ratio Lower Upper

96 100

61 151.9 113.5 170.3

98 61.9 52.0 78.0

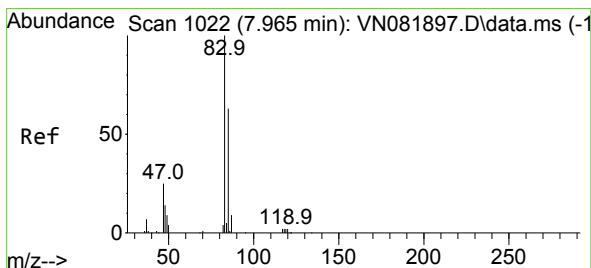
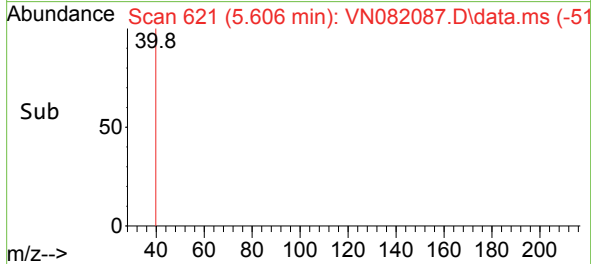
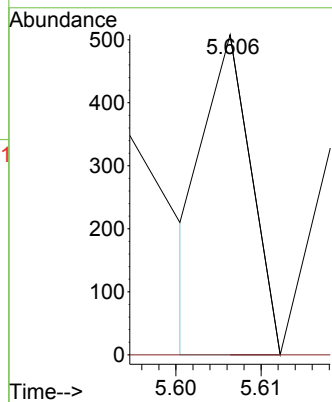
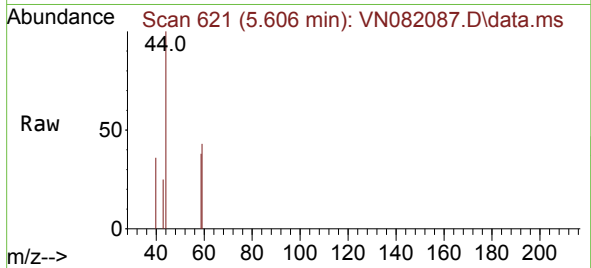




#23
tert-Butyl Alcohol
Concen: 0.447 ug/l
RT: 5.606 min Scan# 61
Delta R.T. 0.100 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

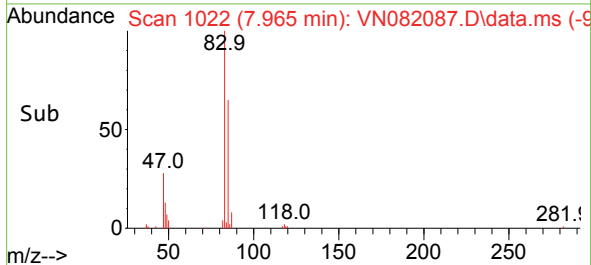
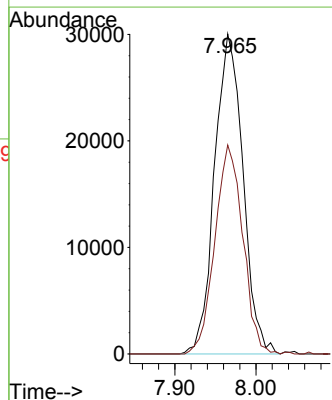
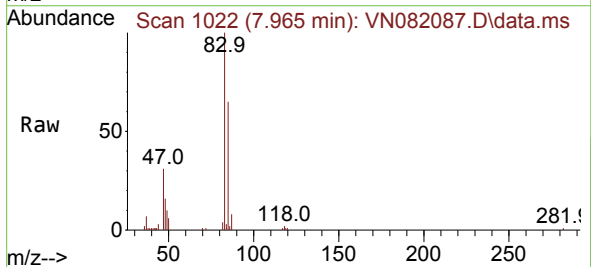
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

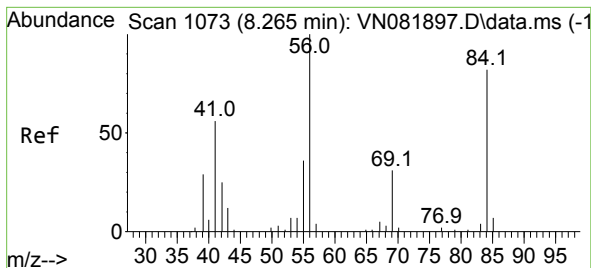
Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
52 72.1 0.0 0.0#



#25
Chloroform
Concen: 21.708 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 83 Resp: 73016
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3





#26

Cyclohexane

Concen: 19.519 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

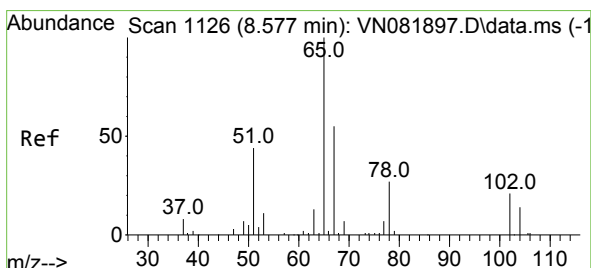
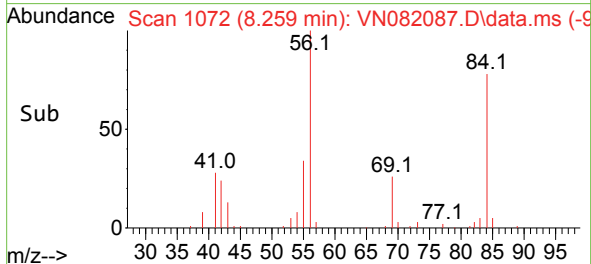
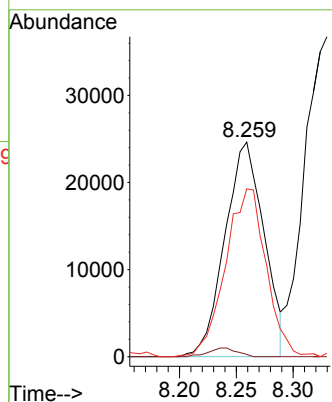
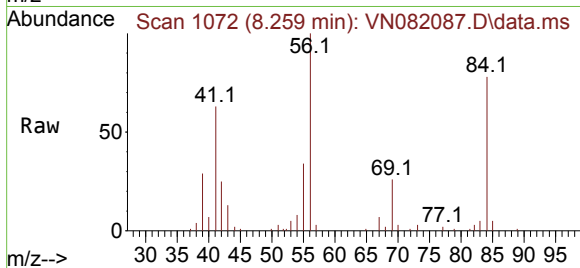
Tgt Ion: 56 Resp: 59014

Ion Ratio Lower Upper

56 100

89 2.9 19.3 28.9#

84 81.0 71.3 106.9



#27

1,2-Dichloroethane-d4

Concen: 32.545 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082087.D

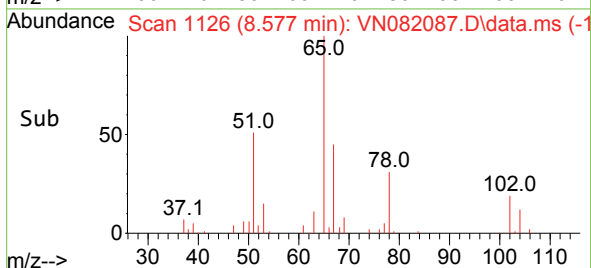
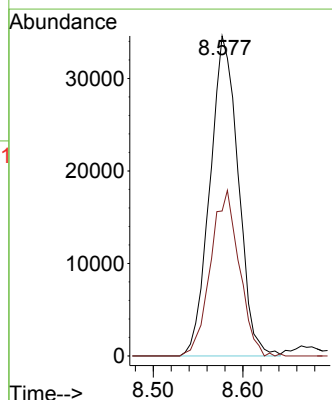
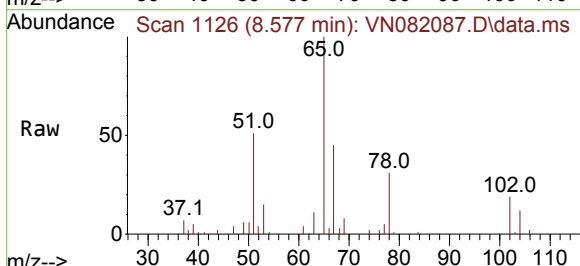
Acq: 13 May 2024 10:23

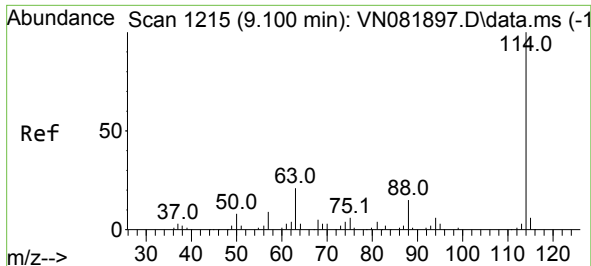
Tgt Ion: 65 Resp: 75889

Ion Ratio Lower Upper

65 100

67 52.1 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

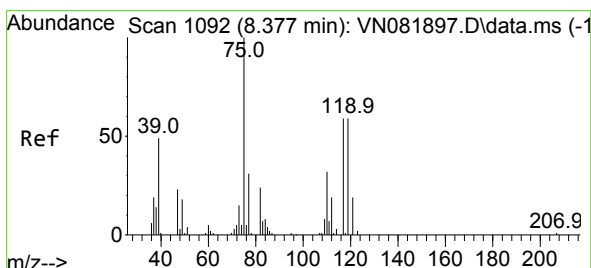
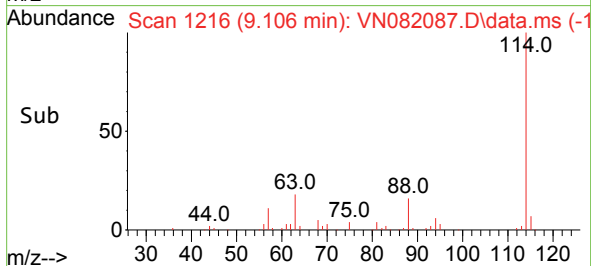
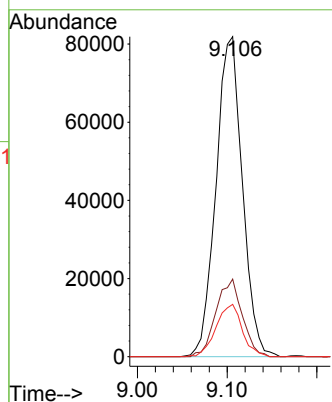
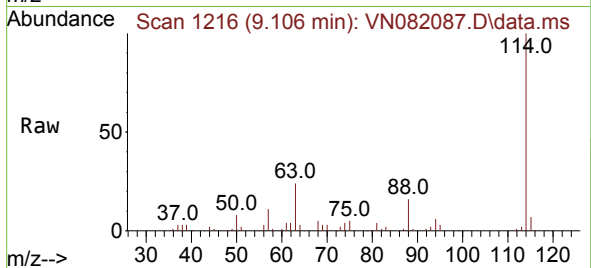
Tgt Ion:114 Resp: 167176

Ion Ratio Lower Upper

114 100

63 24.1 15.9 23.9#

88 16.3 12.7 19.1



#29

1,1-Dichloropropene

Concen: 19.151 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

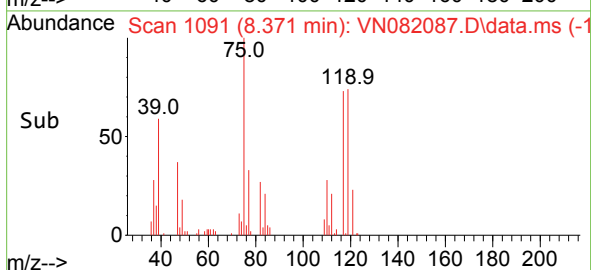
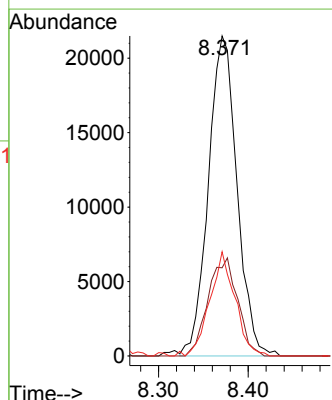
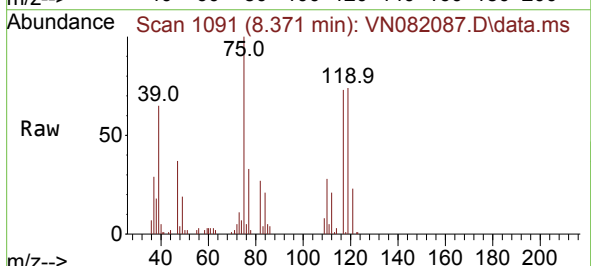
Tgt Ion: 75 Resp: 47663

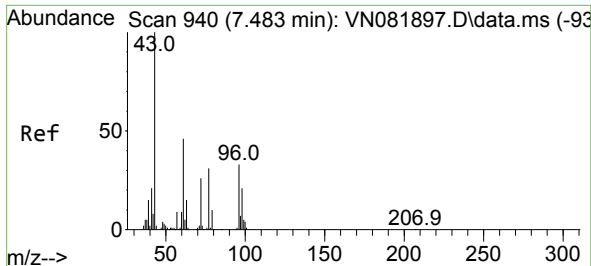
Ion Ratio Lower Upper

75 100

110 31.6 0.0 70.2

77 28.6 0.0 61.4

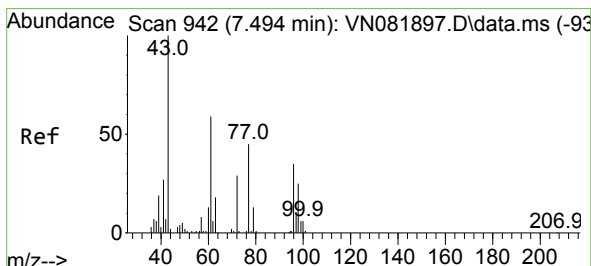
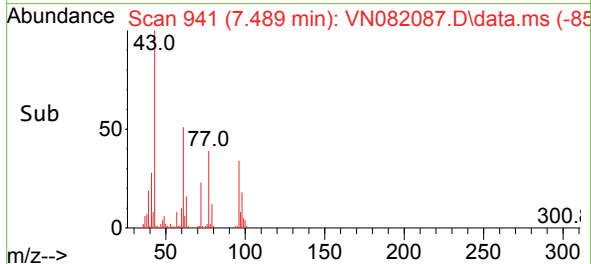
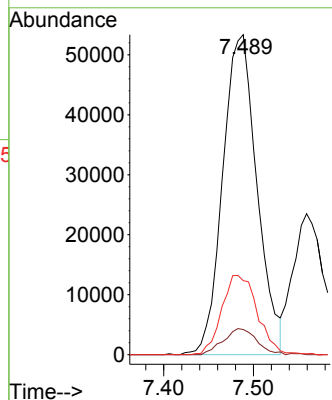
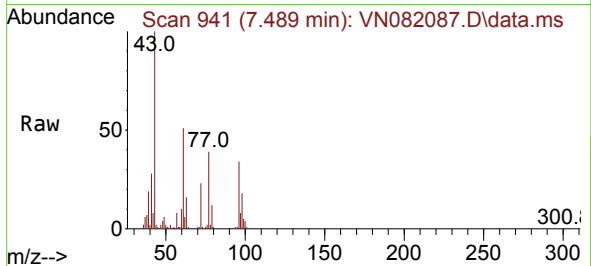




#30
2-Butanone
Concen: 110.445 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

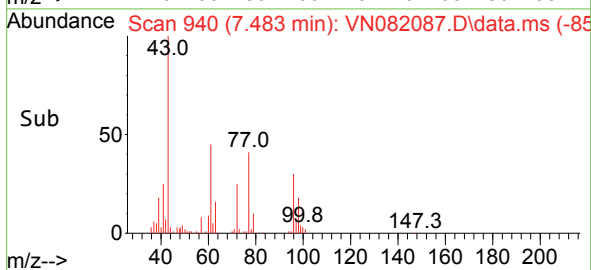
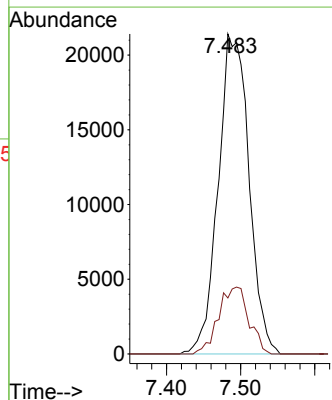
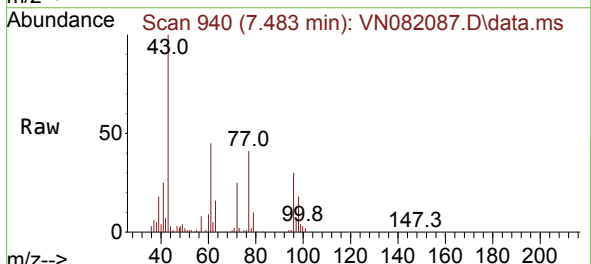
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

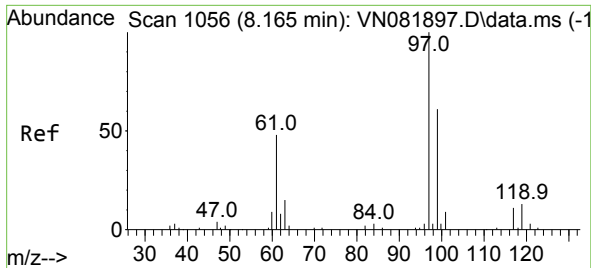
Tgt Ion: 43 Resp: 141693
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.6 24.0 36.0



#31
2,2-Dichloropropane
Concen: 24.182 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 77 Resp: 61678
Ion Ratio Lower Upper
77 100
97 8.2 18.3 27.5#

