

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075476.D
 Acq On : 29 Nov 2022 15:15
 Operator : JC\MD
 Sample : PB149314ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#02

Quant Time: Nov 30 02:28:17 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

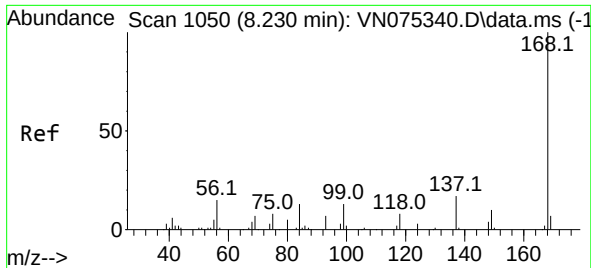
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	134501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	39994	55.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.780%	
35) Dibromofluoromethane	8.177	113	47558	50.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	10.565	98	104862	49.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.847	95	72295	46.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	1174	3.874	ug/l #	72
16) Acetone	4.448	43	12221	18.147	ug/l	95
18) Methyl Acetate	5.048	43	3071	0.527	ug/l #	74
20) Methylene Chloride	5.283	84	7336	4.201	ug/l	91
25) 2-Butanone	7.500	43	1060	1.127	ug/l #	43
31) Cyclohexane	8.224	56	2362	1.030	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	10131	4.977	ug/l #	51
37) Ethyl Acetate	7.565	43	17626	9.616	ug/l	98
38) Carbon Tetrachloride	8.230	117	13830	6.184	ug/l #	16
42) 1,2-Dichloroethane	8.694	62	516	0.247	ug/l #	75
43) Isopropyl Acetate	8.694	43	139252	47.329	ug/l #	77
45) 1,2-Dichloropropane	9.741	63	1021	0.687	ug/l #	42
48) Methyl methacrylate	9.665	41	2577	1.894	ug/l #	6
51) 4-Methyl-2-Pentanone	10.447	43	5252	2.803	ug/l #	70
53) t-1,3-Dichloropropene	10.724	75	525	0.240	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	35596	15.006	ug/l #	62
56) Ethyl methacrylate	10.982	69	1010	0.457	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4920	1.845	ug/l #	42
59) 2-Hexanone	11.171	43	70422	50.046	ug/l #	21
71) Bromoform	12.847	173	334	0.259	ug/l #	28
74) N-amyl acetate	12.482	43	734	0.390	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	36121	22.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	36121	67.378	ug/l #	10

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

Quant Time: Nov 30 02:28:17 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

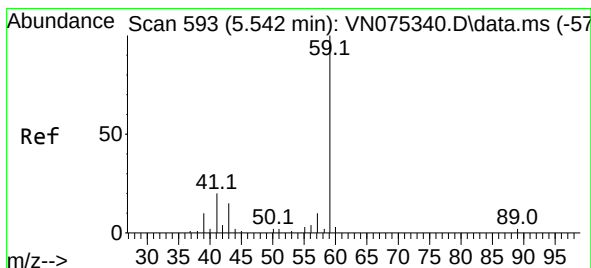
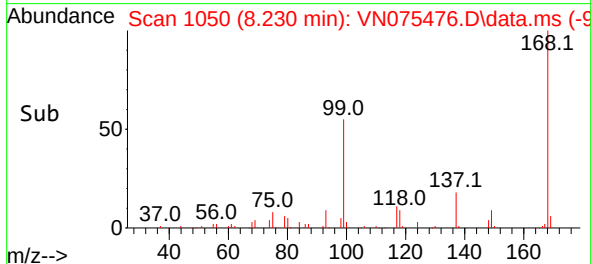
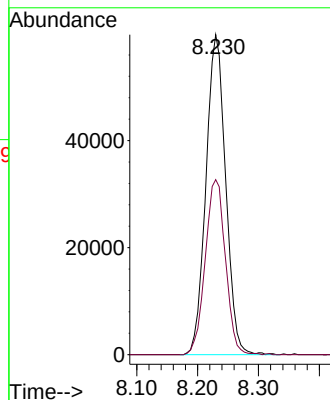
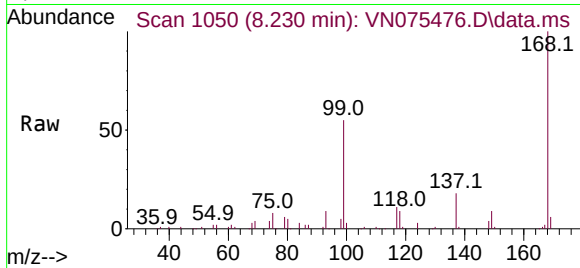




