

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075478.D
 Acq On : 29 Nov 2022 16:03
 Operator : JC\MD
 Sample : PB149314ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#04

Quant Time: Nov 30 02:28:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

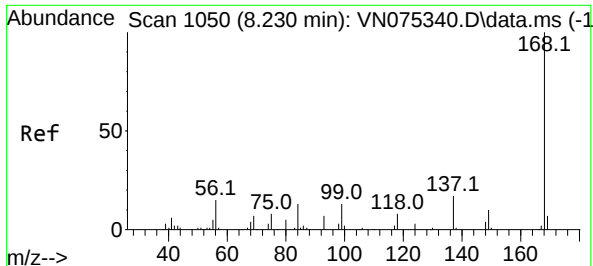
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	127987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	233342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	39023	56.801	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.600%			
35) Dibromofluoromethane	8.171	113	46706	50.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	10.565	98	102732	49.760	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.853	95	67478	44.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.530	59	254	0.881	ug/l #	72
16) Acetone	4.453	43	12321	19.227	ug/l	94
18) Methyl Acetate	5.042	43	3809	1.091	ug/l #	76
20) Methylene Chloride	5.289	84	7407	4.537	ug/l #	63
25) 2-Butanone	7.494	43	850	0.950	ug/l #	84
29) Tetrahydrofuran	7.859	42	122	0.224	ug/l #	26
31) Cyclohexane	8.230	56	2385	1.093	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	9930	4.968	ug/l #	51
37) Ethyl Acetate	7.571	43	17827	9.904	ug/l	98
38) Carbon Tetrachloride	8.235	117	13092	5.962	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	559	0.273	ug/l #	75
43) Isopropyl Acetate	8.688	43	167995	58.147	ug/l #	74
45) 1,2-Dichloropropane	9.747	63	1048	0.719	ug/l #	42
48) Methyl methacrylate	9.741	41	73259	54.838	ug/l #	33
51) 4-Methyl-2-Pentanone	10.359	43	61009	33.154	ug/l #	44
54) cis-1,3-Dichloropropene	10.359	75	34804	14.941	ug/l #	64
56) Ethyl methacrylate	10.982	69	809	0.373	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4309	1.645	ug/l #	42
59) 2-Hexanone	11.200	43	48311	34.963	ug/l #	52
71) Bromoform	12.847	173	357	0.289	ug/l #	28
74) N-amyl acetate	12.488	43	759	0.421	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	34237	22.563	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	34237	66.758	ug/l #	10

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

Quant Time: Nov 30 02:28:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

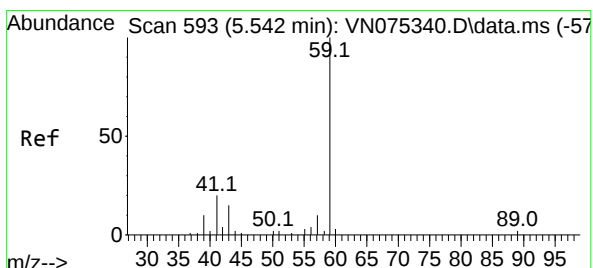
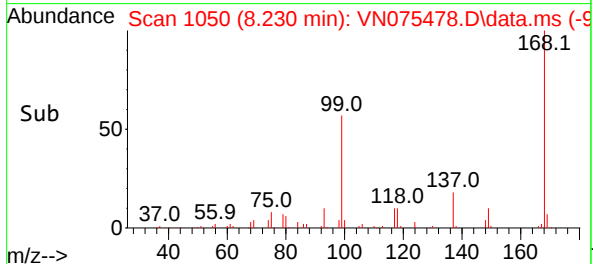
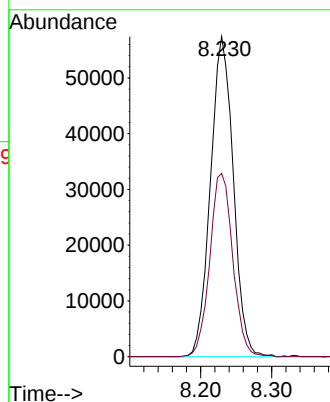
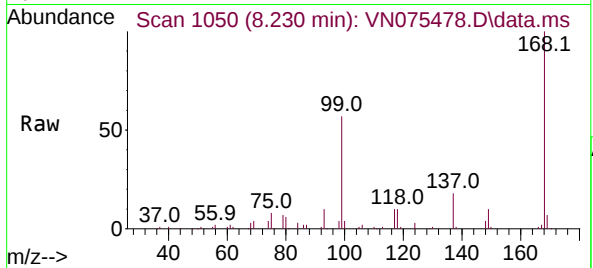




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

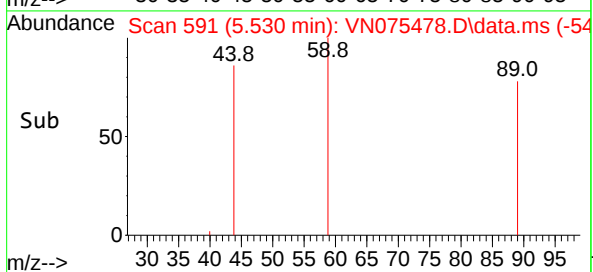
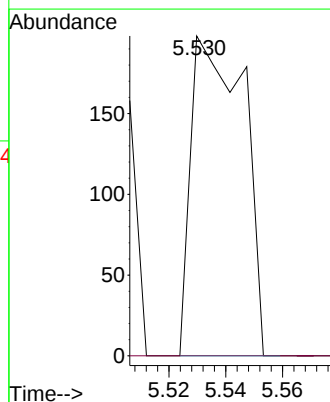
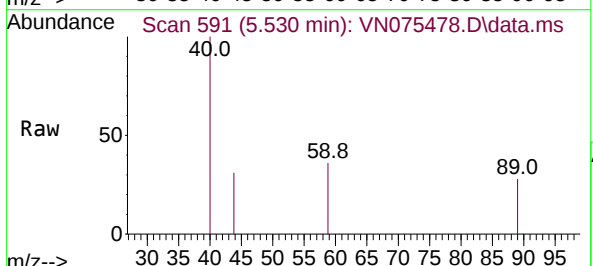
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

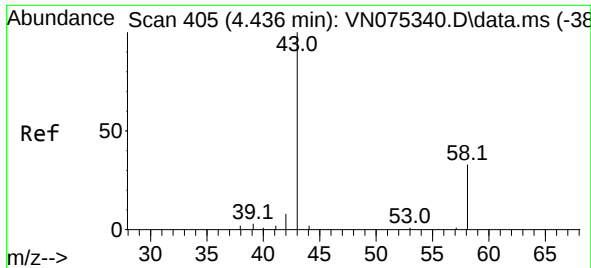
Tgt Ion:168 Resp: 127987
Ion Ratio Lower Upper
168 100
99 57.3 51.6 77.4



#11
Tert butyl alcohol
Concen: 0.881 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

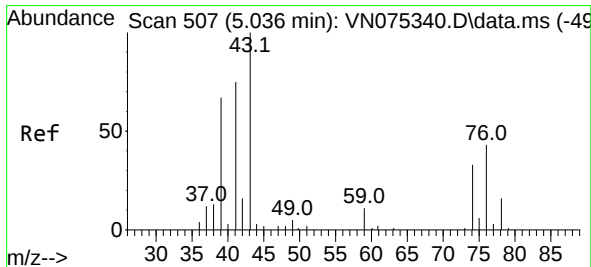
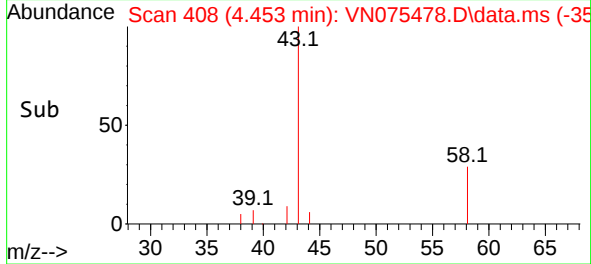
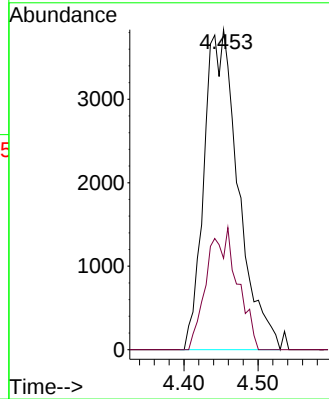
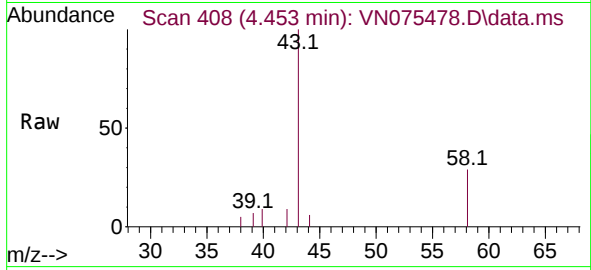