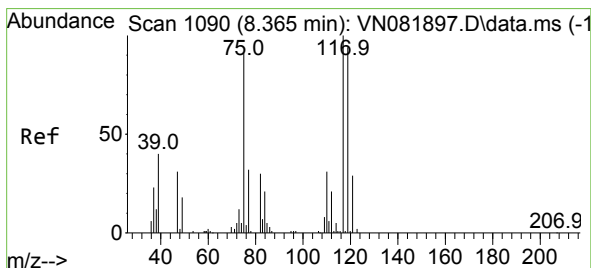
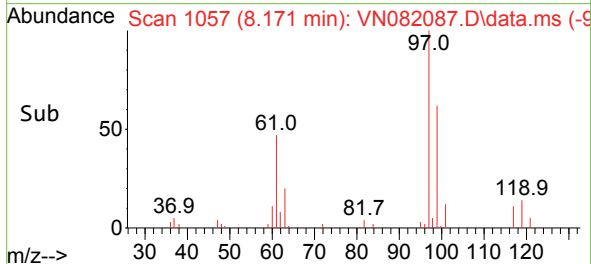
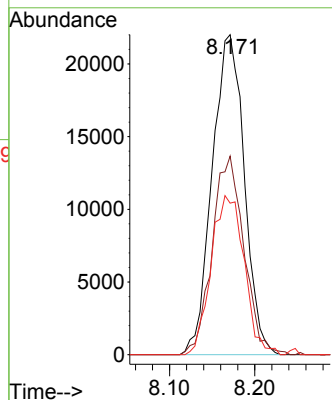
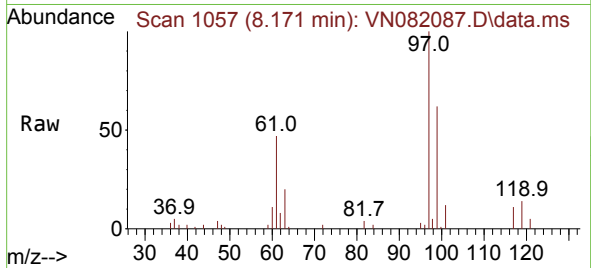




#32
1,1,1-Trichloroethane
Concen: 20.146 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

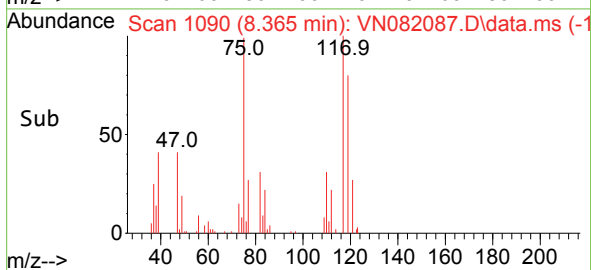
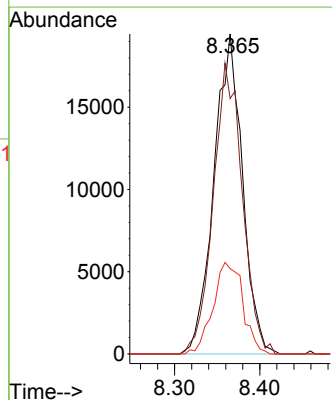
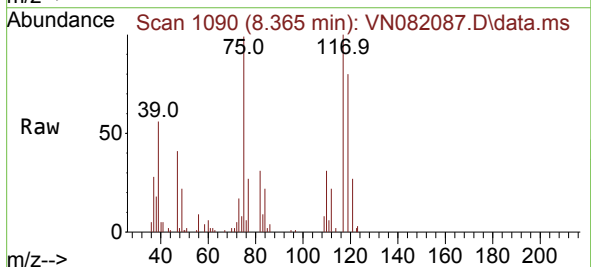
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

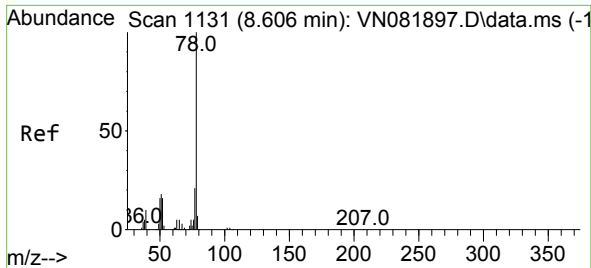
Tgt Ion: 97 Resp: 57666
Ion Ratio Lower Upper
97 100
99 61.4 51.0 76.4
61 50.9 33.8 50.8#



#33
Carbon Tetrachloride
Concen: 19.480 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 117 Resp: 45252
Ion Ratio Lower Upper
117 100
119 79.8 77.7 116.5
121 26.7 27.0 40.6#

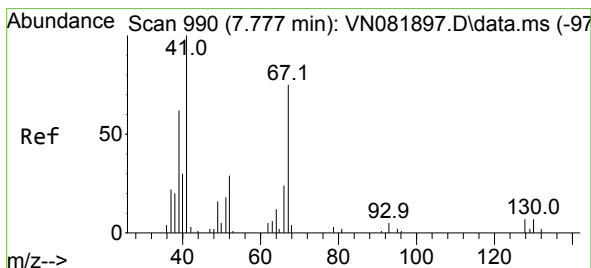
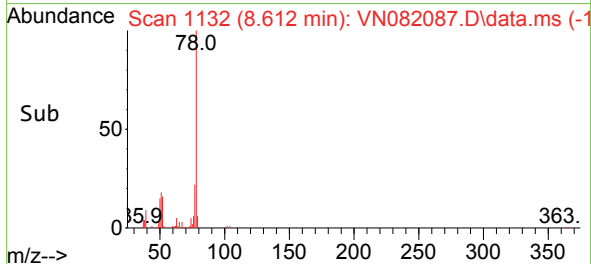
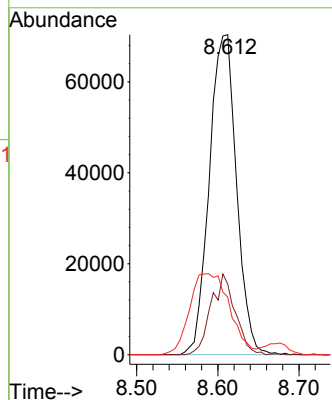
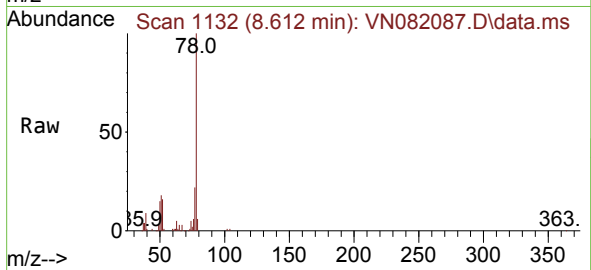




#34
Benzene
Concen: 20.649 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

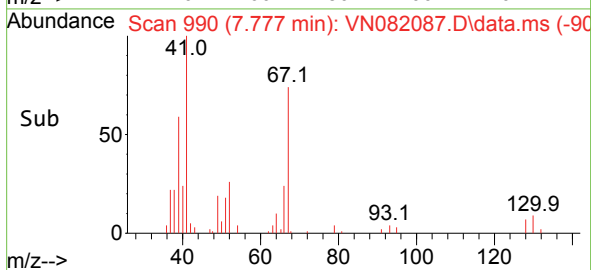
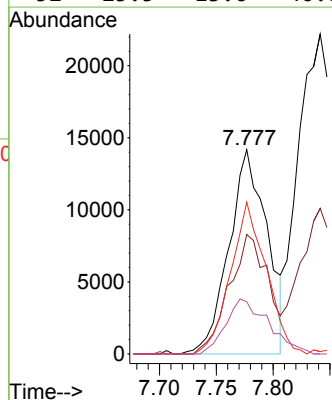
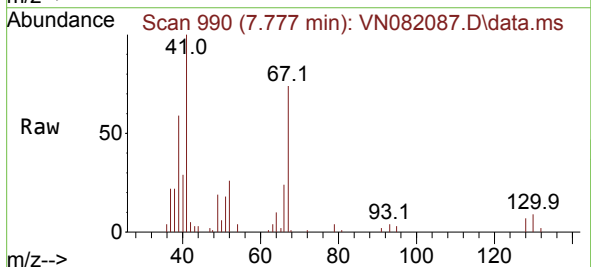
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

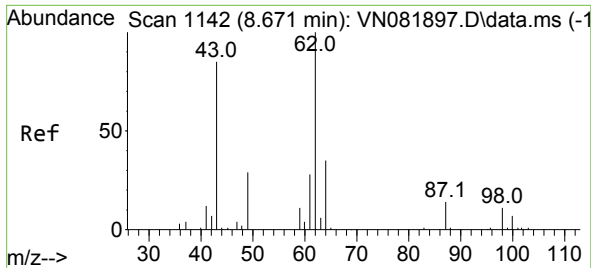
Tgt Ion: 78 Resp: 163950
Ion Ratio Lower Upper
78 100
77 22.0 19.2 28.8
51 14.4 13.3 19.9



#35
Methacrylonitrile
Concen: 20.398 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 41 Resp: 33108
Ion Ratio Lower Upper
41 100
39 58.5 25.3 75.9
67 74.3 38.7 116.1
52 25.5 13.6 40.8

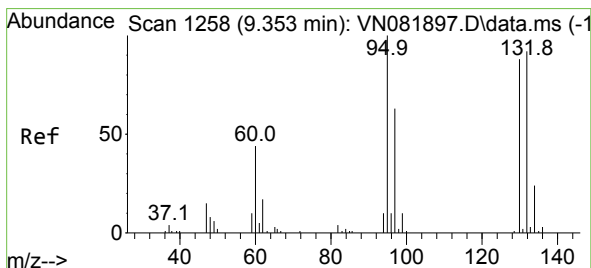
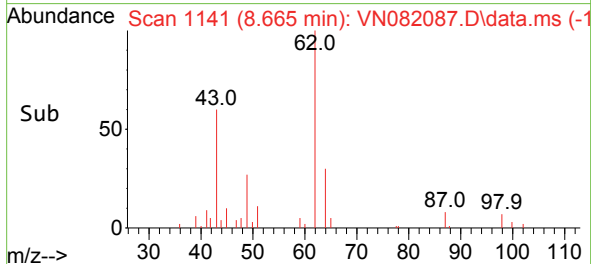
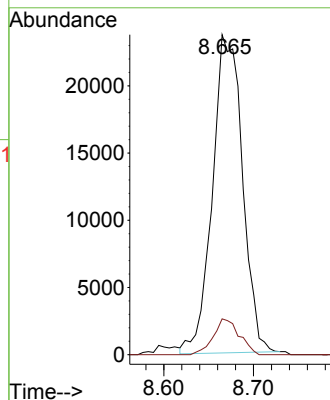
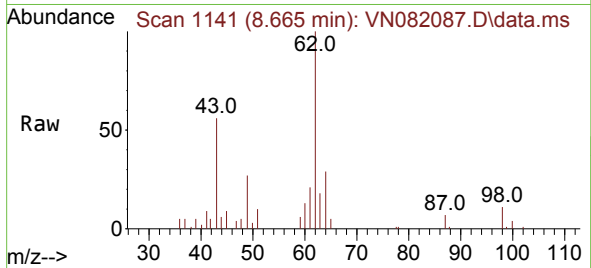




#36
1,2-Dichloroethane
Concen: 20.579 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

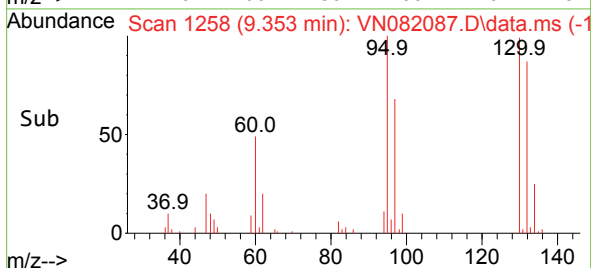
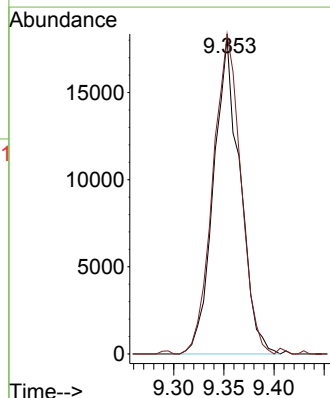
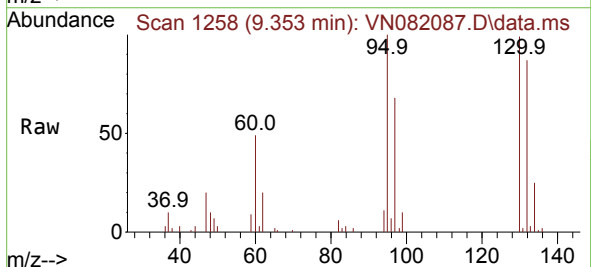
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

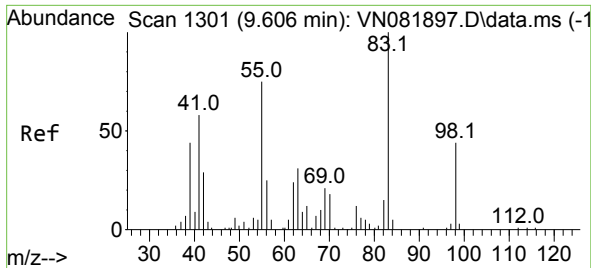
Tgt Ion: 62 Resp: 54850
Ion Ratio Lower Upper
62 100
98 9.8 8.2 12.4



#37
Trichloroethene
Concen: 17.119 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:130 Resp: 33292
Ion Ratio Lower Upper
130 100
95 101.4 80.2 120.4

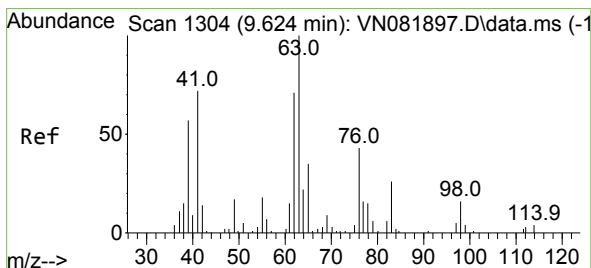
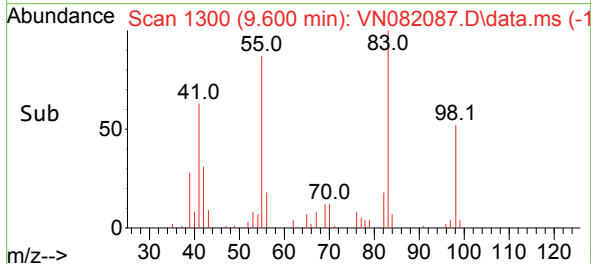
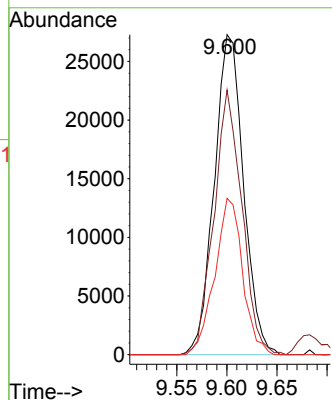
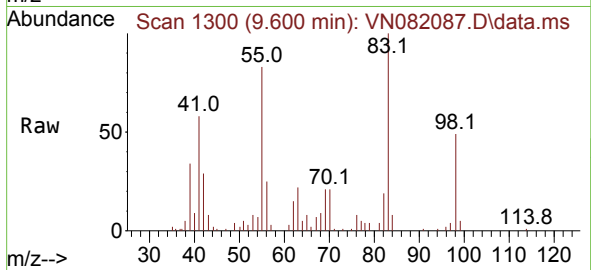




#38
Methylcyclohexane
Concen: 18.448 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

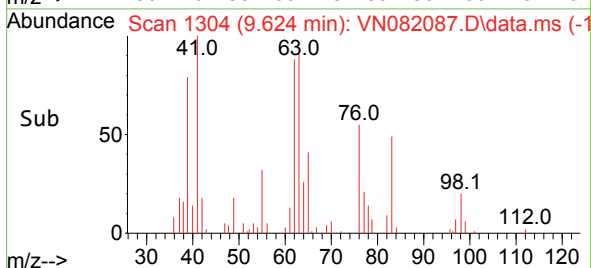
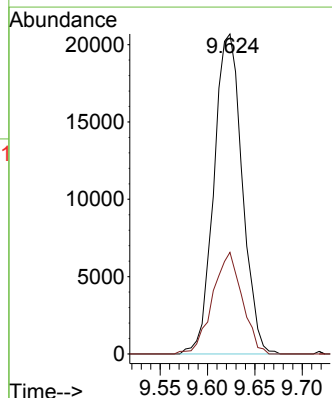
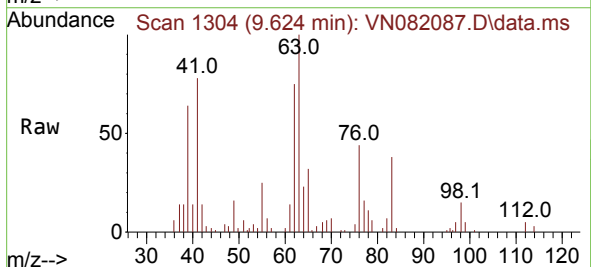
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

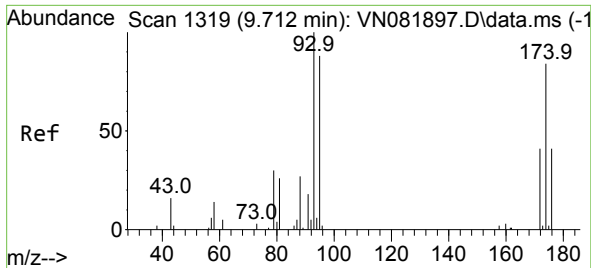
Tgt Ion: 83 Resp: 55465
Ion Ratio Lower Upper
83 100
55 78.9 36.6 109.9
98 46.4 23.8 71.5



#39
1,2-Dichloropropane
Concen: 21.130 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

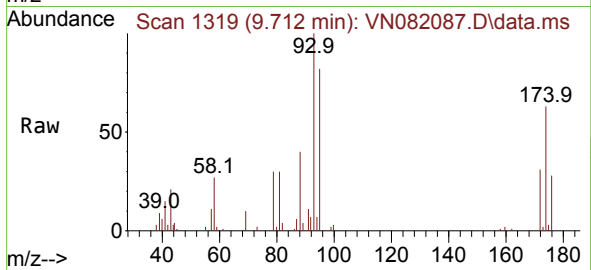
Tgt Ion: 63 Resp: 43048
Ion Ratio Lower Upper
63 100
65 31.8 25.0 37.4



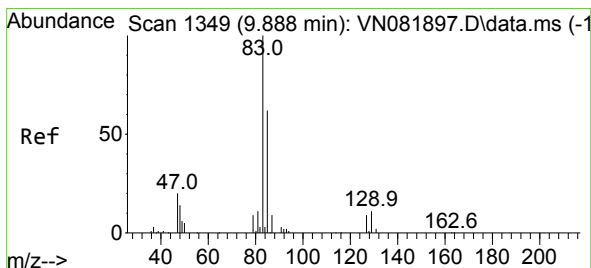
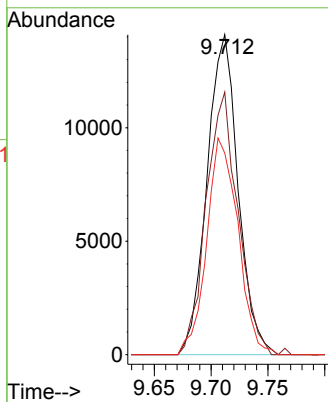
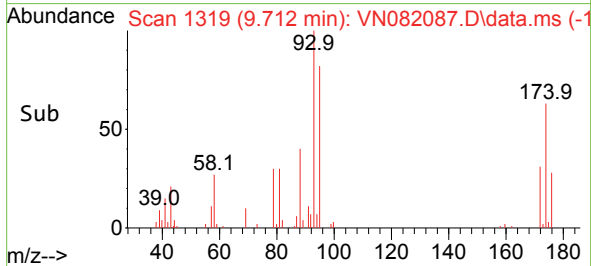