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

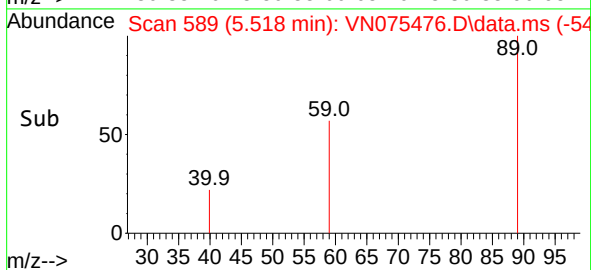
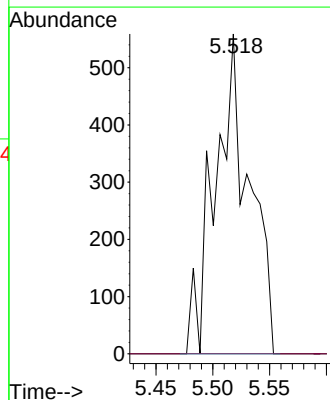
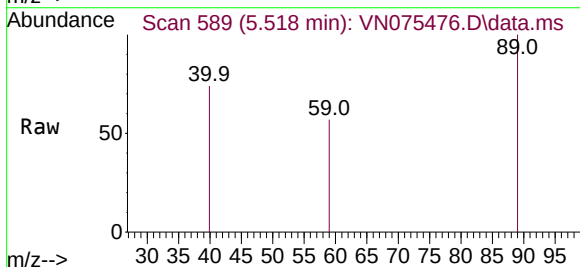
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

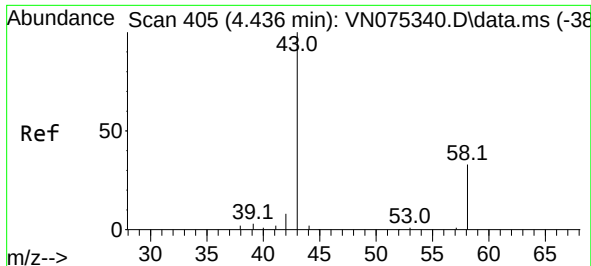
Tgt Ion:168 Resp: 134501
Ion Ratio Lower Upper
168 100
99 54.7 51.6 77.4



#11
Tert butyl alcohol
Concen: 3.874 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion: 59 Resp: 1174
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

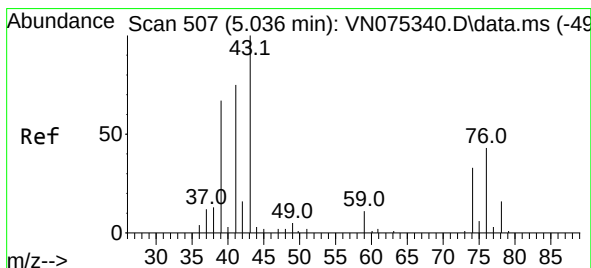
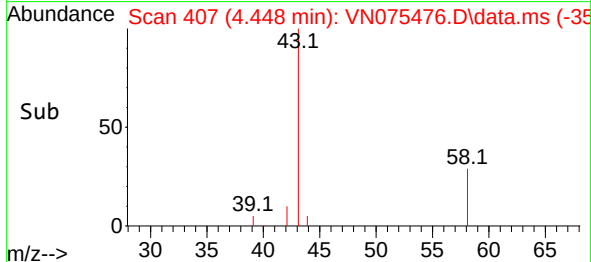
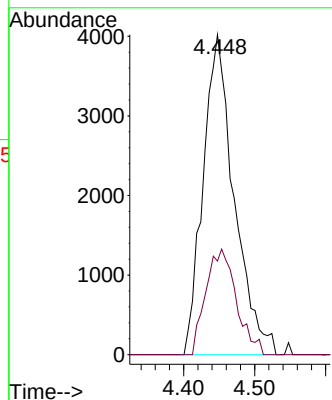
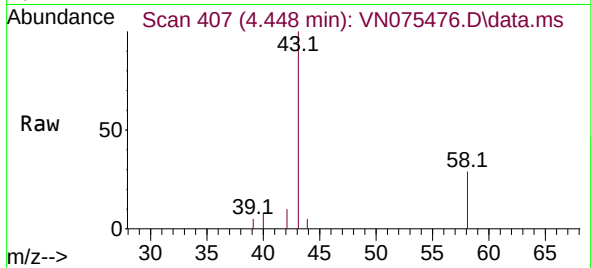




