

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072573.D
 Acq On : 20 May 2022 13:35
 Operator : JC\MD
 Sample : N2965-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31599

Quant Time: May 21 01:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	288956	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	426230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	363555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	150225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	244767	54.519	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 109.040%		
35) Dibromofluoromethane	8.022	113	163941	57.005	ug/l	0.01
Spiked Amount 50.000	Range	69 - 133	Recovery	= 114.000%		
50) Toluene-d8	10.439	98	575291	52.847	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 105.700%		
62) 4-Bromofluorobenzene	12.727	95	198461	47.994	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 95.980%		
Target Compounds						Qvalue
3) Chloromethane	2.304	50	1644	0.550	ug/l	# 43
6) Chloroethane	2.881	64	801	Below Cal	#	42
10) Methyl Iodide	4.440	142	1190	0.347	ug/l	# 67
11) Tert butyl alcohol	5.381	59	733	1.785	ug/l	# 72
16) Acetone	4.287	43	111621	82.020	ug/l	# 86
17) Carbon Disulfide	4.540	76	10733	1.758	ug/l	# 92
18) Methyl Acetate	4.845	43	352	0.372	ug/l	# 48
25) 2-Butanone	7.339	43	3388	1.583	ug/l	97
31) Cyclohexane	8.086	56	8360	1.675	ug/l	# 42
36) 1,1-Dichloropropene	8.086	75	22501	5.747	ug/l	# 50
37) Ethyl Acetate	7.339	43	3388	0.787	ug/l	# 71
38) Carbon Tetrachloride	8.081	117	31236	6.446	ug/l	# 16
39) Methylcyclohexane	9.457	83	3197	0.700	ug/l	95
40) Benzene	8.457	78	5558	0.486	ug/l	# 89
51) 4-Methyl-2-Pentanone	10.322	43	1995	0.437	ug/l	88
52) Toluene	10.498	92	56086	7.561	ug/l	97
53) t-1,3-Dichloropropene	10.498	75	964	0.203	ug/l	# 1
55) 1,1,2-Trichloroethane	10.874	97	973	0.302	ug/l	# 16
59) 2-Hexanone	11.086	43	3889	1.226	ug/l	69
67) Ethyl Benzene	11.839	91	40970	3.177	ug/l	99
68) m/p-Xylenes	11.945	106	55016	11.082	ug/l	90
69) o-Xylene	12.274	106	37263	7.368	ug/l	93
70) Styrene	12.274	104	3158	0.406	ug/l	# 1
73) Isopropylbenzene	12.569	105	8977	0.723	ug/l	94
74) N-amyl acetate	12.386	43	3371	0.815	ug/l	# 76
76) 1,2,3-Trichloropropane	12.727	75	113381	24.984	ug/l	# 1
78) n-propylbenzene	12.916	91	25745	1.895	ug/l	97
79) 2-Chlorotoluene	13.110	91	1906	0.209	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	43017	3.994	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.727	75	113381	104.157	ug/l	# 11
82) 4-Chlorotoluene	13.110	91	1906	0.225	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	124225	12.023	ug/l	95
85) sec-Butylbenzene	13.498	105	10796	0.909	ug/l	96
86) p-Isopropyltoluene	13.610	119	8447	0.865	ug/l	89
87) 1,3-Dichlorobenzene	13.616	146	1240	0.238	ug/l	# 65
88) 1,4-Dichlorobenzene	13.686	146	1577	0.311	ug/l	# 1

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

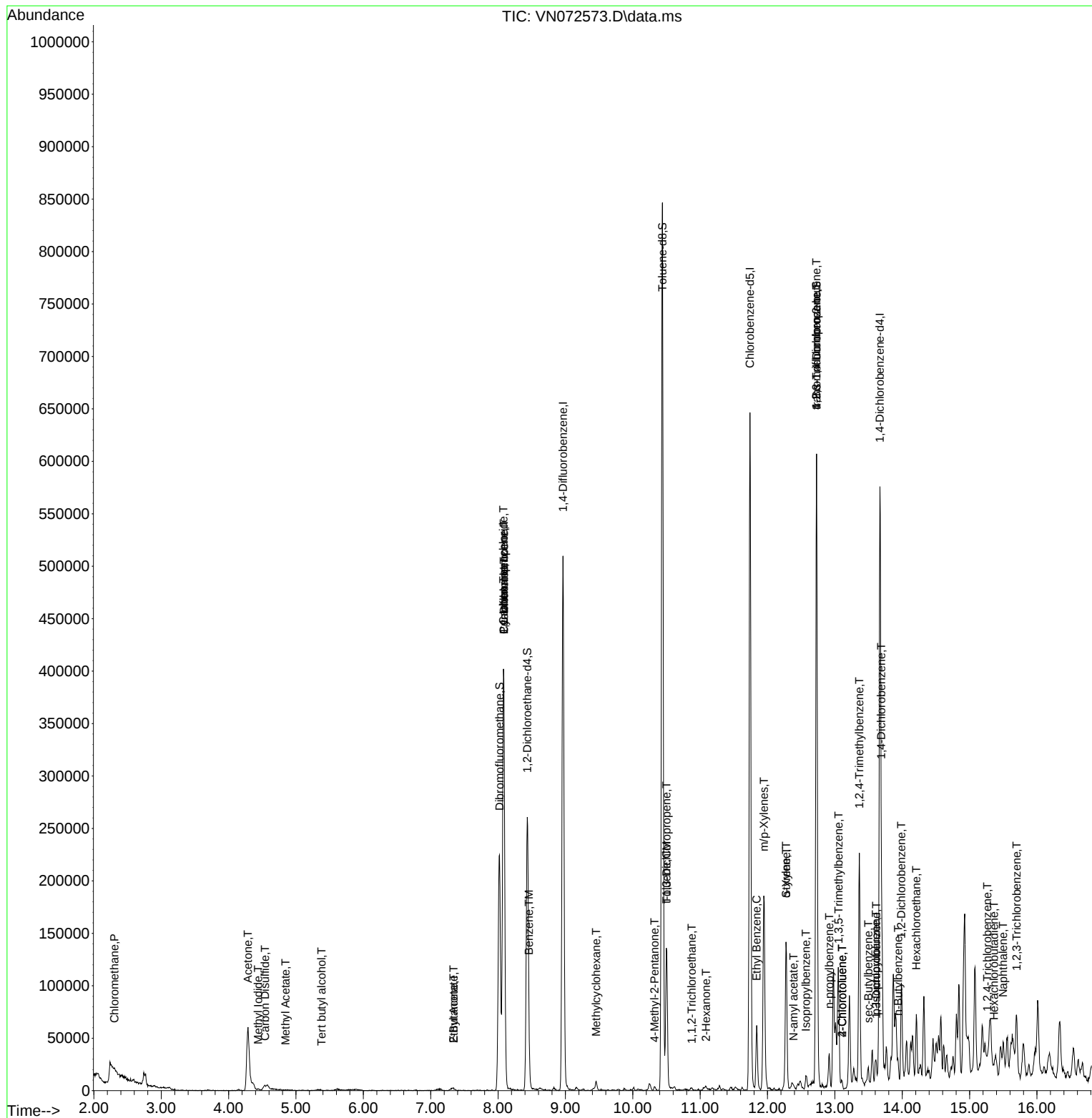
89) n-Butylbenzene	13.939	91	9084	1.228	ug/l #	63
90) Hexachloroethane	14.210	117	3692	2.112	ug/l #	10
91) 1,2-Dichlorobenzene	13.986	146	1396	0.267	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.262	180	3110	1.362	ug/l #	87
94) Hexachlorobutadiene	15.362	225	530	0.370	ug/l #	27
95) Naphthalene	15.498	128	30430	4.598	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.698	180	3878	1.646	ug/l #	57

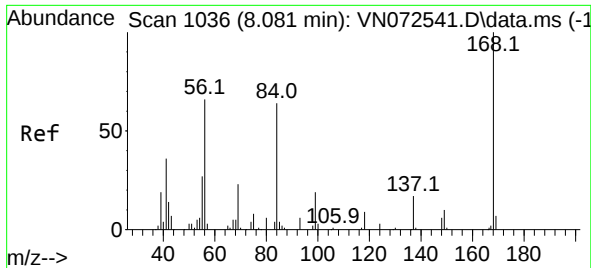
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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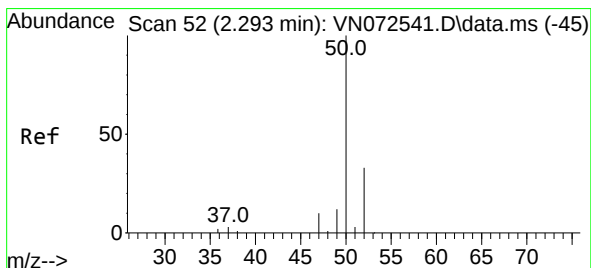
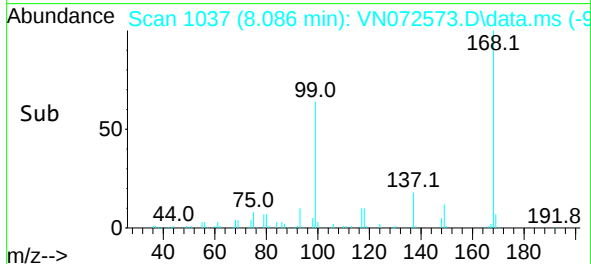
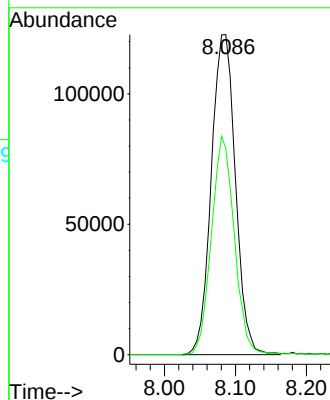
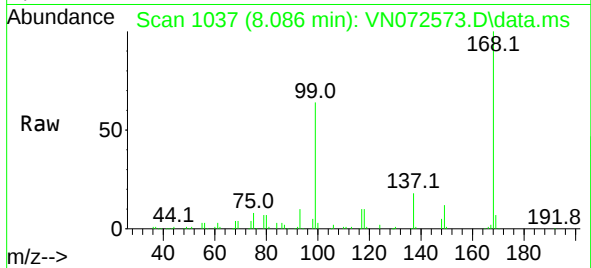




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

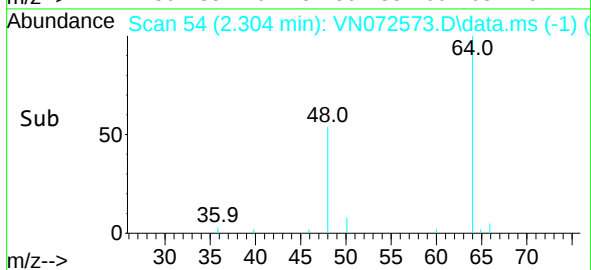
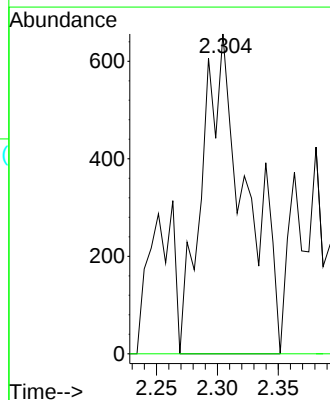
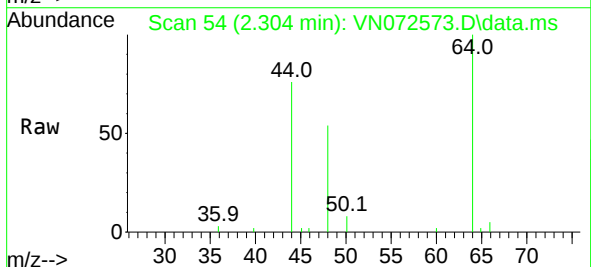
Instrument :
MSVOA_N
ClientSampleId :
31599

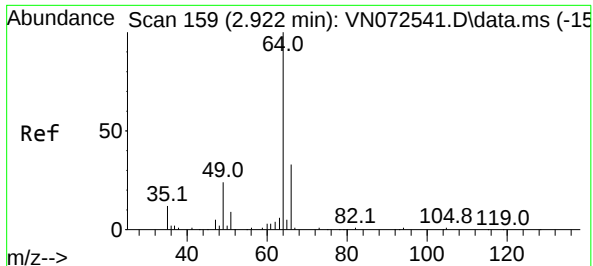
Tgt Ion:168 Resp: 288956
Ion Ratio Lower Upper
168 100
99 64.5 42.3 63.5#



#3
Chloromethane
Concen: 0.550 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.011 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 50 Resp: 1644
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

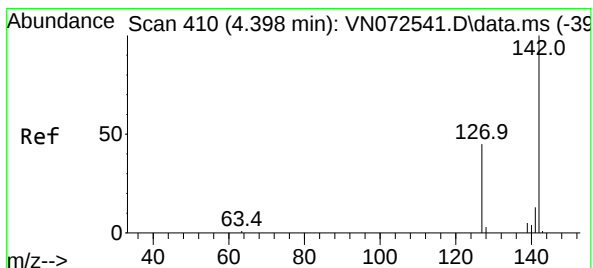
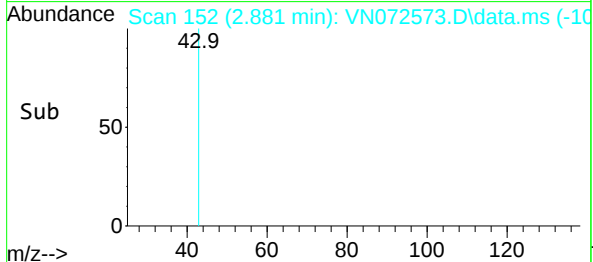
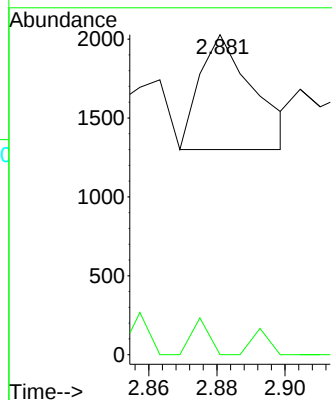
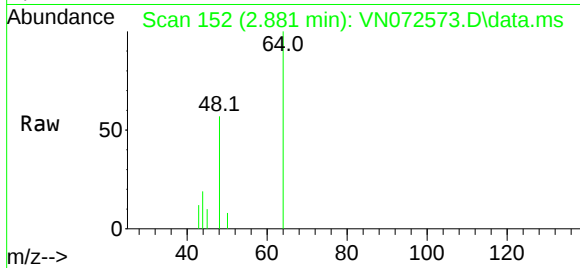




#6
Chloroethane
Concen: Below Cal
RT: 2.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