#40
Dibromomethane
Concen: 20.528 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

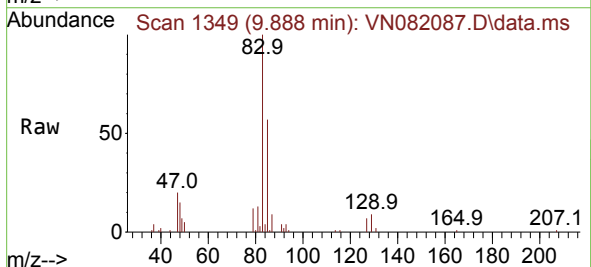
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



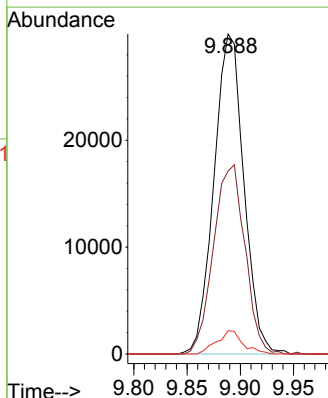
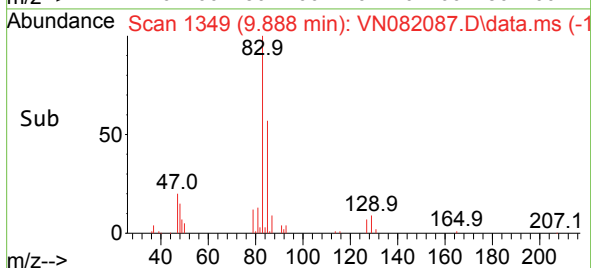
Tgt Ion: 93 Resp: 26868
Ion Ratio Lower Upper
93 100
95 84.0 0.0 164.6
174 68.1 0.0 193.2

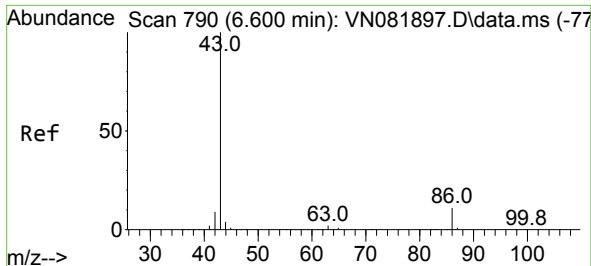


#41
Bromodichloromethane
Concen: 20.885 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23



Tgt Ion: 83 Resp: 58425
Ion Ratio Lower Upper
83 100
85 57.2 49.4 74.2
127 7.3 7.3 10.9#

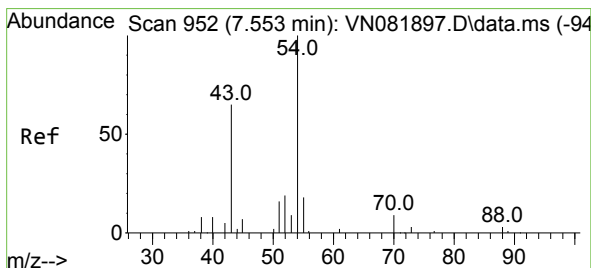
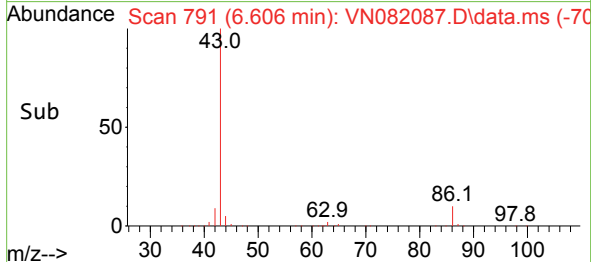
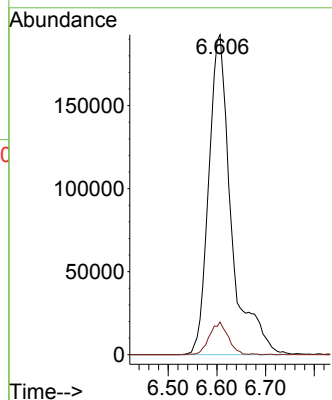
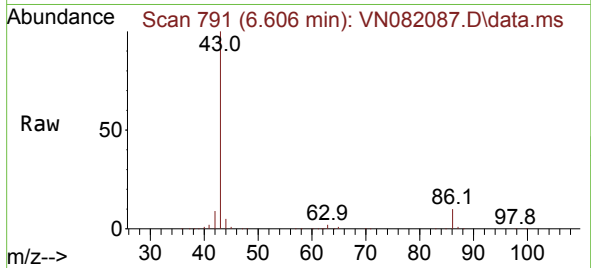




#42
 Vinyl Acetate
 Concen: 113.284 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082087.D
 Acq: 13 May 2024 10:23

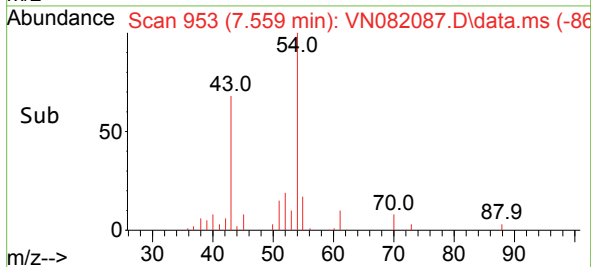
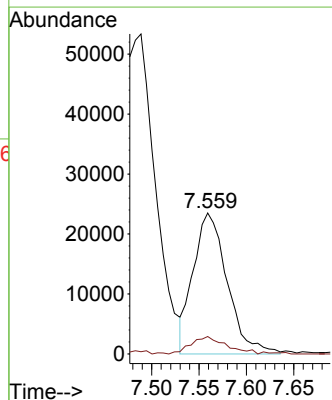
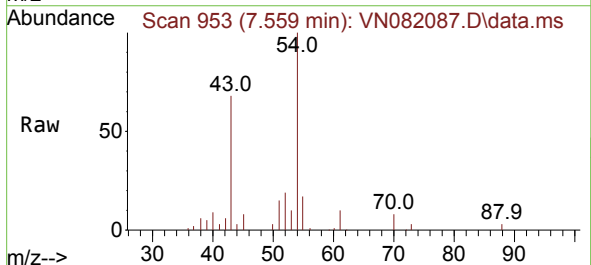
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

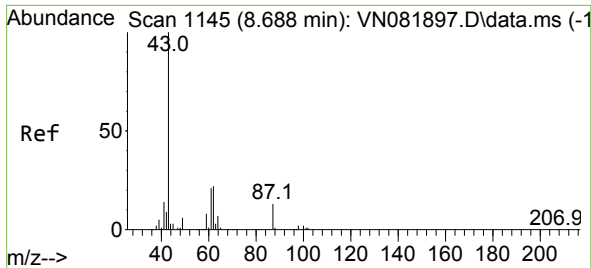
Tgt Ion: 43 Resp: 618594
 Ion Ratio Lower Upper
 43 100
 86 8.4 9.4 14.2#



#43
 Ethyl Acetate
 Concen: 20.993 ug/l
 RT: 7.559 min Scan# 953
 Delta R.T. 0.006 min
 Lab File: VN082087.D
 Acq: 13 May 2024 10:23

Tgt Ion: 43 Resp: 58721
 Ion Ratio Lower Upper
 43 100
 45 12.2 10.6 15.8

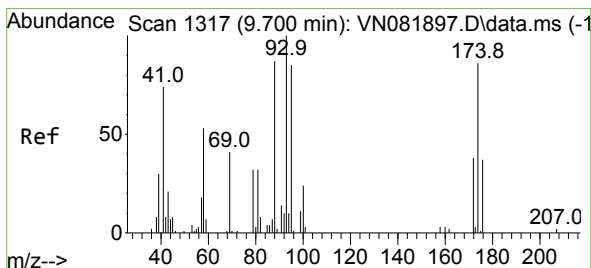
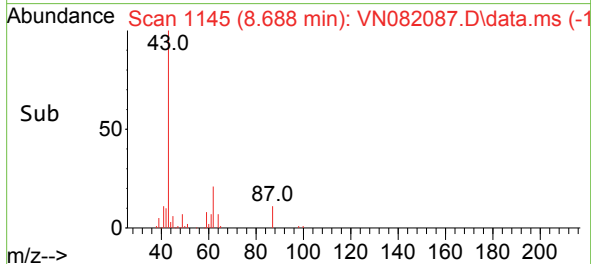
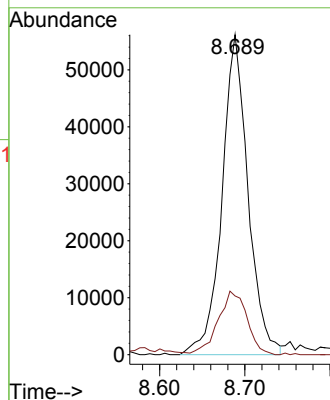
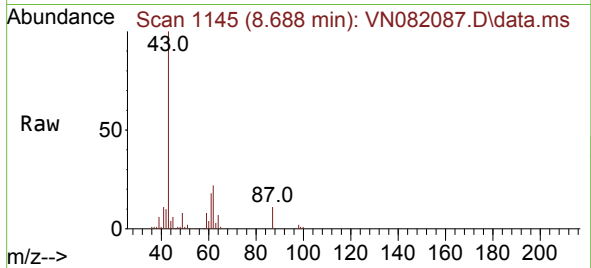




#44
Isopropyl Acetate
Concen: 24.039 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

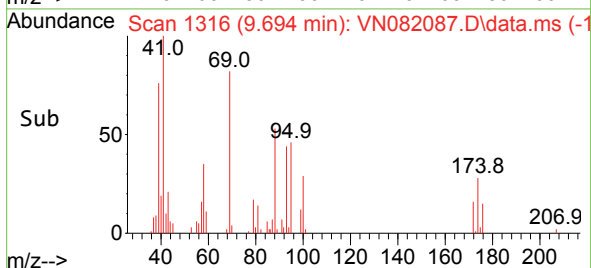
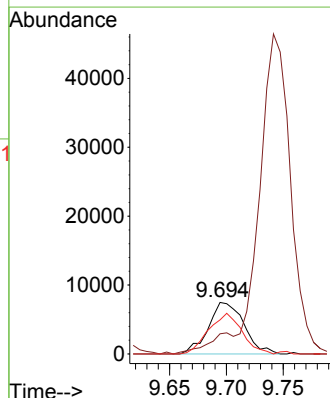
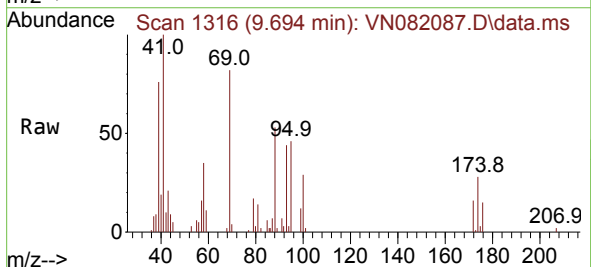
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

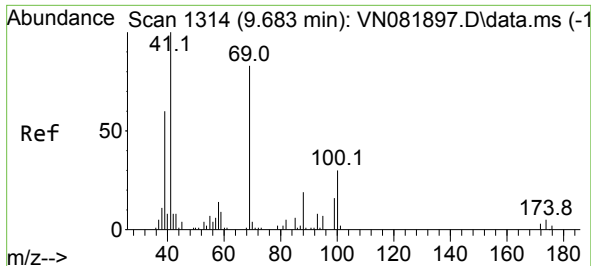
Tgt Ion: 43 Resp: 119377
Ion Ratio Lower Upper
43 100
61 22.0 25.0 37.4#



#45
1,4-Dioxane
Concen: 409.739 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 88 Resp: 16318
Ion Ratio Lower Upper
88 100
43 30.7 19.8 29.6#
58 73.9 55.4 83.0

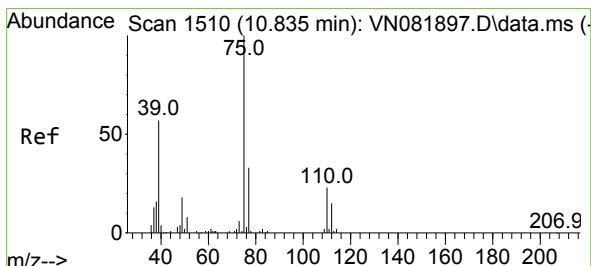
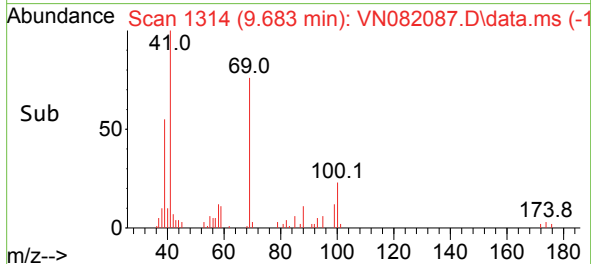
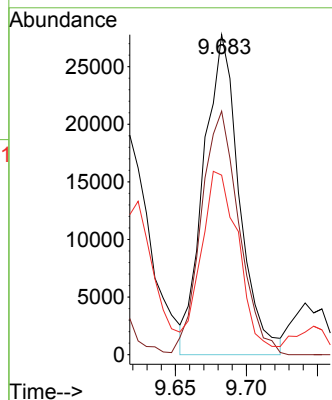
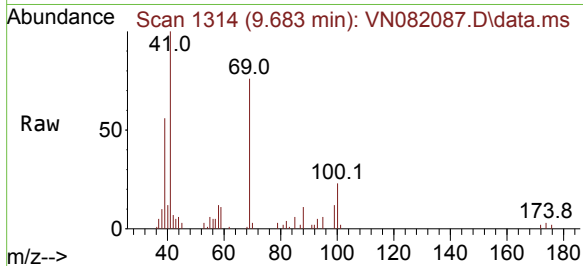




#46
Methyl methacrylate
Concen: 21.349 ug/l
RT: 9.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

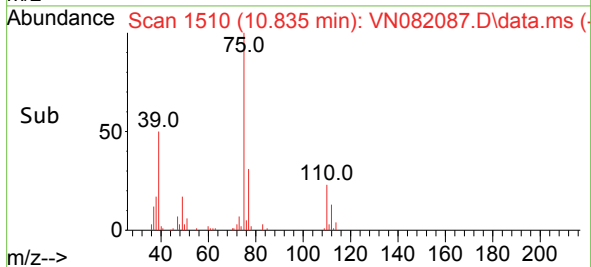
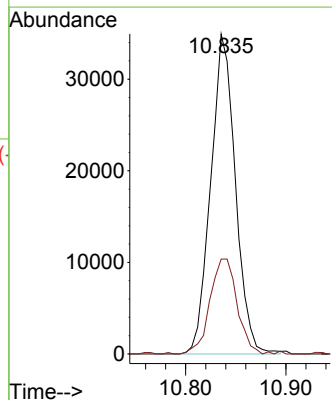
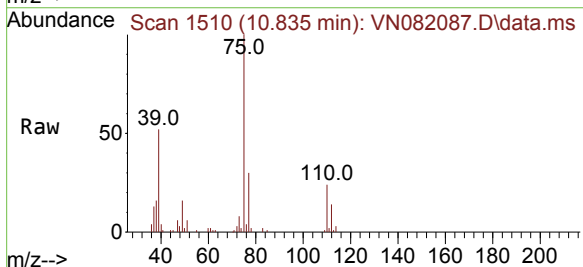
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

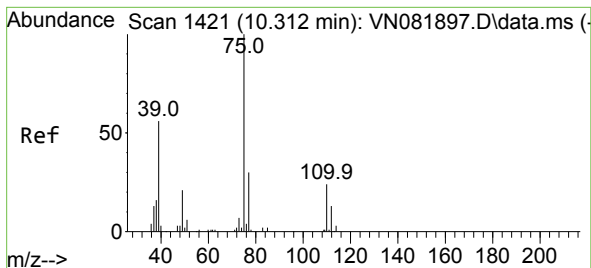
Tgt Ion: 41 Resp: 48436
Ion Ratio Lower Upper
41 100
69 79.4 51.1 153.3
39 56.4 25.8 77.3



#48
t-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 75 Resp: 59786
Ion Ratio Lower Upper
75 100
77 29.6 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.286 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

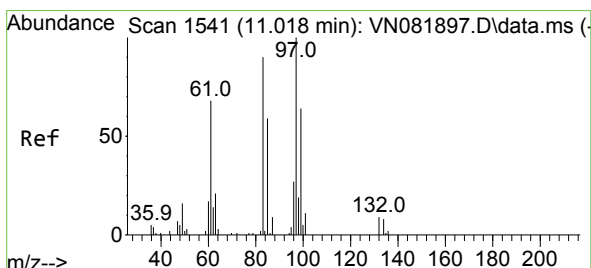
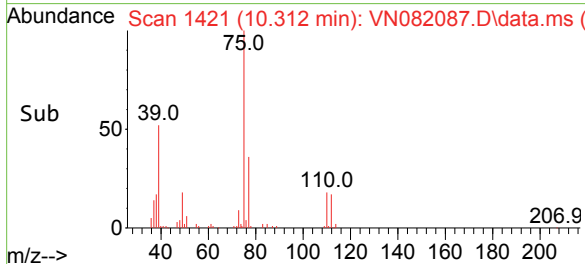
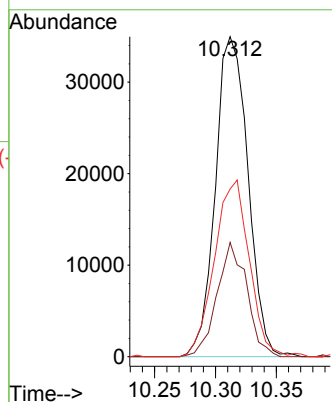
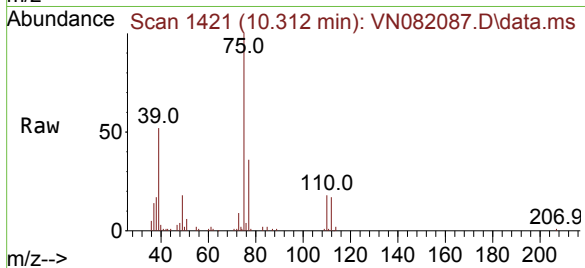
Tgt Ion: 75 Resp: 65065