#16
Acetone
Concen: 18.147 ug/l
RT: 4.448 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

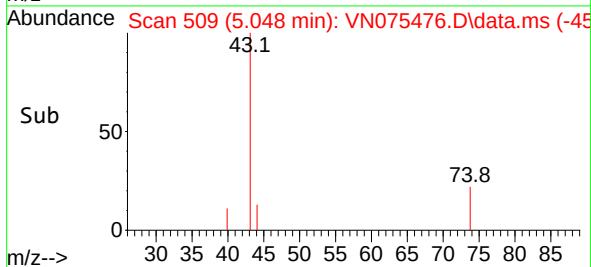
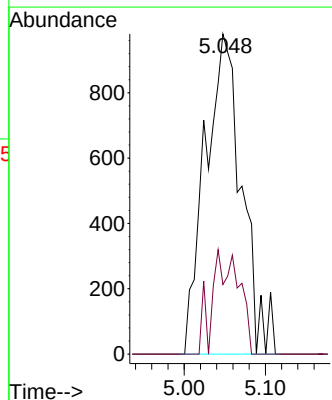
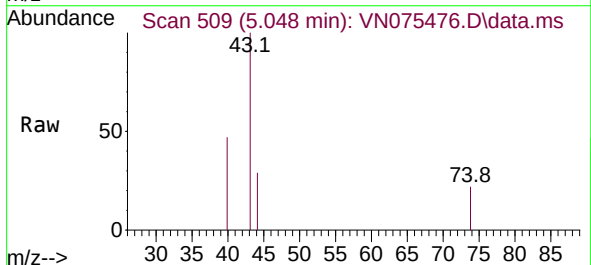
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

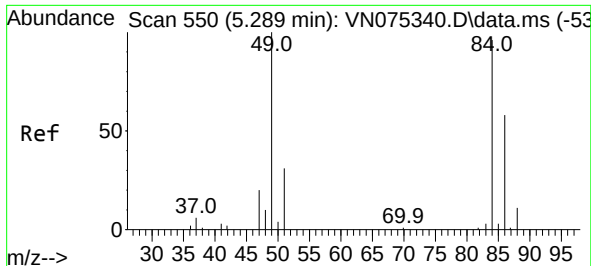
Tgt Ion: 43 Resp: 12221
Ion Ratio Lower Upper
43 100
58 29.2 25.5 38.3



#18
Methyl Acetate
Concen: 0.527 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

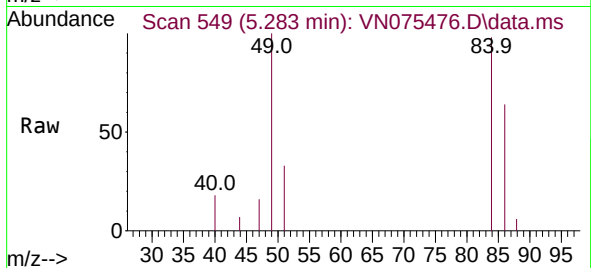
Tgt Ion: 43 Resp: 3071
Ion Ratio Lower Upper
43 100
74 13.8 22.0 33.0#