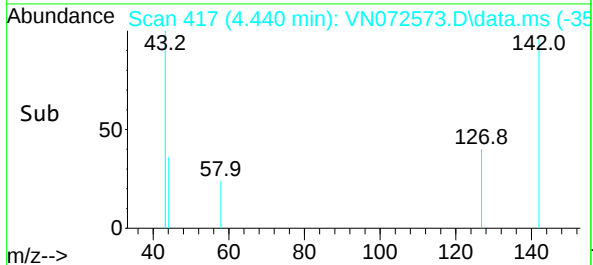
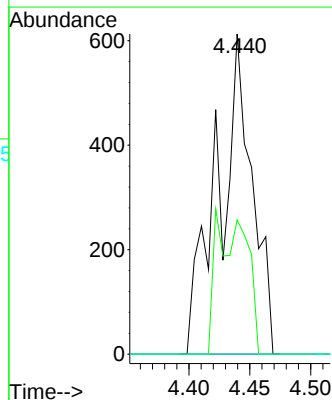
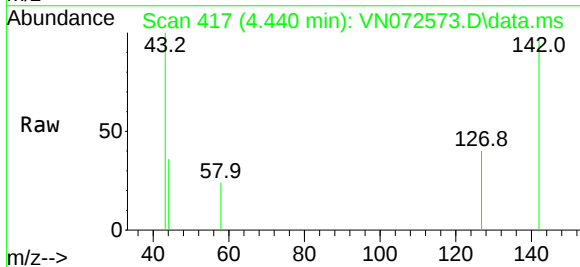
Instrument :
MSVOA_N
ClientSampleId :
31599

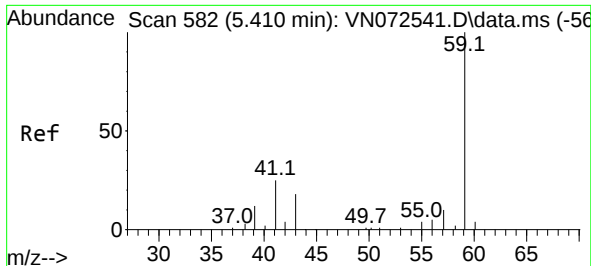
Tgt Ion: 64 Resp: 801
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.347 ug/l
RT: 4.440 min Scan# 417
Delta R.T. 0.042 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 142 Resp: 1190
Ion Ratio Lower Upper
142 100
127 19.4 31.3 46.9#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 1.785 ug/l

RT: 5.381 min Scan# 51

Delta R.T. -0.029 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

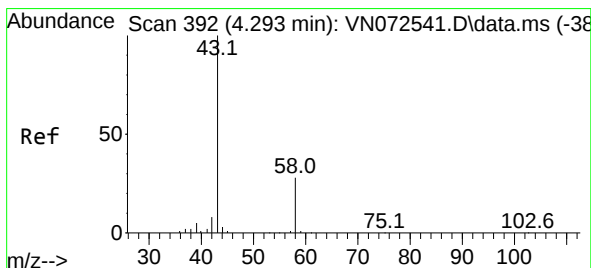
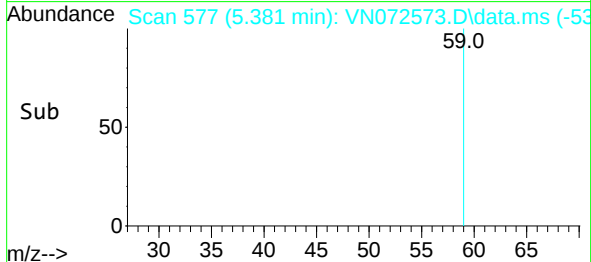
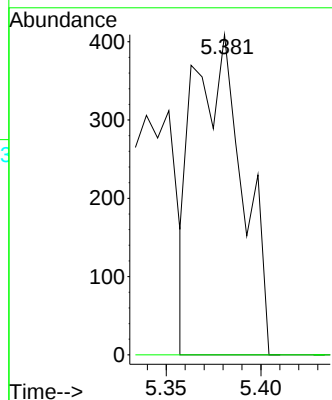
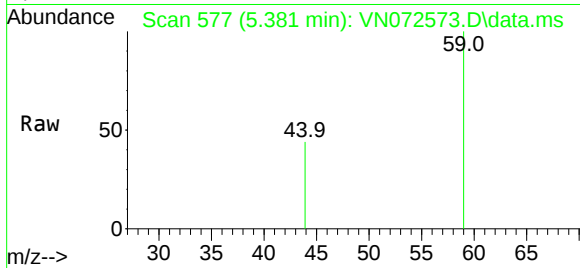
31599

Tgt Ion: 59 Resp: 733

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 82.020 ug/l

RT: 4.287 min Scan# 391

Delta R.T. -0.006 min

Lab File: VN072573.D

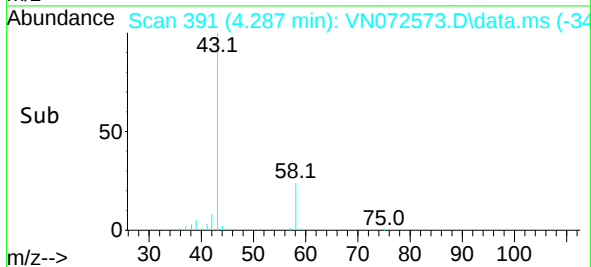
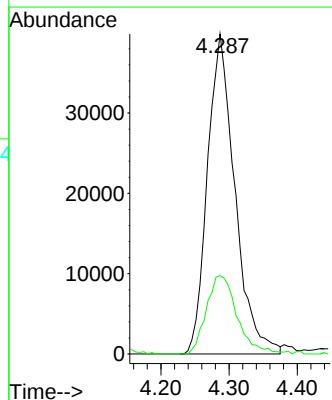
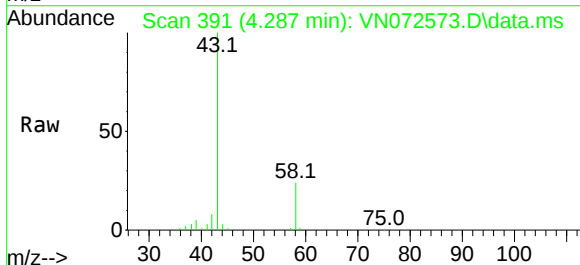
Acq: 20 May 2022 13:35

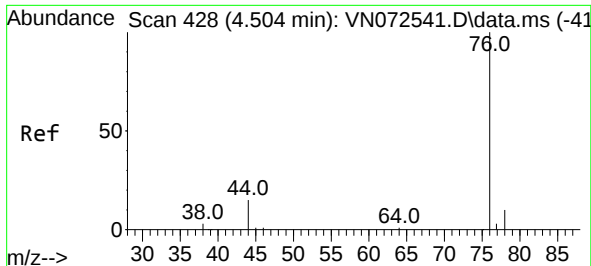
Tgt Ion: 43 Resp: 111621

Ion Ratio Lower Upper

43 100

58 24.5 26.0 39.0#

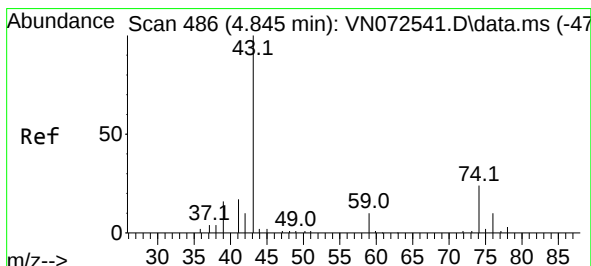
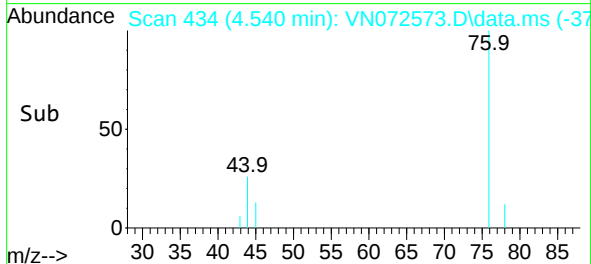
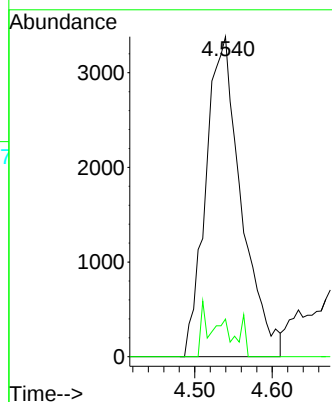
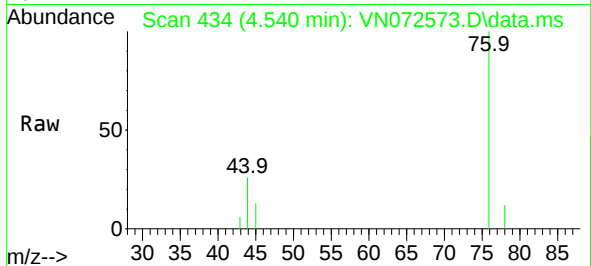




#17
Carbon Disulfide
Concen: 1.758 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.036 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

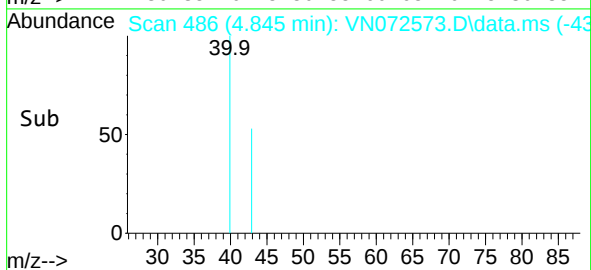
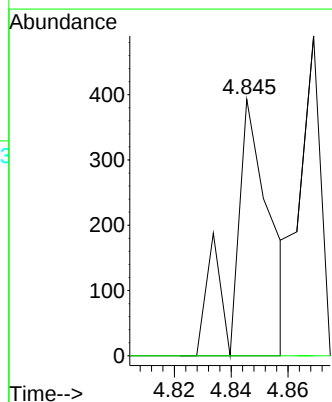
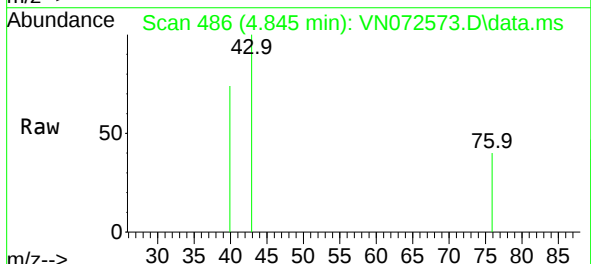
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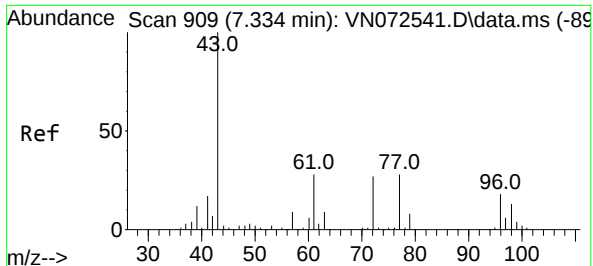
Tgt Ion: 76 Resp: 10733
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#



#18
Methyl Acetate
Concen: 0.372 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 1.583 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.005 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

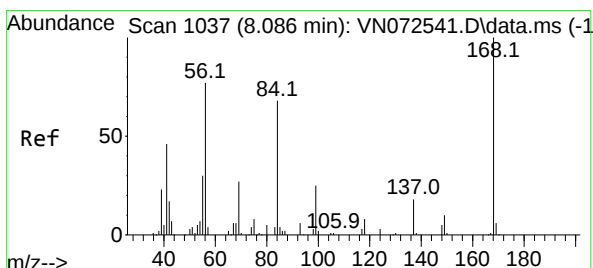
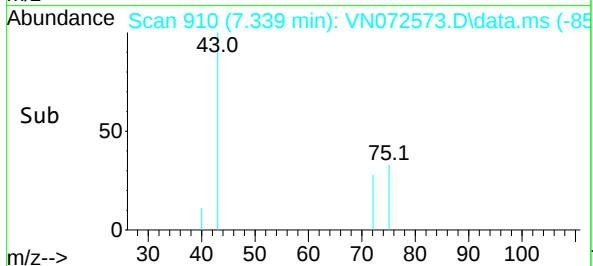
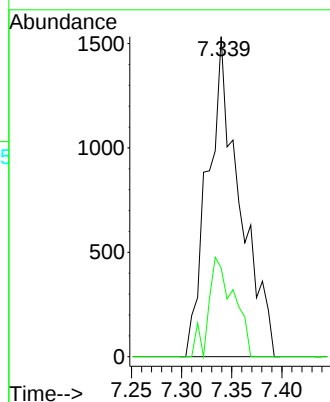
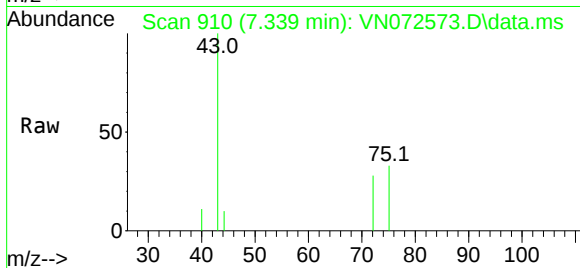
31599

Tgt Ion: 43 Resp: 3388

Ion Ratio Lower Upper

43 100

72 27.7 23.7 35.5



#31

Cyclohexane

Concen: 1.675 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

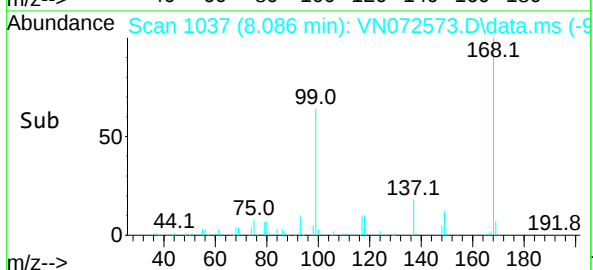
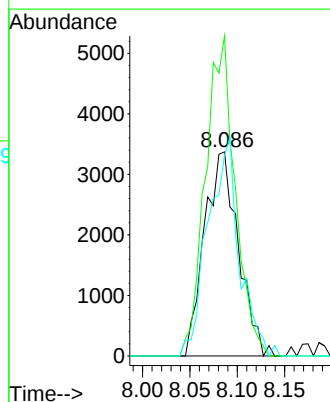
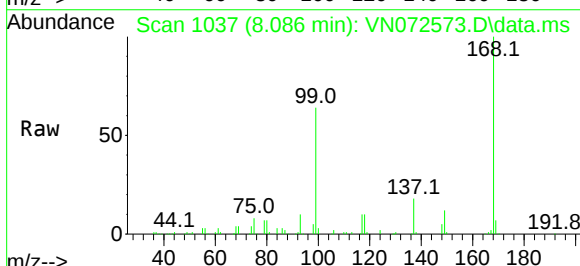
Tgt Ion: 56 Resp: 8360