#16
Acetone
Concen: 19.227 ug/l
RT: 4.453 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

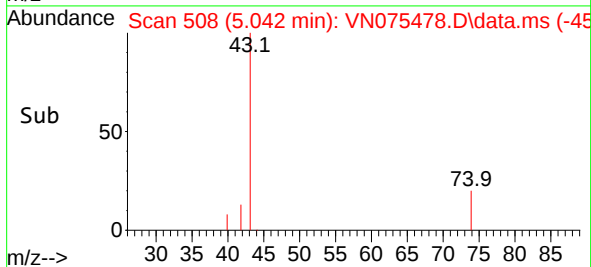
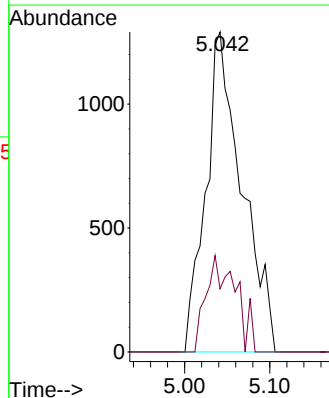
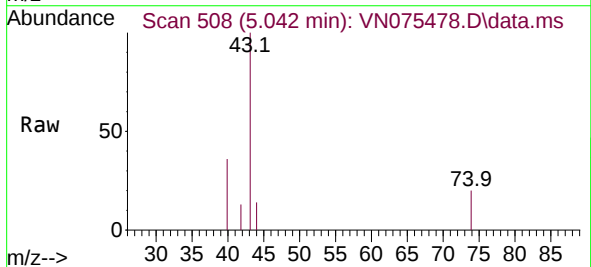
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

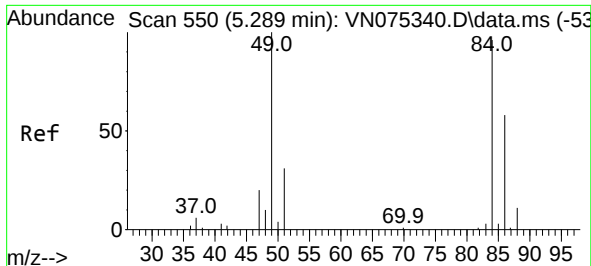
Tgt Ion: 43 Resp: 12321
Ion Ratio Lower Upper
43 100
58 28.6 25.5 38.3



#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion: 43 Resp: 3809
Ion Ratio Lower Upper
43 100
74 14.9 22.0 33.0#

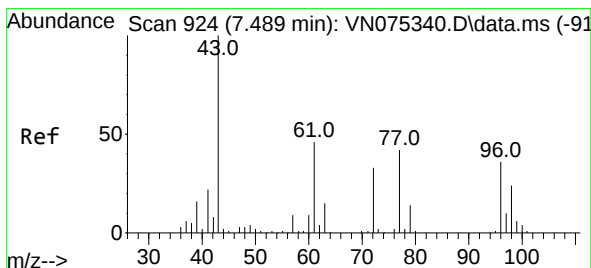
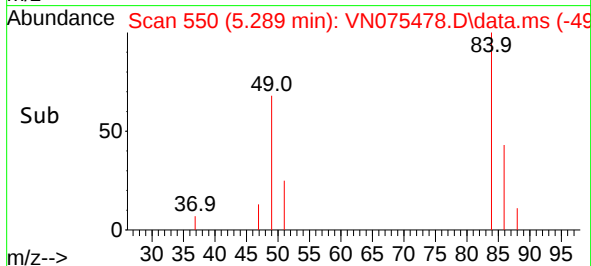
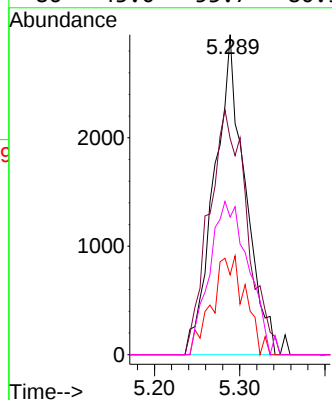
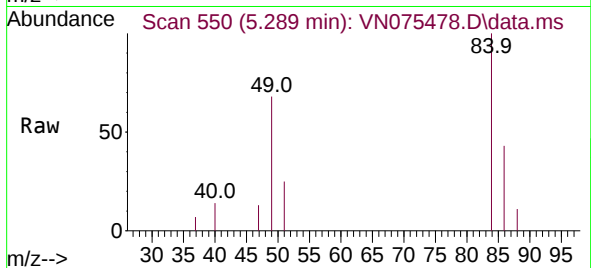




#20
Methylene Chloride
Concen: 4.537 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

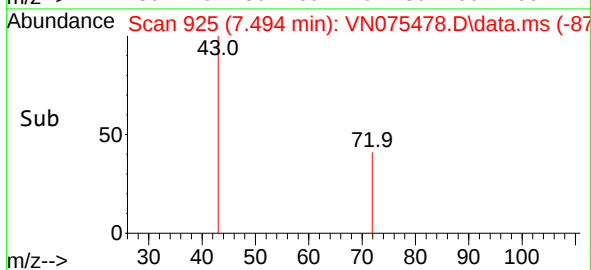
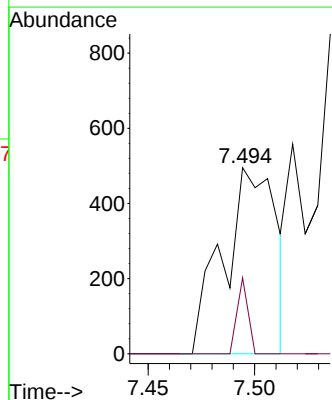
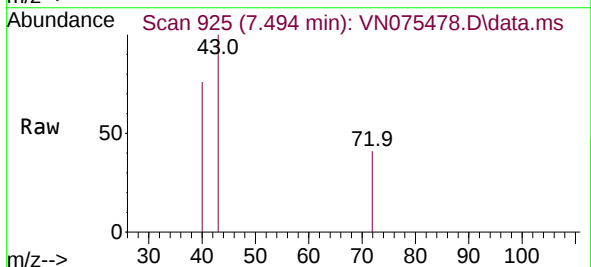
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

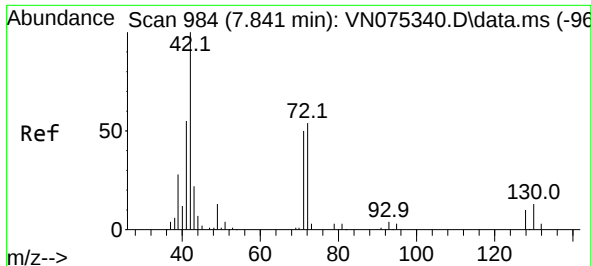
Tgt Ion:	84	Resp:	7407
Ion	Ratio	Lower	Upper
84	100		
49	67.5	94.9	142.3#
51	24.9	26.8	40.2#
86	43.0	53.7	80.5#



#25
2-Butanone
Concen: 0.950 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.005 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion:	43	Resp:	850
Ion	Ratio	Lower	Upper
43	100		
72	40.8	25.5	38.3#





#29

Tetrahydrofuran

Concen: 0.224 ug/l

RT: 7.859 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN075478.D

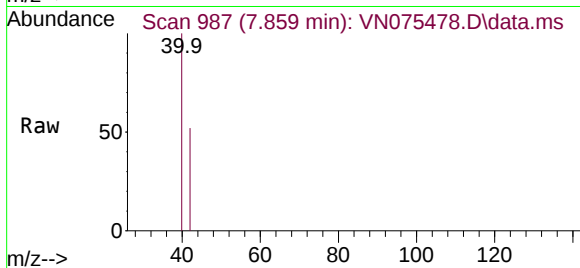
Acq: 29 Nov 2022 16:03

Instrument :

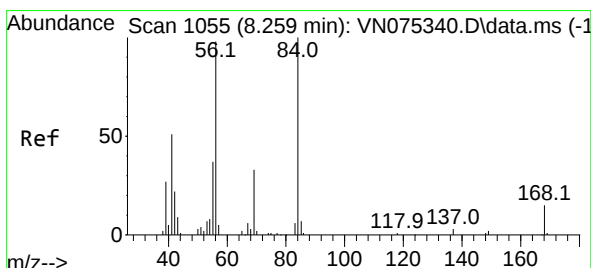
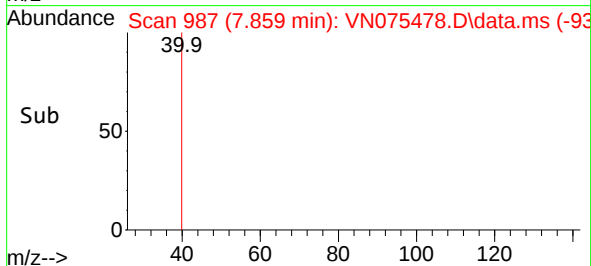
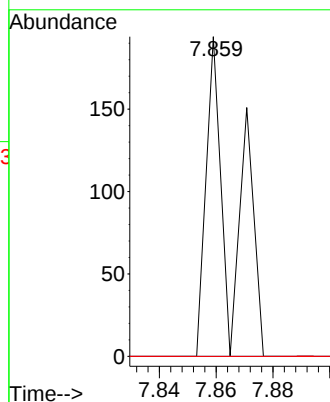
MSVOA_N