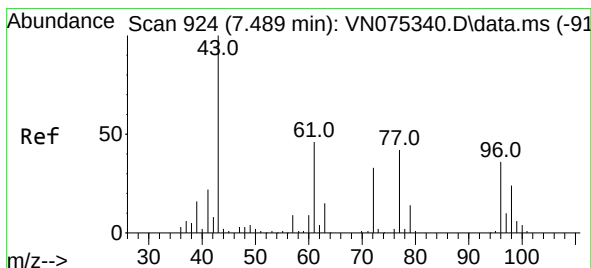
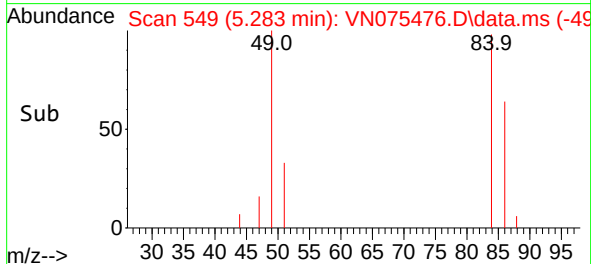
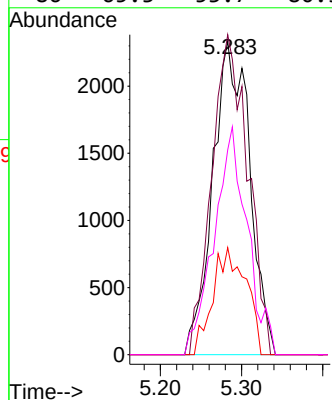


#20
Methylene Chloride
Concen: 4.201 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

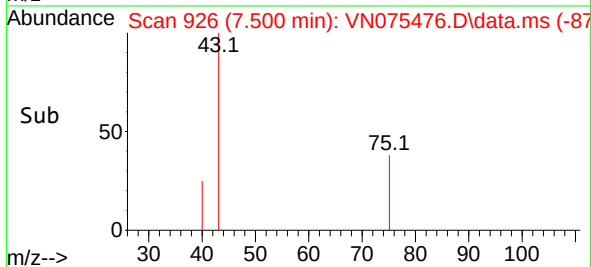
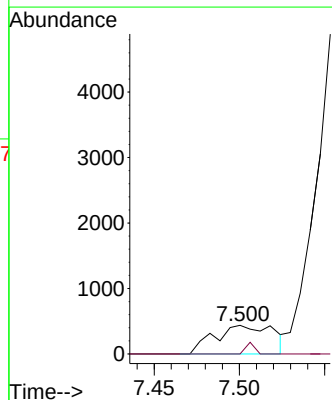
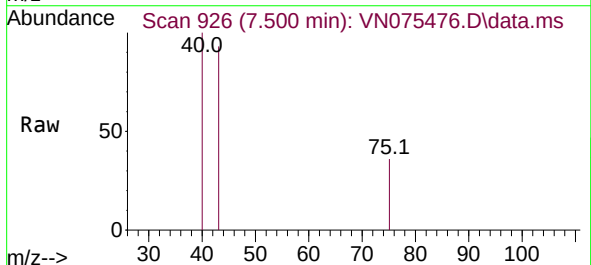


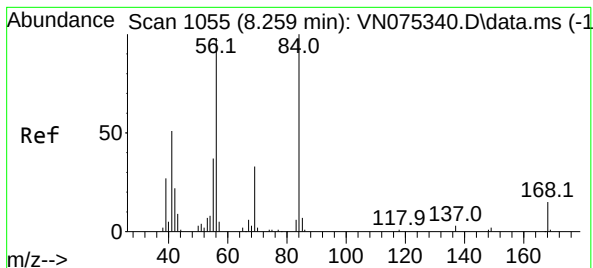
Tgt Ion:	84	Resp:	7336
Ion	Ratio	Lower	Upper
84	100		
49	102.1	94.9	142.3
51	34.2	26.8	40.2
86	65.3	53.7	80.5



#25
2-Butanone
Concen: 1.127 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.011 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion:	43	Resp:	1060
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#