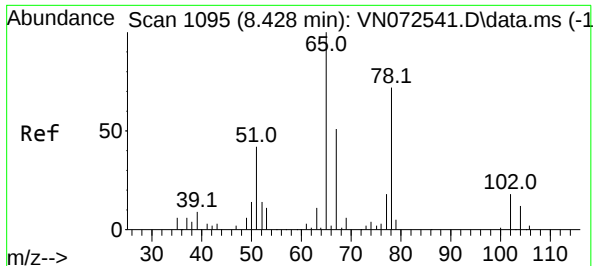
Ion Ratio Lower Upper

56 100

69 156.9 27.8 41.8#

84 98.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 54.519 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.005 min

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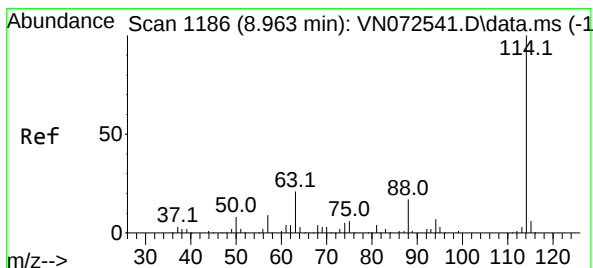
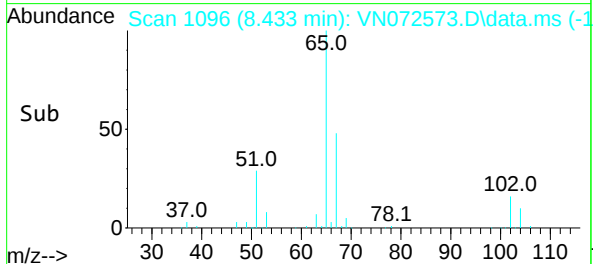
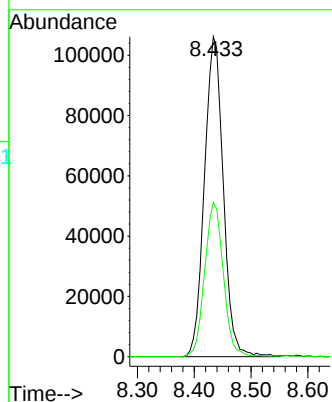
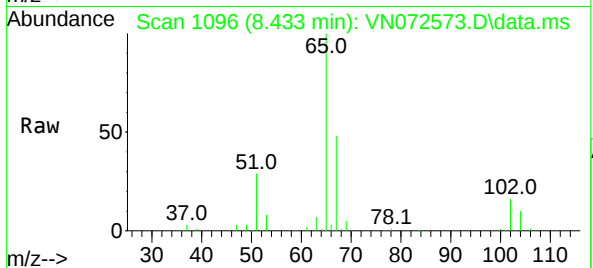
31599

Tgt Ion: 65 Resp: 244767

Ion Ratio Lower Upper

65 100

67 47.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

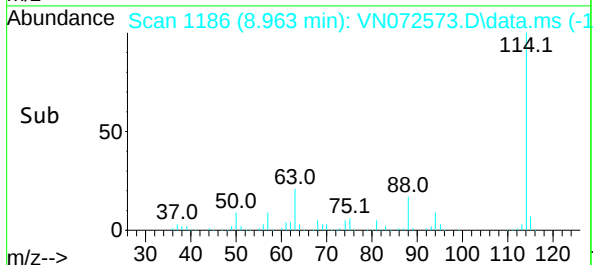
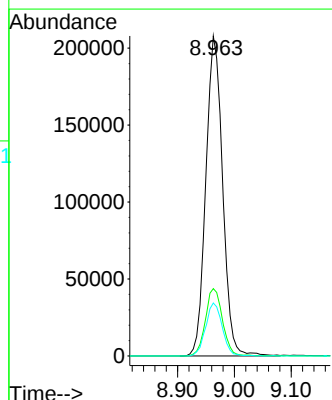
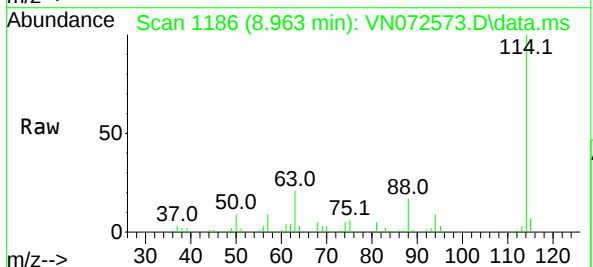
Tgt Ion: 114 Resp: 426230

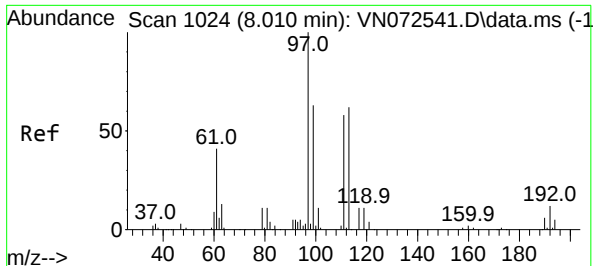
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.005 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.012 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

31599

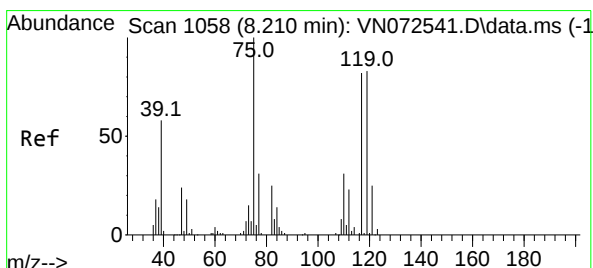
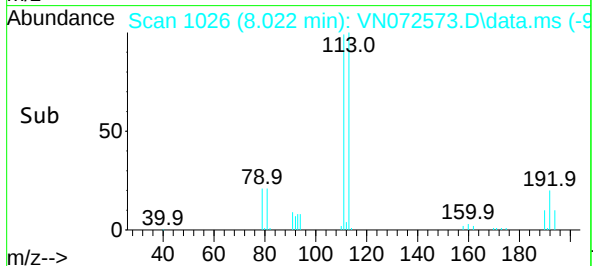
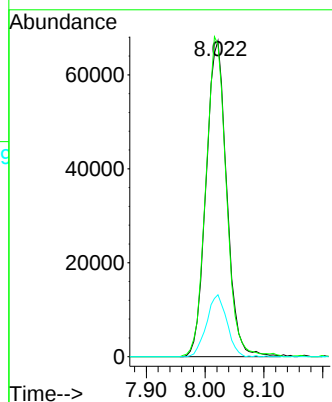
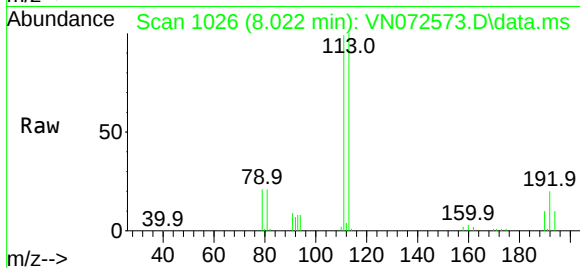
Tgt Ion:113 Resp: 163941

Ion Ratio Lower Upper

113 100

111 99.8 81.4 122.0

192 19.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.747 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.124 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

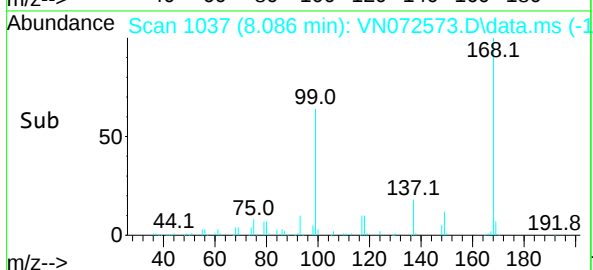
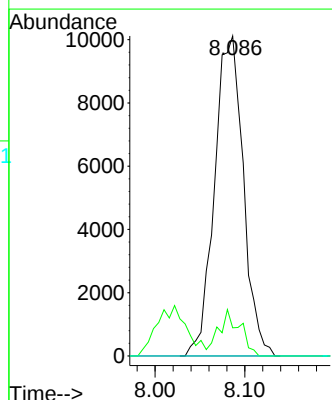
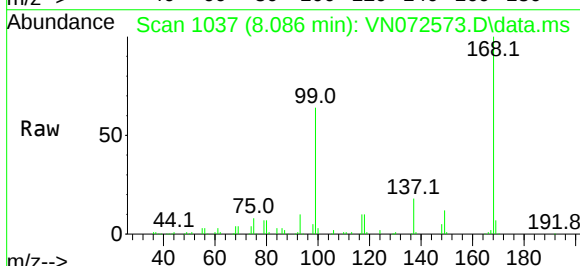
Tgt Ion: 75 Resp: 22501

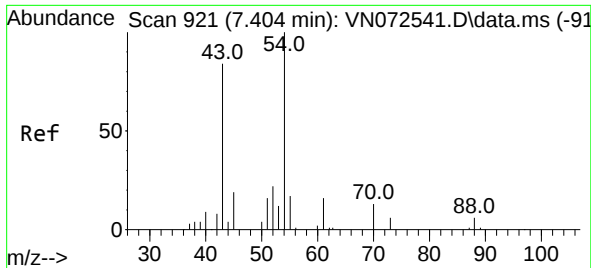
Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

77 0.0 25.1 37.7#

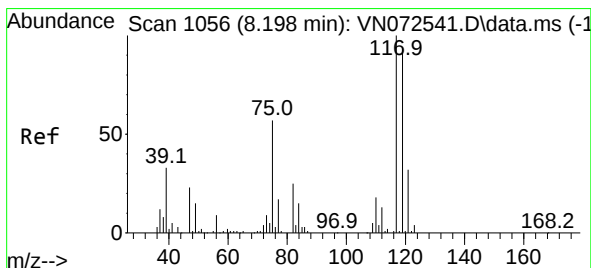
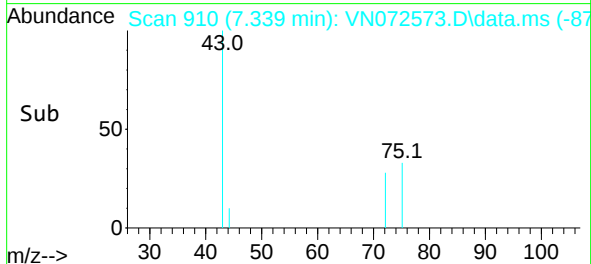
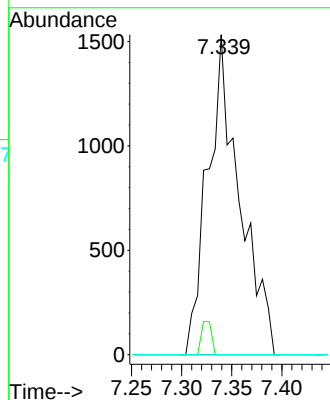
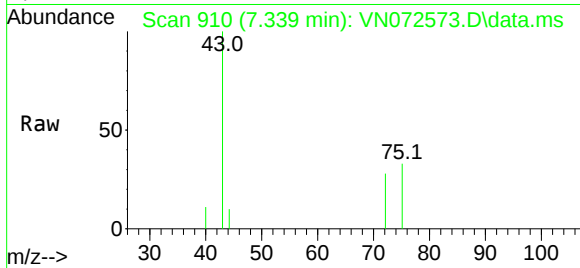




#37
Ethyl Acetate
Concen: 0.787 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

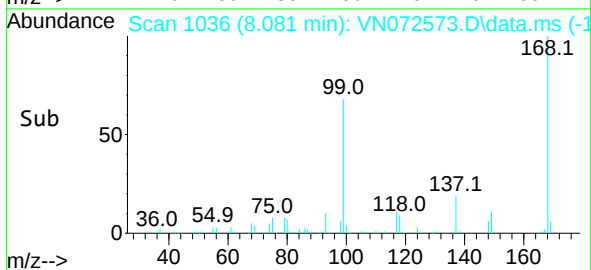
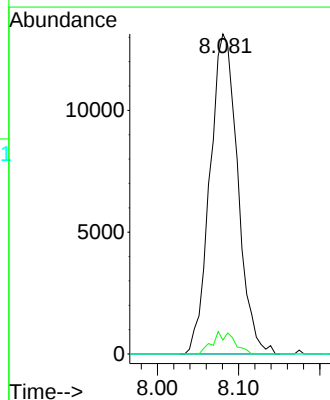
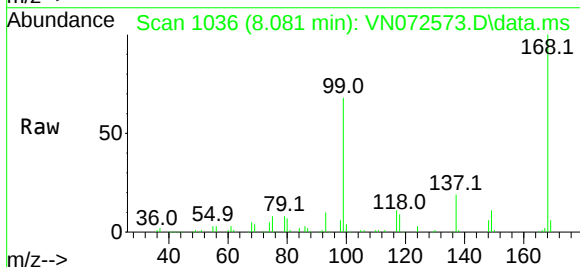
Instrument :
MSVOA_N
ClientSampleId :
31599

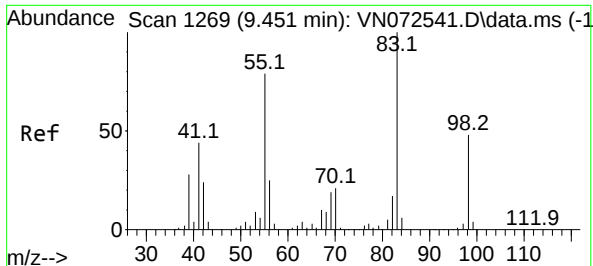
Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
61 3.3 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.117 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 117 Resp: 31236
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.700 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

31599

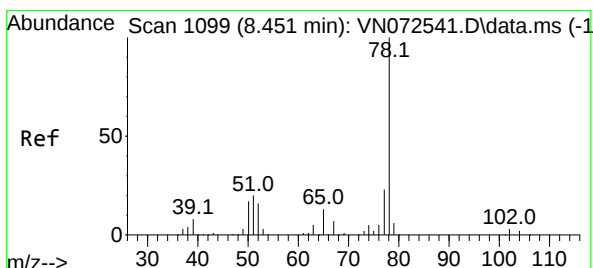
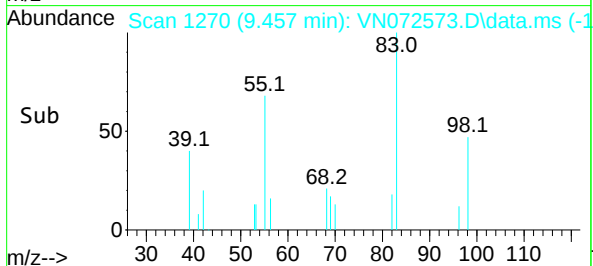
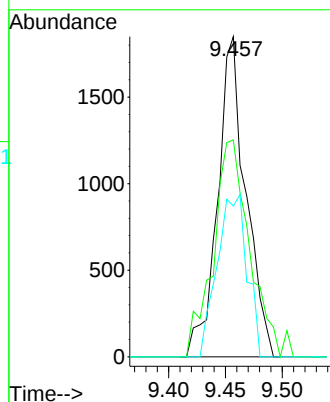
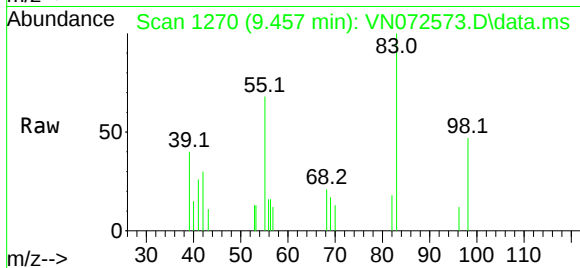
Tgt Ion: 83 Resp: 3197