ClientSampleId :

PB149314ZHE#04



Tgt Ion:	42	Resp:	122
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.6#
71	0.0	39.9	59.9#



#31

Cyclohexane

Concen: 1.093 ug/l

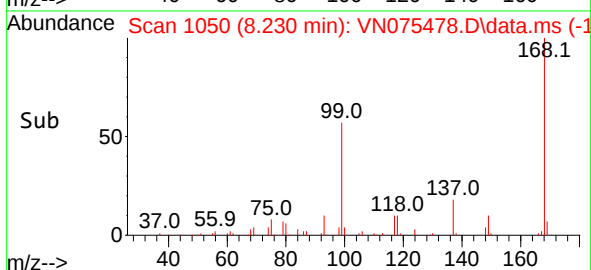
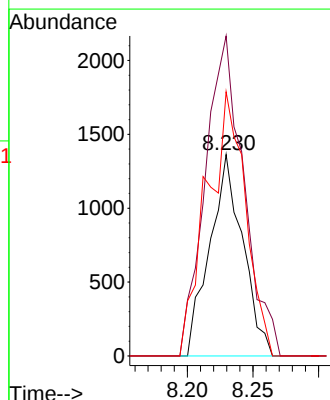
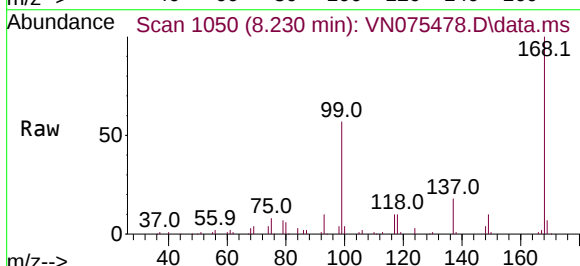
RT: 8.230 min Scan# 1050

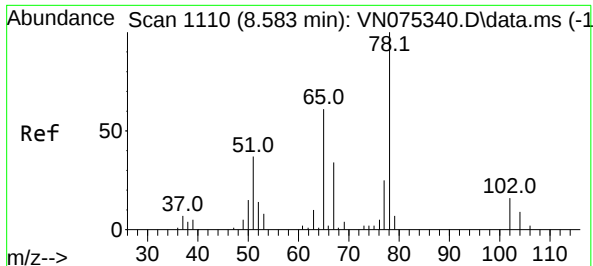
Delta R.T. -0.029 min

Lab File: VN075478.D

Acq: 29 Nov 2022 16:03

Tgt Ion:	56	Resp:	2385
Ion	Ratio	Lower	Upper
56	100		
69	158.9	25.2	37.8#
84	131.2	77.8	116.8#

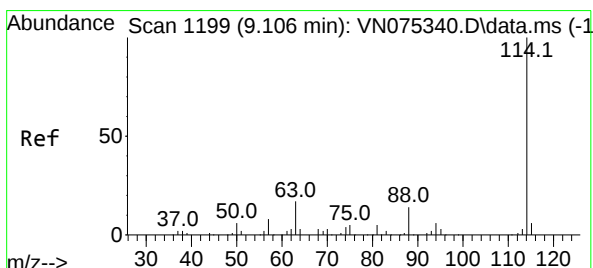
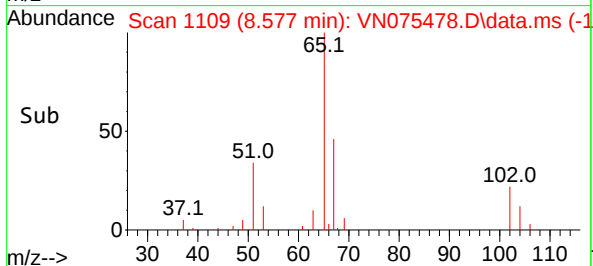
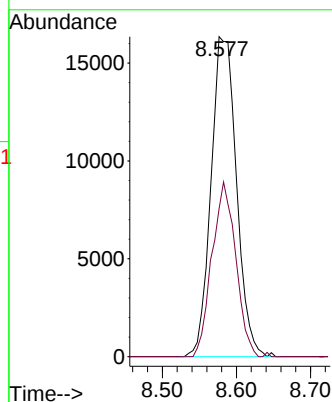
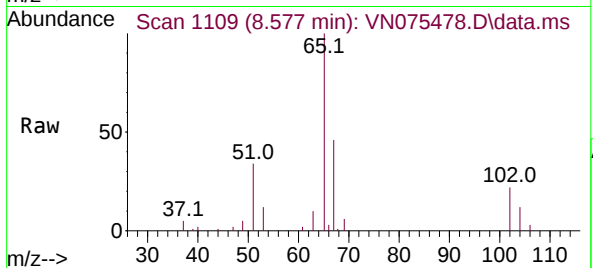




#33
 1,2-Dichloroethane-d4
 Concen: 56.801 ug/l
 RT: 8.577 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: VN075478.D
 Acq: 29 Nov 2022 16:03

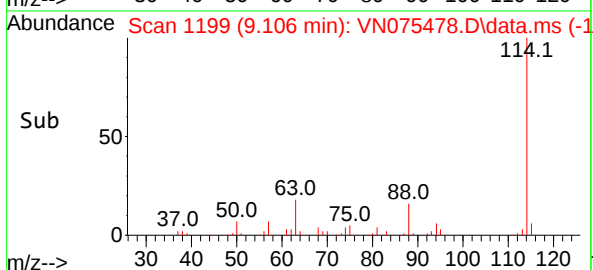
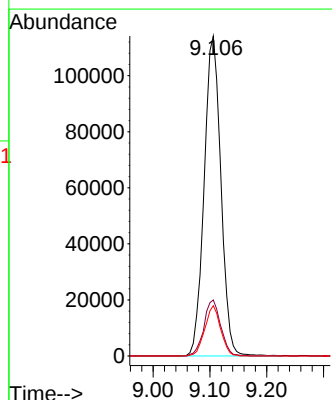
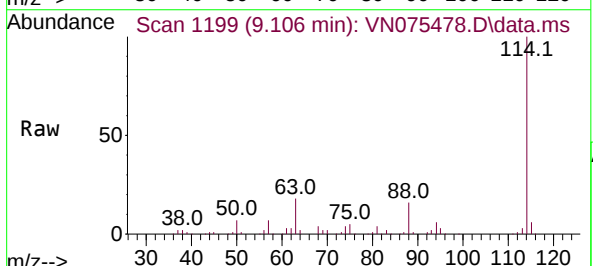
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#04

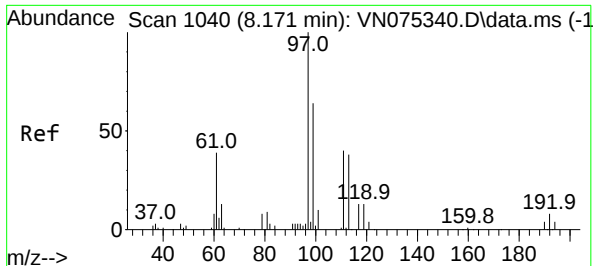
Tgt Ion: 65 Resp: 39023
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN075478.D
 Acq: 29 Nov 2022 16:03

Tgt Ion: 114 Resp: 233342
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.6
 88 15.7 0.0 29.0

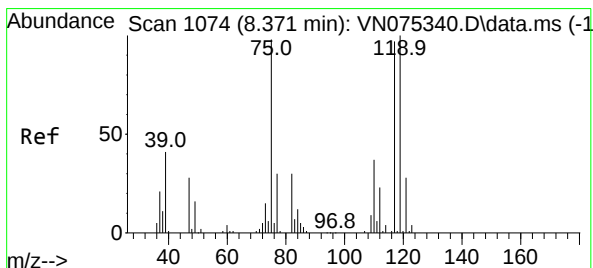
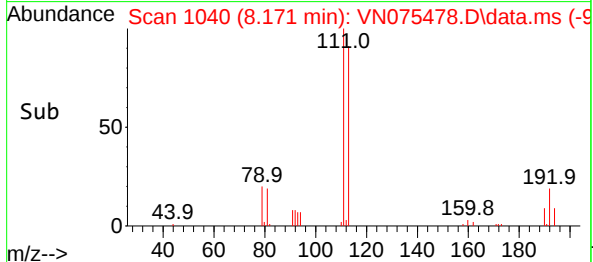
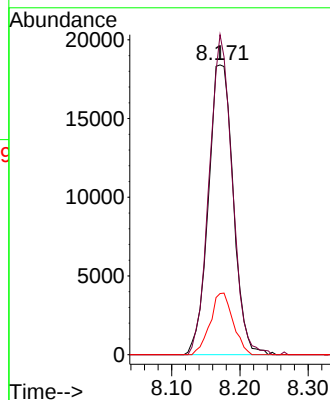
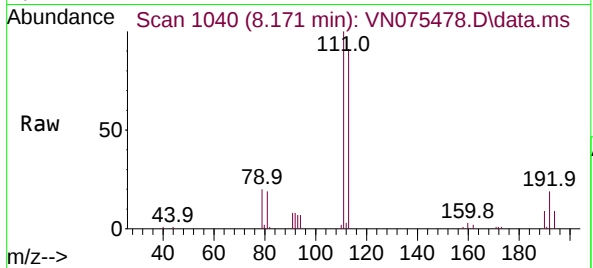




