

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075176.D
 Acq On : 04 Nov 2022 15:45
 Operator : JC\MD
 Sample : N5435-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PTS-TP-COMP-1103

Quant Time: Nov 05 07:00:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

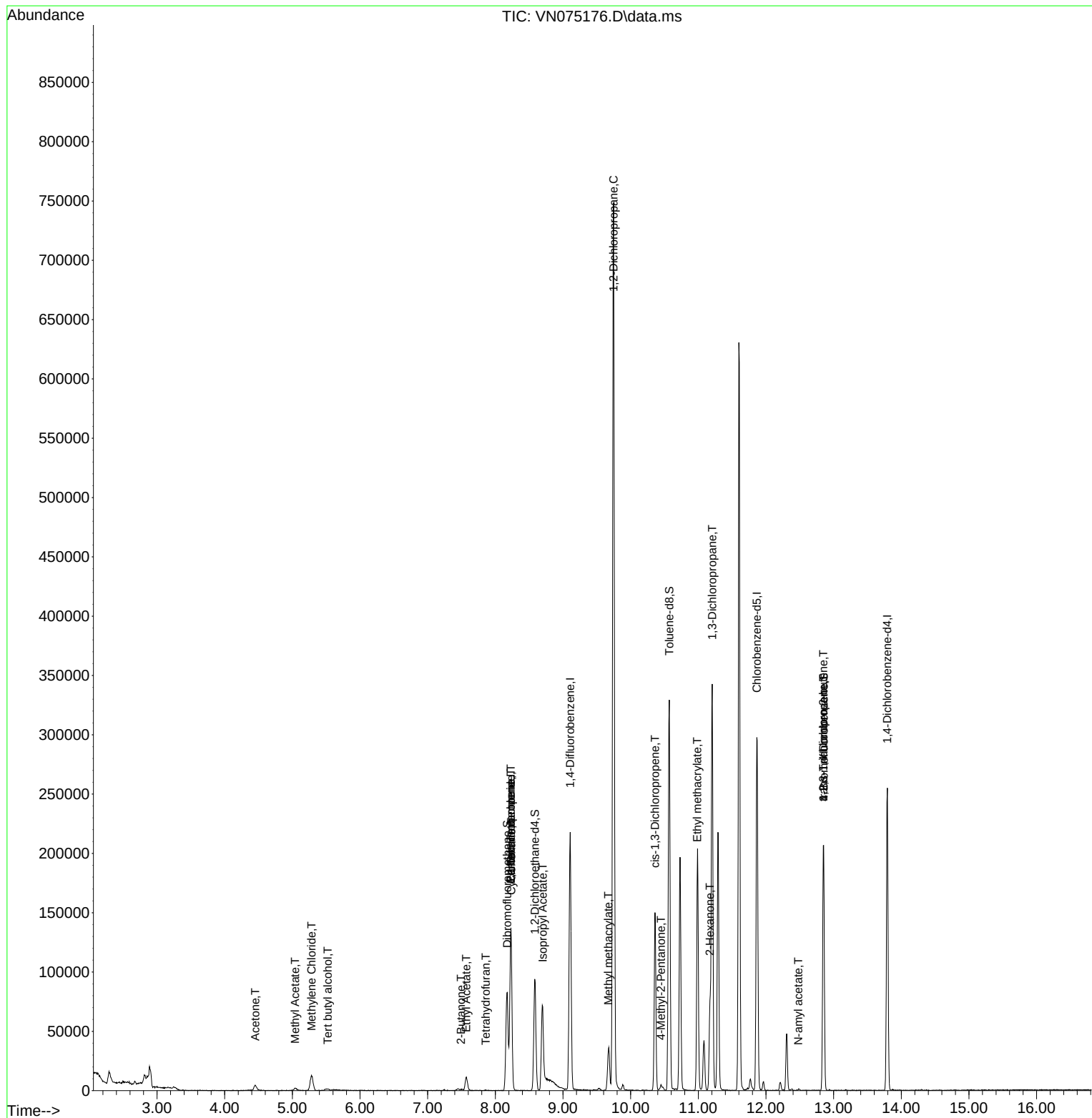
Internal Standards						
1) Pentafluorobenzene	8.230	168	96779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	174933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76832	58.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.840%	
35) Dibromofluoromethane	8.177	113	60100	54.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.240%	
50) Toluene-d8	10.571	98	230702	53.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.853	95	73007	48.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	201	Below Cal	#	5
11) Tert butyl alcohol	5.524	59	728	2.394	ug/l #	72
16) Acetone	4.453	43	8645	15.657	ug/l	94
18) Methyl Acetate	5.042	43	4276	2.371	ug/l #	79
20) Methylene Chloride	5.283	84	10575	8.590	ug/l	94
25) 2-Butanone	7.494	43	1804	2.077	ug/l #	70
29) Tetrahydrofuran	7.859	42	289	0.515	ug/l #	40
31) Cyclohexane	8.235	56	2340	1.207	ug/l #	26
36) 1,1-Dichloropropene	8.230	75	8761	5.096	ug/l #	49
37) Ethyl Acetate	7.571	43	16483	8.742	ug/l	99
38) Carbon Tetrachloride	8.230	117	11105	5.872	ug/l #	16
43) Isopropyl Acetate	8.700	43	85901	29.370	ug/l #	84
45) 1,2-Dichloropropane	9.747	63	913	0.729	ug/l #	42
48) Methyl methacrylate	9.671	41	2125	1.584	ug/l #	36
51) 4-Methyl-2-Pentanone	10.447	43	3188	1.689	ug/l #	80
54) cis-1,3-Dichloropropene	10.359	75	27888	13.179	ug/l #	67
56) Ethyl methacrylate	10.982	69	602	0.283	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3962	1.705	ug/l #	42
59) 2-Hexanone	11.171	43	57736	40.306	ug/l #	21
74) N-amyl acetate	12.476	43	460	0.235	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	39938	28.565	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39938	73.327	ug/l #	10

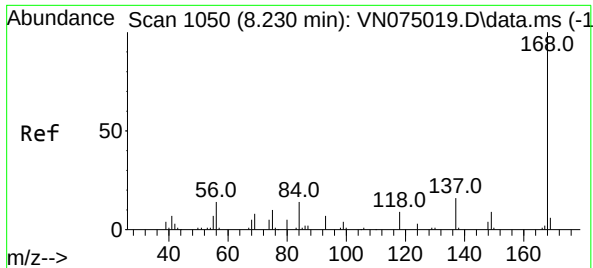
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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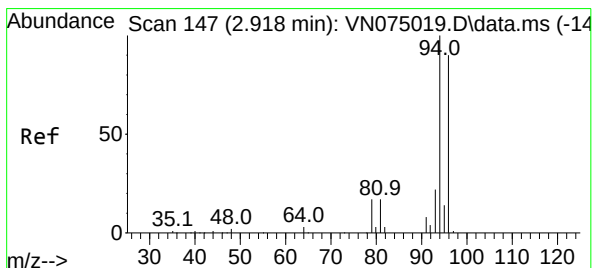
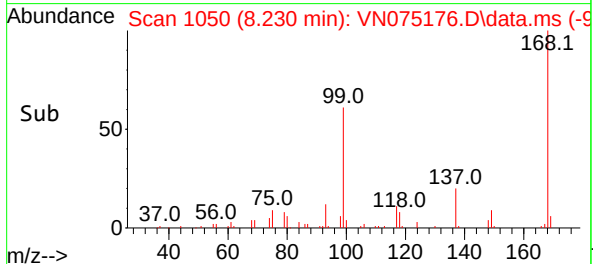
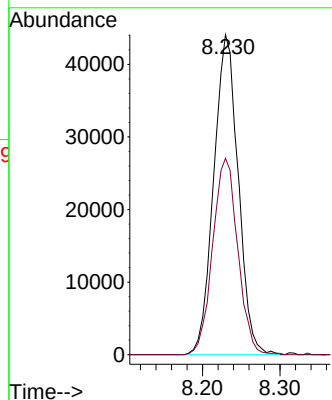
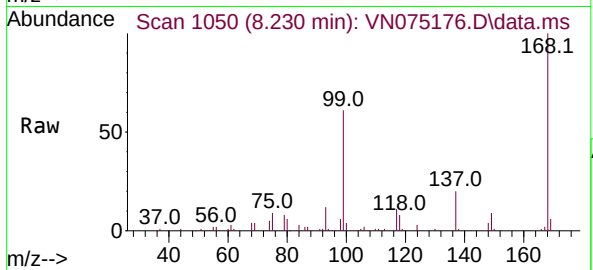