Ion Ratio Lower Upper

83 100

55 67.8 57.8 86.8

98 47.1 39.4 59.2



#40

Benzene

Concen: 0.486 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072573.D

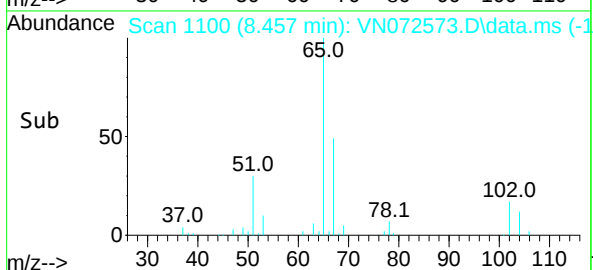
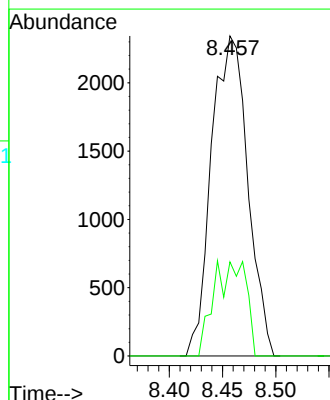
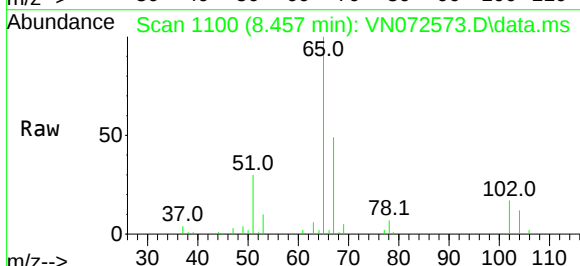
Acq: 20 May 2022 13:35

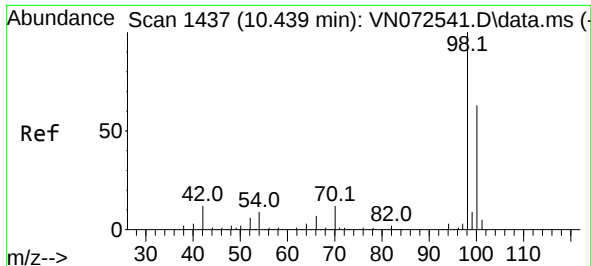
Tgt Ion: 78 Resp: 5558

Ion Ratio Lower Upper

78 100

77 29.4 19.4 29.0#

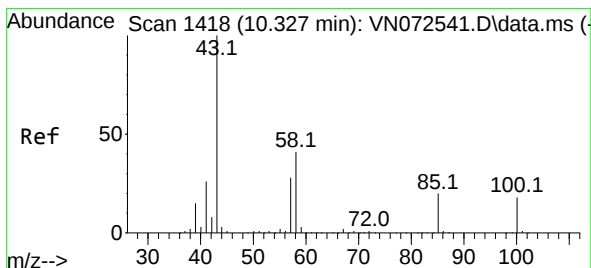
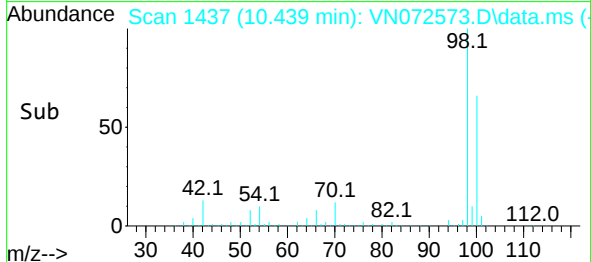
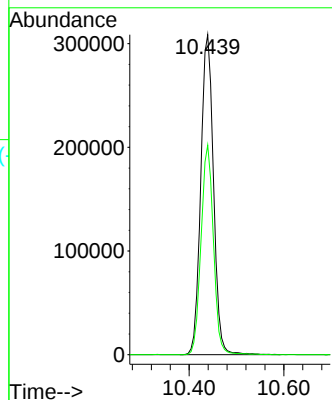
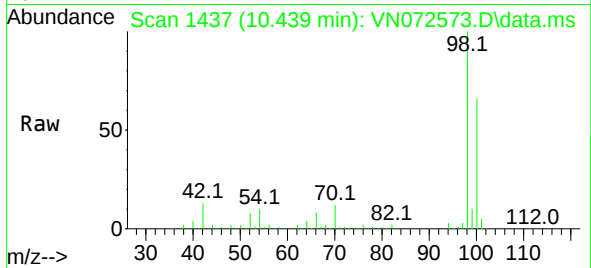




#50
Toluene-d8
Concen: 52.847 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

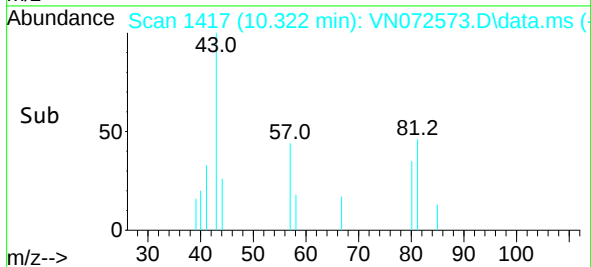
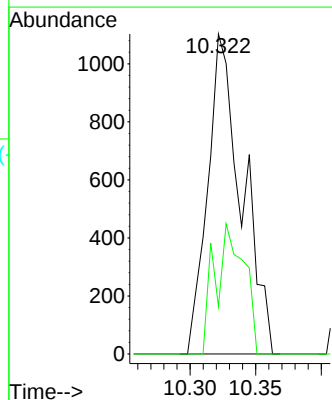
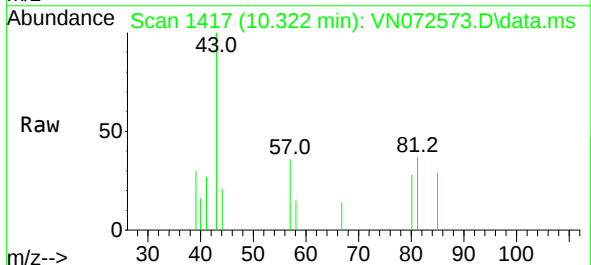
Instrument :
MSVOA_N
ClientSampleId :
31599

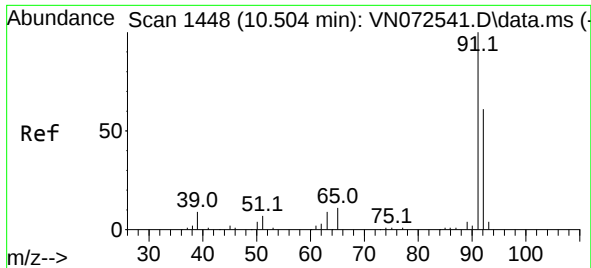
Tgt Ion: 98 Resp: 575291
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 34.7 34.1 51.1

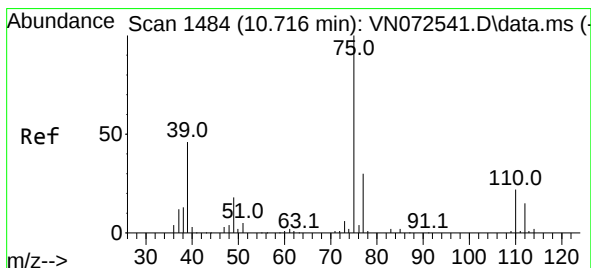
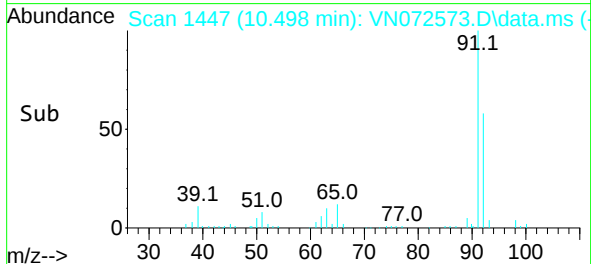
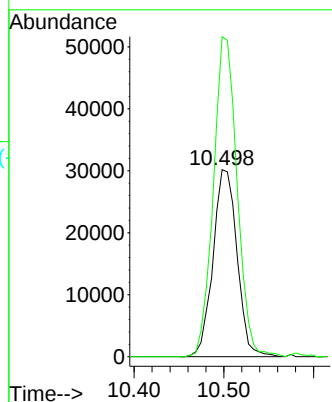
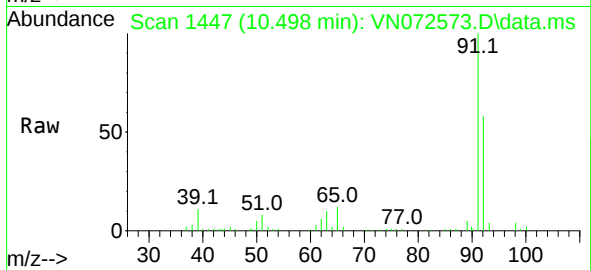




#52
Toluene
Concen: 7.561 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

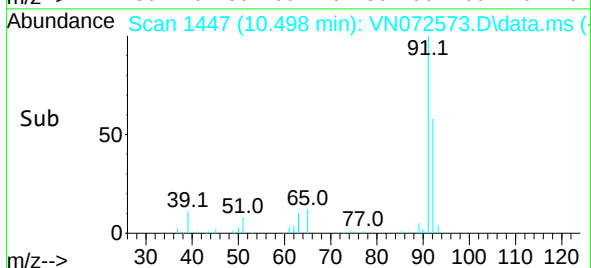
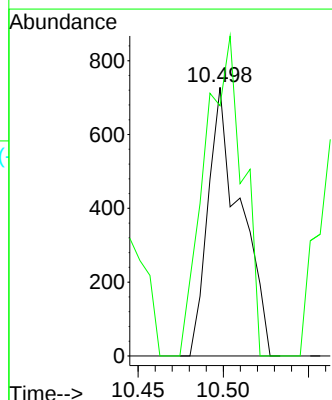
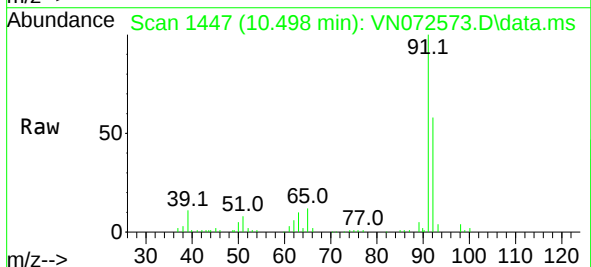
Instrument :
MSVOA_N
ClientSampleId :
31599

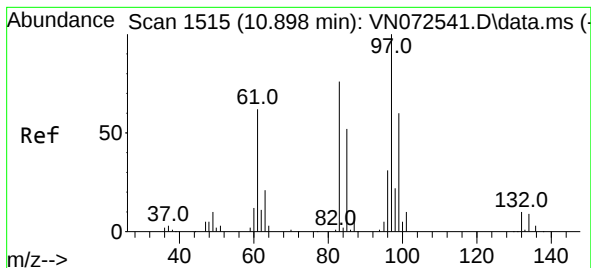
Tgt Ion: 92 Resp: 56086
Ion Ratio Lower Upper
92 100
91 169.1 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.218 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

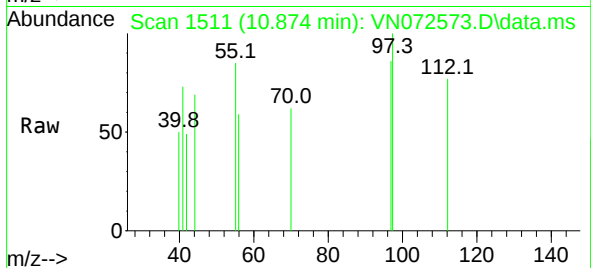
Tgt Ion: 75 Resp: 964
Ion Ratio Lower Upper
75 100
77 93.1 25.6 38.4#



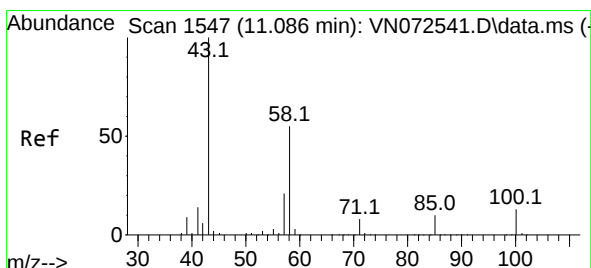
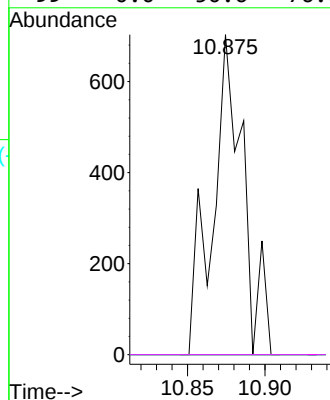
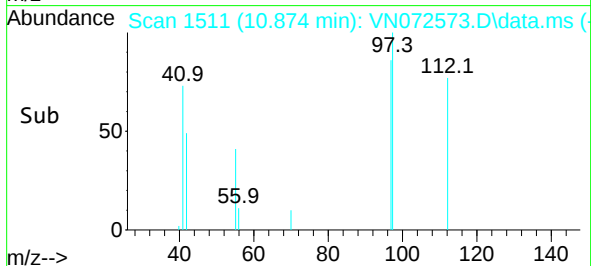


#55
1,1,2-Trichloroethane
Concen: 0.302 ug/l
RT: 10.874 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

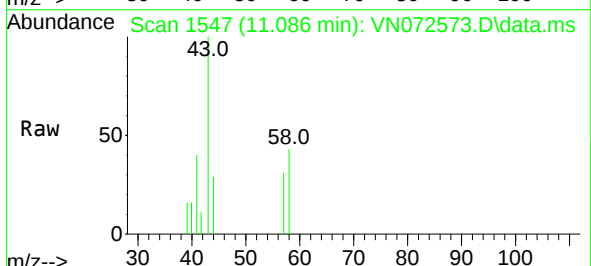
Instrument :
MSVOA_N
ClientSampleId :
31599