#35
Dibromofluoromethane
Concen: 50.953 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

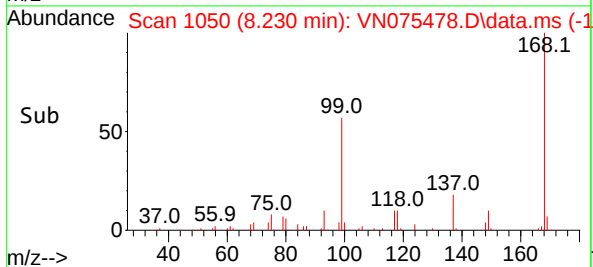
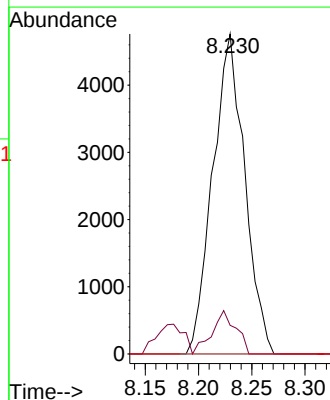
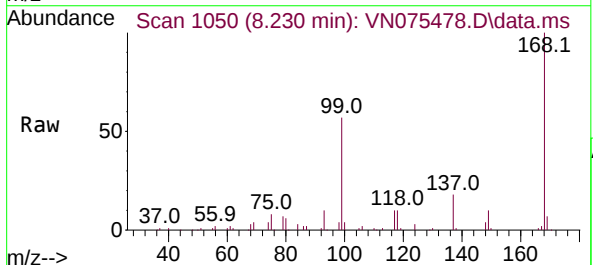
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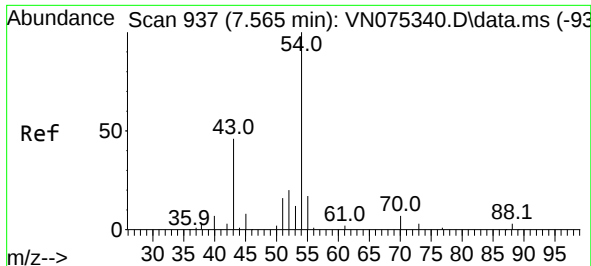
Tgt Ion:113 Resp: 46706
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 19.6 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion: 75 Resp: 9930
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.3#
77 0.0 24.6 37.0#

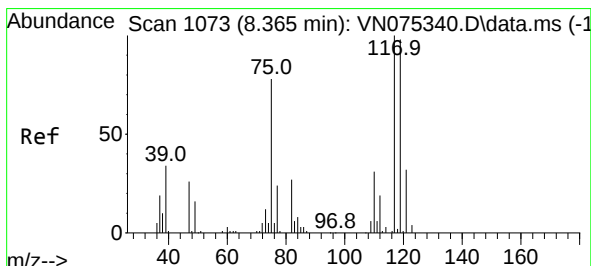
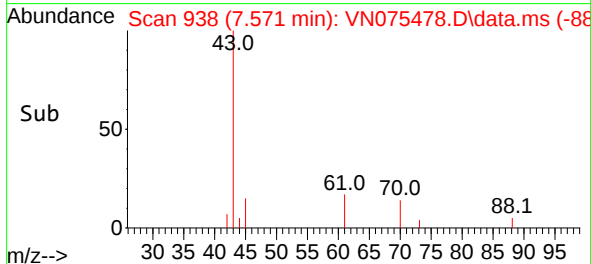
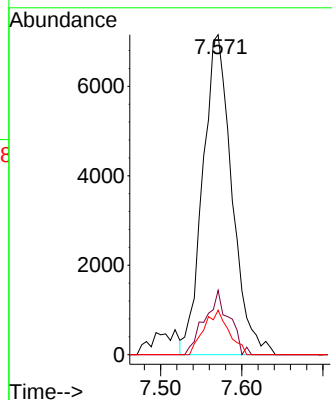
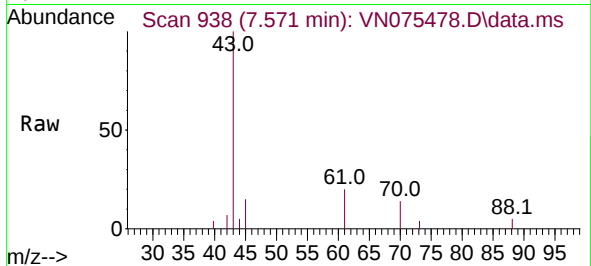




#37
Ethyl Acetate
Concen: 9.904 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

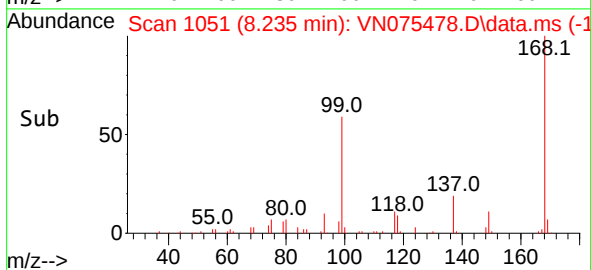
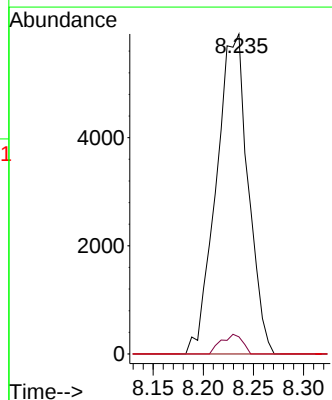
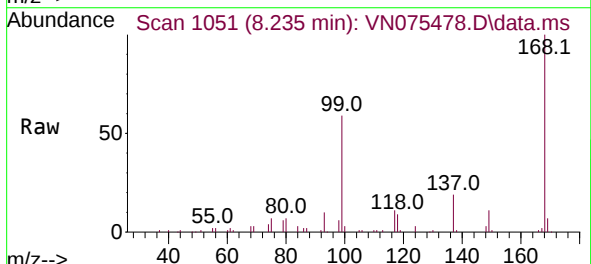
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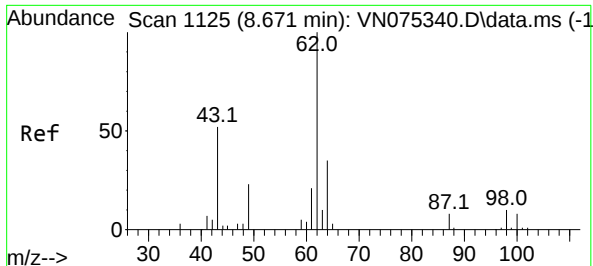
Tgt Ion:	43	Resp:	17827
Ion	Ratio	Lower	Upper
43	100		
61	16.9	12.2	18.4
70	11.9	9.4	14.2



#38
Carbon Tetrachloride
Concen: 5.962 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion:	117	Resp:	13092
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.7	115.1#
121	0.0	23.9	35.9#





#42

1,2-Dichloroethane

Concen: 0.273 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN075478.D

Acq: 29 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

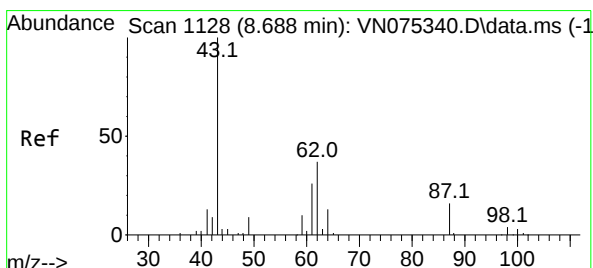
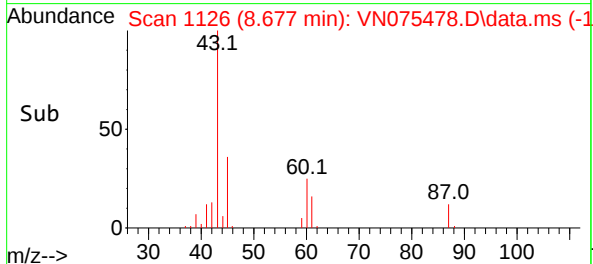
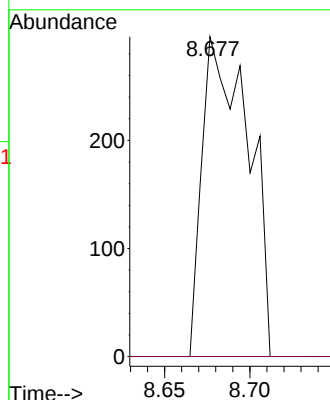
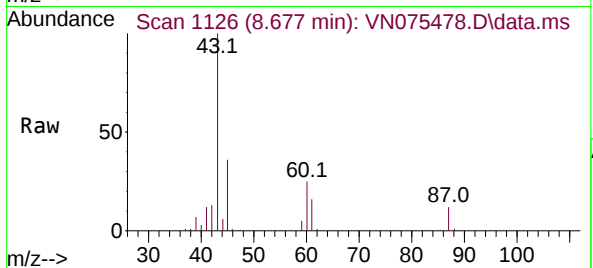
PB149314ZHE#04