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

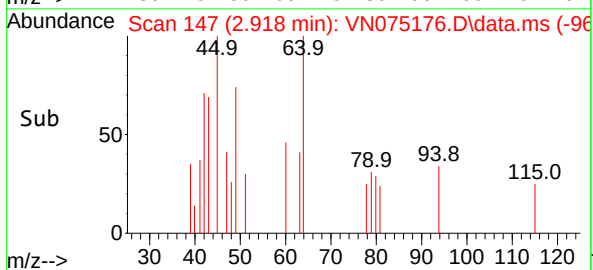
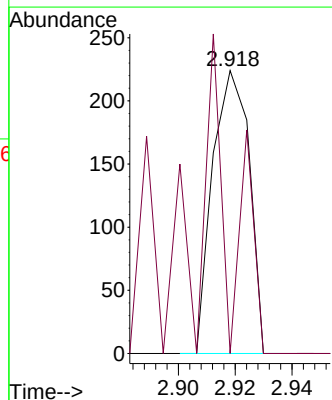
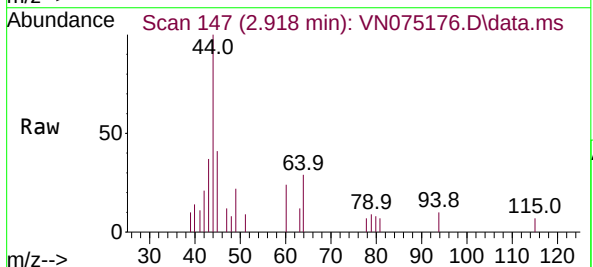
Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

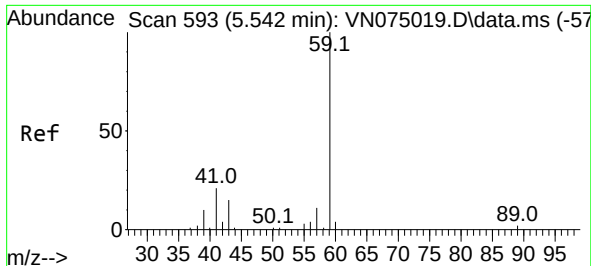
Tgt Ion:168 Resp: 96779
Ion Ratio Lower Upper
168 100
99 61.4 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 94 Resp: 201
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

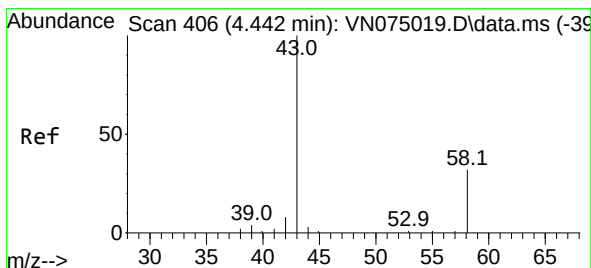
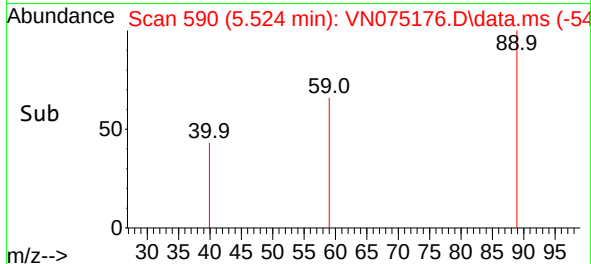
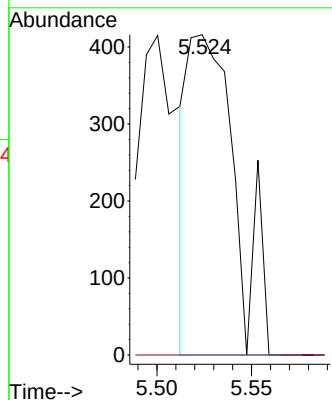
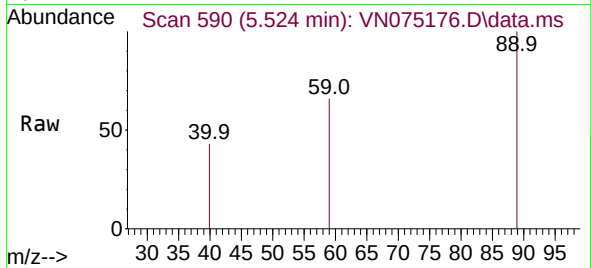




#11
Tert butyl alcohol
Concen: 2.394 ug/l
RT: 5.524 min Scan# 59
Delta R.T. -0.018 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

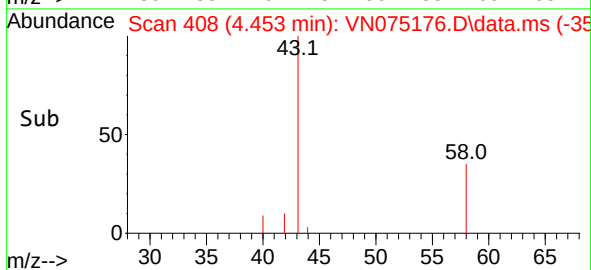
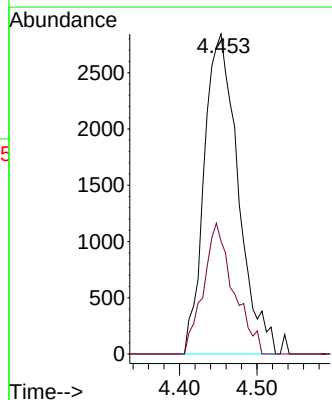
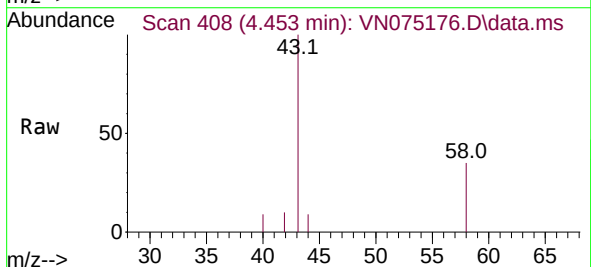
Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

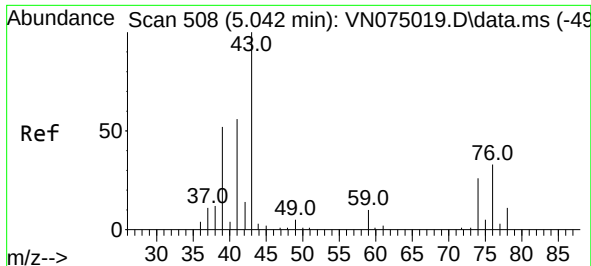
Tgt Ion: 59 Resp: 728
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 15.657 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 43 Resp: 8645
Ion Ratio Lower Upper
43 100
58 35.3 25.5 38.3

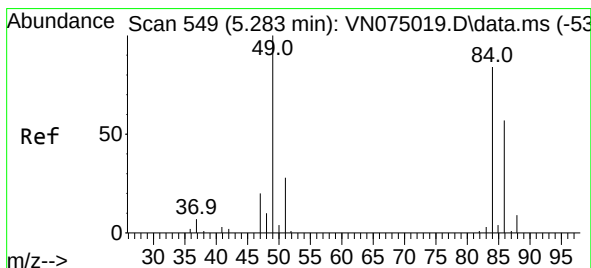
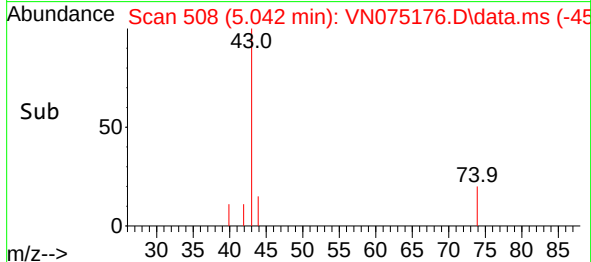
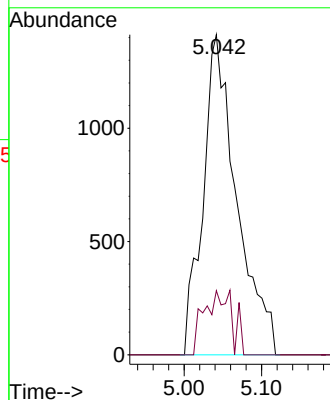
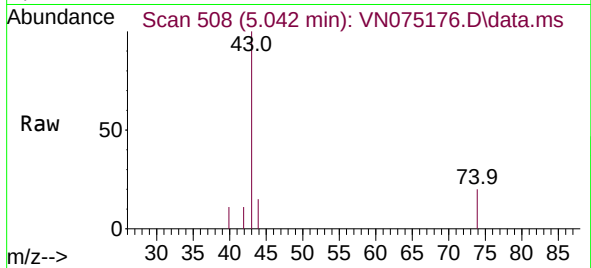




#18
Methyl Acetate
Concen: 2.371 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