Ion Ratio Lower Upper

75 100

77 35.7 24.9 37.3

39 52.4 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 21.237 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Tgt Ion: 97 Resp: 37709

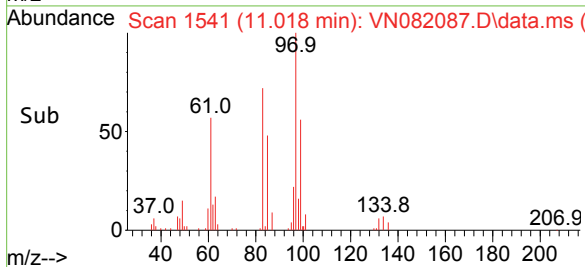
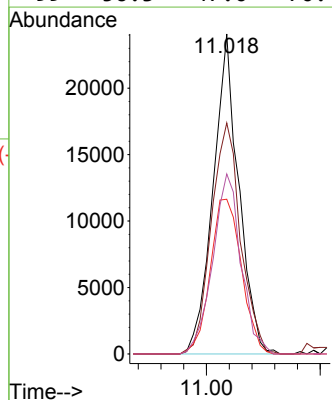
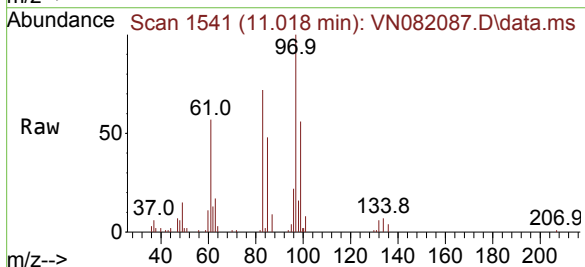
Ion Ratio Lower Upper

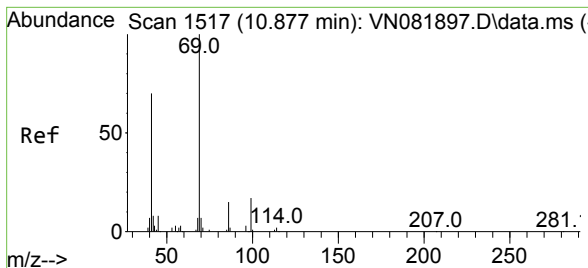
97 100

83 72.2 68.1 102.1

85 48.3 41.8 62.6

99 56.3 47.0 70.4

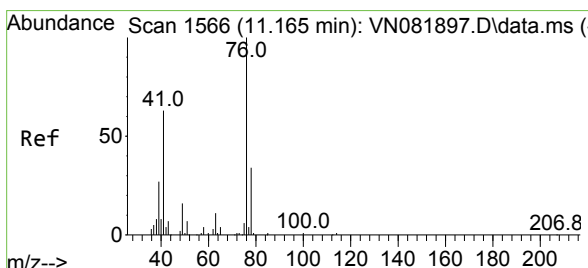
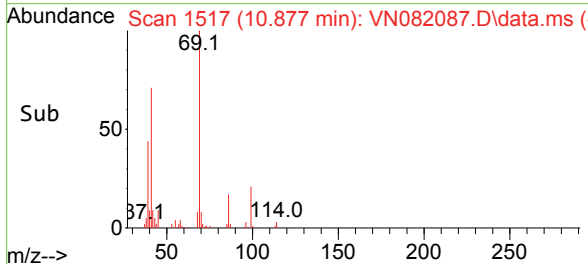
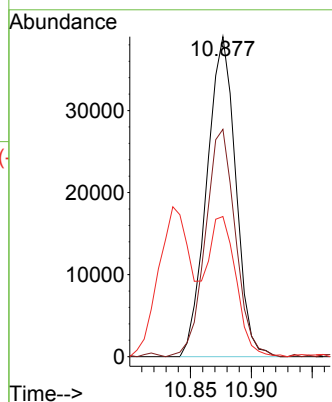
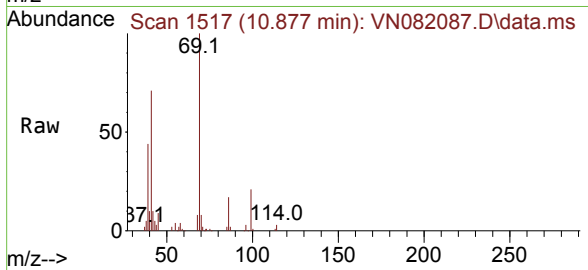




#51
Ethyl methacrylate
Concen: 19.198 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

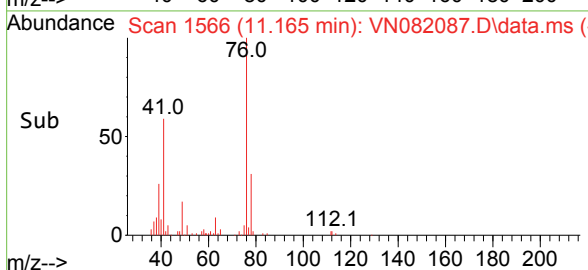
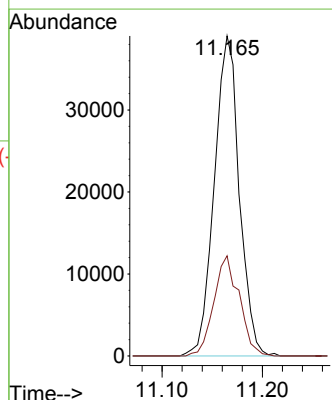
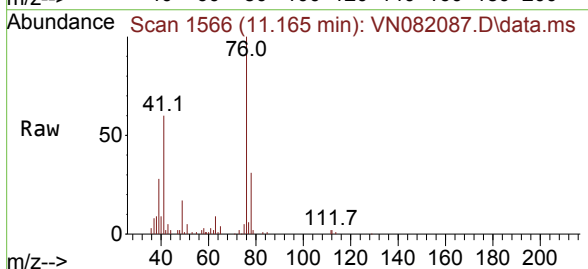
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

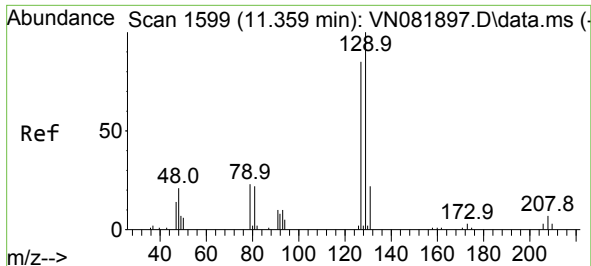
Tgt Ion: 69 Resp: 64338
Ion Ratio Lower Upper
69 100
41 71.1 25.5 76.5
39 43.3 16.0 47.9



#52
1,3-Dichloropropane
Concen: 20.706 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 76 Resp: 67548
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.8

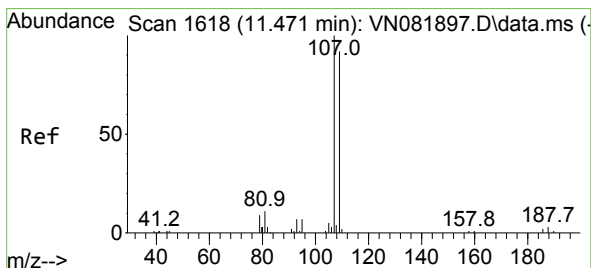
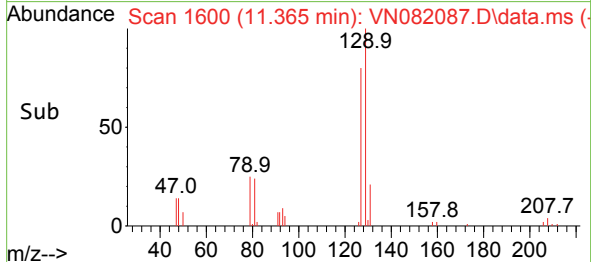
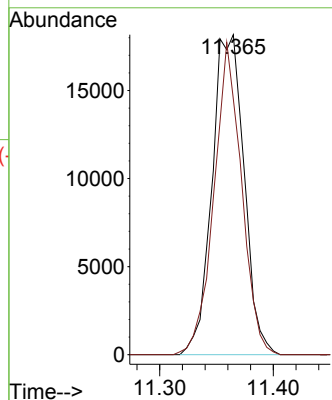
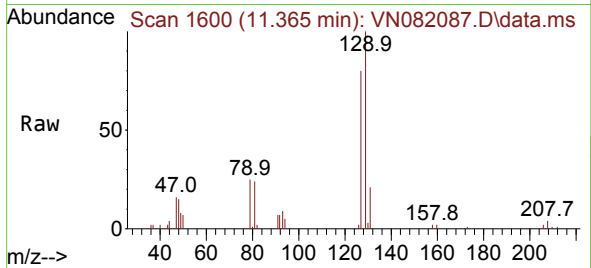




#53
Dibromochloromethane
Concen: 18.404 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

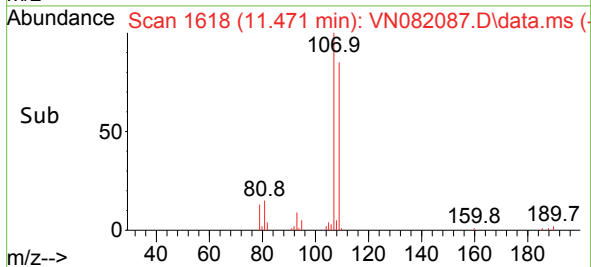
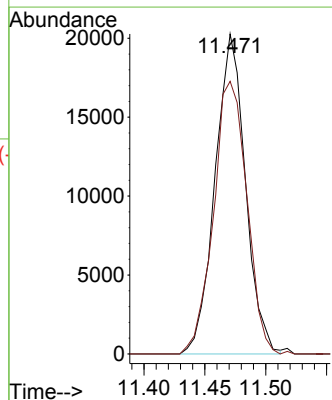
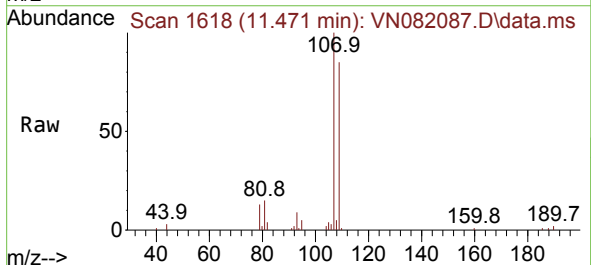
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

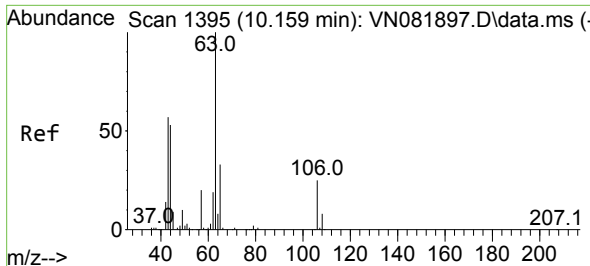
Tgt Ion:129 Resp: 35555
Ion Ratio Lower Upper
129 100
127 84.1 39.4 118.1



#54
1,2-Dibromoethane
Concen: 19.872 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:107 Resp: 35191
Ion Ratio Lower Upper
107 100
109 93.5 74.7 112.1

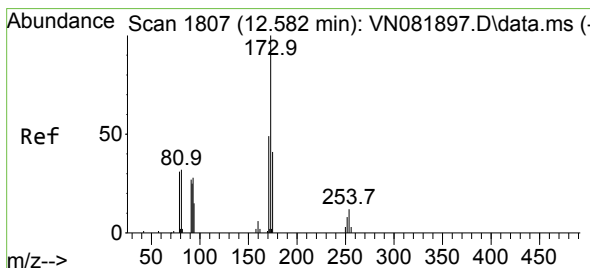
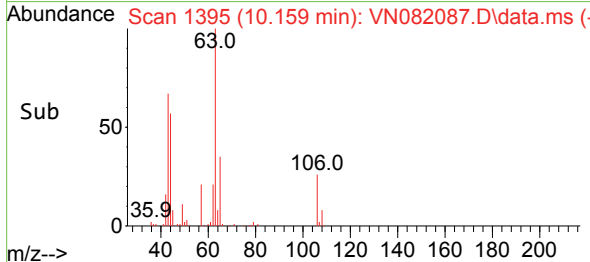
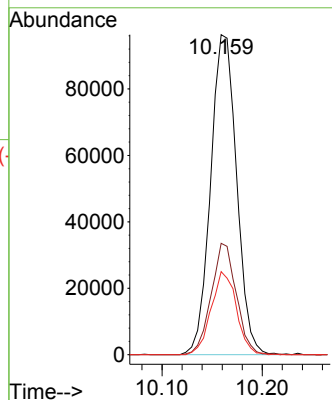
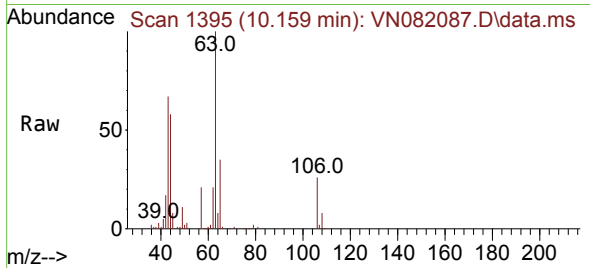




#55
2-Chloroethyl vinyl ether
Concen: 103.606 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

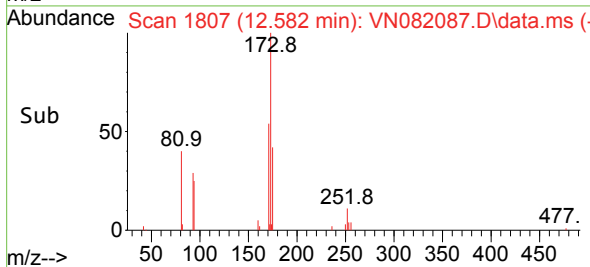
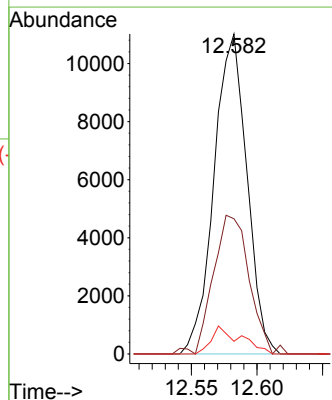
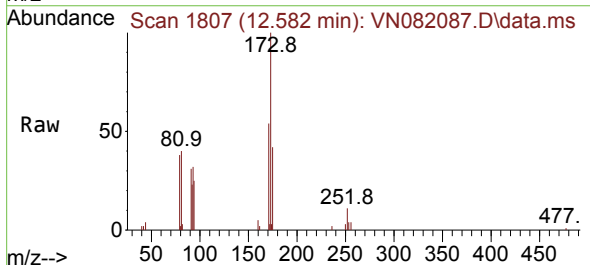
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

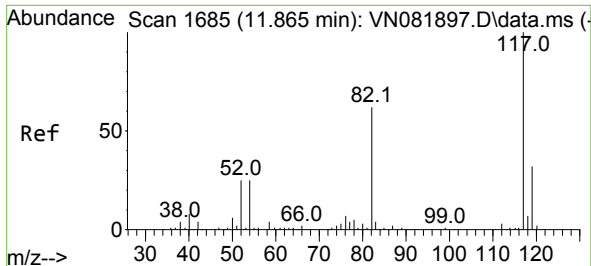
Tgt Ion: 63 Resp: 173626
Ion Ratio Lower Upper
63 100
65 33.5 26.2 39.2
106 25.2 23.8 35.8



#56
Bromoform
Concen: 16.331 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 173 Resp: 19202
Ion Ratio Lower Upper
173 100
175 46.4 40.0 60.0
254 2.8 8.3 12.5#

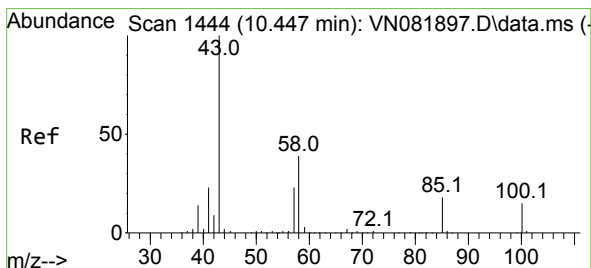
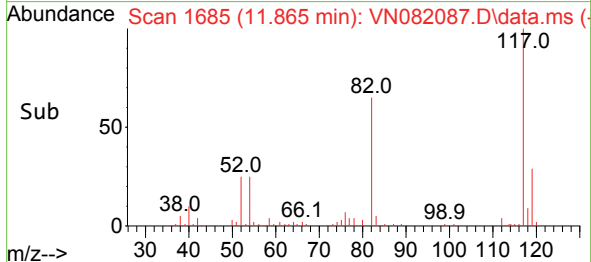
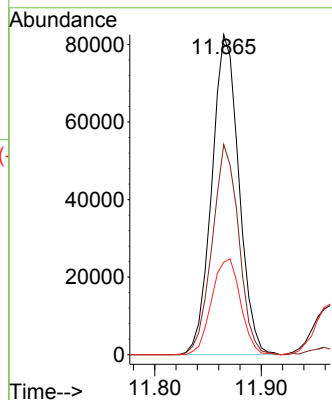
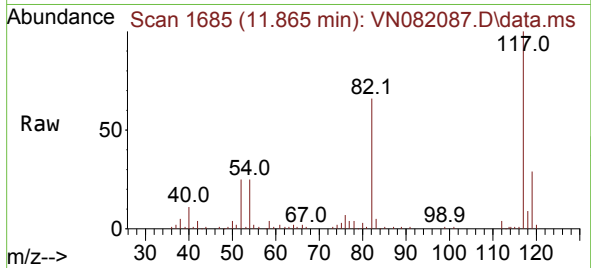




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

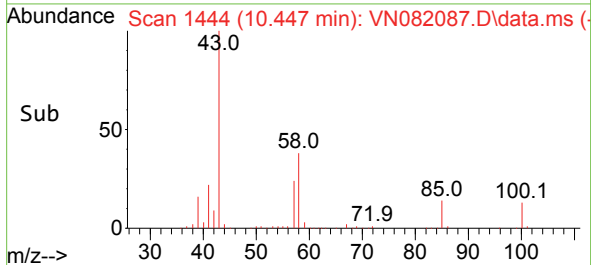
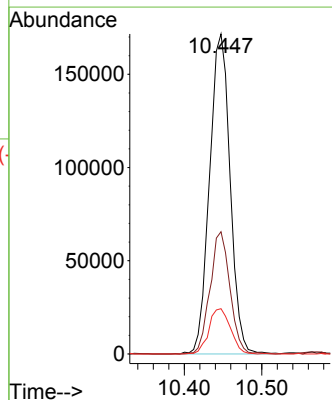
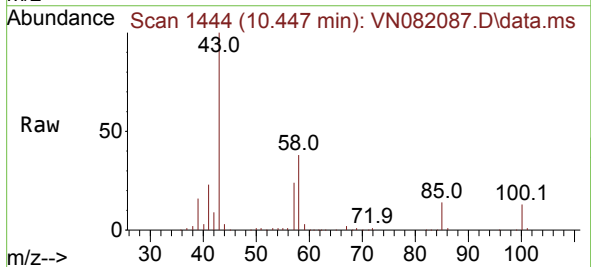
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