Tgt Ion: 62 Resp: 559

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 58.147 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN075478.D

Acq: 29 Nov 2022 16:03

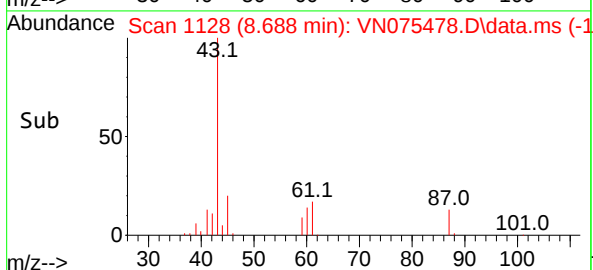
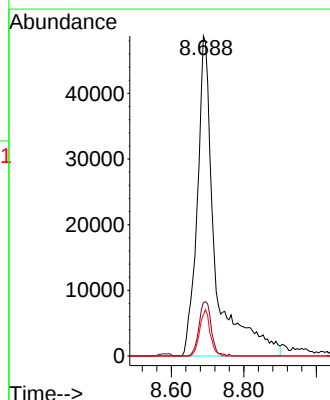
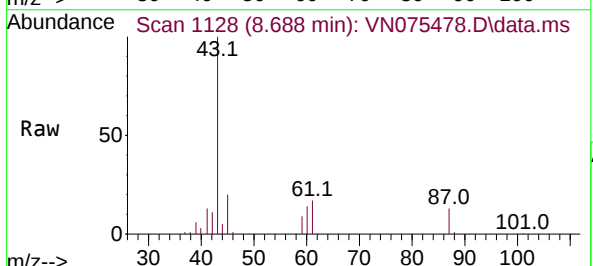
Tgt Ion: 43 Resp: 167995

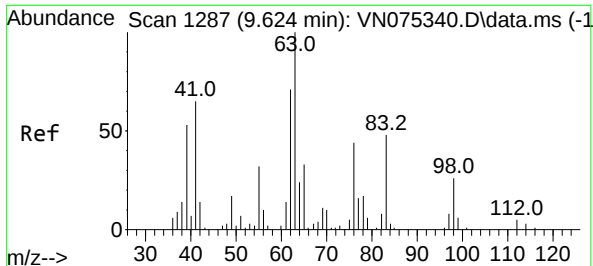
Ion Ratio Lower Upper

43 100

61 11.6 22.4 33.6#

87 8.4 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.719 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075478.D

Acq: 29 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

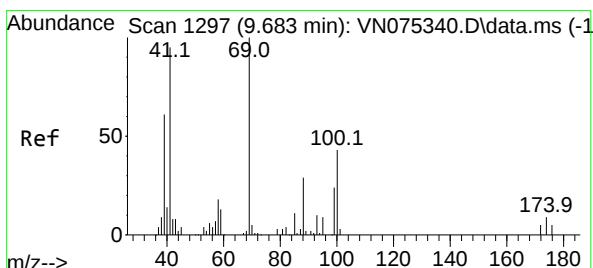
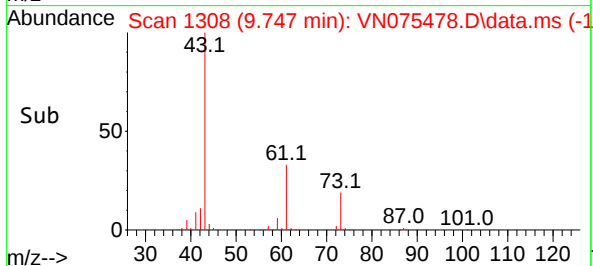
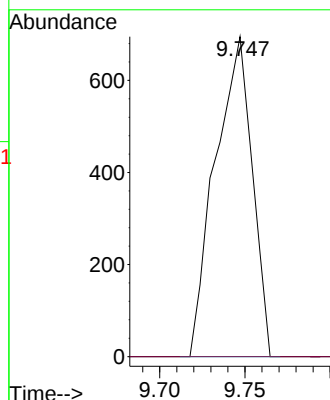
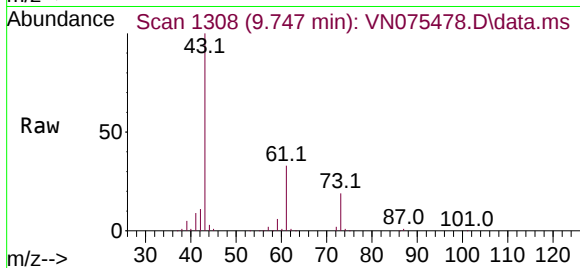
PB149314ZHE#04

Tgt Ion: 63 Resp: 1048

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 54.838 ug/l

RT: 9.741 min Scan# 1307

Delta R.T. 0.058 min

Lab File: VN075478.D

Acq: 29 Nov 2022 16:03

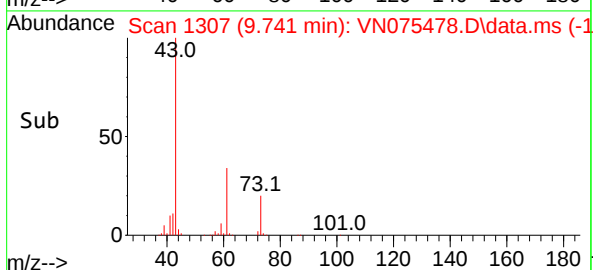
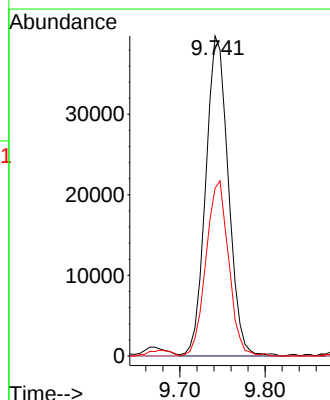
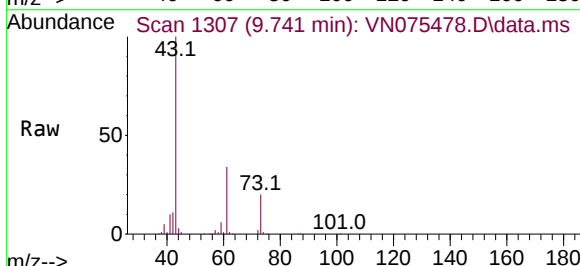
Tgt Ion: 41 Resp: 73259

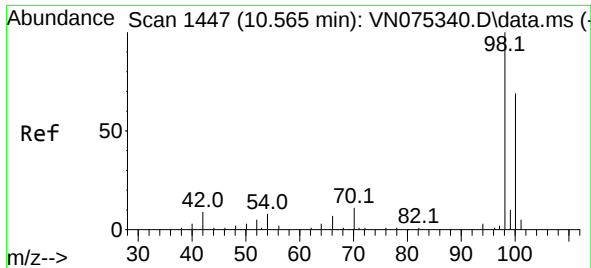
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 54.9 56.2 84.2#

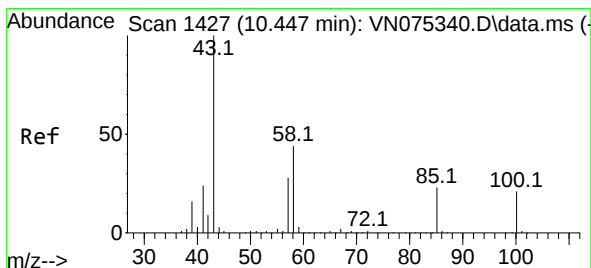
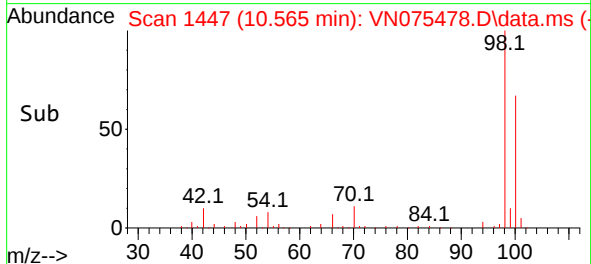
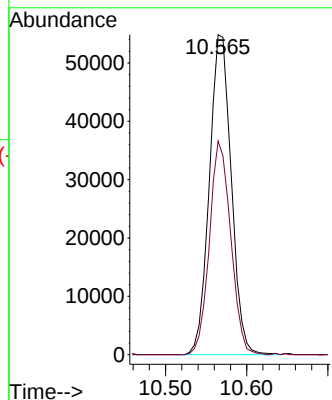
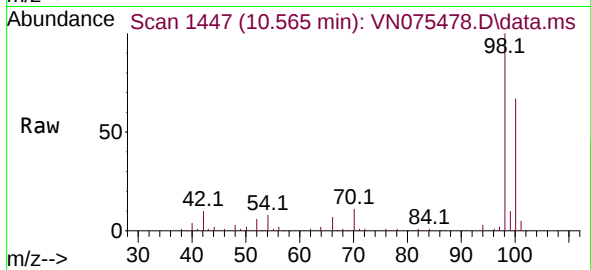