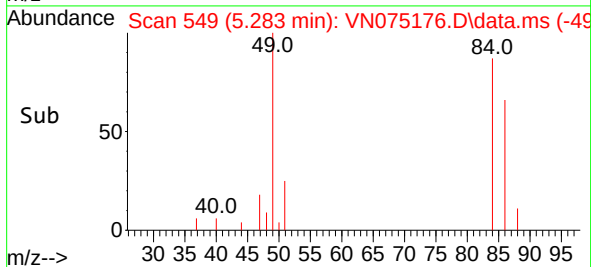
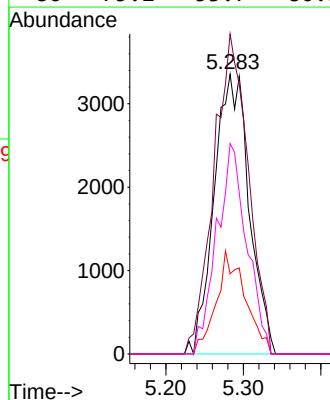
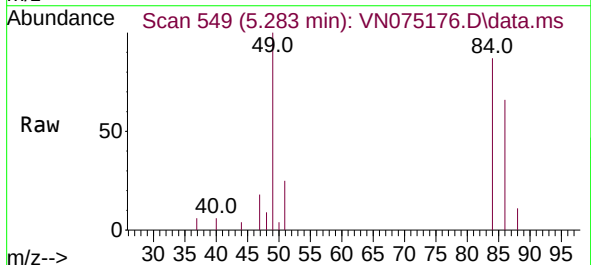
Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

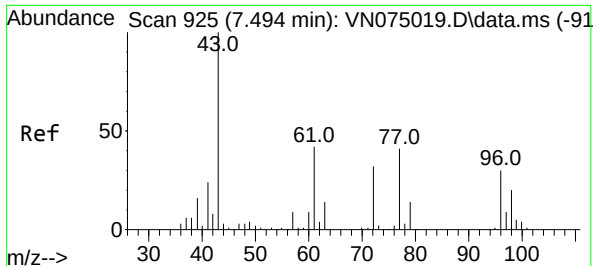
Tgt Ion: 43 Resp: 4276
Ion Ratio Lower Upper
43 100
74 16.7 22.0 33.0#



#20
Methylene Chloride
Concen: 8.590 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 84 Resp: 10575
Ion Ratio Lower Upper
84 100
49 114.4 94.9 142.3
51 28.7 26.8 40.2
86 75.2 53.7 80.5





#25

2-Butanone

Concen: 2.077 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

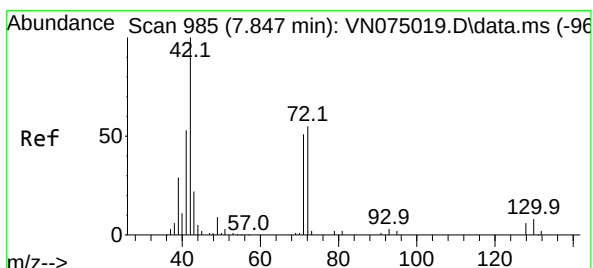
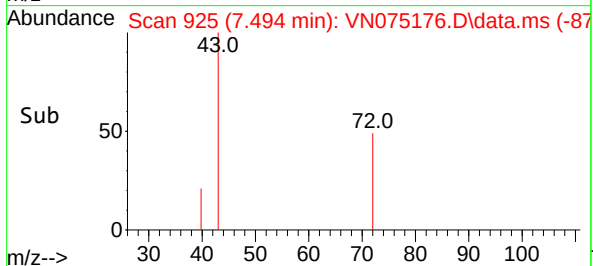
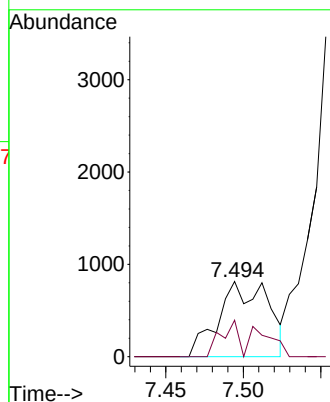
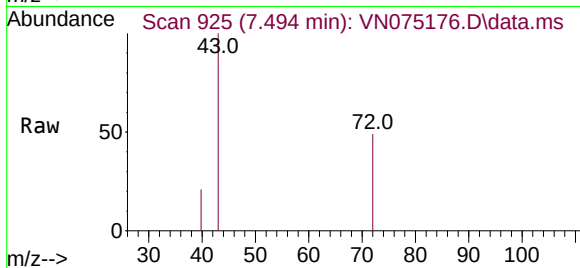
PTS-TP-COMP-1103

Tgt Ion: 43 Resp: 1804

Ion Ratio Lower Upper

43 100

72 48.6 25.5 38.3#



#29

Tetrahydrofuran

Concen: 0.515 ug/l

RT: 7.859 min Scan# 987

Delta R.T. 0.012 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

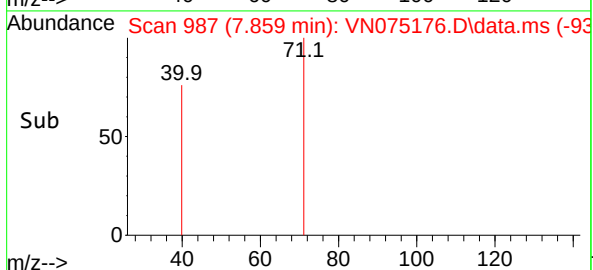
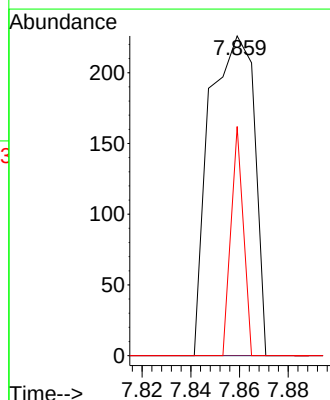
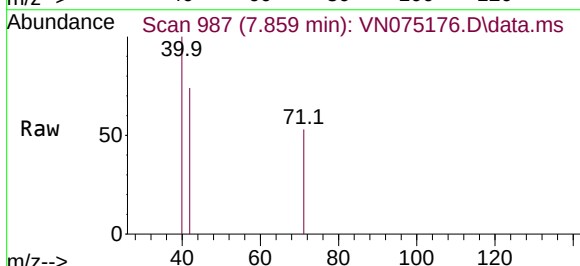
Tgt Ion: 42 Resp: 289

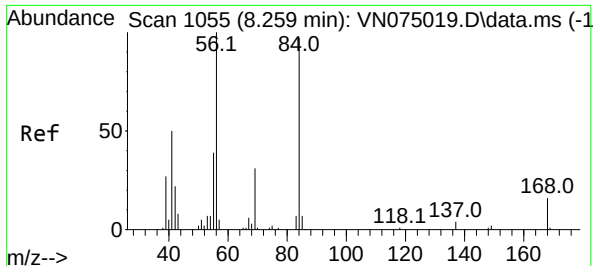
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.6#

71 19.7 39.9 59.9#

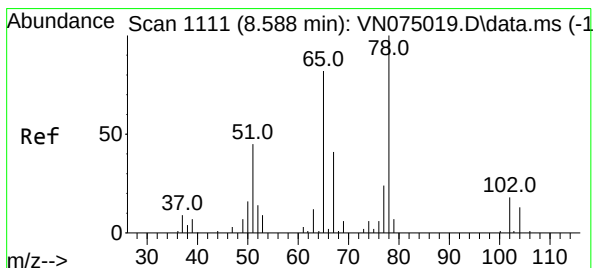
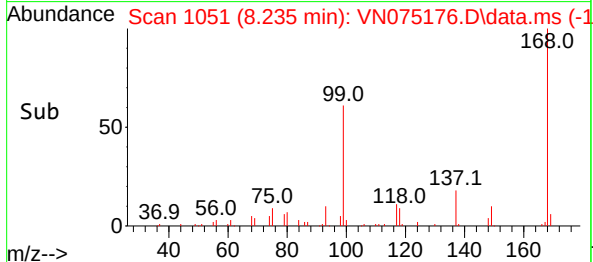
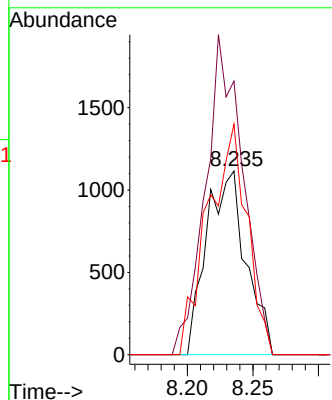
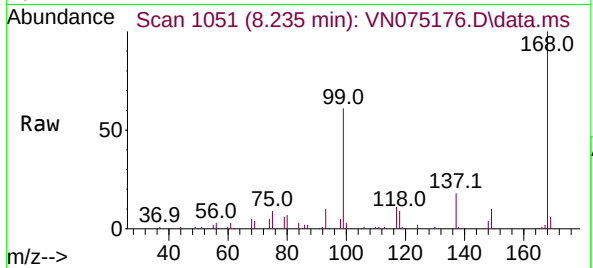




#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.024 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