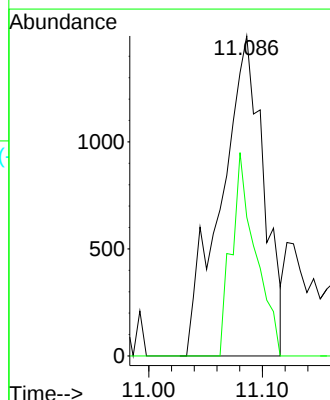
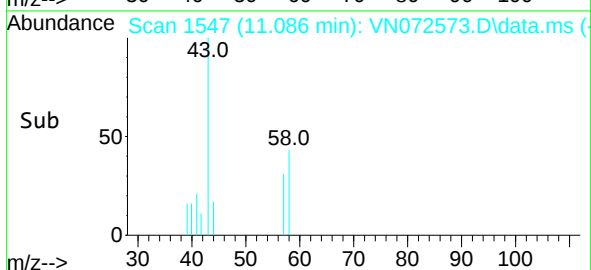
Tgt Ion:	97	Resp:	973
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#

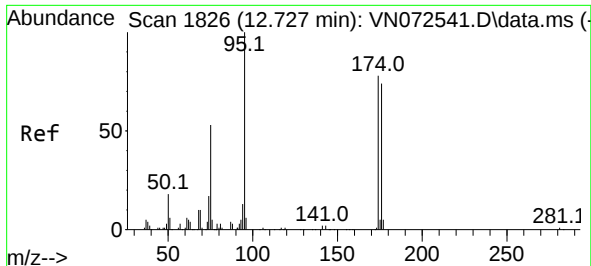


#59
2-Hexanone
Concen: 1.226 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35



Tgt Ion:	43	Resp:	3889
Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.7	89.1

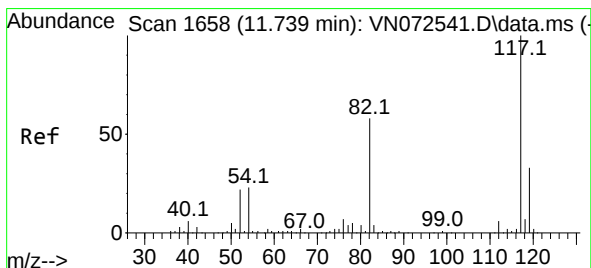
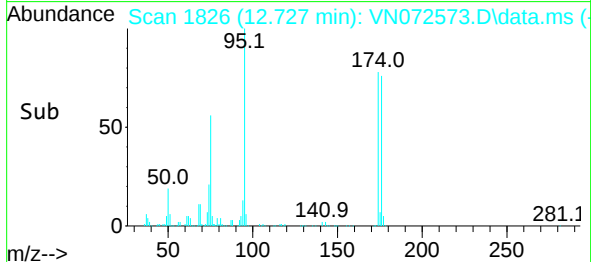
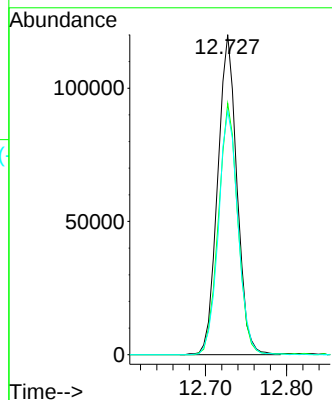
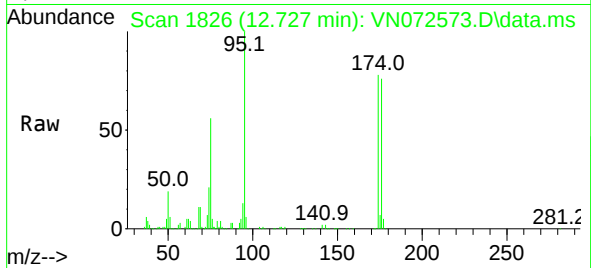




#62
4-Bromofluorobenzene
Concen: 47.994 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

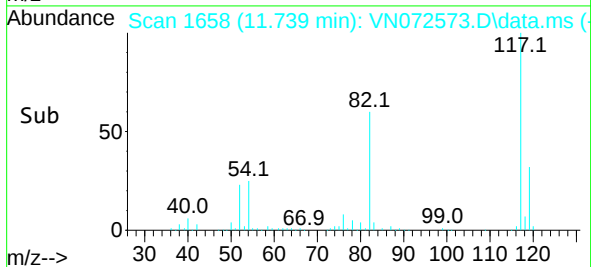
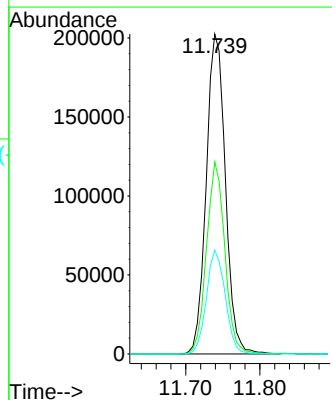
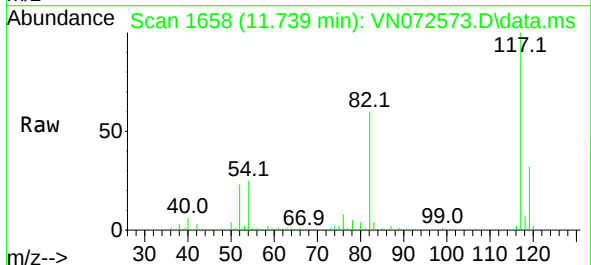
Instrument :
MSVOA_N
ClientSampleId :
31599

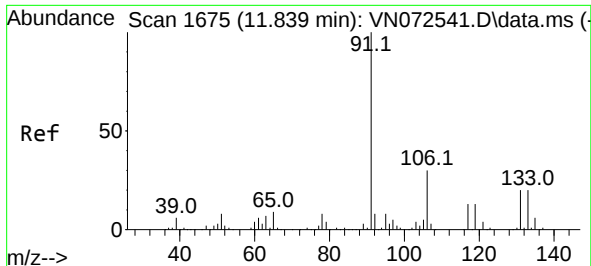
Tgt Ion: 95 Resp: 198461
Ion Ratio Lower Upper
95 100
174 78.7 0.0 167.6
176 77.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 117 Resp: 363555
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 32.4 25.4 38.0

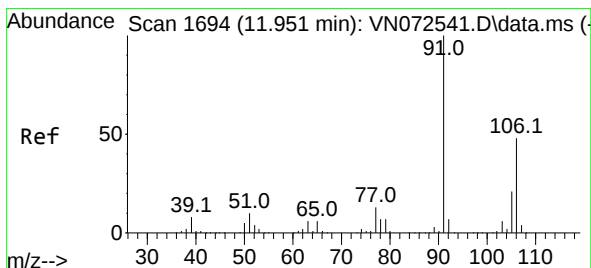
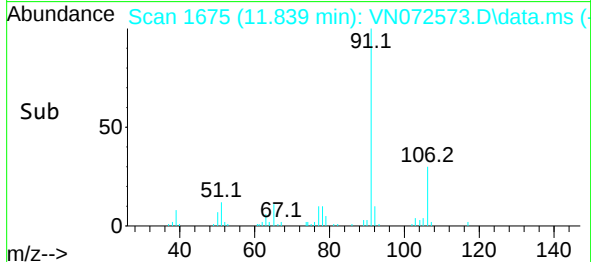
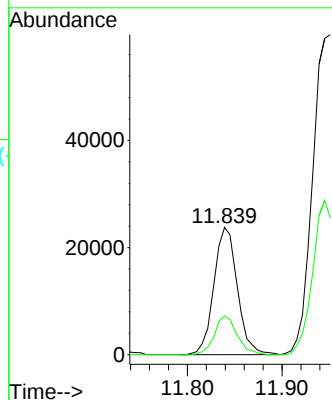
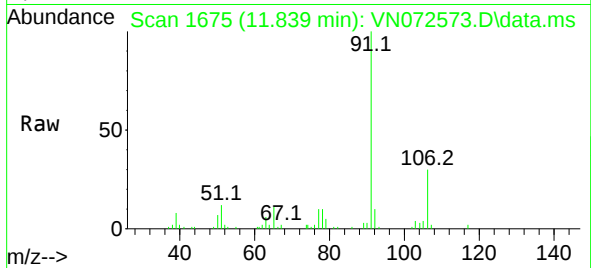




#67
Ethyl Benzene
Concen: 3.177 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

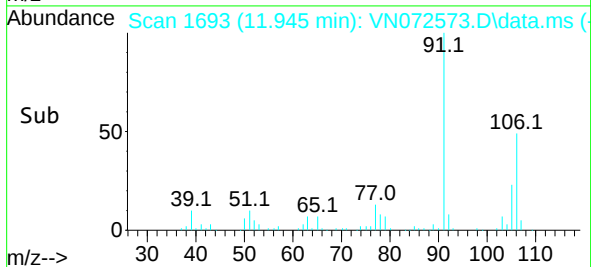
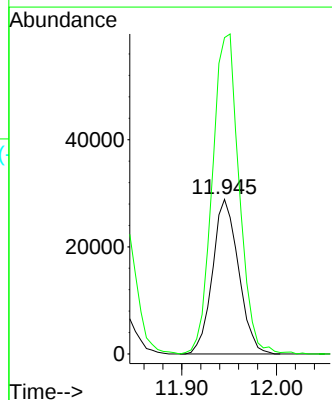
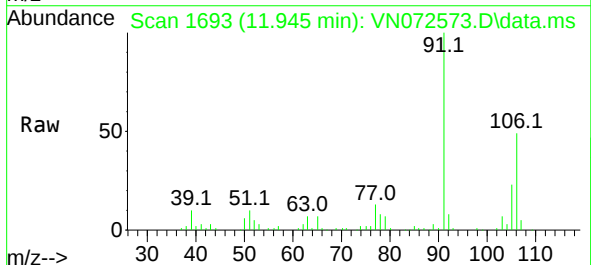
Instrument :
MSVOA_N
ClientSampleId :
31599

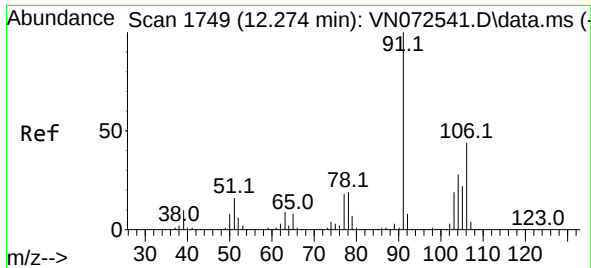
Tgt Ion: 91 Resp: 40970
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 11.082 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 106 Resp: 55016
Ion Ratio Lower Upper
106 100
91 213.8 158.9 238.3

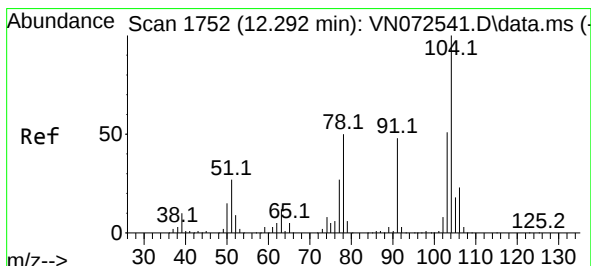
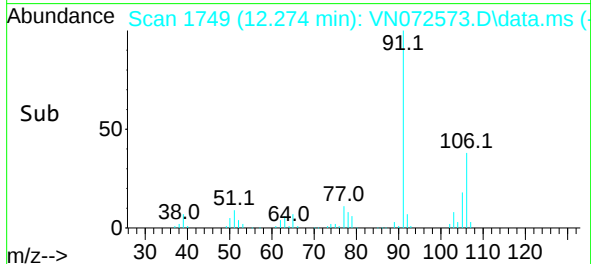
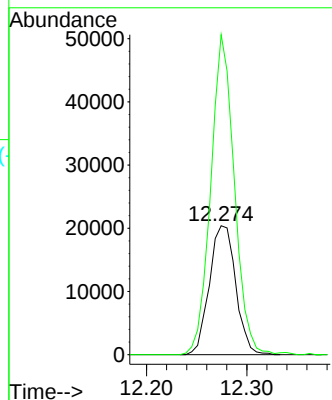
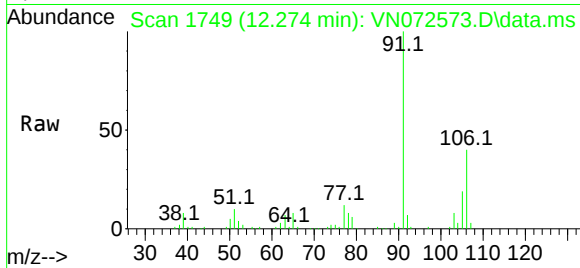




#69
o-Xylene
Concen: 7.368 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

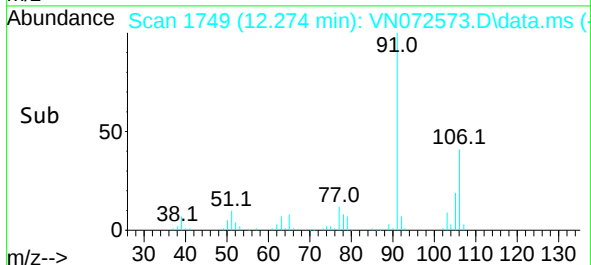
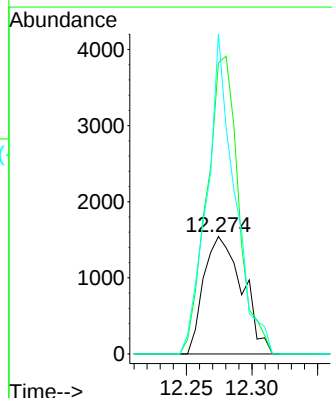
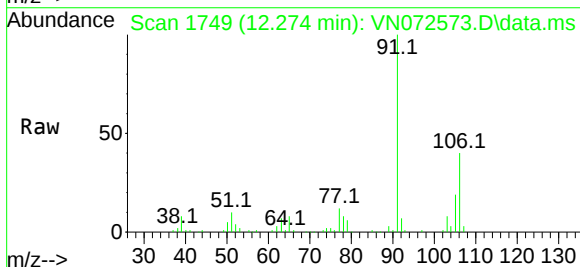
Instrument :
MSVOA_N
ClientSampleId :
31599

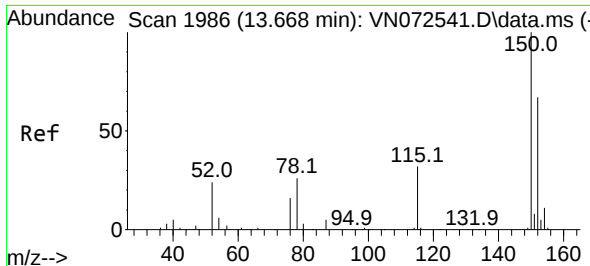
Tgt Ion:106 Resp: 37263
Ion Ratio Lower Upper
106 100
91 223.1 106.0 318.0



#70
Styrene
Concen: 0.406 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.018 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion:104 Resp: 3158
Ion Ratio Lower Upper
104 100
78 208.7 39.5 59.3#
103 196.0 44.0 66.0#