#50
Toluene-d8
Concen: 49.760 ug/l
RT: 10.565 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

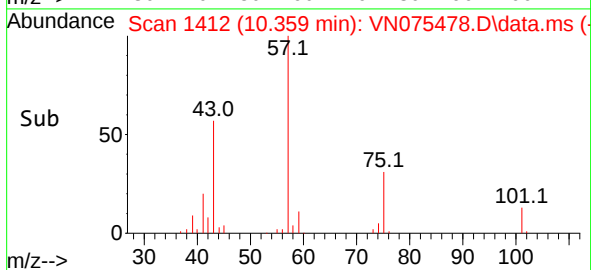
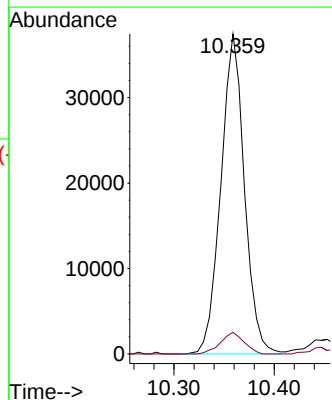
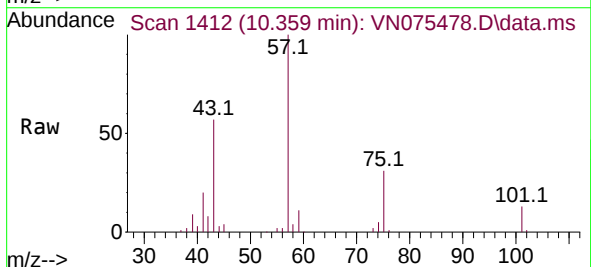
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

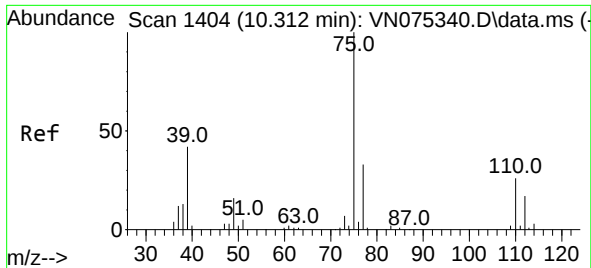
Tgt Ion: 98 Resp: 102732
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 33.154 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. -0.088 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion: 43 Resp: 61009
Ion Ratio Lower Upper
43 100
58 6.7 33.6 50.4#

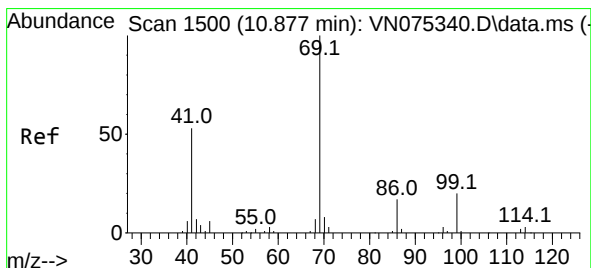
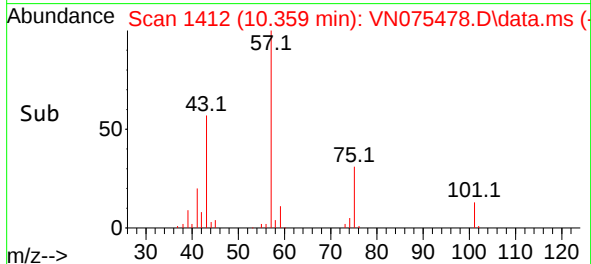
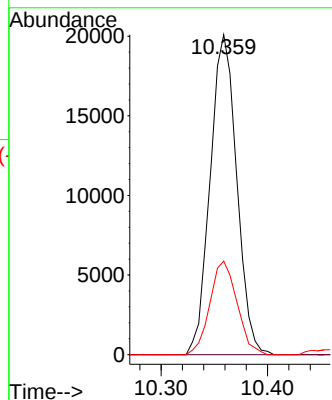
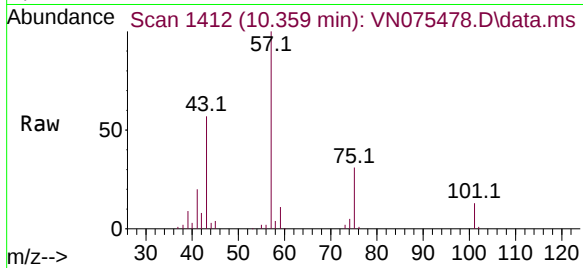




#54
 cis-1,3-Dichloropropene
 Concen: 14.941 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075478.D
 Acq: 29 Nov 2022 16:03

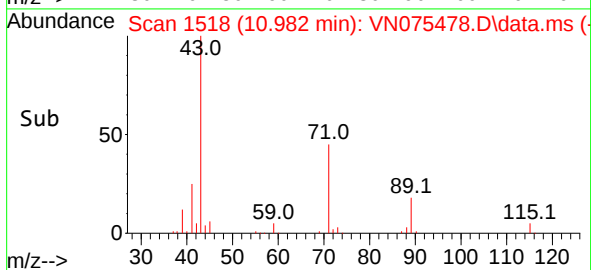
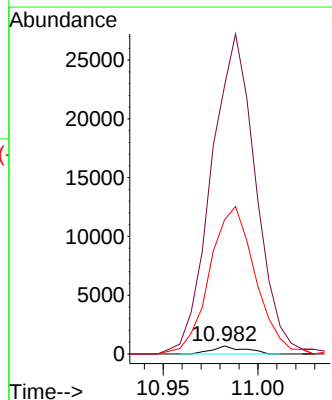
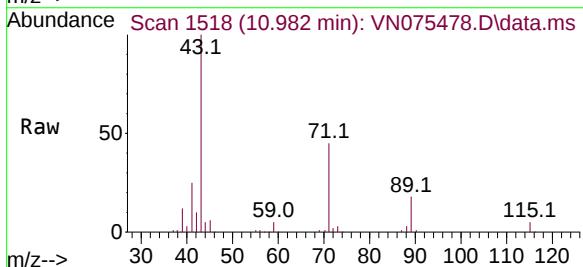
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#04

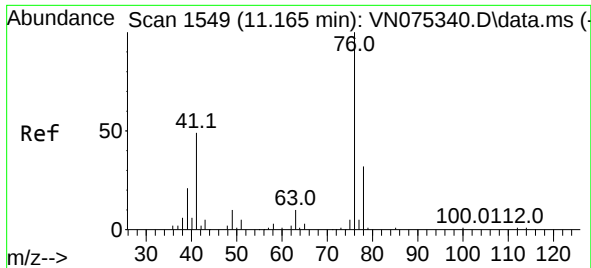
Tgt Ion: 75 Resp: 34804
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 29.2 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.373 ug/l
 RT: 10.982 min Scan# 1518
 Delta R.T. 0.105 min
 Lab File: VN075478.D
 Acq: 29 Nov 2022 16:03

Tgt Ion: 69 Resp: 809
 Ion Ratio Lower Upper
 69 100
 41 5532.0 45.6 68.4#
 39 2615.7 28.5 42.7#