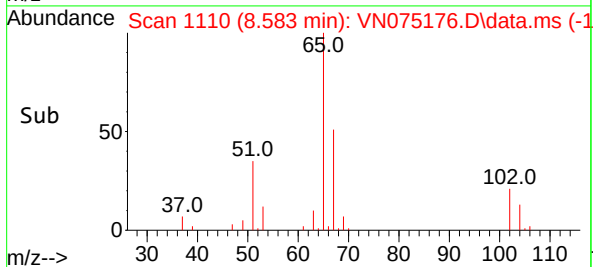
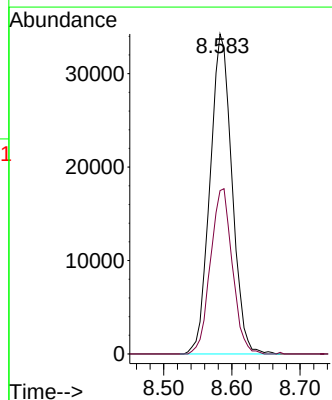
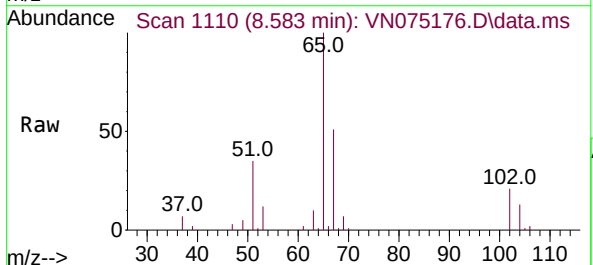
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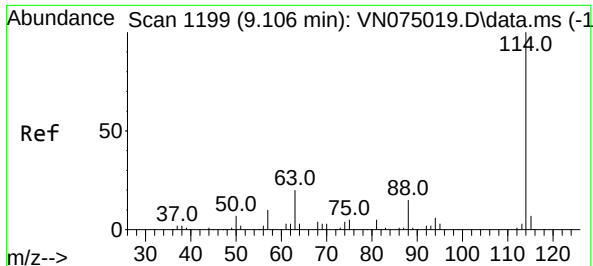
Tgt Ion: 56 Resp: 2340
Ion Ratio Lower Upper
56 100
69 149.0 25.2 37.8#
84 125.5 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 58.921 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 65 Resp: 76832
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

PTS-TP-COMP-1103

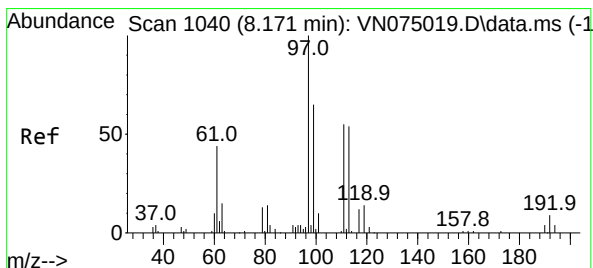
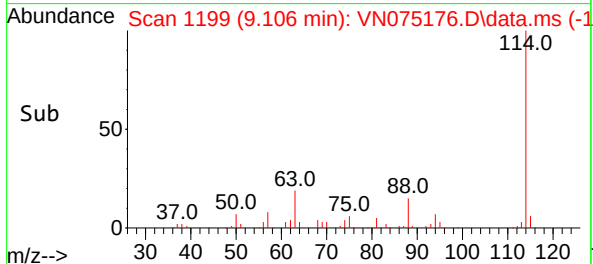
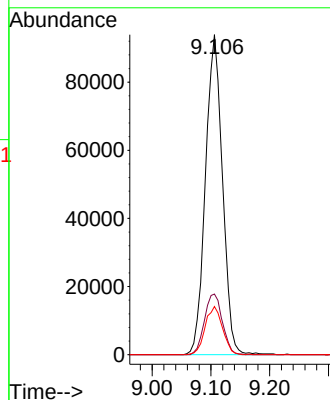
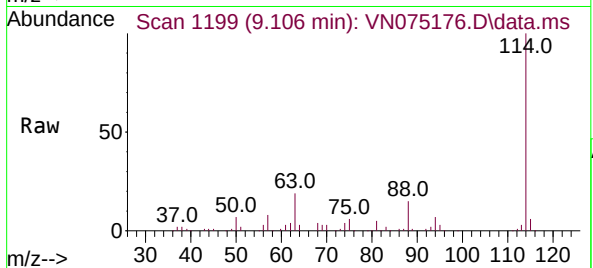
Tgt Ion:114 Resp: 189175

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.117 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

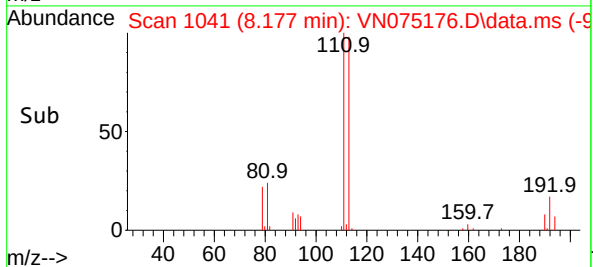
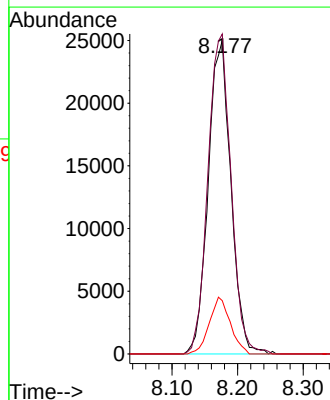
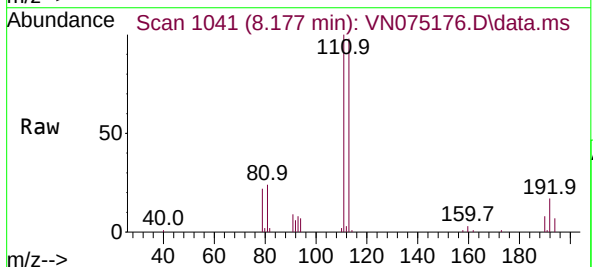
Tgt Ion:113 Resp: 60100

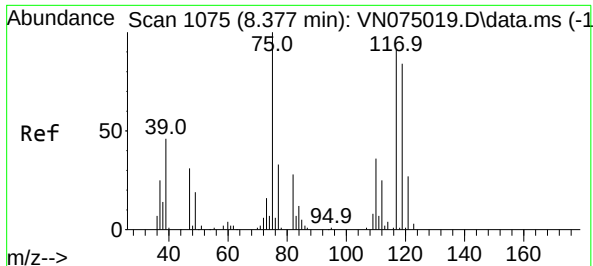
Ion Ratio Lower Upper

113 100

111 103.8 80.5 120.7

192 16.7 13.2 19.8

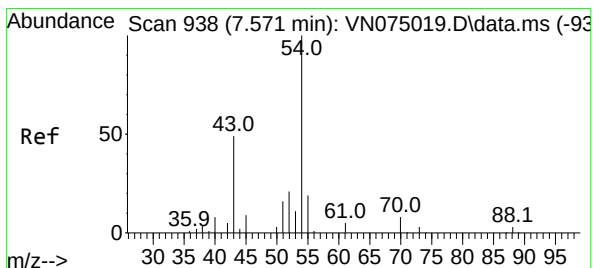
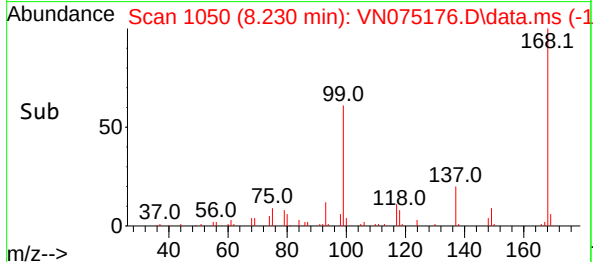
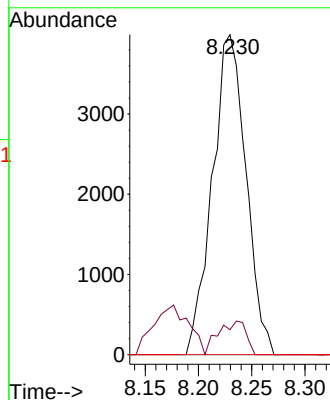
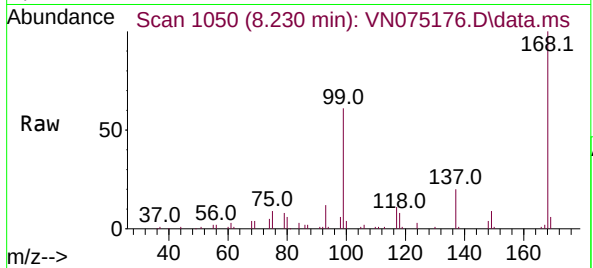