#31

Cyclohexane

Concen: 1.030 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075476.D

Acq: 29 Nov 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB149314ZHE#02

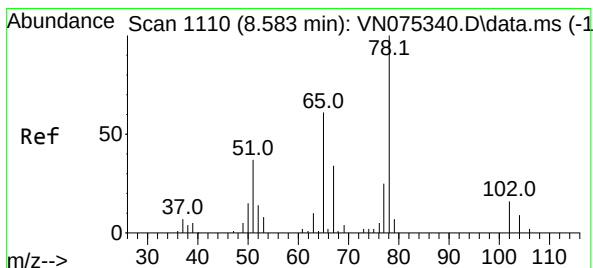
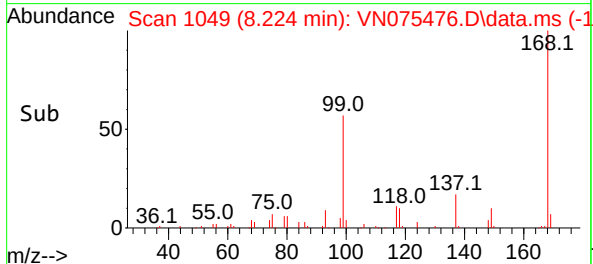
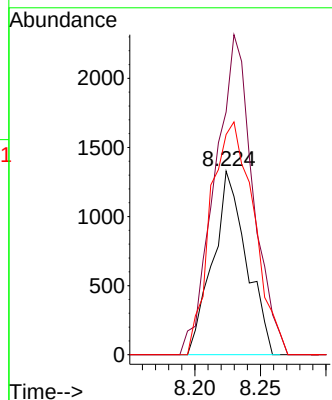
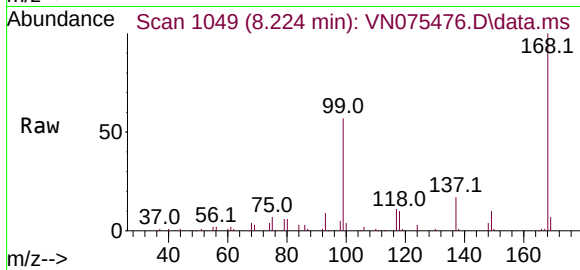
Tgt Ion: 56 Resp: 2362

Ion Ratio Lower Upper

56 100

69 132.3 25.2 37.8#

84 120.0 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 55.395 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075476.D

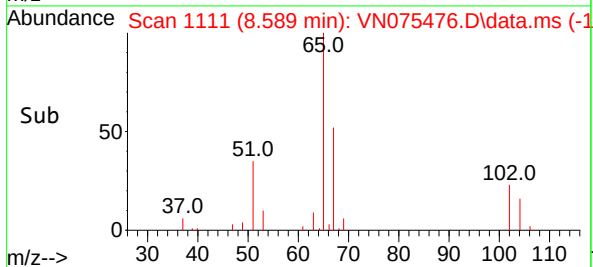
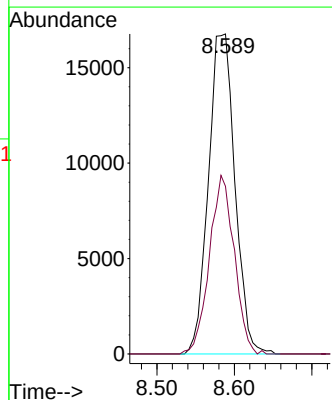
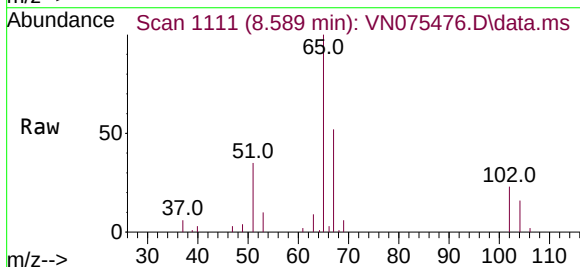
Acq: 29 Nov 2022 15:15