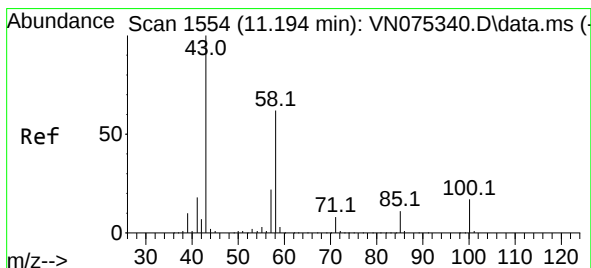
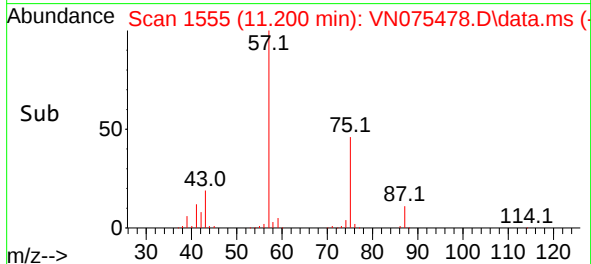
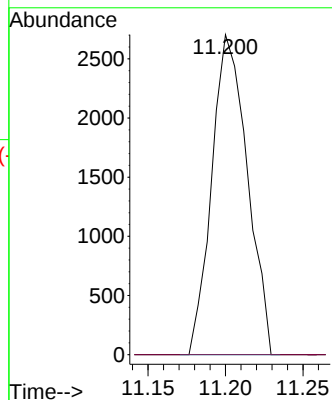
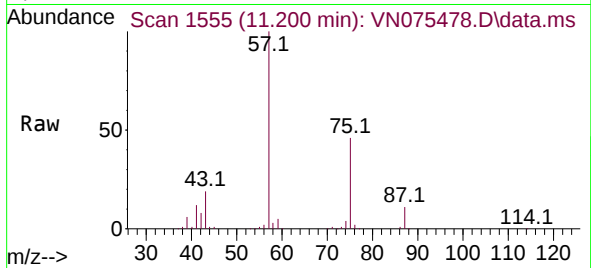




#57
1,3-Dichloropropane
Concen: 1.645 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.035 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

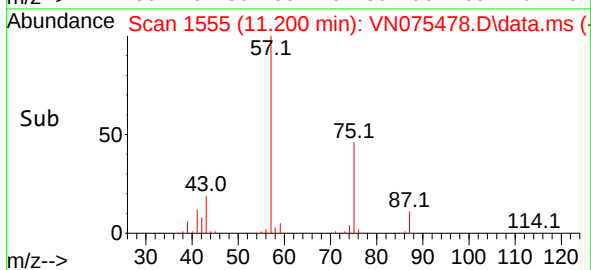
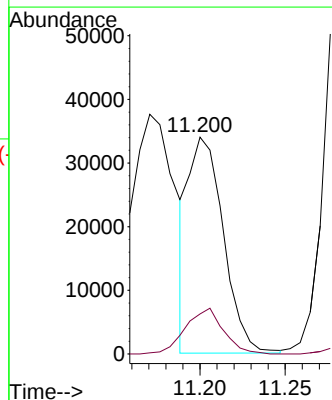
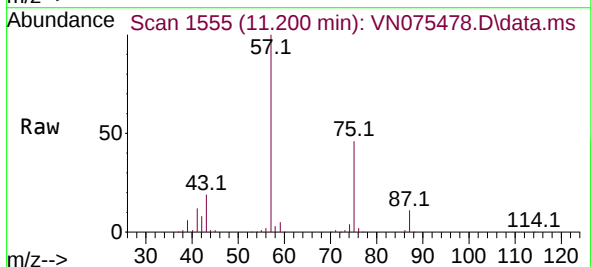
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

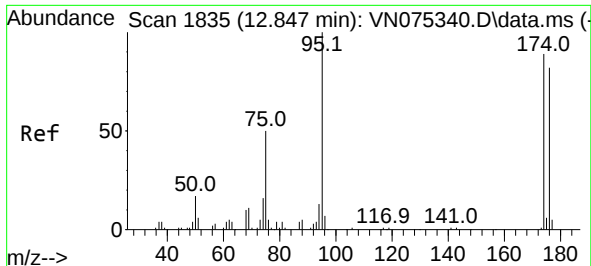
Tgt Ion: 76 Resp: 4309
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#



#59
2-Hexanone
Concen: 34.963 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion: 43 Resp: 48311
Ion Ratio Lower Upper
43 100
58 23.1 29.6 88.8#

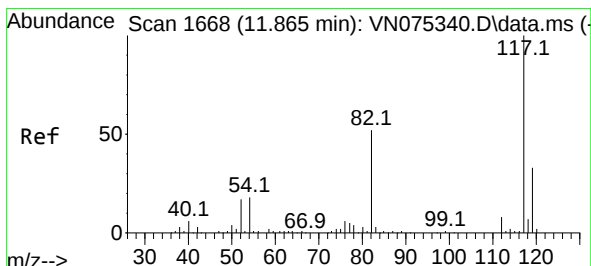
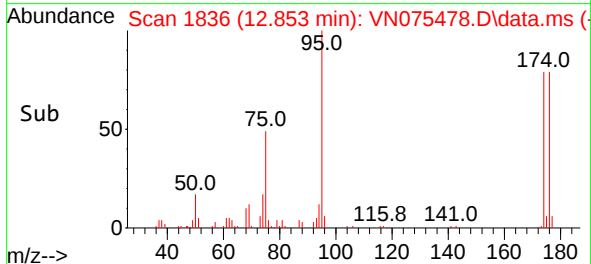
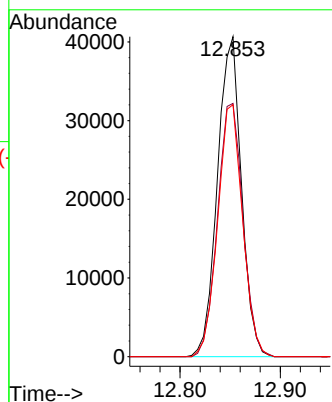
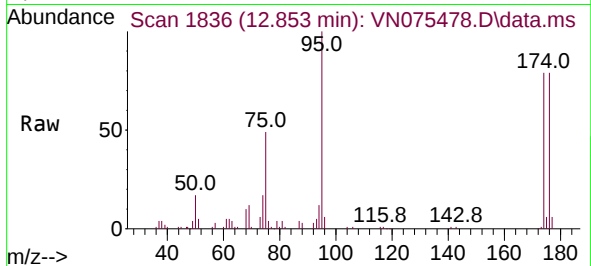




#62
4-Bromofluorobenzene
Concen: 44.281 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

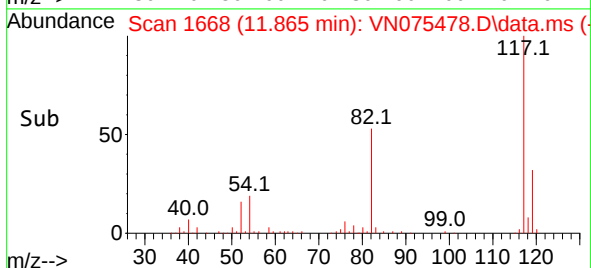
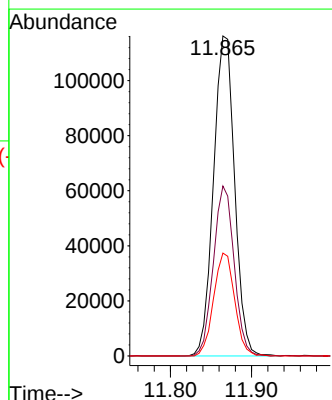
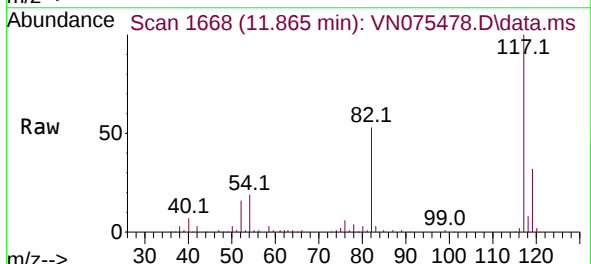
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

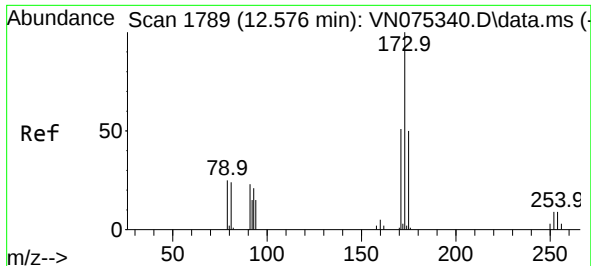
Tgt Ion: 95 Resp: 67478
Ion Ratio Lower Upper
95 100
174 83.8 0.0 147.4
176 81.7 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

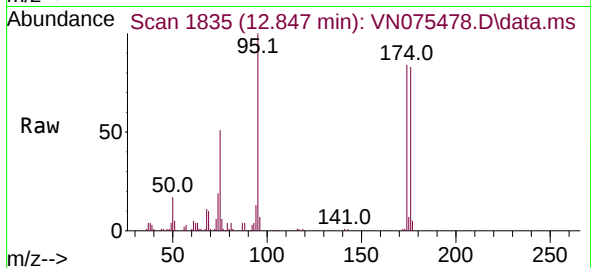
Tgt Ion: 117 Resp: 210340
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 32.2 25.5 38.3