#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

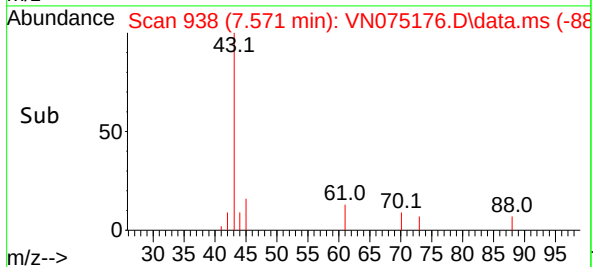
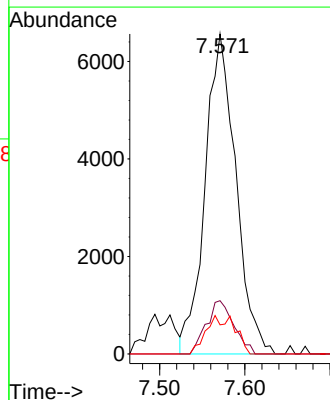
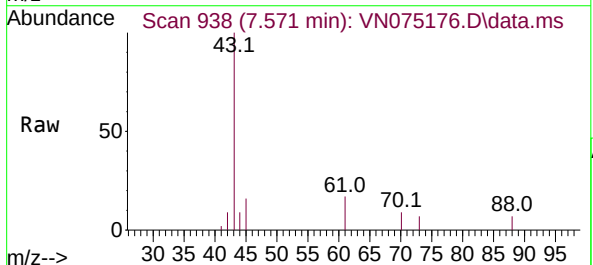
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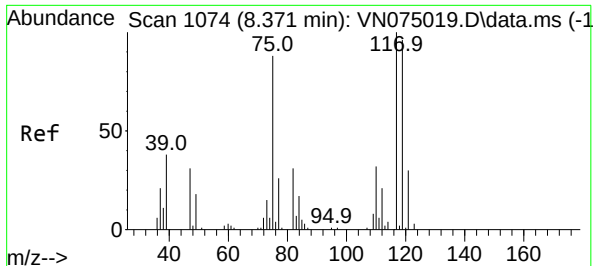
Tgt Ion: 75 Resp: 8761
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 8.742 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

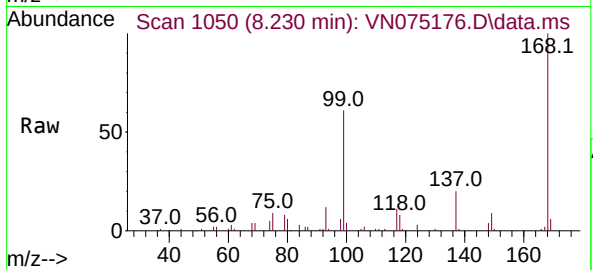
Tgt Ion: 43 Resp: 16483
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.4
70 11.2 9.4 14.2



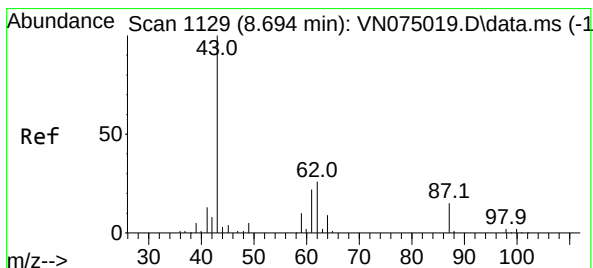
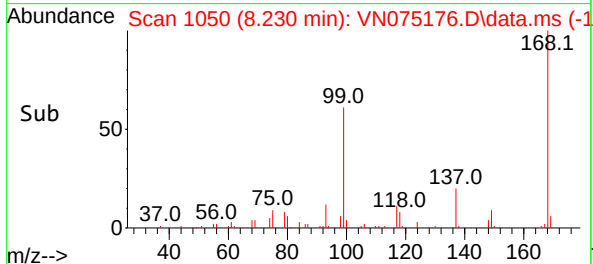
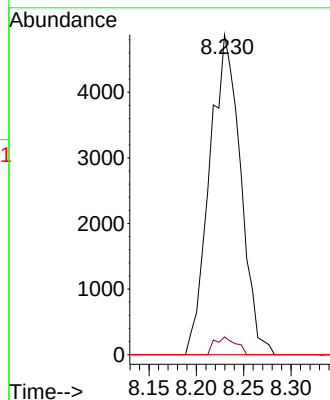


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

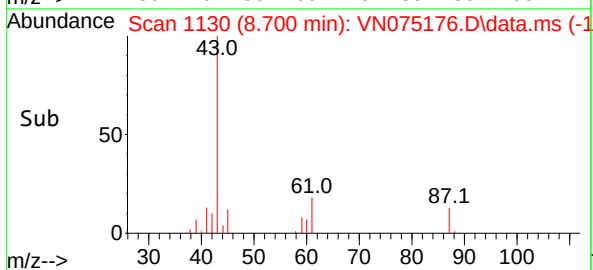
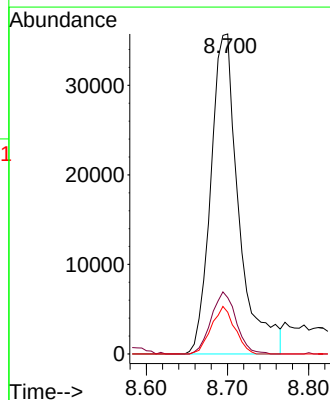
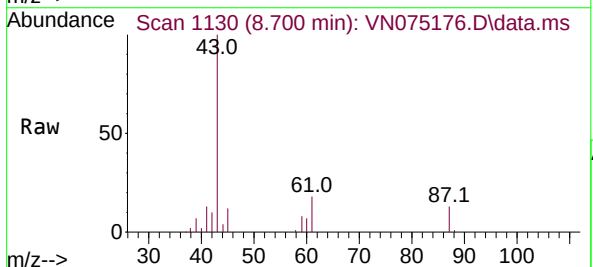


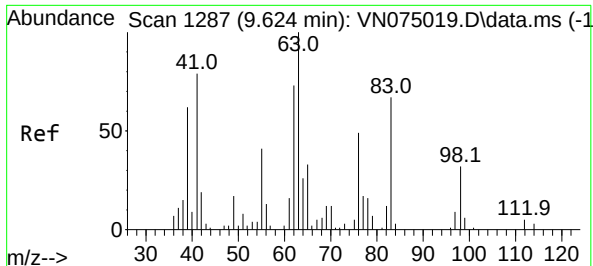
Tgt Ion:117 Resp: 11105
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 29.370 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 43 Resp: 85901
Ion Ratio Lower Upper
43 100
61 17.3 22.4 33.6#
87 12.4 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.729 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

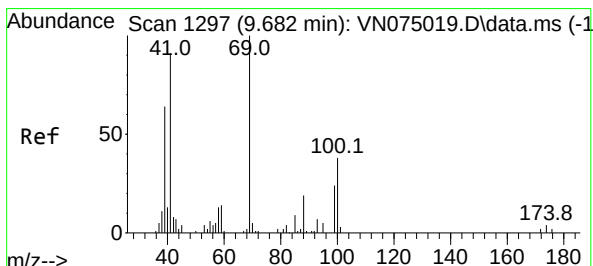
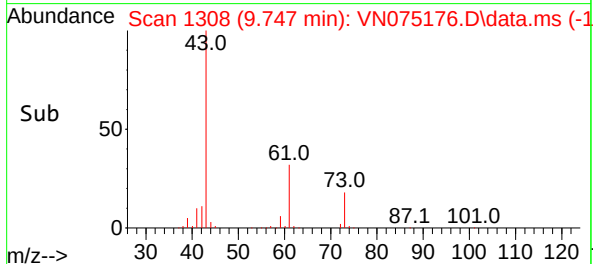
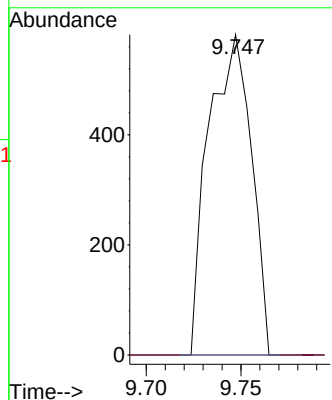
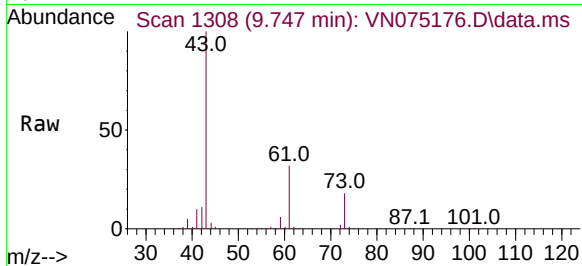
PTS-TP-COMP-1103