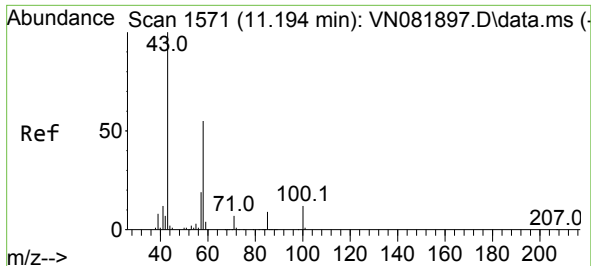
Tgt Ion:117 Resp: 145403
Ion Ratio Lower Upper
117 100
82 64.6 46.6 69.8
119 31.9 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 112.100 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 43 Resp: 316490
Ion Ratio Lower Upper
43 100
58 36.8 36.5 54.7
85 14.8 19.5 29.3#

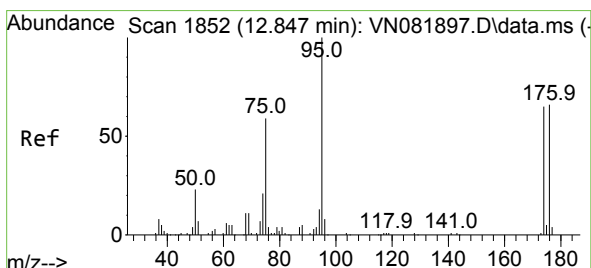
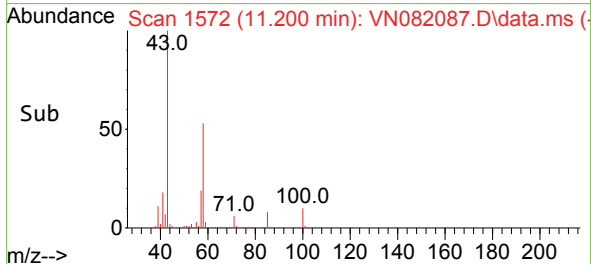
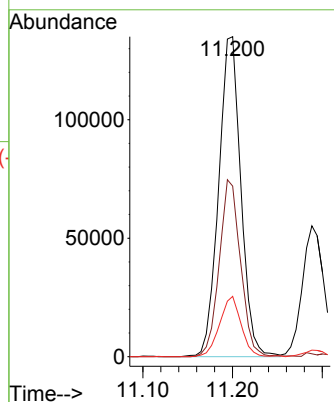
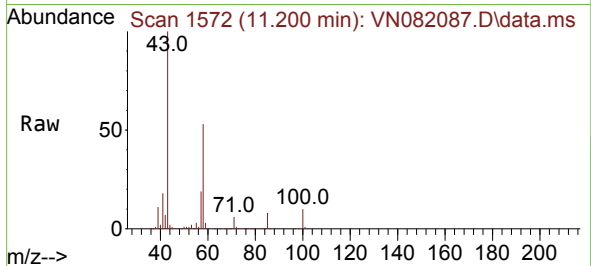




#59
2-Hexanone
Concen: 111.075 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

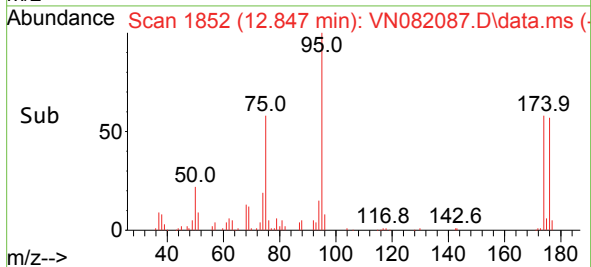
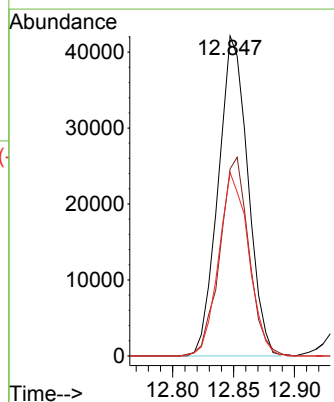
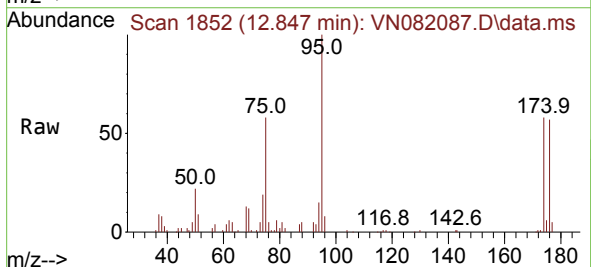
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

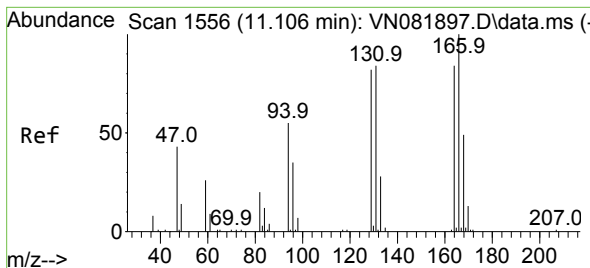
Tgt Ion: 43 Resp: 232514
Ion Ratio Lower Upper
43 100
58 52.7 50.4 75.6
57 18.2 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 29.529 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 95 Resp: 71455
Ion Ratio Lower Upper
95 100
174 60.4 60.5 90.7#
176 57.8 57.8 86.6





#61

Tetrachloroethene

Concen: 17.948 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 28958

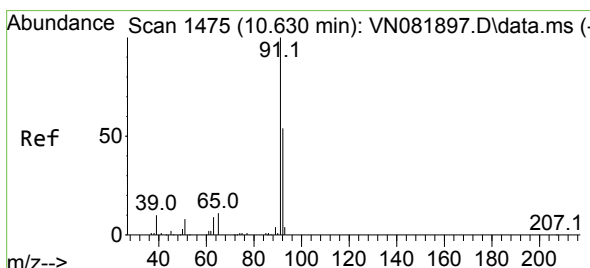
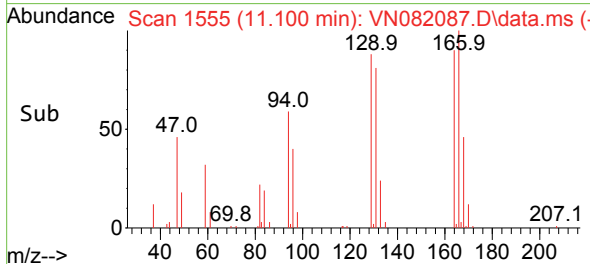
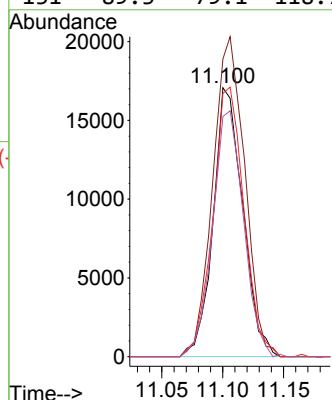
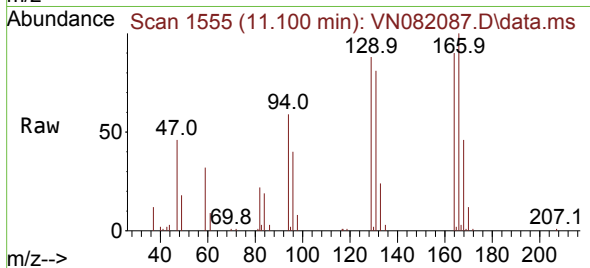
Ion Ratio Lower Upper

164 100

166 110.7 106.7 160.1

129 97.8 85.8 128.6

131 89.3 79.1 118.7



#62

Toluene

Concen: 20.129 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082087.D

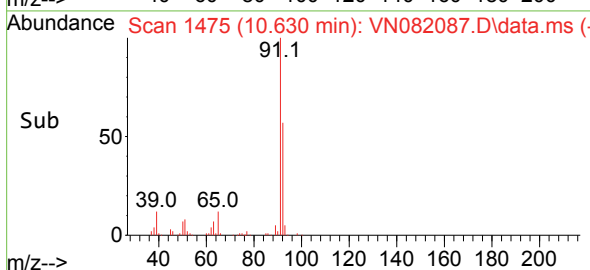
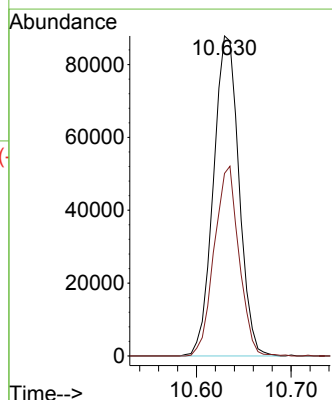
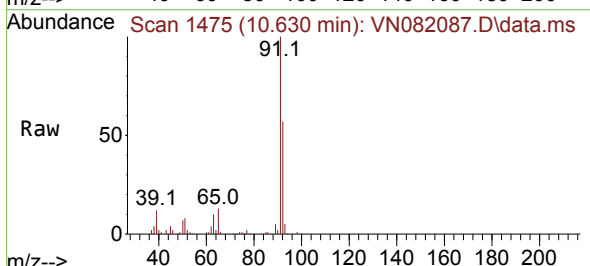
Acq: 13 May 2024 10:23

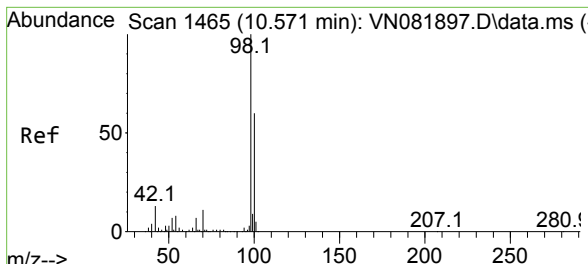
Tgt Ion: 91 Resp: 164680

Ion Ratio Lower Upper

91 100

92 57.4 46.5 69.7

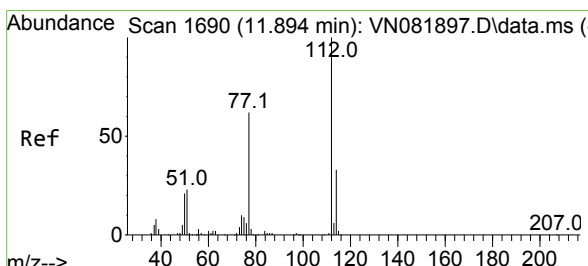
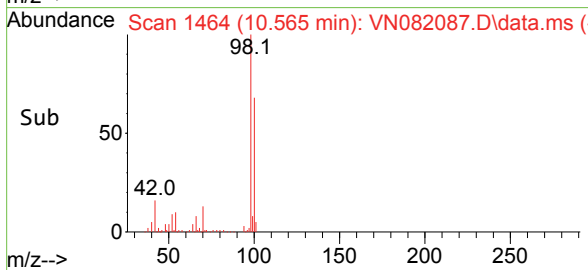
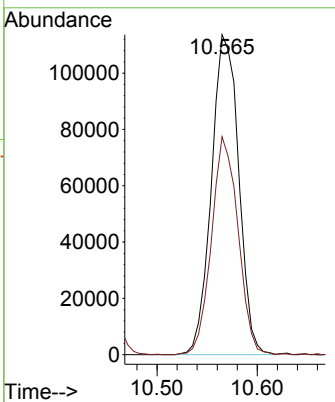
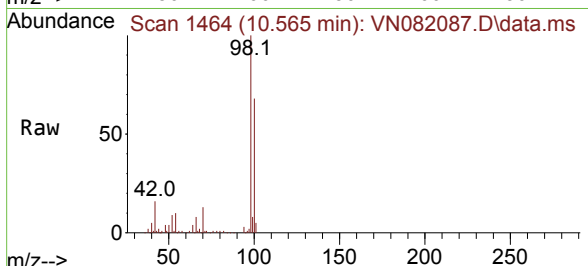




#63
Toluene-d8
Concen: 31.055 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

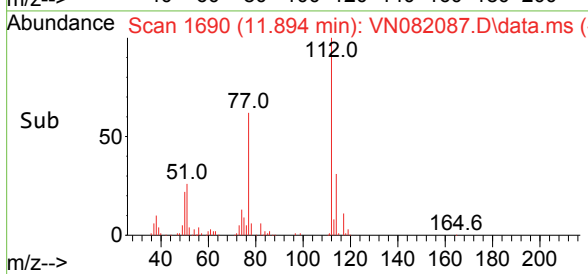
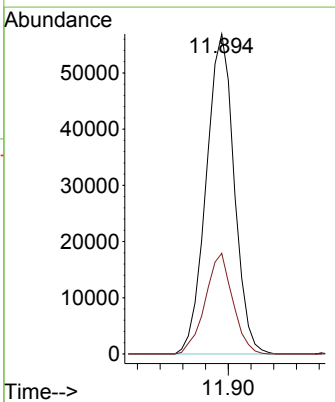
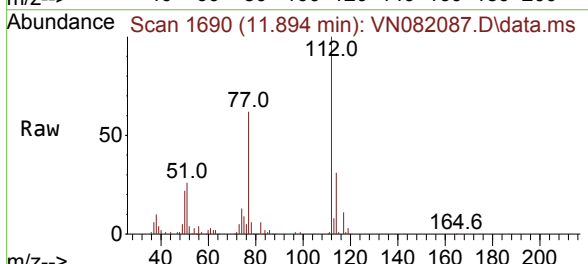
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

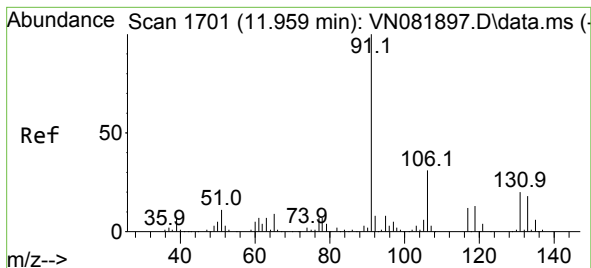
Tgt Ion: 98 Resp: 214439
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#64
Chlorobenzene
Concen: 19.466 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 112 Resp: 97406
Ion Ratio Lower Upper
112 100
114 31.5 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.018 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

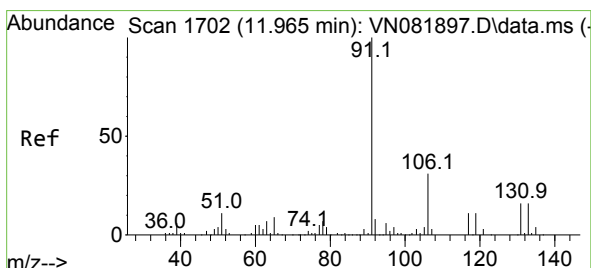
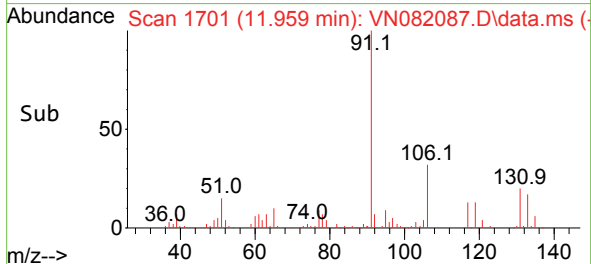
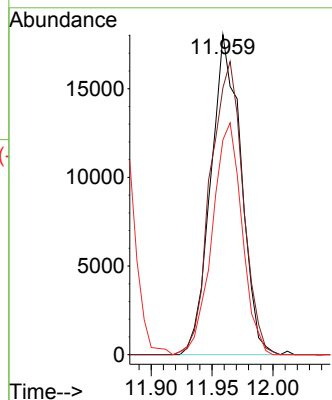
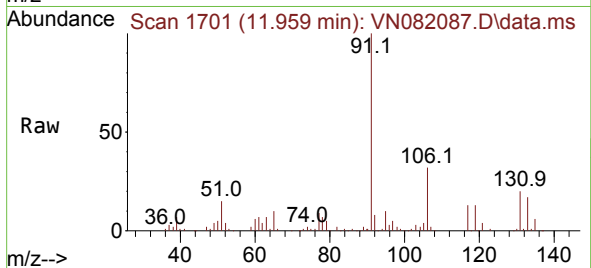
Tgt Ion:131 Resp: 31148

Ion Ratio Lower Upper

131 100

133 98.6 0.0 188.0

119 71.6 0.0 122.8



#66

Ethyl Benzene

Concen: 19.464 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN082087.D

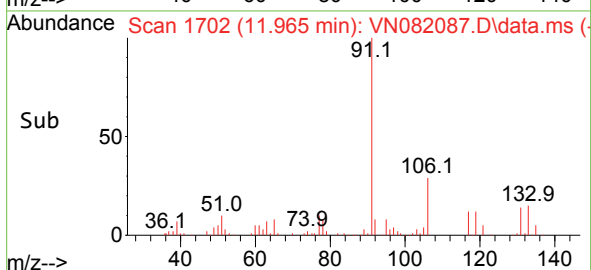
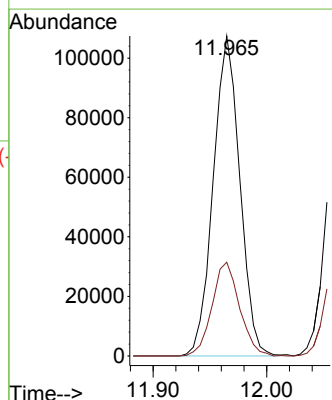
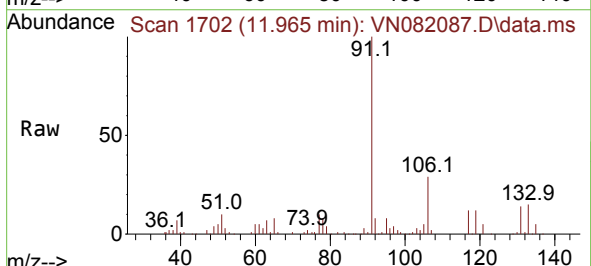
Acq: 13 May 2024 10:23