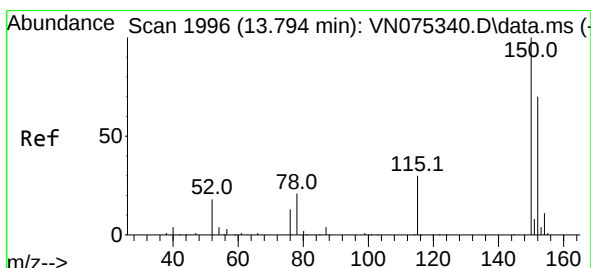
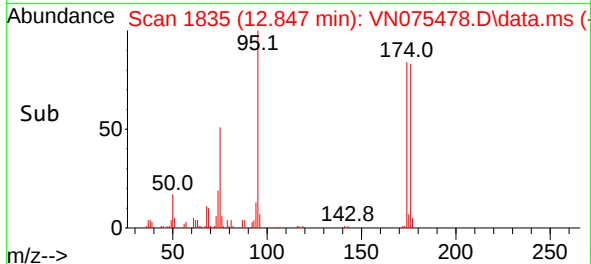
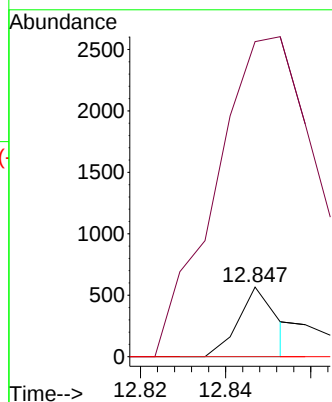


#71
Bromoform
Concen: 0.289 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

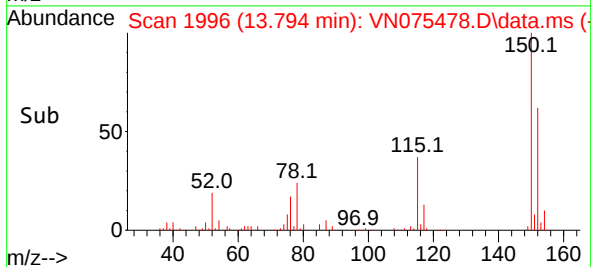
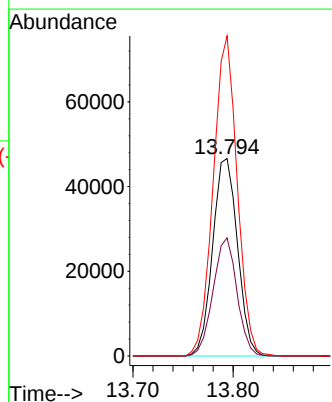
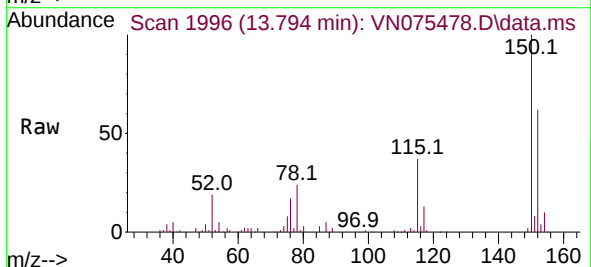


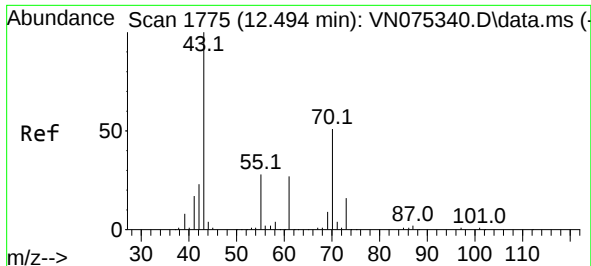
Tgt Ion:173 Resp: 357
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

Tgt Ion:152 Resp: 80255
Ion Ratio Lower Upper
152 100
115 57.6 30.2 90.6
150 156.0 0.0 348.4

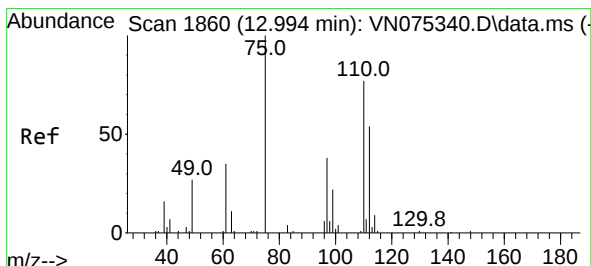
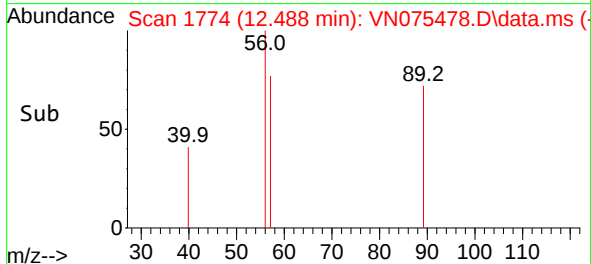
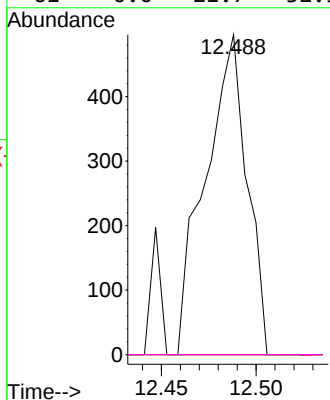
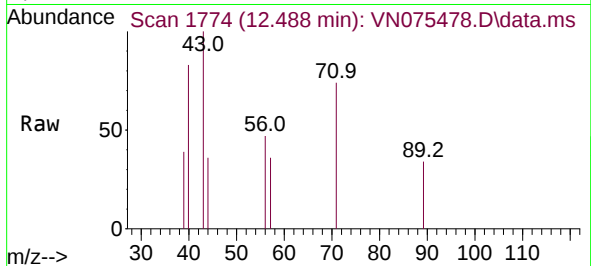




#74
N-amy1 acetate
Concen: 0.421 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

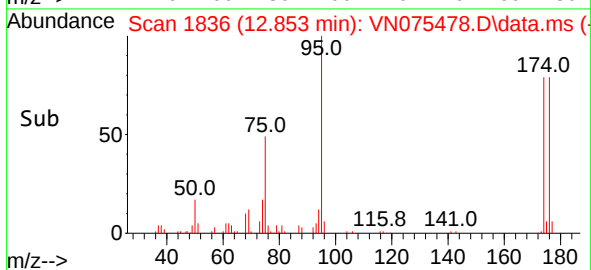
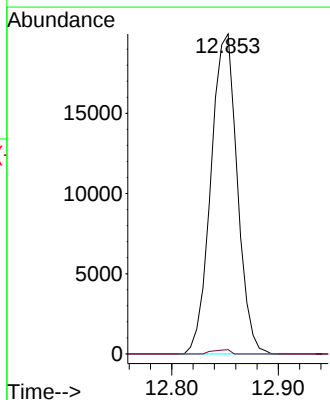
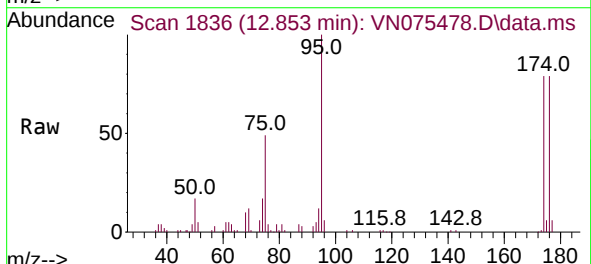
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#04

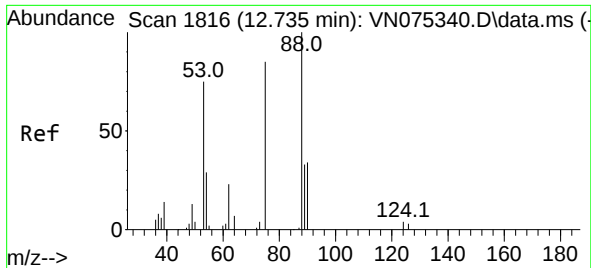
Tgt Ion: 43	Resp:	759
Ion Ratio	Lower	Upper
43	100	
70	0.0	39.8 59.8#
55	0.0	19.9 29.9#
61	0.0	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 22.563 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075478.D
Acq: 29 Nov 2022 16:03

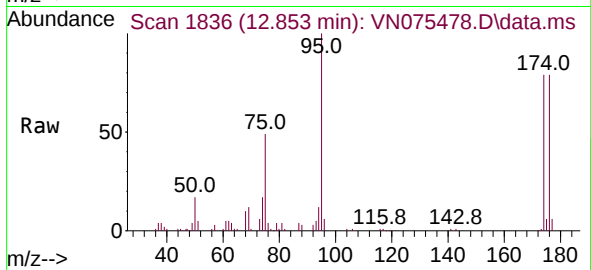
Tgt Ion: 75	Resp:	34237
Ion Ratio	Lower	Upper
75	100	
77	0.9	75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.758 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075478.D
 Acq: 29 Nov 2022 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#04



Tgt Ion: 75 Resp: 34237
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