Tgt Ion: 63 Resp: 913

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.584 ug/l

RT: 9.671 min Scan# 1295

Delta R.T. -0.011 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

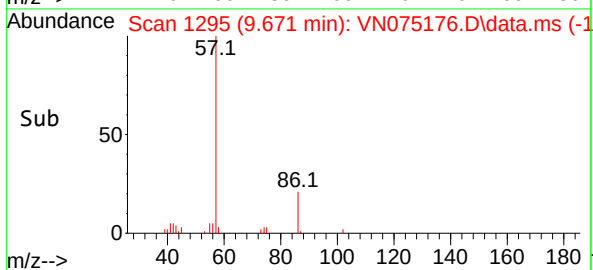
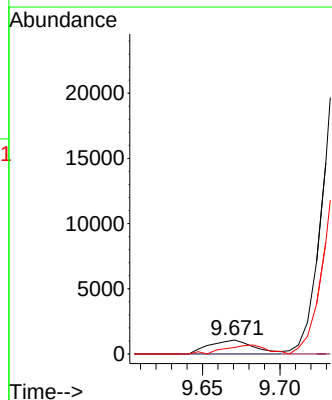
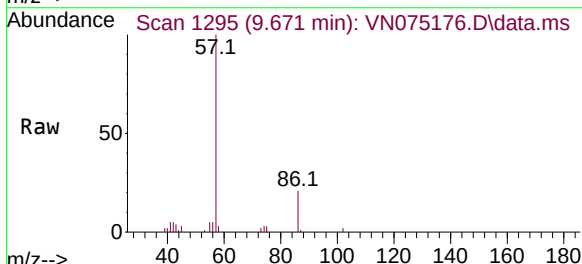
Tgt Ion: 41 Resp: 2125

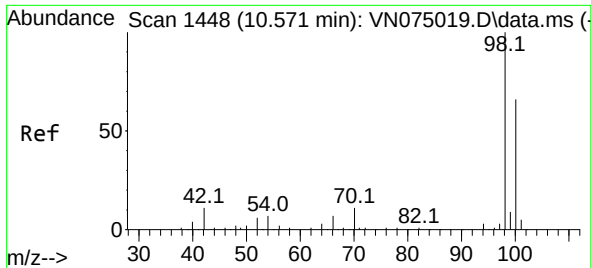
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 59.8 56.2 84.2

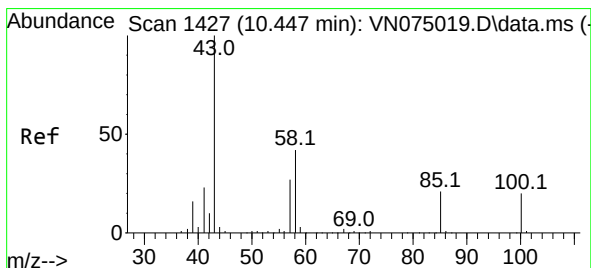
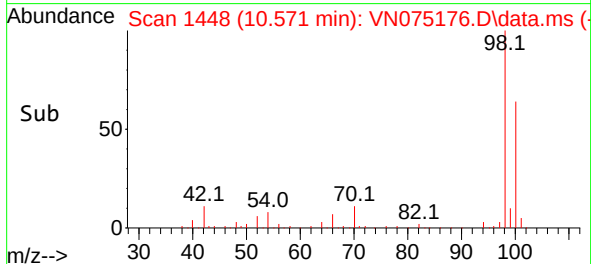
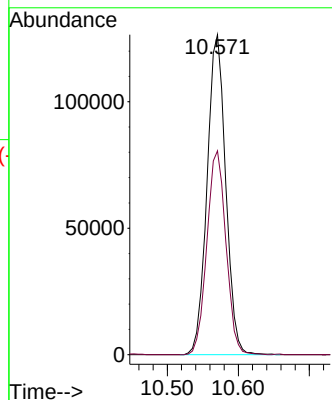
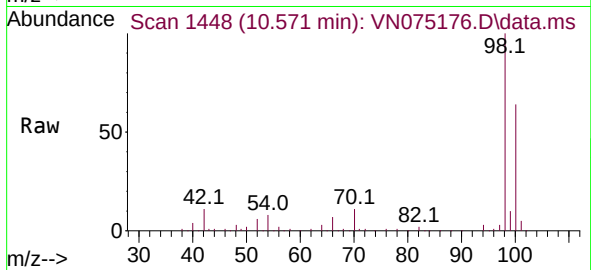




#50
Toluene-d8
Concen: 53.544 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

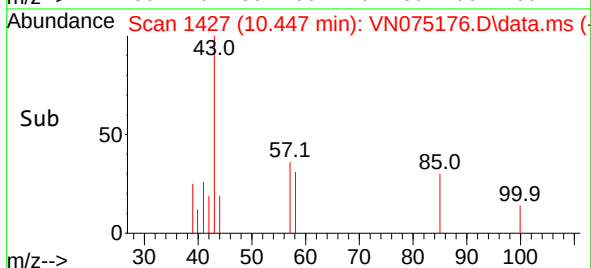
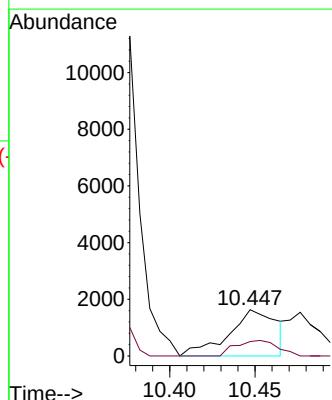
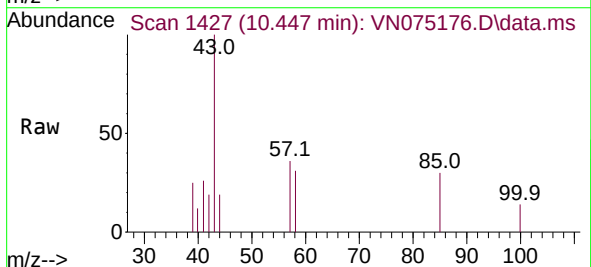
Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

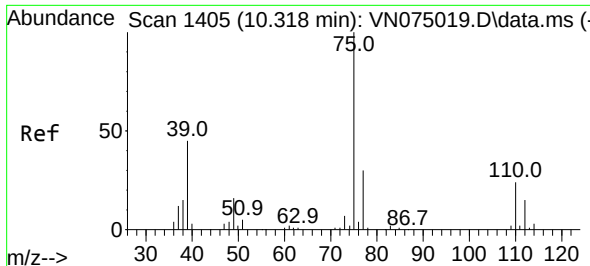
Tgt Ion: 98 Resp: 230702
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 1.689 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
58 29.5 33.6 50.4#

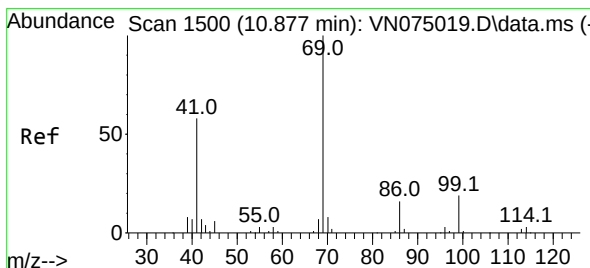
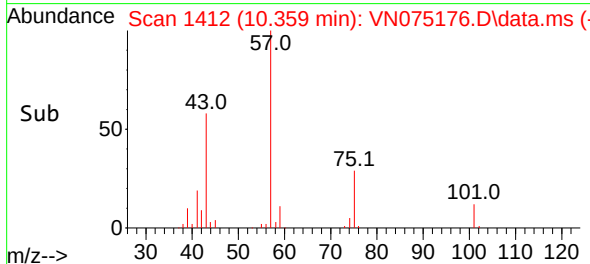
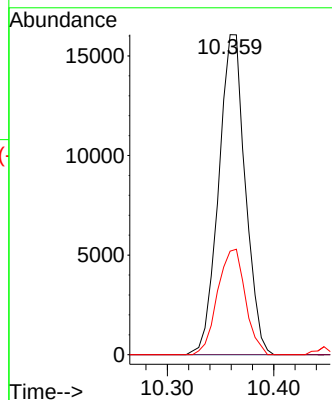
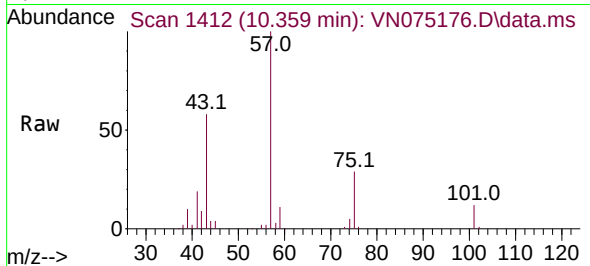




#54
 cis-1,3-Dichloropropene
 Concen: 13.179 ug/l
 RT: 10.359 min Scan# 1405
 Delta R.T. 0.041 min
 Lab File: VN075176.D
 Acq: 04 Nov 2022 15:45