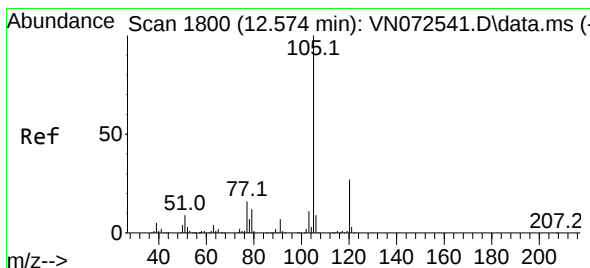
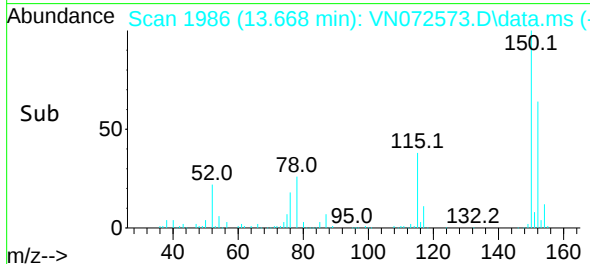
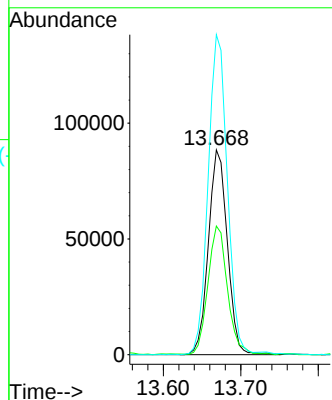
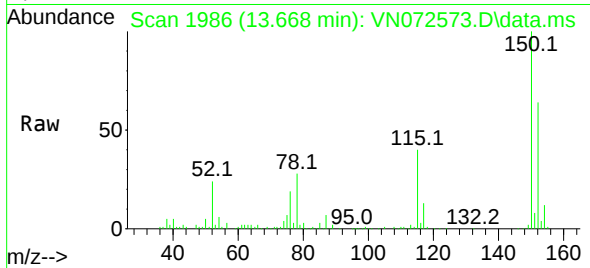




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

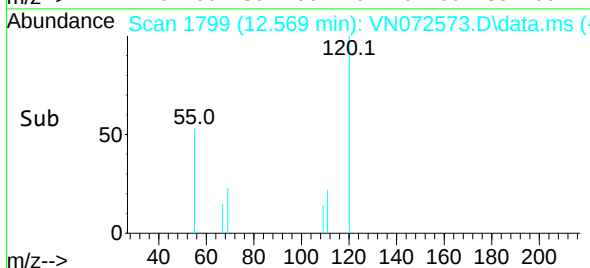
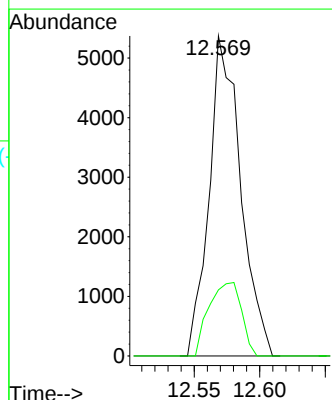
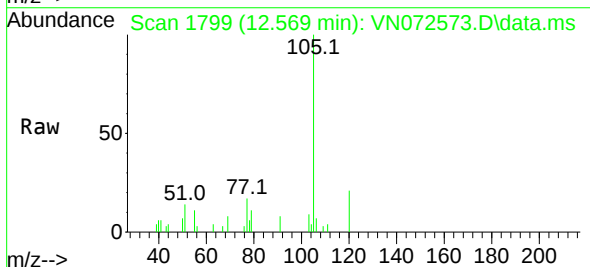
Instrument :
MSVOA_N
ClientSampleId :
31599

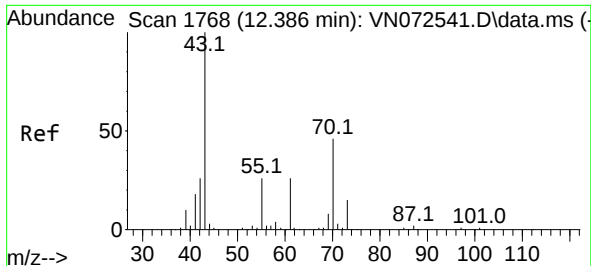
Tgt Ion:152 Resp: 150225
Ion Ratio Lower Upper
152 100
115 65.1 28.9 86.7
150 158.1 0.0 356.2



#73
Isopropylbenzene
Concen: 0.723 ug/l
RT: 12.569 min Scan# 1799
Delta R.T. -0.005 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion:105 Resp: 8977
Ion Ratio Lower Upper
105 100
120 23.7 13.5 40.4

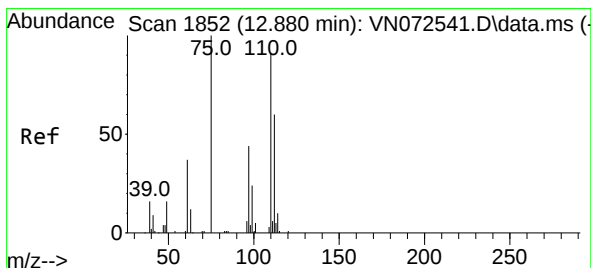
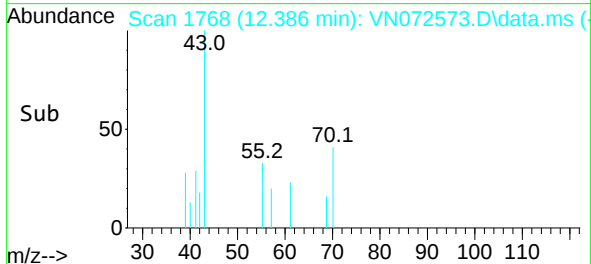
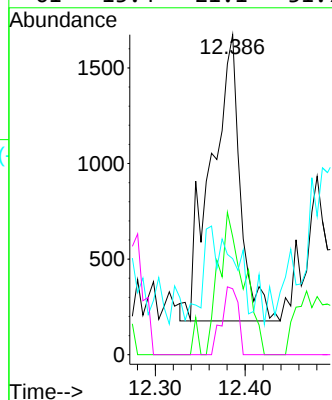
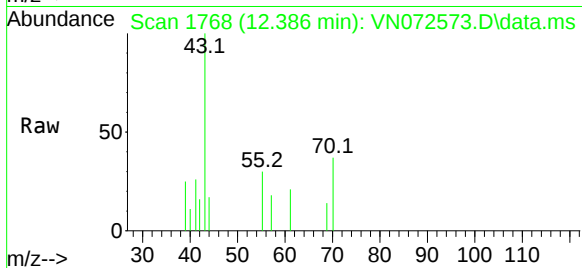




#74
N-amy1 acetate
Concen: 0.815 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

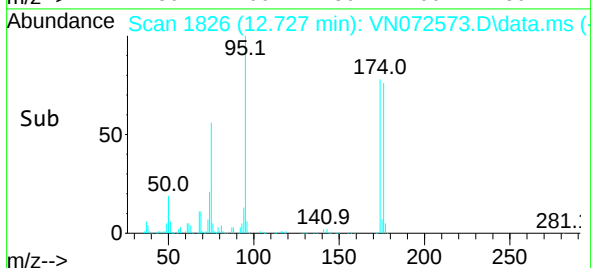
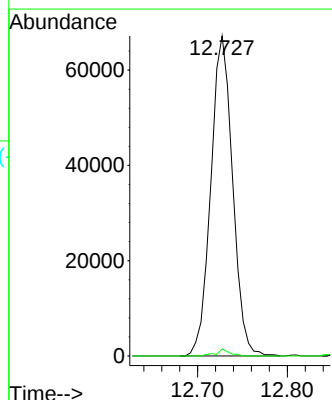
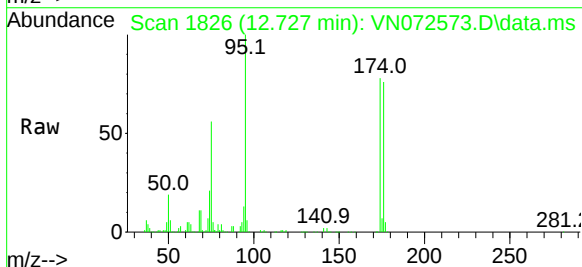
Instrument :
MSVOA_N
ClientSampleId :
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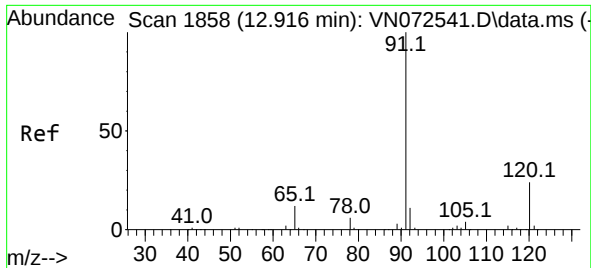
Tgt Ion: 43 Resp: 3371
Ion Ratio Lower Upper
43 100
70 42.8 39.0 58.4
55 0.0 21.1 31.7#
61 13.4 21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 24.984 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 75 Resp: 113381
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

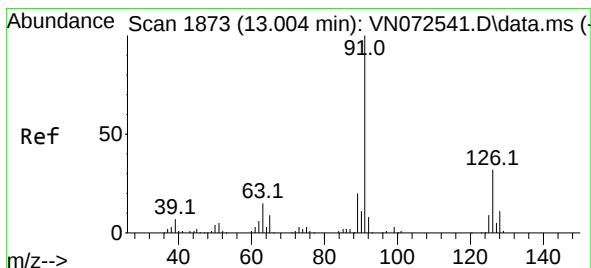
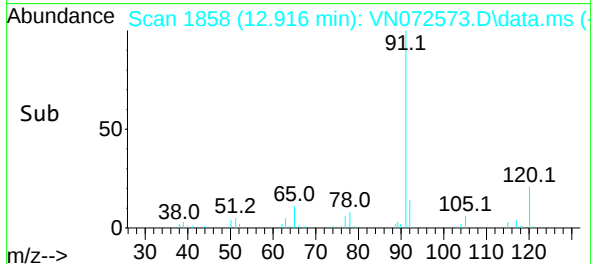
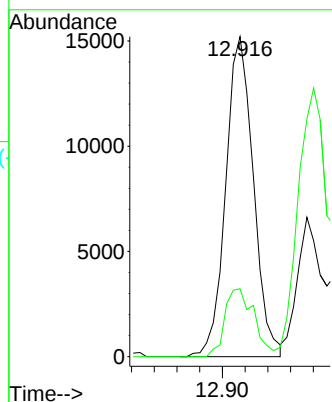
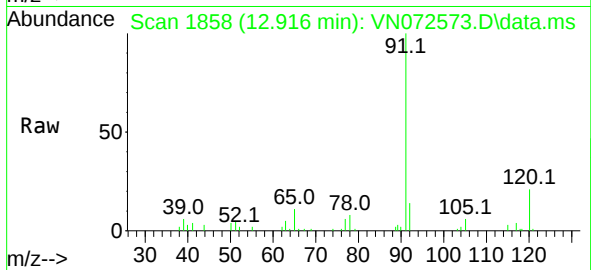




#78
n-propylbenzene
Concen: 1.895 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

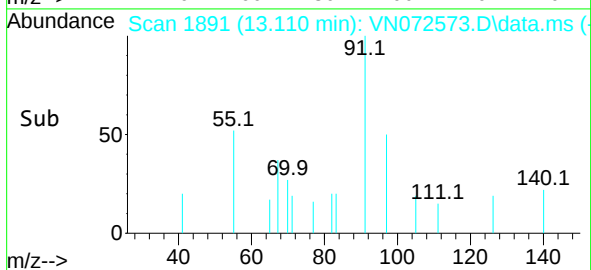
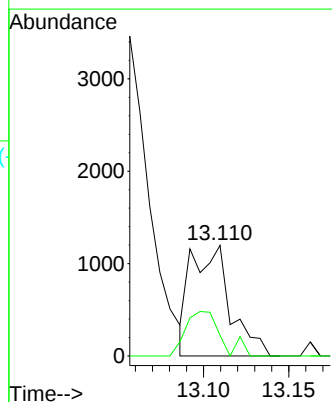
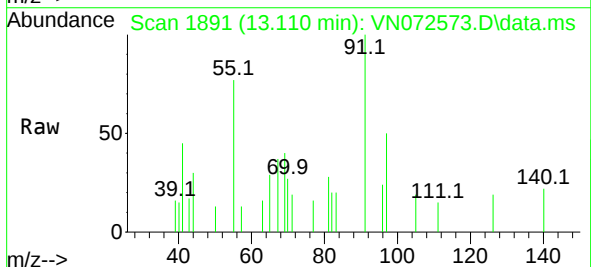
Instrument :
MSVOA_N
ClientSampleId :
31599

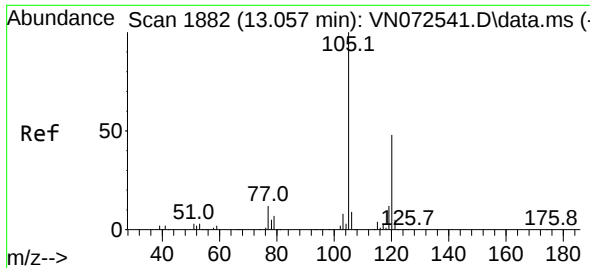
Tgt Ion: 91 Resp: 25745
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.209 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.106 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 91 Resp: 1906
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.9

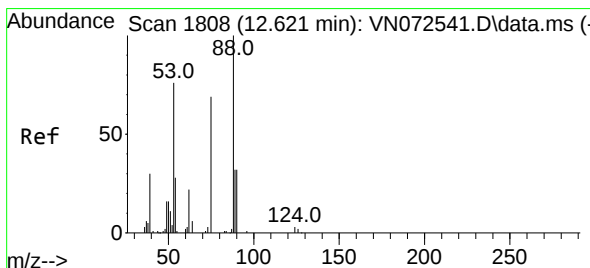
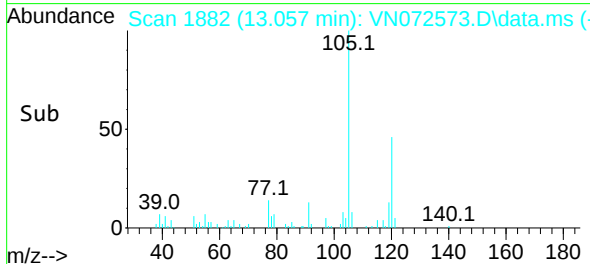
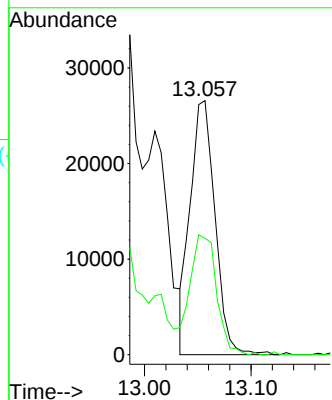
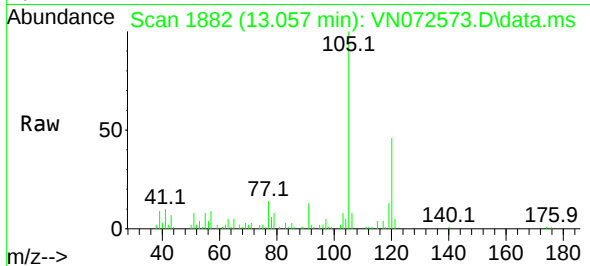