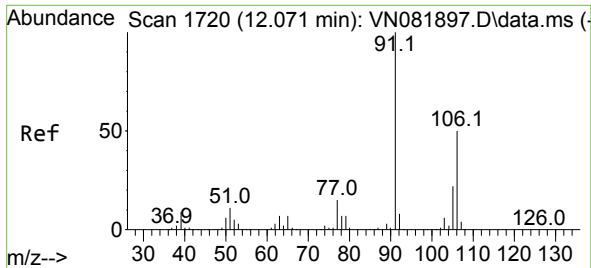
Tgt Ion: 91 Resp: 174550

Ion Ratio Lower Upper

91 100

106 29.3 24.4 36.6

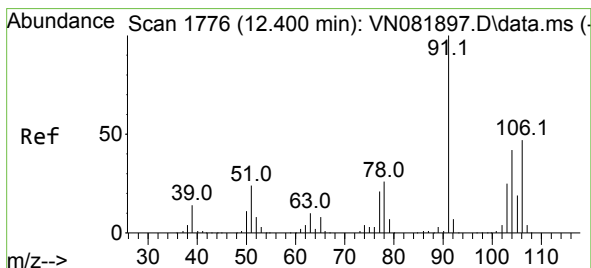
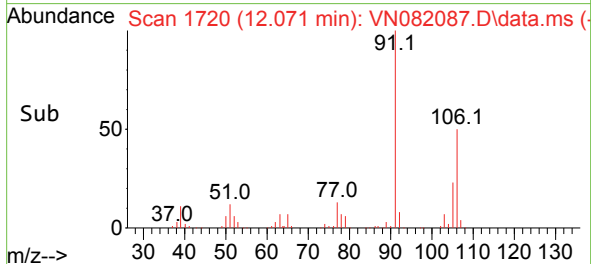
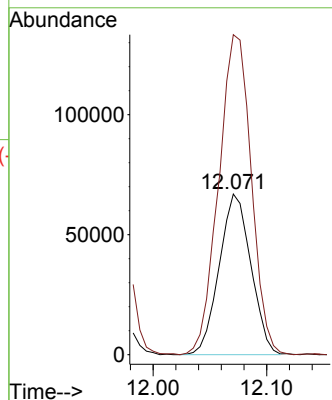
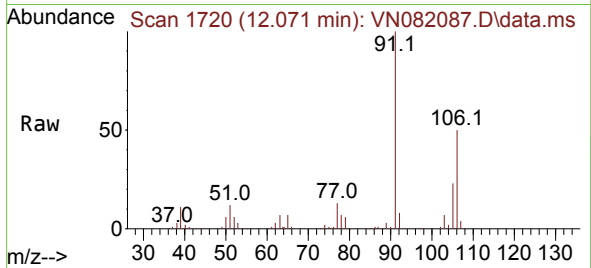




#67
m/p-Xylenes
Concen: 39.018 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

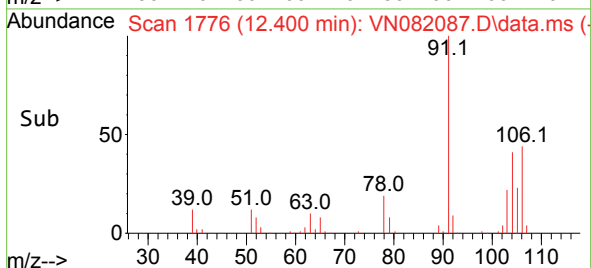
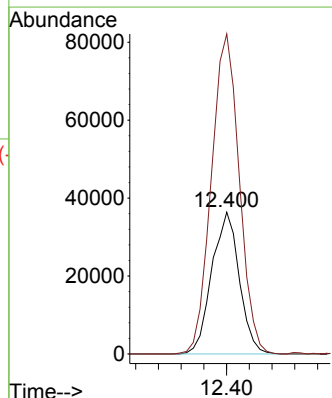
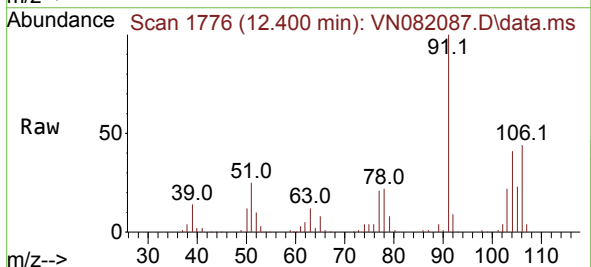
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

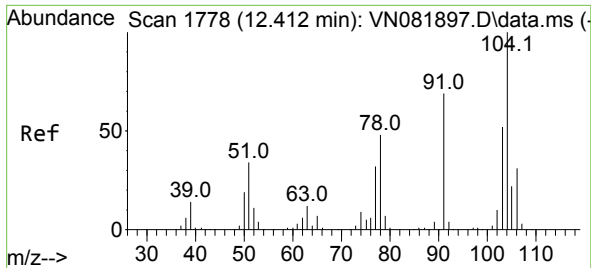
Tgt Ion:106 Resp: 129730
Ion Ratio Lower Upper
106 100
91 205.0 166.6 249.8



#68
o-Xylene
Concen: 18.586 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:106 Resp: 61139
Ion Ratio Lower Upper
106 100
91 229.0 110.0 330.0

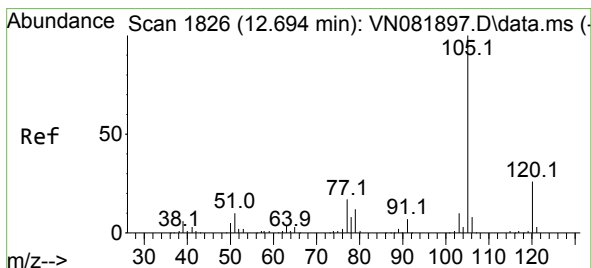
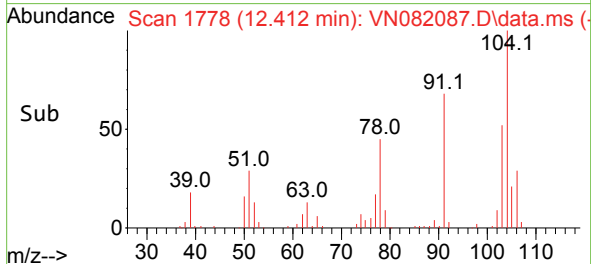
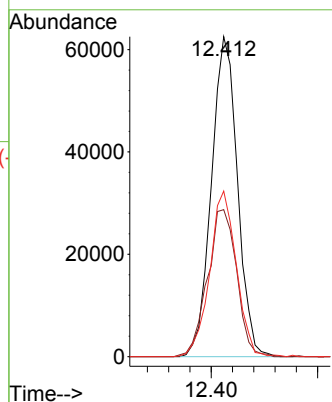
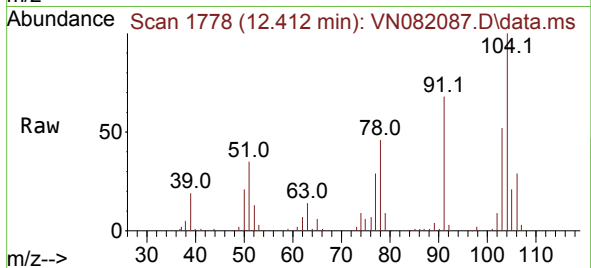




#69
Styrene
Concen: 19.207 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

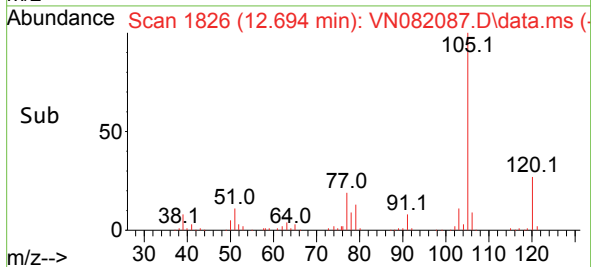
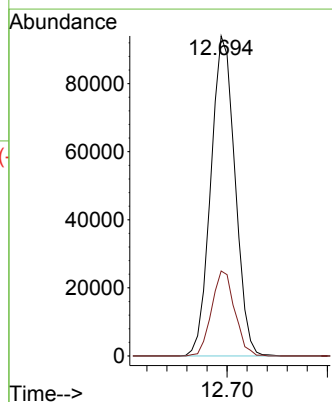
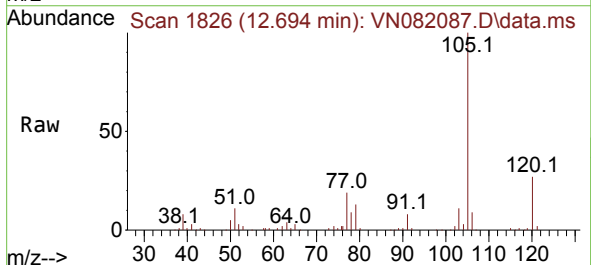
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

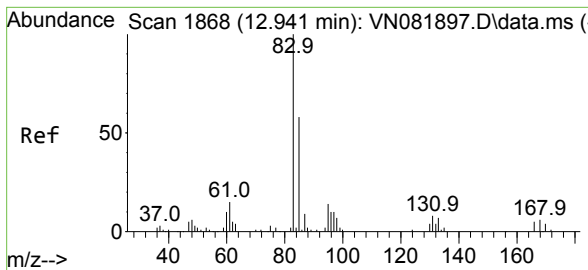
Tgt Ion:104 Resp: 106065
Ion Ratio Lower Upper
104 100
78 51.5 42.6 64.0
103 52.8 43.7 65.5



#70
Isopropylbenzene
Concen: 18.872 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:105 Resp: 157666
Ion Ratio Lower Upper
105 100
120 25.3 17.8 33.1

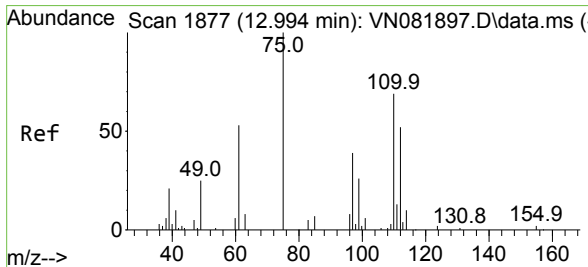
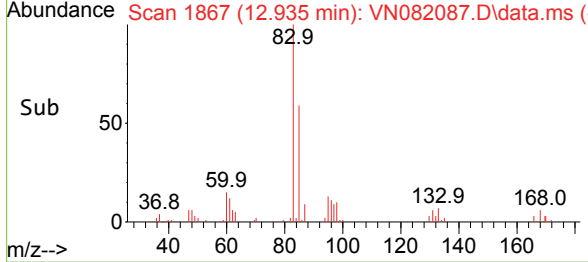
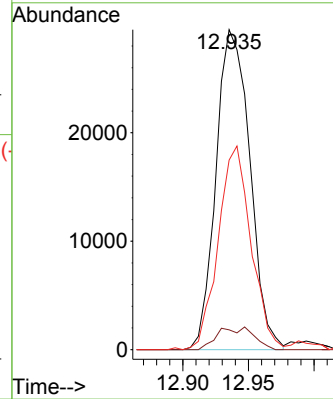
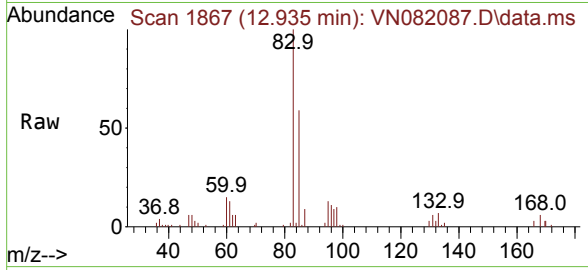




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.044 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN082087.D
 Acq: 13 May 2024 10:23

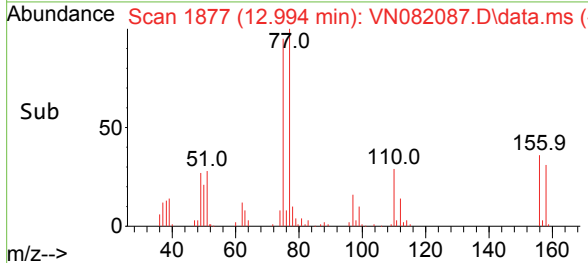
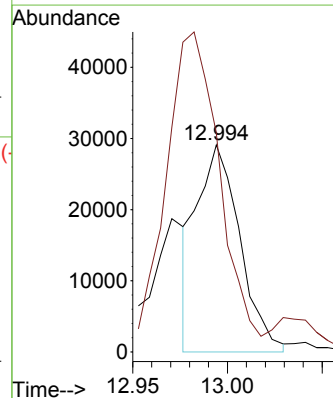
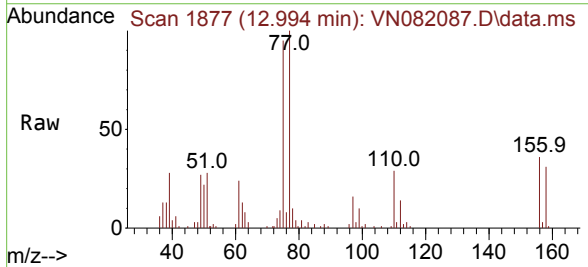
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

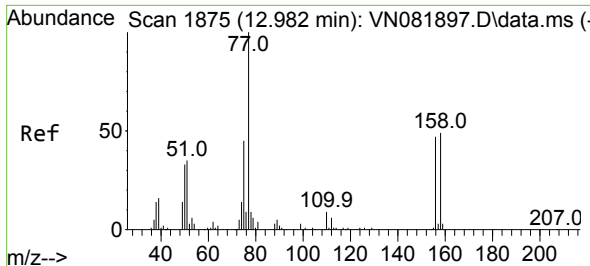
Tgt Ion: 83 Resp: 53000
 Ion Ratio Lower Upper
 83 100
 131 3.1 5.2 15.6#
 85 61.6 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 20.402 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN082087.D
 Acq: 13 May 2024 10:23

Tgt Ion: 75 Resp: 45857
 Ion Ratio Lower Upper
 75 100
 77 195.7 0.0 367.6

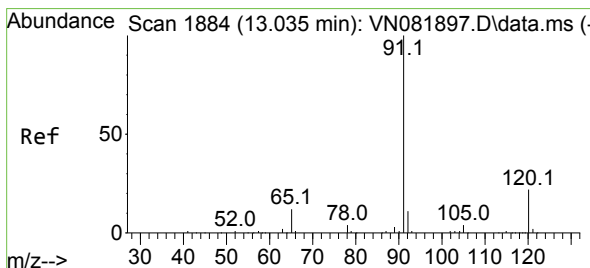
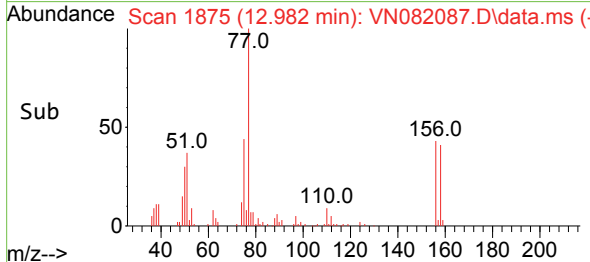
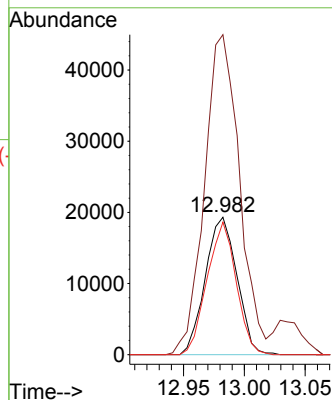
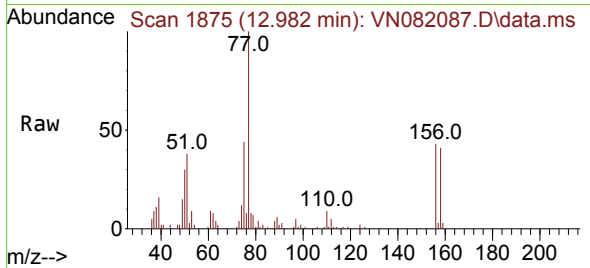




#73
Bromobenzene
Concen: 19.525 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

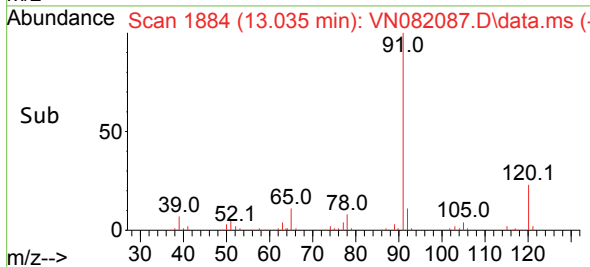
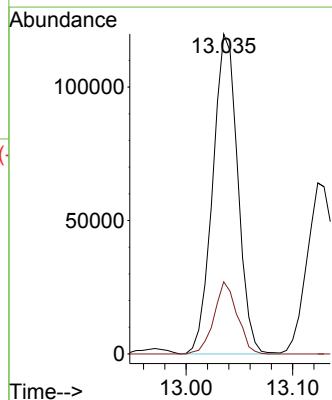
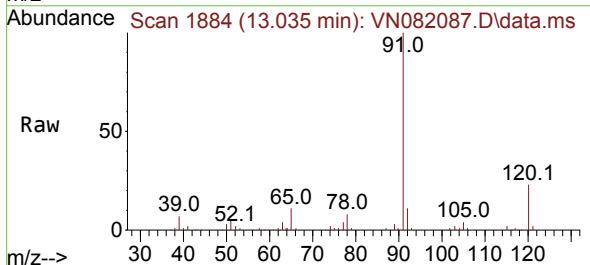
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

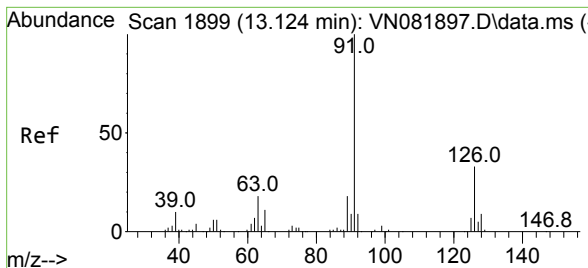
Tgt Ion:156 Resp: 34919
Ion Ratio Lower Upper
156 100
77 257.0 0.0 437.6
158 88.7 0.0 203.8



#74
n-propylbenzene
Concen: 19.815 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 91 Resp: 195311
Ion Ratio Lower Upper
91 100
120 20.8 0.0 43.8