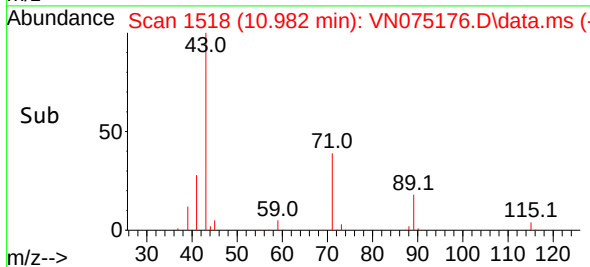
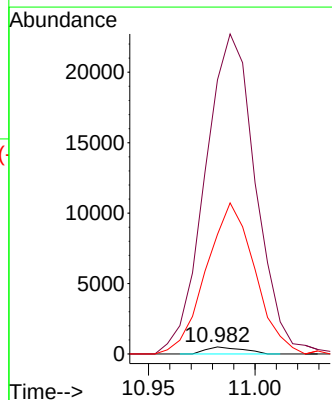
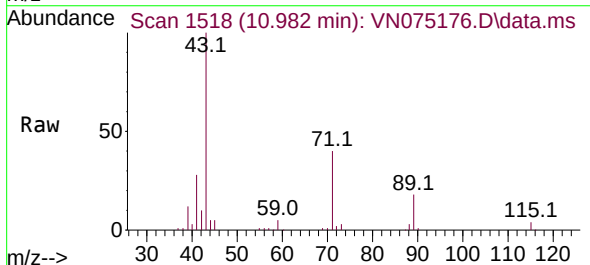
Instrument :
 MSVOA_N
 ClientSampleId :
 PTS-TP-COMP-1103

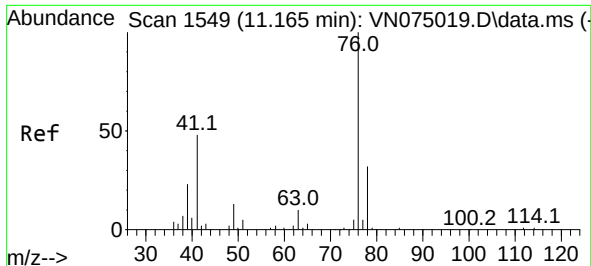
Tgt Ion: 75 Resp: 27888
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 32.3 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.283 ug/l
 RT: 10.982 min Scan# 1518
 Delta R.T. 0.105 min
 Lab File: VN075176.D
 Acq: 04 Nov 2022 15:45

Tgt Ion: 69 Resp: 602
 Ion Ratio Lower Upper
 69 100
 41 6273.4 45.6 68.4#
 39 2848.2 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.705 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN075176.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

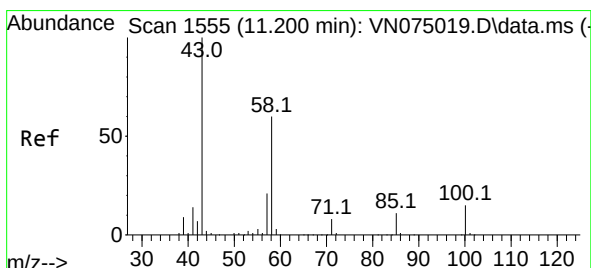
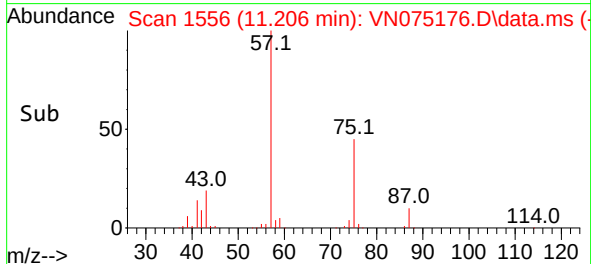
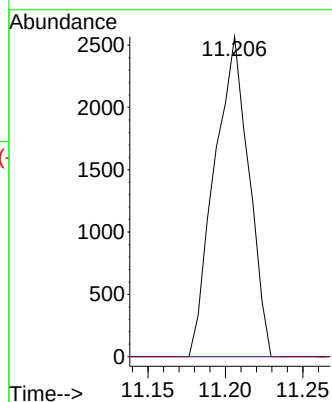
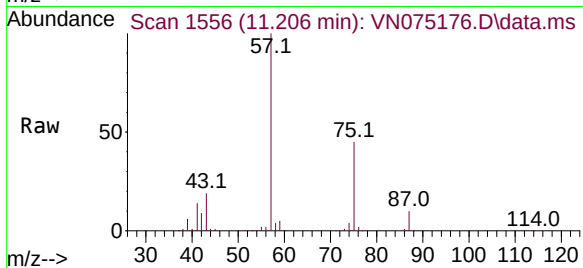
PTS-TP-COMP-1103

Tgt Ion: 76 Resp: 3962

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 40.306 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. -0.029 min

Lab File: VN075176.D

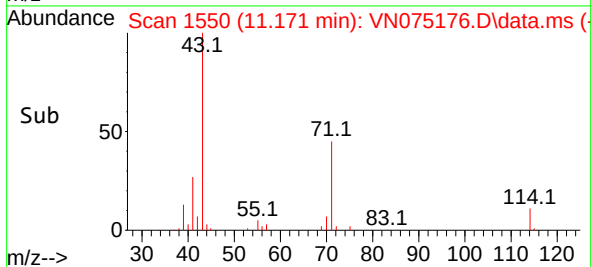
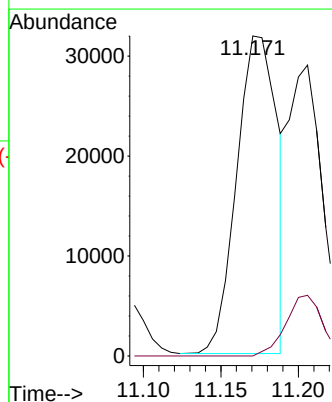
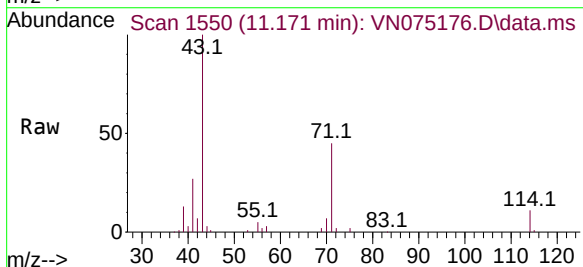
Acq: 04 Nov 2022 15:45

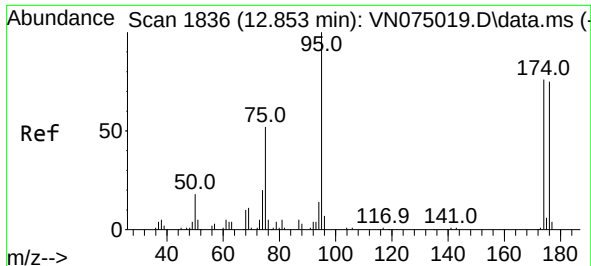
Tgt Ion: 43 Resp: 57736

Ion Ratio Lower Upper

43 100

58 0.0 29.6 88.8#

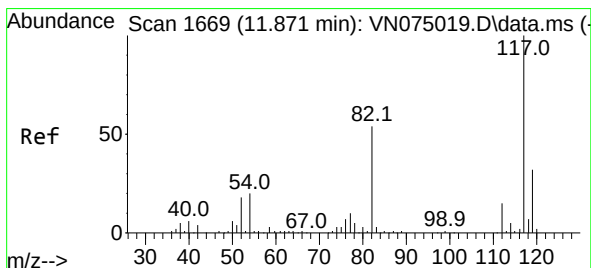
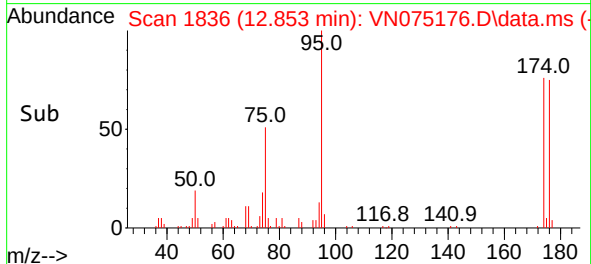
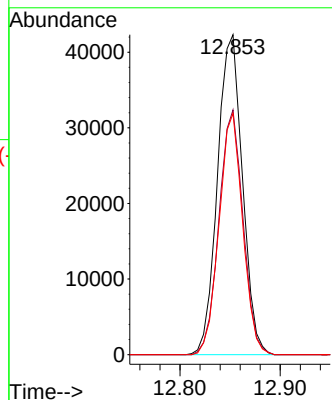
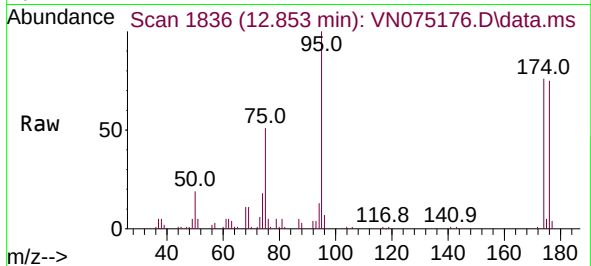




#62
4-Bromofluorobenzene
Concen: 48.236 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