#80
 1,3,5-Trimethylbenzene
 Concen: 3.994 ug/l
 RT: 13.057 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

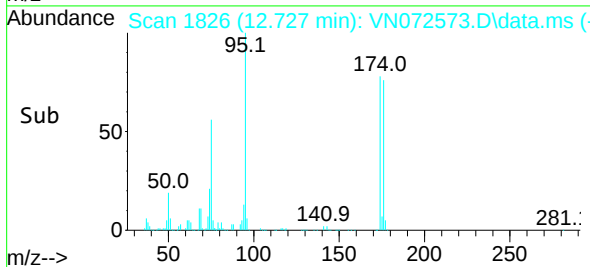
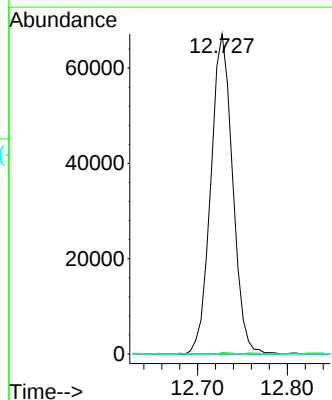
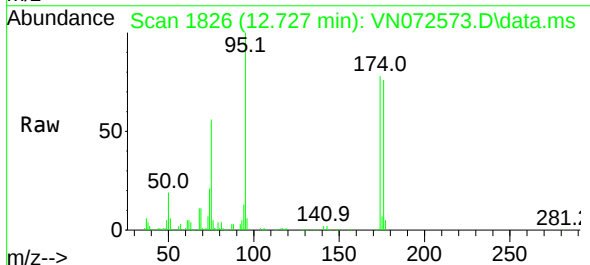
Instrument :
 MSVOA_N
 ClientSampleId :
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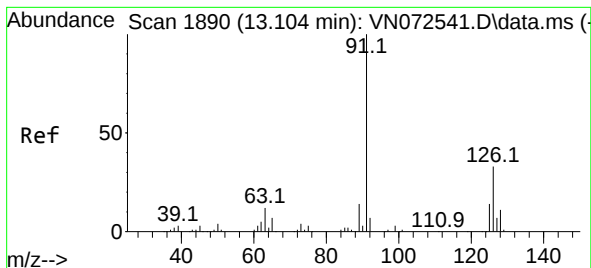
Tgt Ion:105 Resp: 43017
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.157 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.106 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

Tgt Ion: 75 Resp: 113381
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 37.2 55.8#

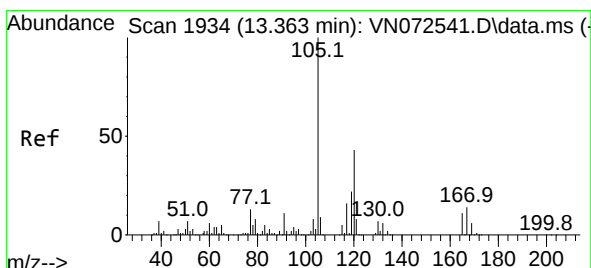
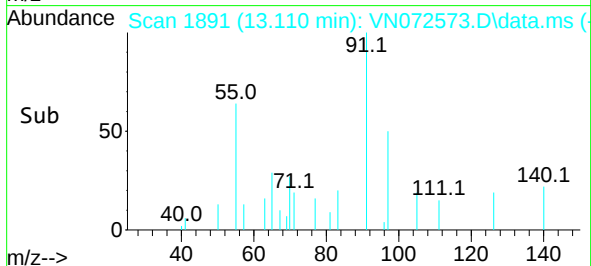
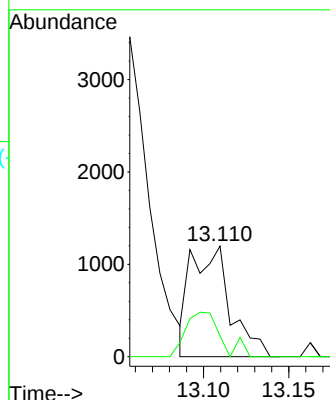
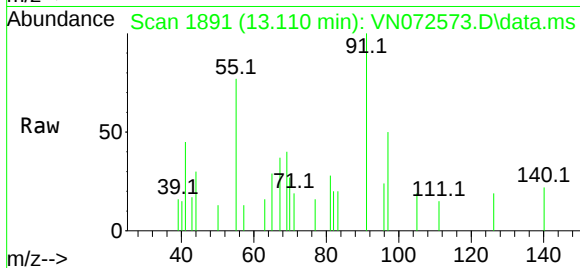




#82
4-Chlorotoluene
Concen: 0.225 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.006 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

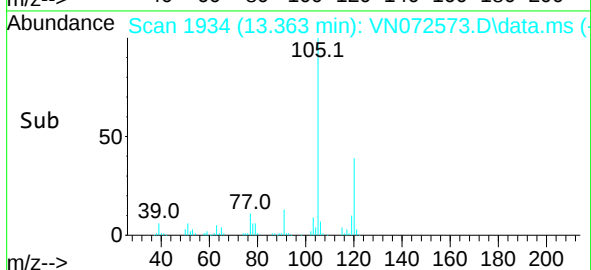
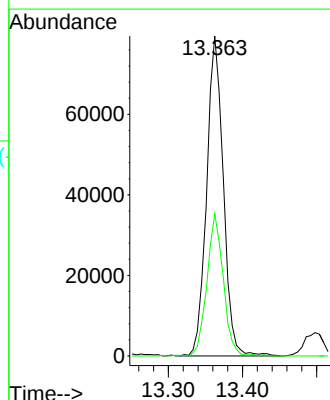
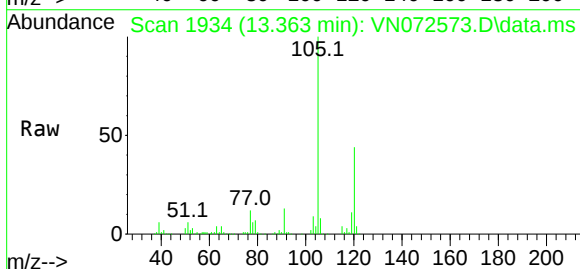
Instrument :
MSVOA_N
ClientSampleId :
31599

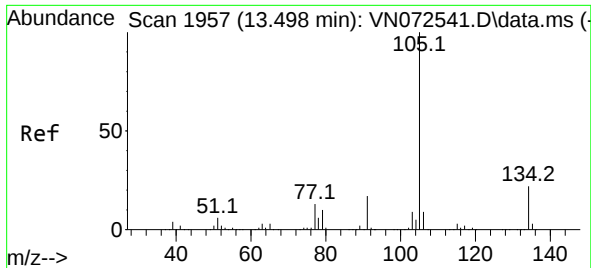
Tgt Ion: 91 Resp: 1906
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 12.023 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 105 Resp: 124225
Ion Ratio Lower Upper
105 100
120 43.5 23.3 69.8

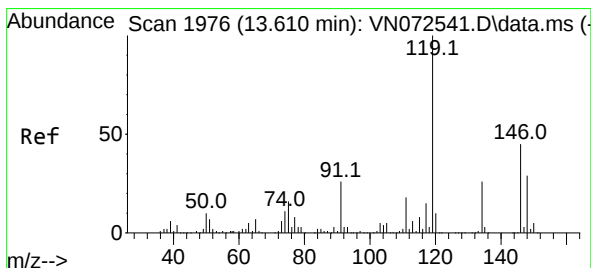
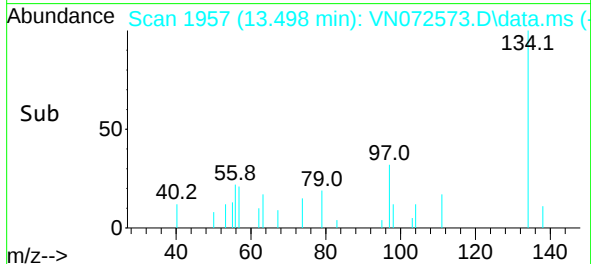
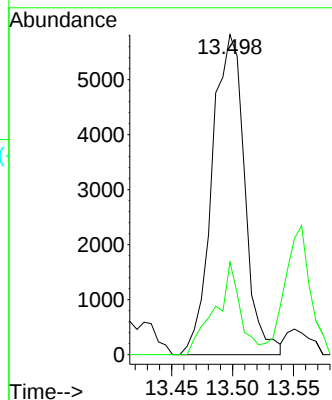
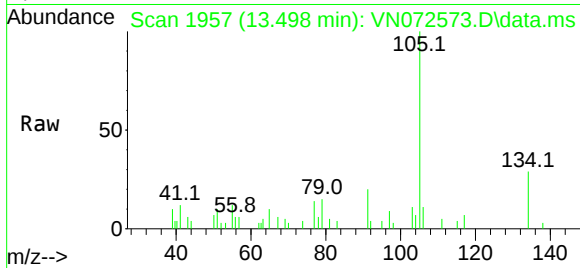




#85
 sec-Butylbenzene
 Concen: 0.909 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

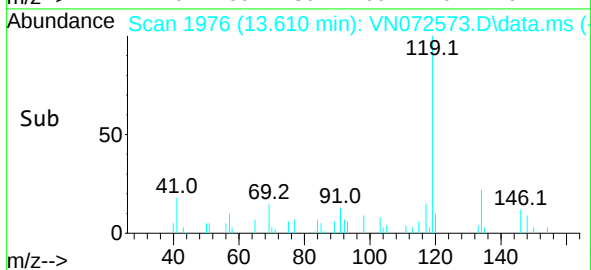
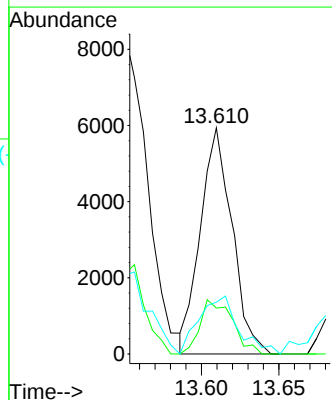
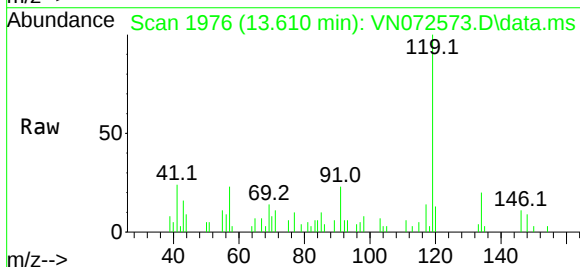
Instrument :
 MSVOA_N
 ClientSampleId :
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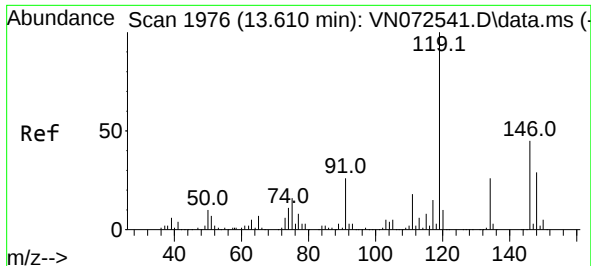
Tgt Ion:105 Resp: 10796
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.865 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

Tgt Ion:119 Resp: 8447
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.3 39.8
 91 31.7 11.3 33.9

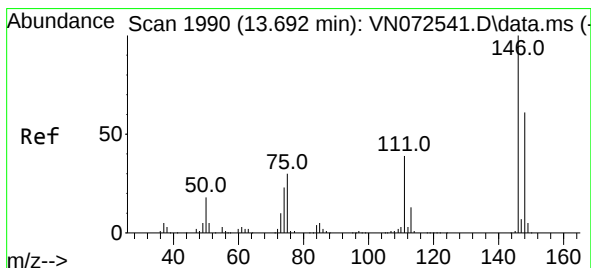
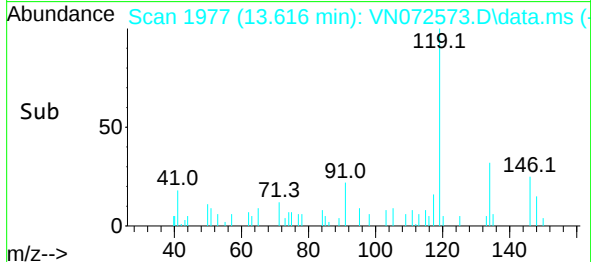
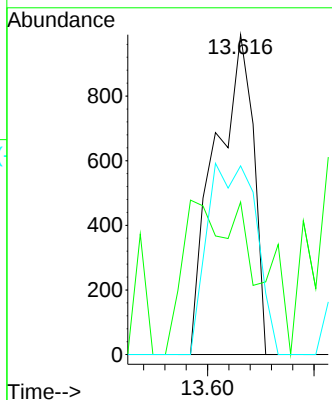
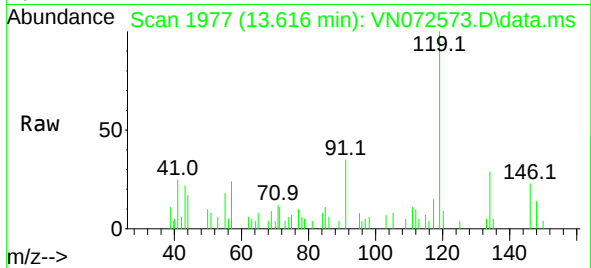




#87
 1,3-Dichlorobenzene
 Concen: 0.238 ug/l
 RT: 13.616 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

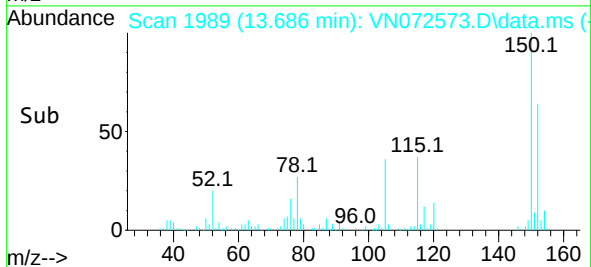
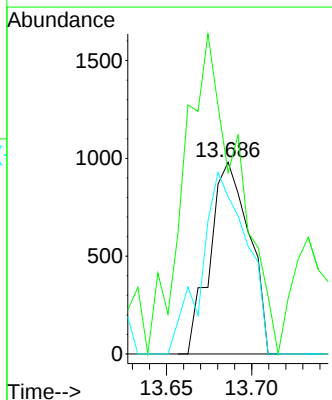
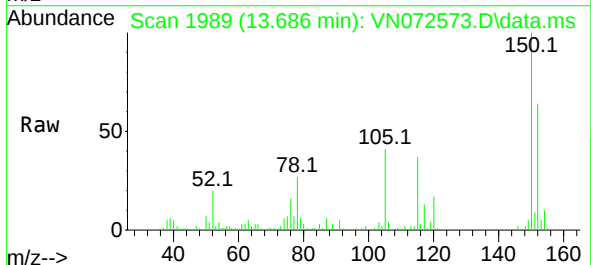
Instrument :
 MSVOA_N
 ClientSampleId :
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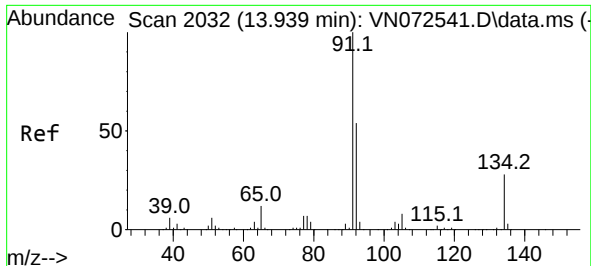
Tgt Ion:146 Resp: 1240
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 76.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