#75

2-Chlorotoluene

Concen: 18.843 ug/l

RT: 13.124 min Scan# 114897

Delta R.T. 0.000 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

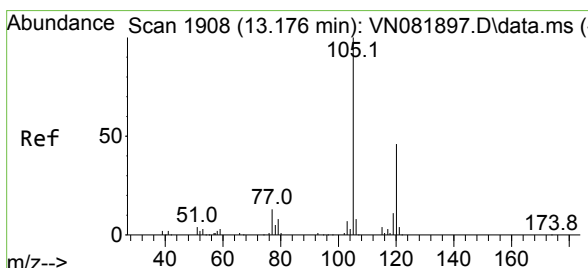
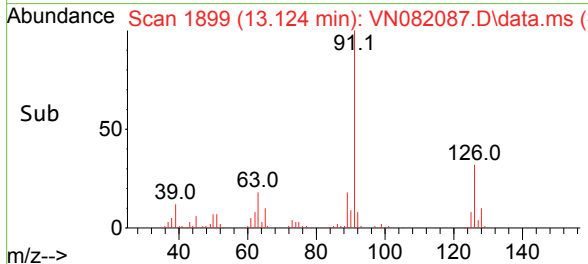
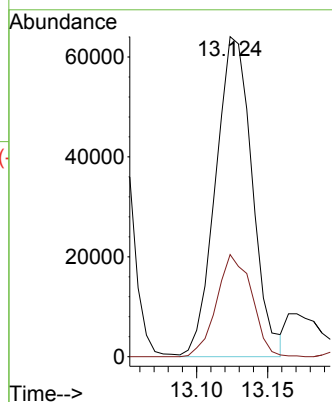
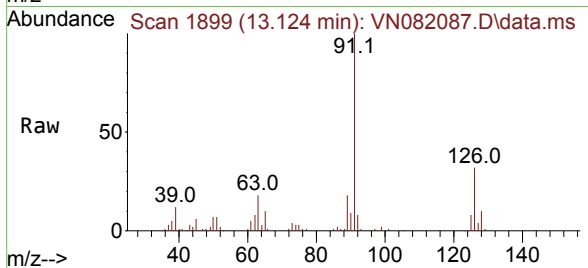
VSTDCCC020

Tgt Ion: 91 Resp: 114897

Ion Ratio Lower Upper

91 100

126 30.7 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 19.263 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082087.D

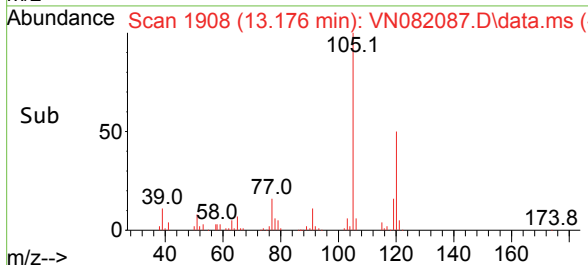
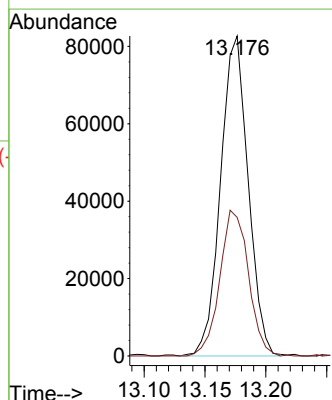
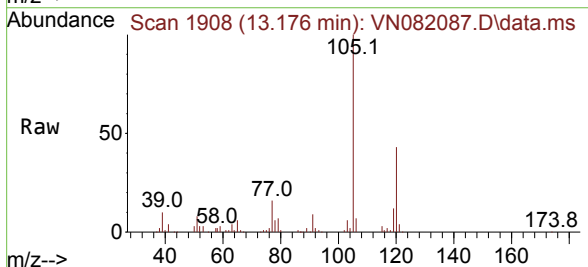
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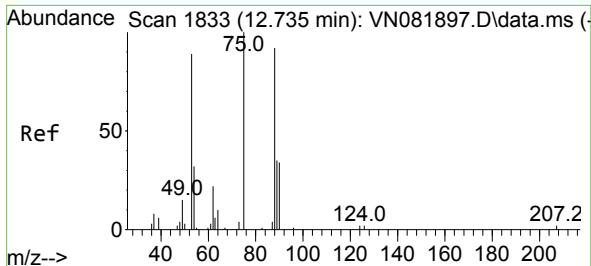
Tgt Ion:105 Resp: 130265

Ion Ratio Lower Upper

105 100

120 47.3 0.0 95.8

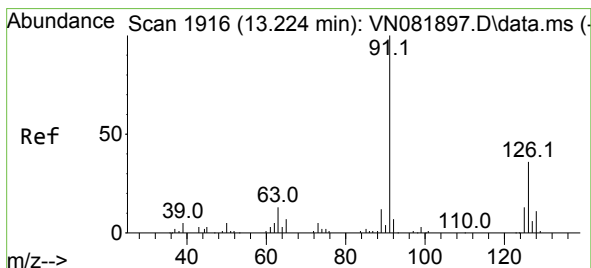
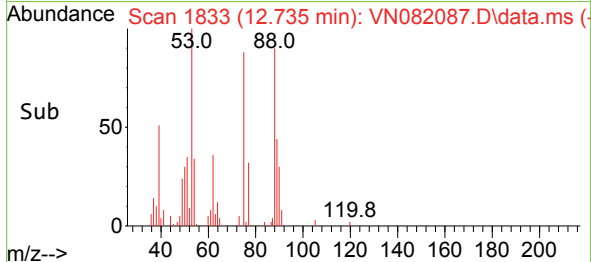
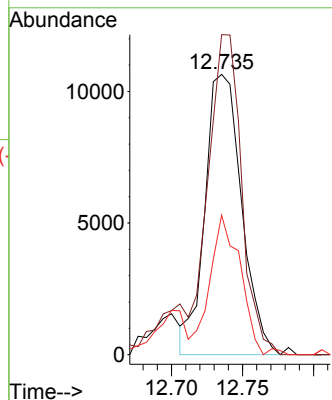
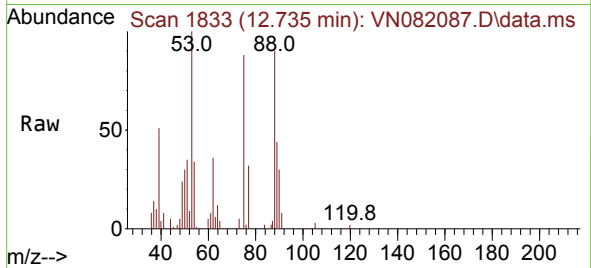




#77
t-1,4-Dichloro-2-butene
Concen: 19.105 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

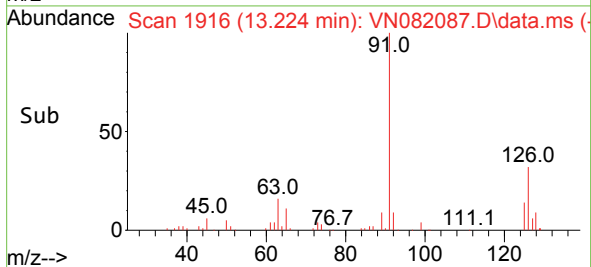
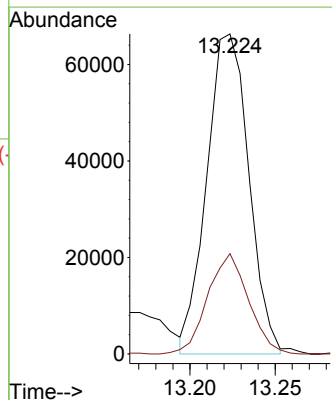
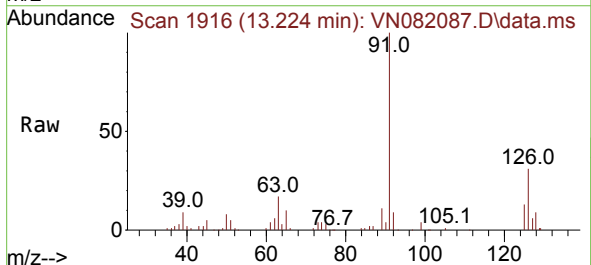
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

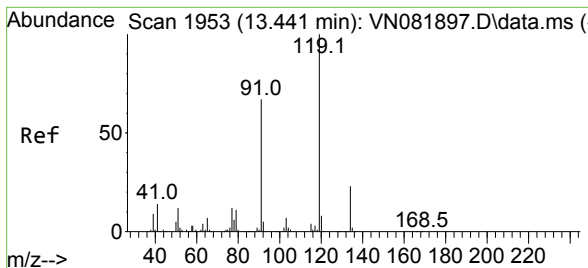
Tgt Ion:	75	Resp:	19113
Ion Ratio	Lower	Upper	
75	100		
53	114.1	45.9	137.7
89	48.3	25.9	77.7



#78
4-Chlorotoluene
Concen: 19.053 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:	91	Resp:	113817
Ion Ratio	Lower	Upper	
91	100		
126	30.4	0.0	62.8

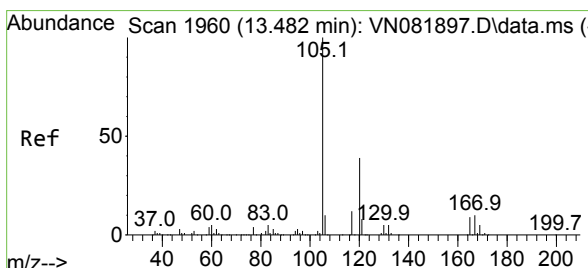
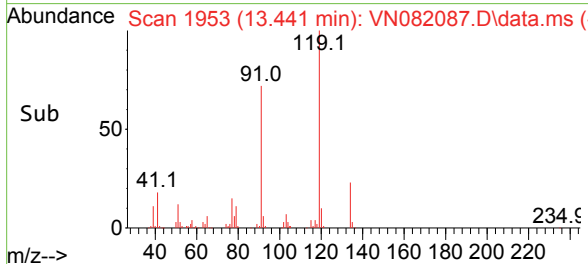
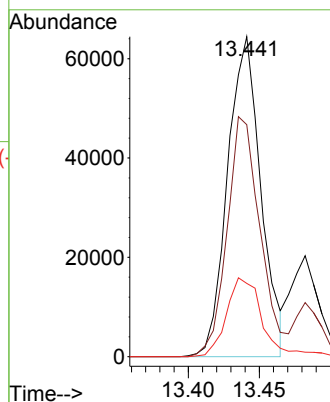
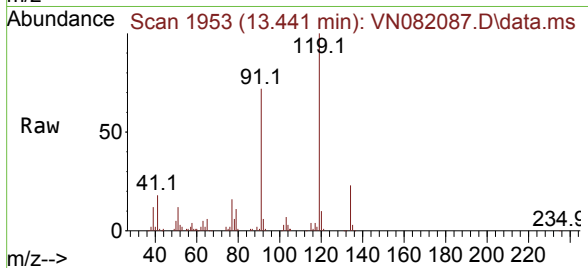




#79
tert-butylbenzene
Concen: 18.036 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

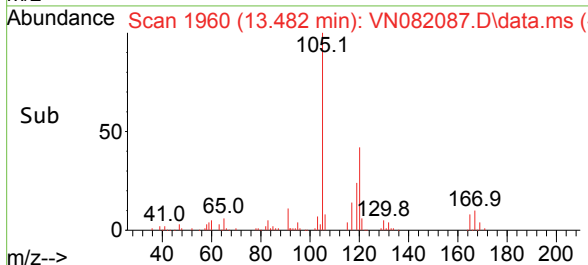
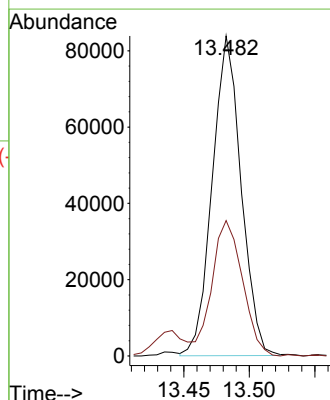
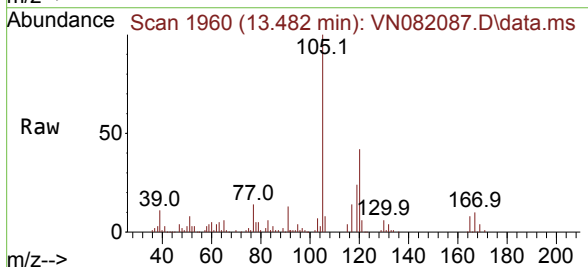
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

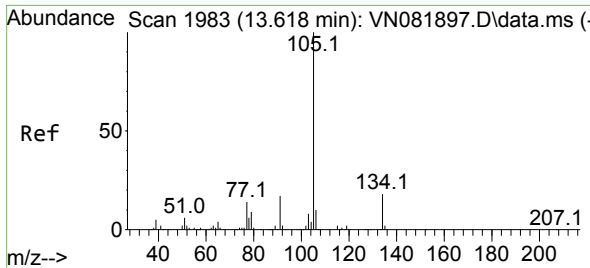
Tgt Ion:119 Resp: 105018
Ion Ratio Lower Upper
119 100
91 75.0 0.0 138.8
134 26.7 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 18.863 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:105 Resp: 128128
Ion Ratio Lower Upper
105 100
120 45.2 0.0 86.8

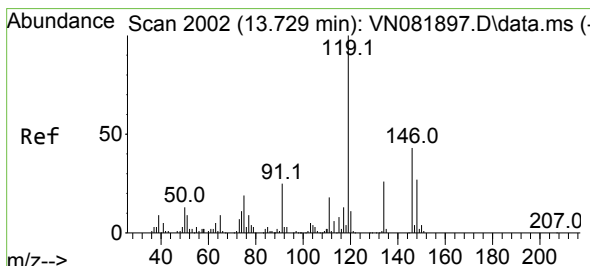
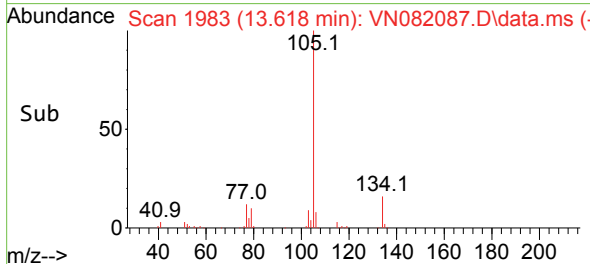
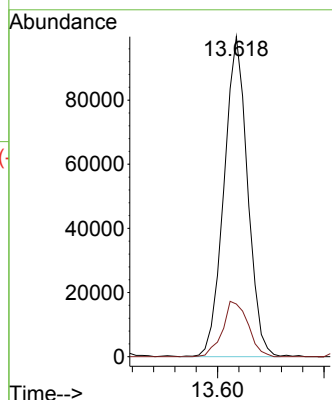
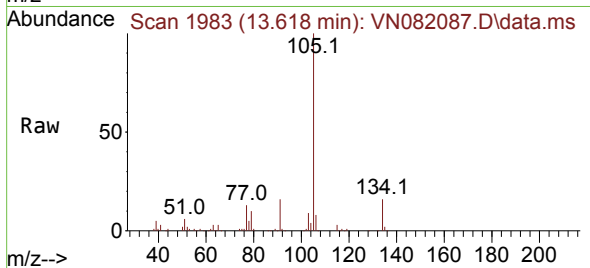




#81
sec-Butylbenzene
Concen: 18.790 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

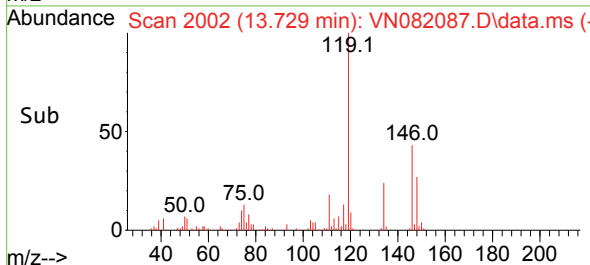
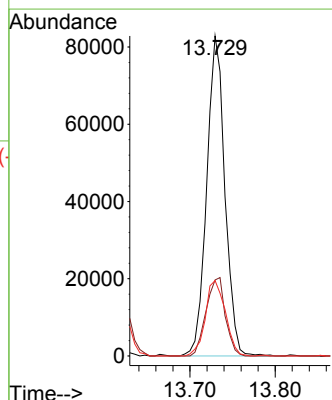
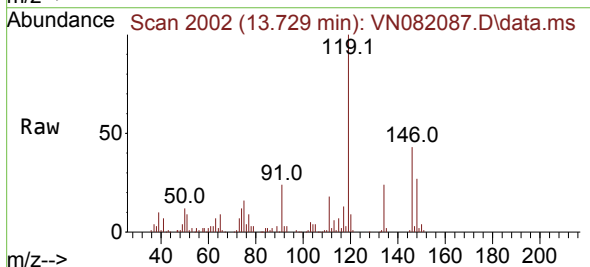
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MSVOA_N
ClientSampleId :
VSTDCCC020

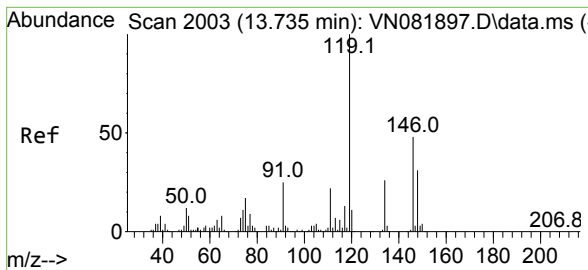
Tgt Ion:105 Resp: 153363
Ion Ratio Lower Upper
105 100
134 18.7 0.0 39.0



#82
p-Isopropyltoluene
Concen: 19.049 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:119 Resp: 122943
Ion Ratio Lower Upper
119 100
134 25.8 0.0 49.2
91 25.9 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.186 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

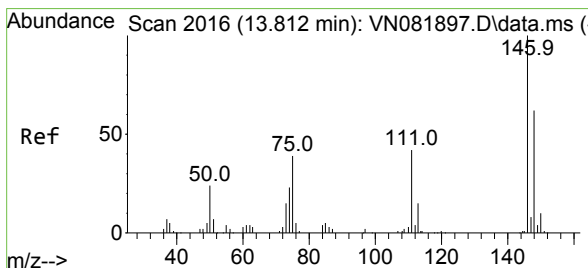
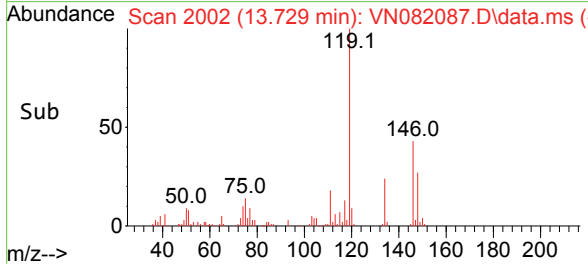
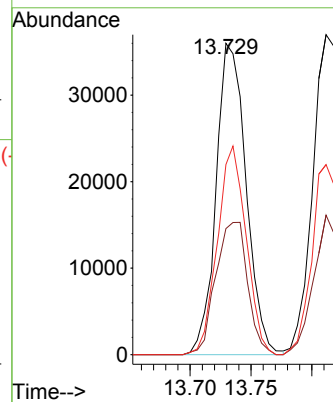
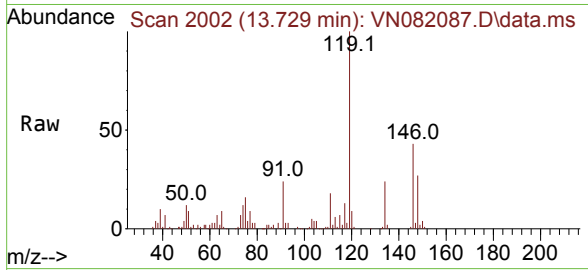
Tgt Ion:146 Resp: 61783