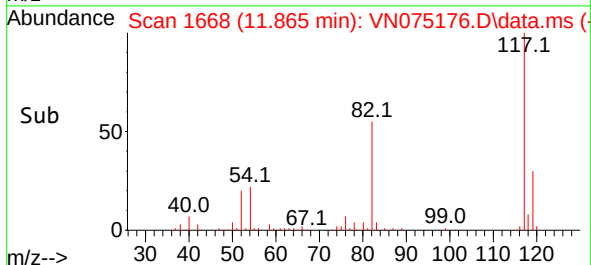
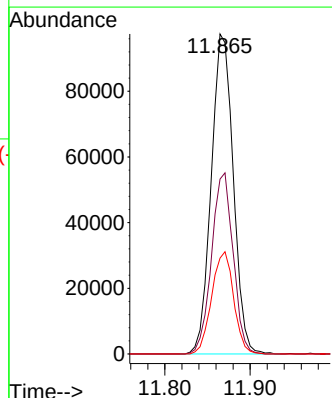
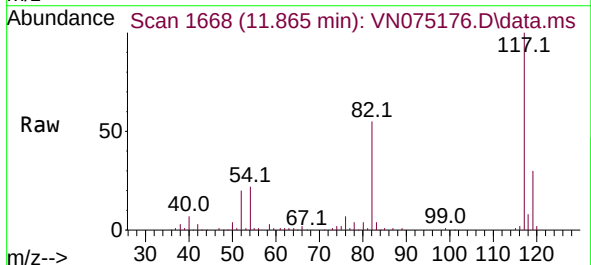
Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

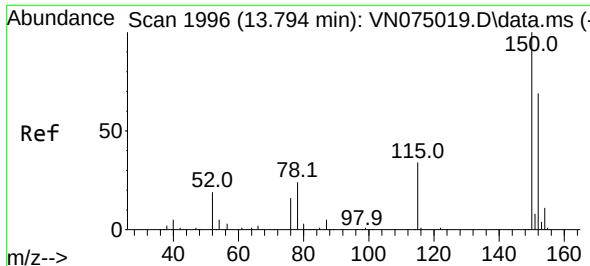
Tgt Ion: 95 Resp: 73007
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 71.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 117 Resp: 174933
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 29.9 25.5 38.3

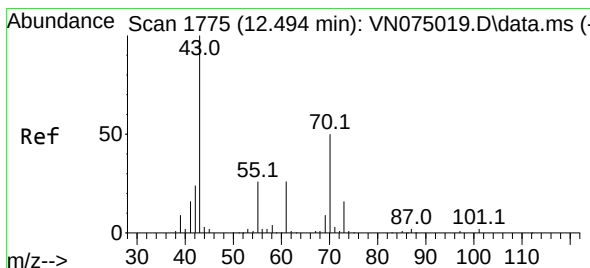
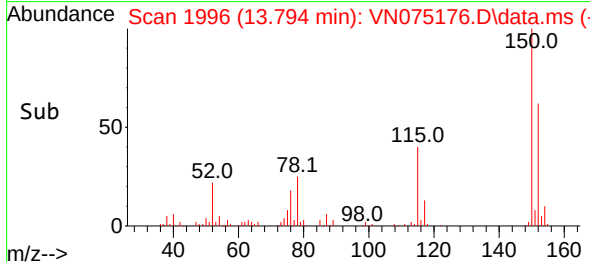
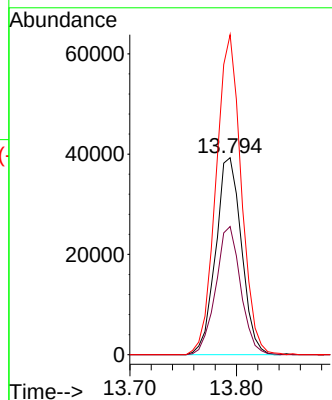
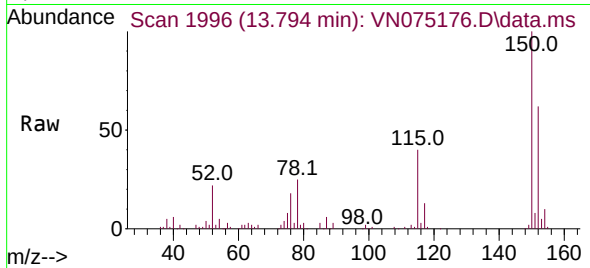




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

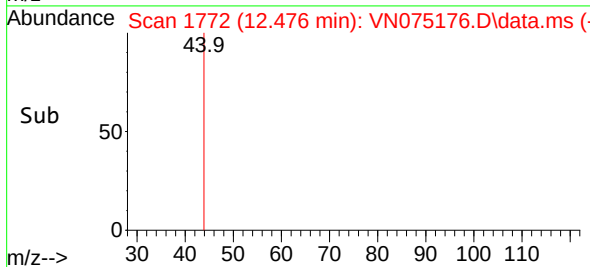
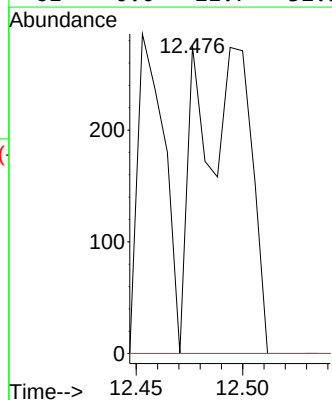
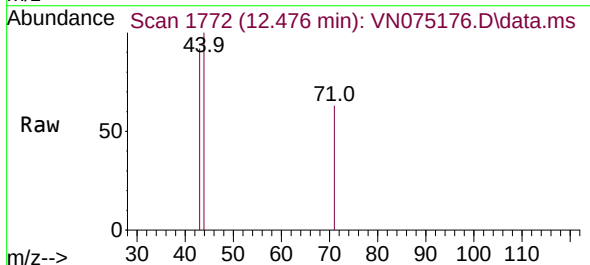
Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

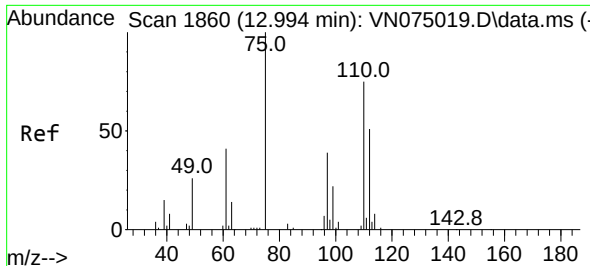
Tgt Ion:152 Resp: 65848
Ion Ratio Lower Upper
152 100
115 63.0 30.2 90.6
150 159.1 0.0 348.4



#74
N-ethyl acetate
Concen: 0.235 ug/l
RT: 12.476 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

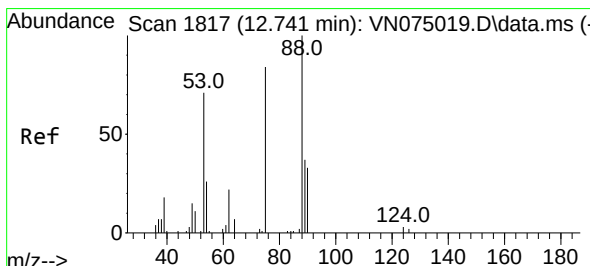
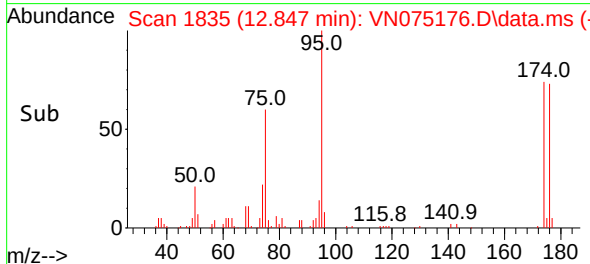
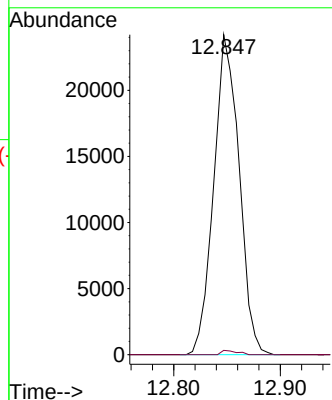
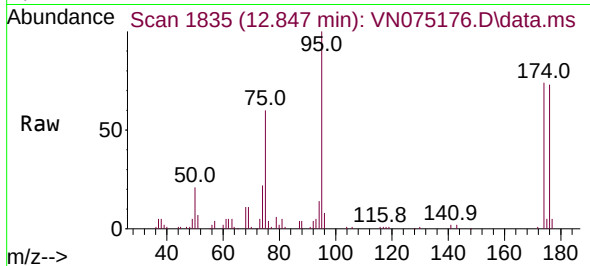




#76
1,2,3-Trichloropropane
Concen: 28.565 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
PTS-TP-COMP-1103

Tgt Ion: 75 Resp: 39938
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.327 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075176.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 75 Resp: 39938
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