Tgt Ion:146 Resp: 1577
 Ion Ratio Lower Upper
 146 100
 111 227.3 19.1 57.1#
 148 108.5 31.4 94.3#

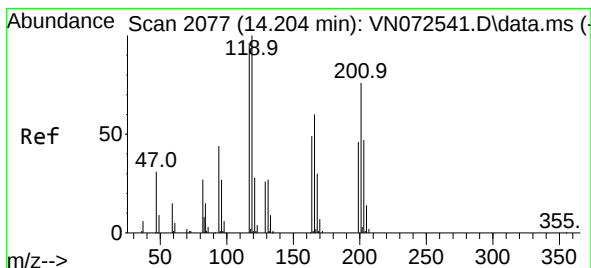
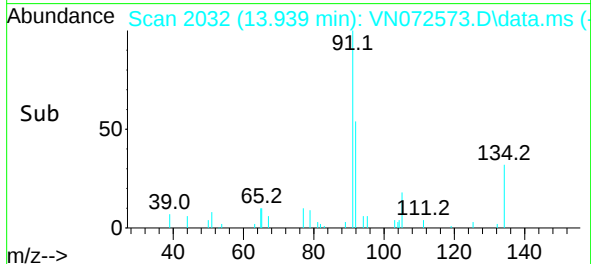
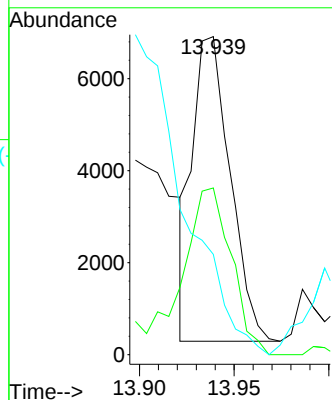
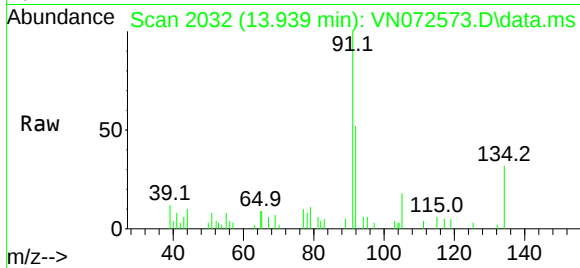




#89
n-Butylbenzene
Concen: 1.228 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

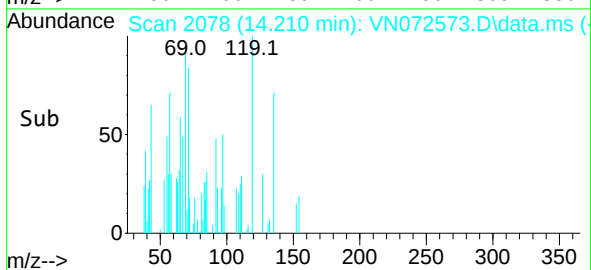
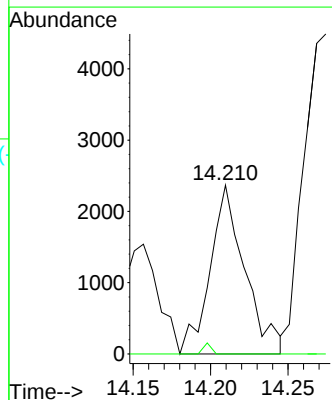
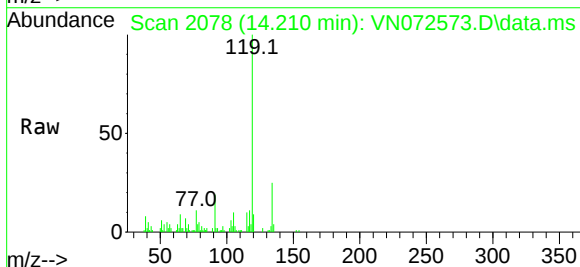
Instrument :
MSVOA_N
ClientSampleId :
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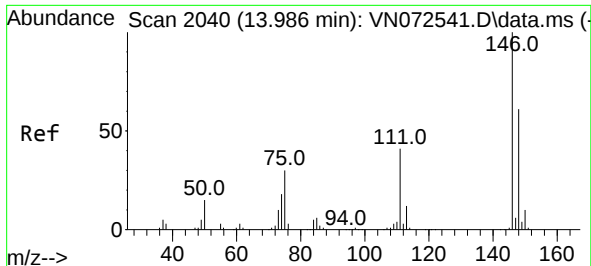
Tgt Ion: 91 Resp: 9084
Ion Ratio Lower Upper
91 100
92 75.1 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 2.112 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion: 117 Resp: 3692
Ion Ratio Lower Upper
117 100
201 1.5 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.267 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

Instrument :

MSVOA_N

ClientSampleId :

31599

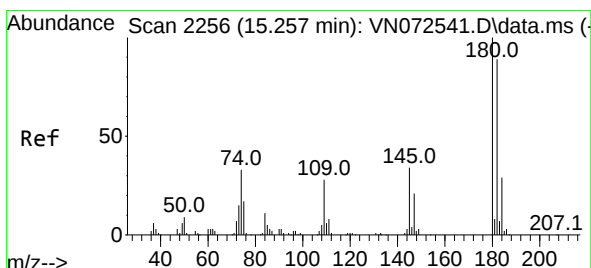
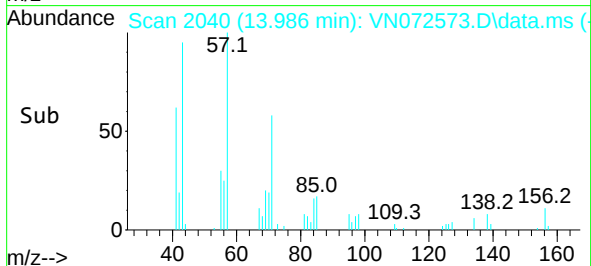
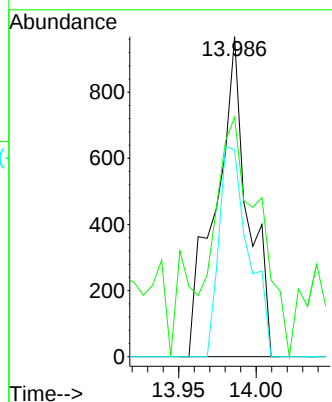
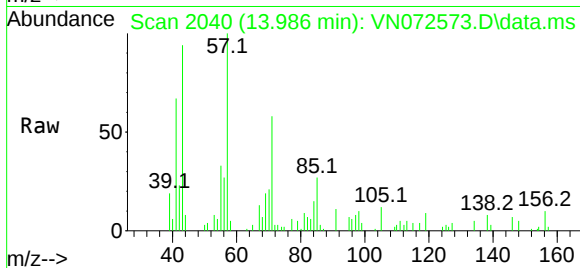
Tgt Ion:146 Resp: 1396

Ion Ratio Lower Upper

146 100

111 116.9 20.9 62.8#

148 60.7 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 1.362 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.005 min

Lab File: VN072573.D

Acq: 20 May 2022 13:35

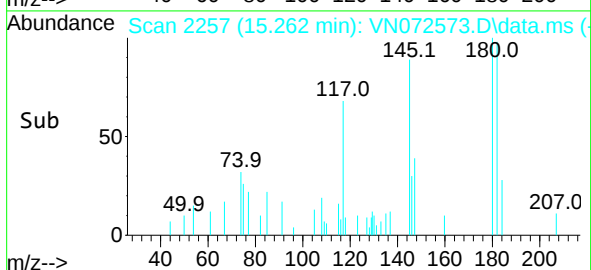
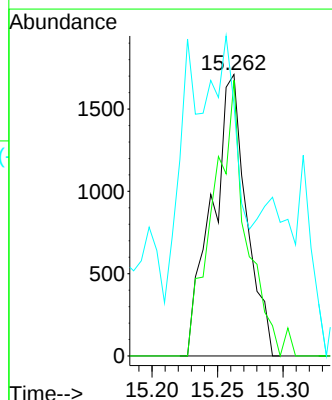
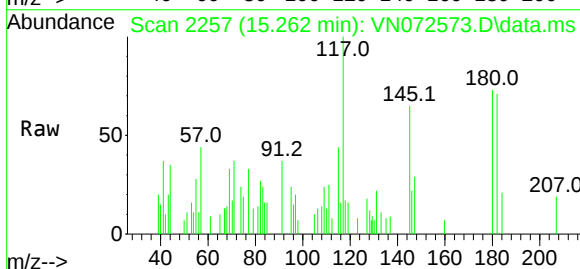
Tgt Ion:180 Resp: 3110

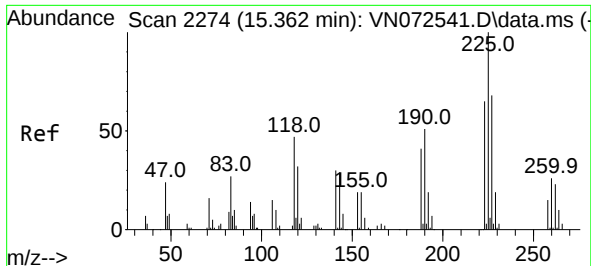
Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 0.0 14.5 43.5#

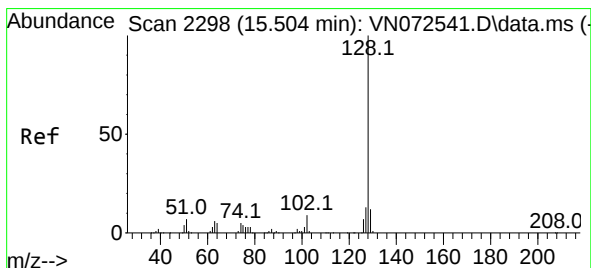
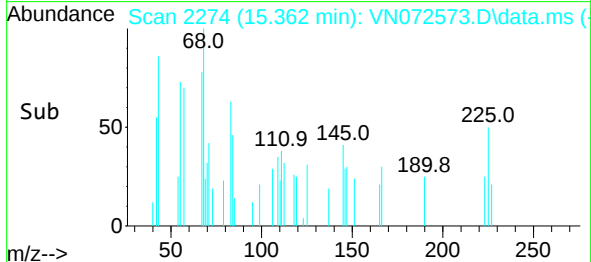
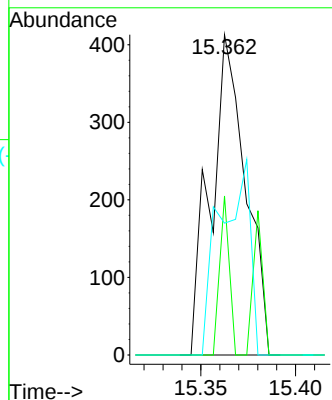
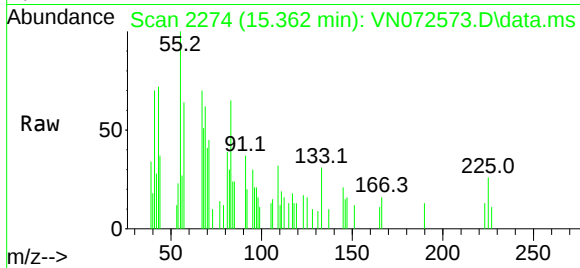




#94
Hexachlorobutadiene
Concen: 0.370 ug/l
RT: 15.362 min Scan# 21599
Delta R.T. 0.000 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

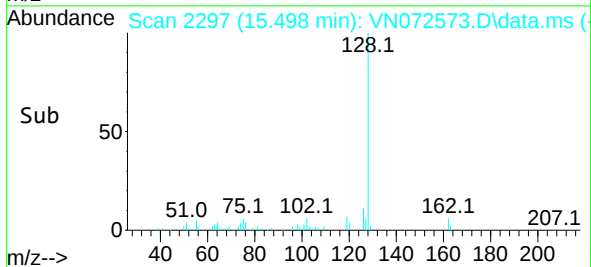
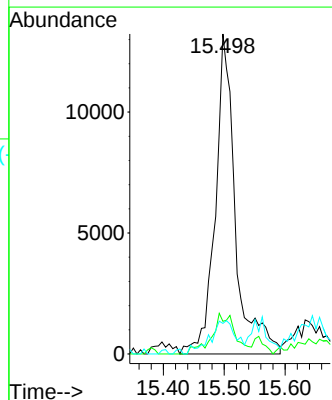
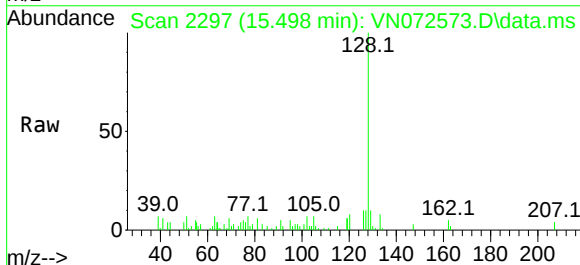
Instrument :
MSVOA_N
ClientSampleId :
31599

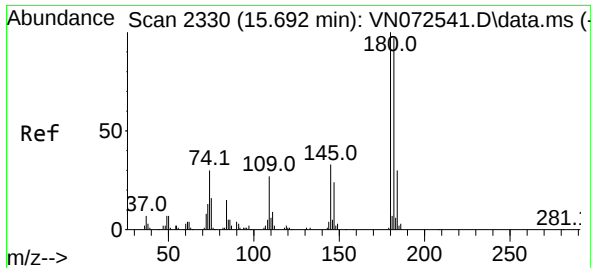
Tgt Ion	Ratio	Lower	Upper
225	100		
223	13.6	32.4	97.2#
227	0.0	31.8	95.4#



#95
Naphthalene
Concen: 4.598 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072573.D
Acq: 20 May 2022 13:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	13.3	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.646 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072573.D
 Acq: 20 May 2022 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 31599

Tgt Ion:180 Resp: 3878
 Ion Ratio Lower Upper
 180 100
 182 83.0 47.8 143.3
 145 105.9 15.5 46.5#