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

148 64.2 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 19.385 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082087.D

Acq: 13 May 2024 10:23

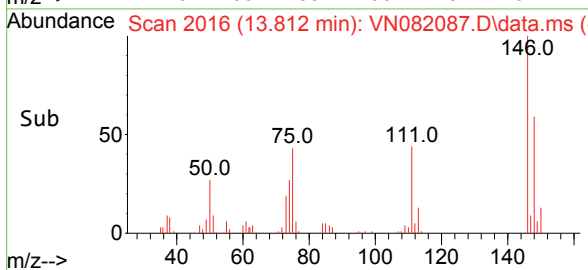
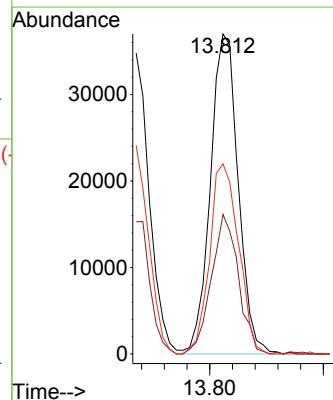
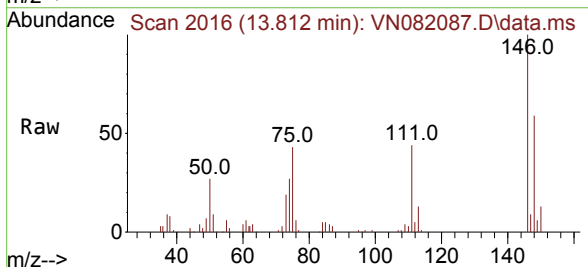
Tgt Ion:146 Resp: 62745

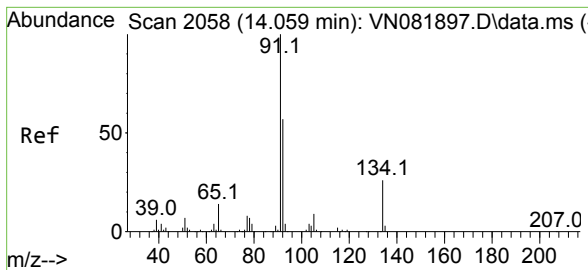
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

148 61.7 31.9 95.5

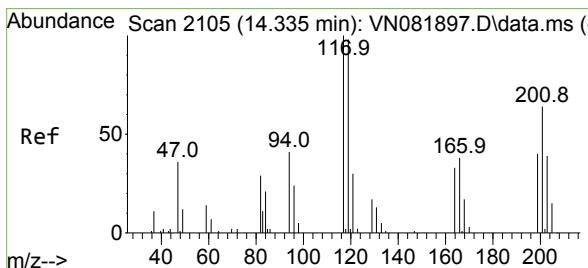
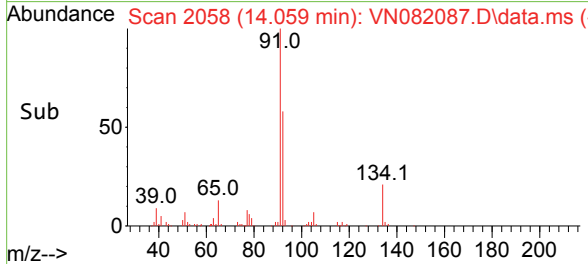
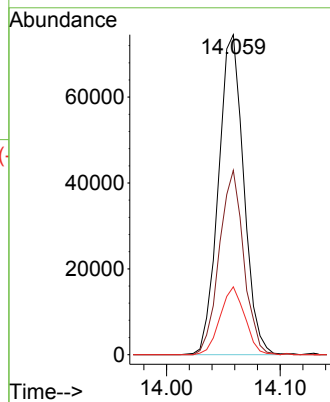
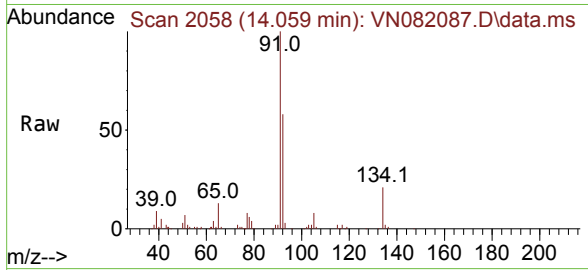




#85
n-Butylbenzene
Concen: 19.561 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

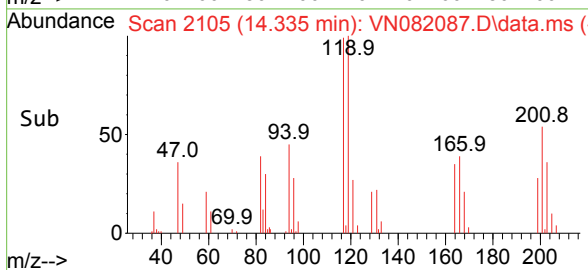
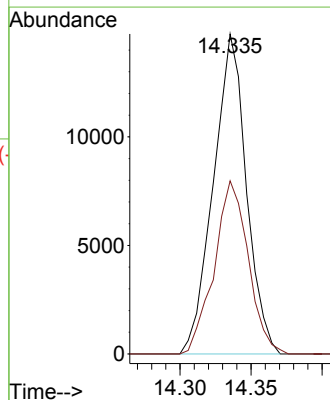
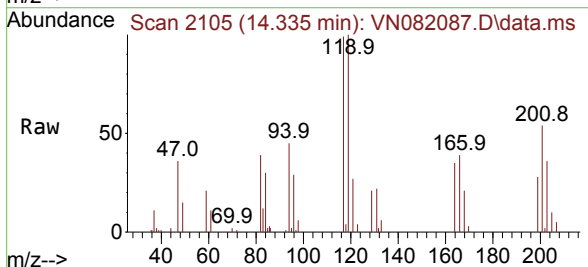
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

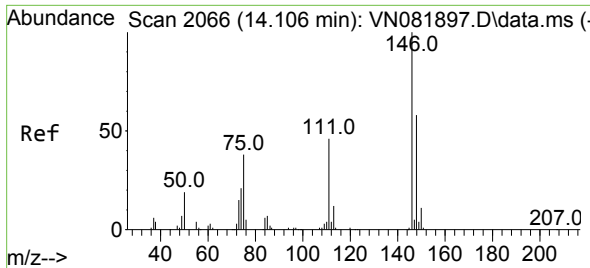
Tgt Ion: 91 Resp: 115318
Ion Ratio Lower Upper
91 100
92 55.7 0.0 105.0
134 20.7 0.0 51.8



#86
Hexachloroethane
Concen: 18.489 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 117 Resp: 23792
Ion Ratio Lower Upper
117 100
201 55.9 38.0 114.0

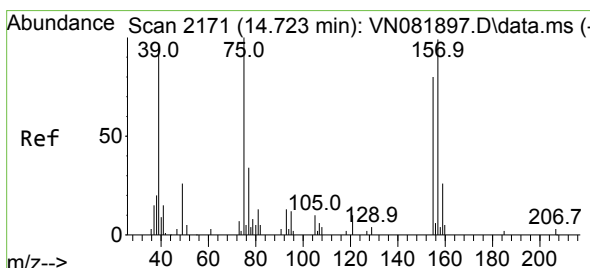
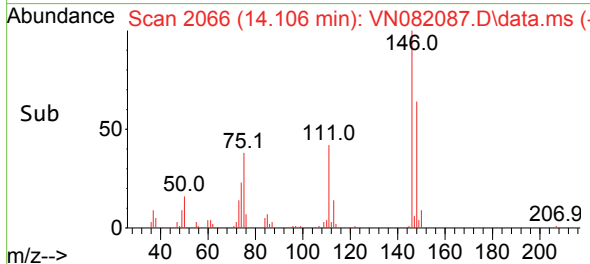
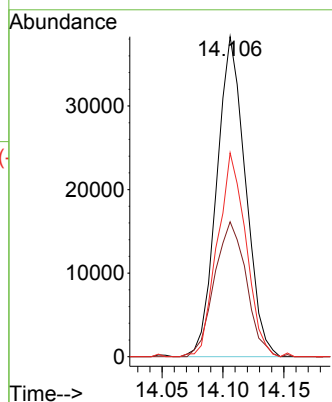
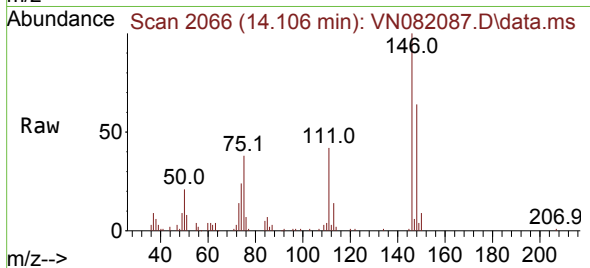




#87
1,2-Dichlorobenzene
Concen: 19.579 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

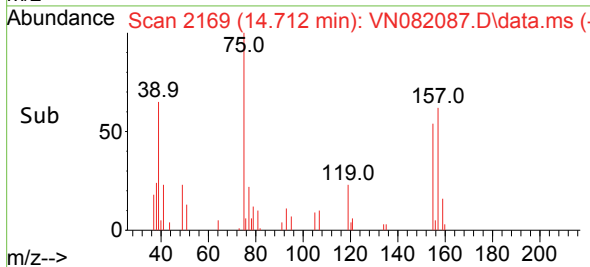
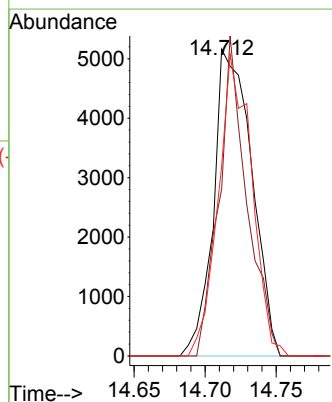
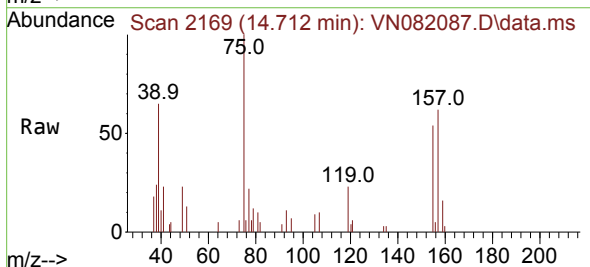
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

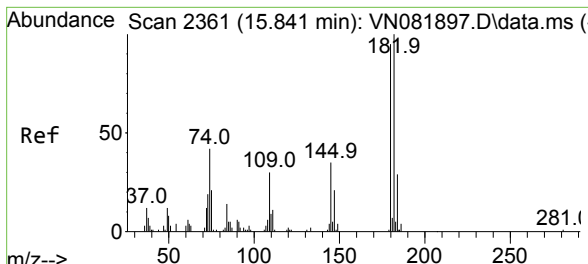
Tgt Ion:146 Resp: 62796
Ion Ratio Lower Upper
146 100
111 46.6 22.6 67.8
148 63.4 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.918 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion: 75 Resp: 9667
Ion Ratio Lower Upper
75 100
155 75.9 61.7 92.5
157 85.7 83.6 125.4

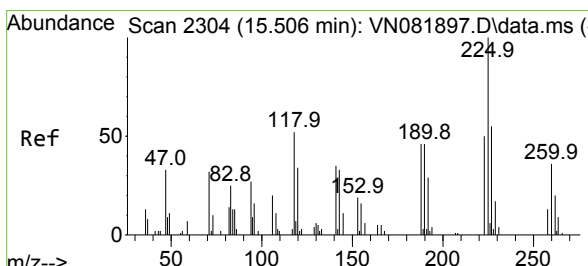
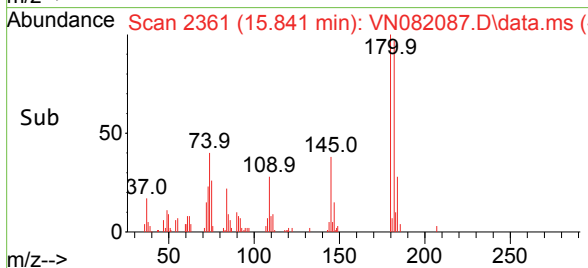
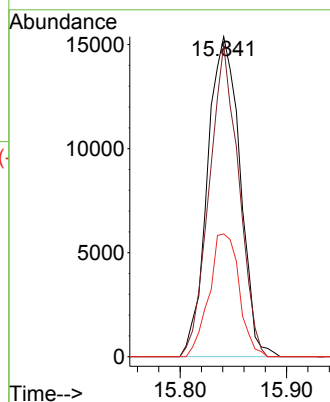
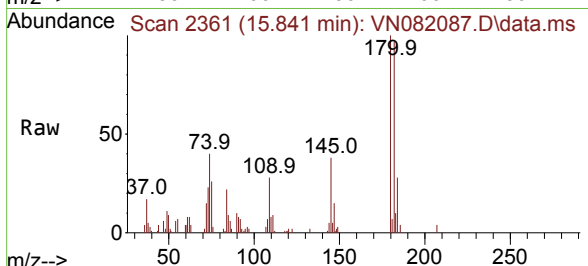




#89
 1,2,4-Trichlorobenzene
 Concen: 18.463 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN082087.D
 Acq: 13 May 2024 10:23

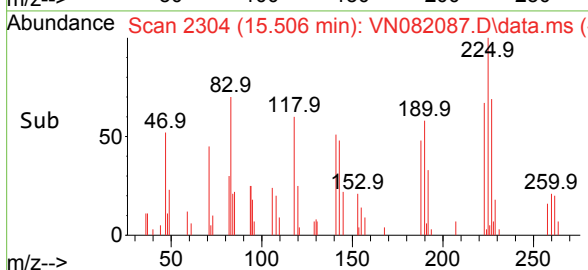
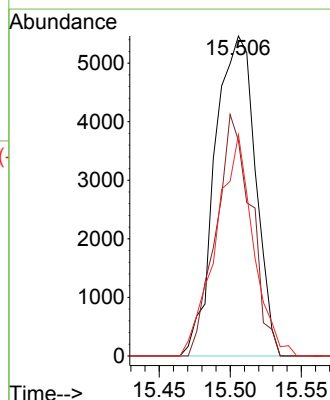
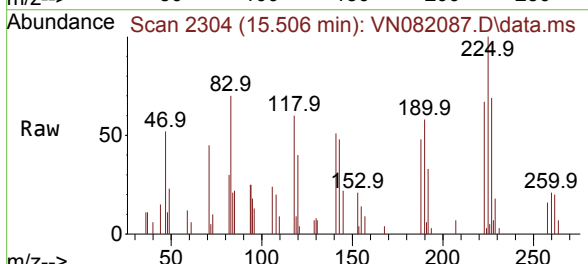
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

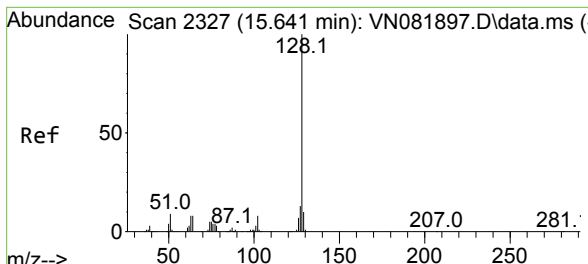
Tgt Ion:	180	Resp:	32606
Ion Ratio	Lower	Upper	
180	100		
182	88.1	76.4	114.6
145	35.5	28.4	42.6



#90
 Hexachlorobutadiene
 Concen: 16.578 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN082087.D
 Acq: 13 May 2024 10:23

Tgt Ion:	225	Resp:	10843
Ion Ratio	Lower	Upper	
225	100		
223	65.8	0.0	126.6
227	63.8	0.0	126.6

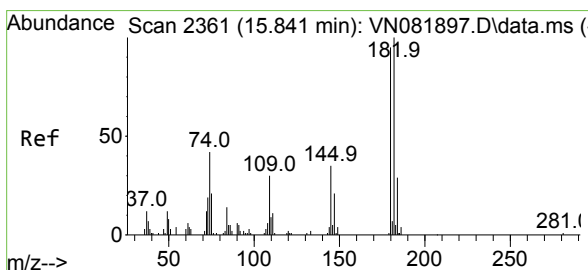
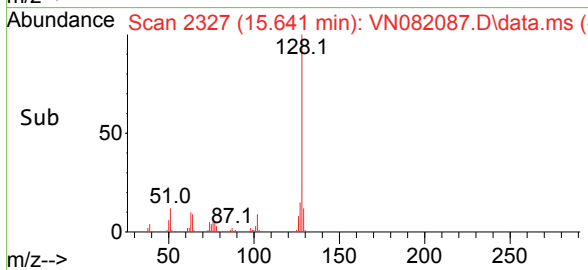
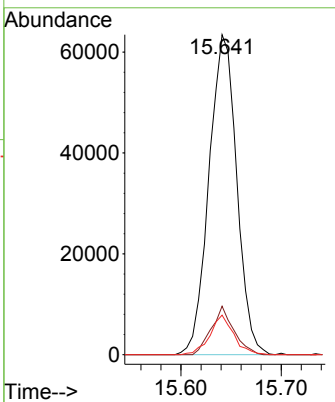
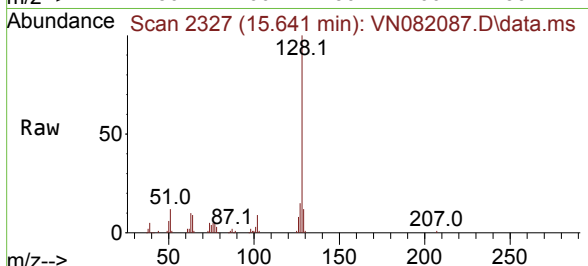




#91
Naphthalene
Concen: 18.186 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	128	Resp:	122089
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	10.6	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.463 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082087.D
Acq: 13 May 2024 10:23

Tgt Ion:	180	Resp:	32606
Ion	Ratio	Lower	Upper
180	100		
182	88.1	0.0	191.0
145	35.5	0.0	71.0