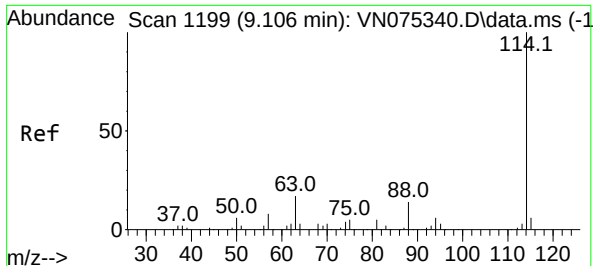
Tgt Ion: 65 Resp: 39994

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075476.D

Acq: 29 Nov 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB149314ZHE#02

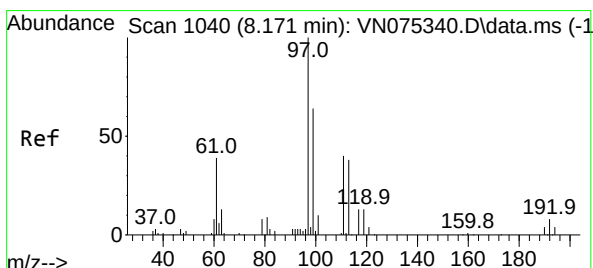
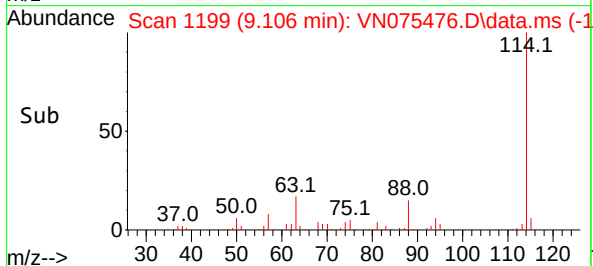
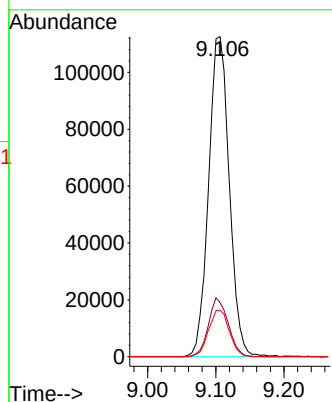
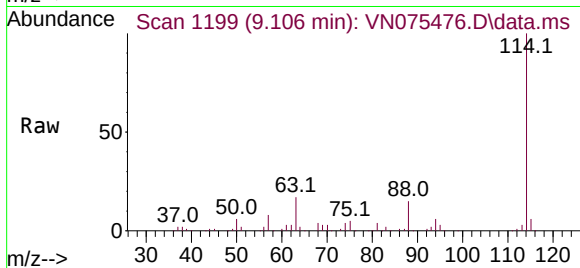
Tgt Ion:114 Resp: 237628

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.947 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075476.D

Acq: 29 Nov 2022 15:15

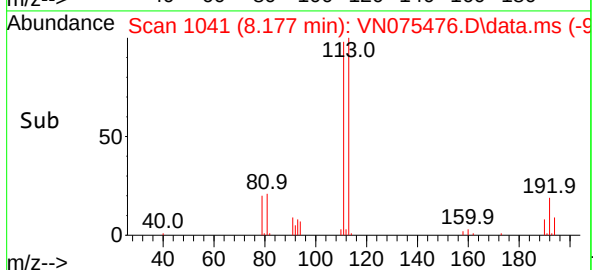
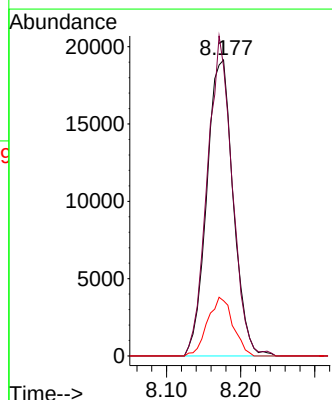
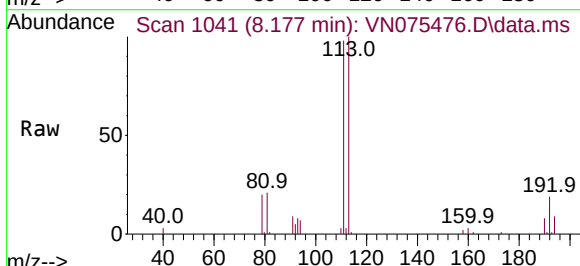
Tgt Ion:113 Resp: 47558

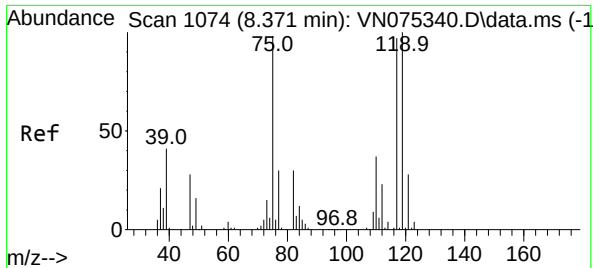
Ion Ratio Lower Upper

113 100

111 101.8 80.5 120.7

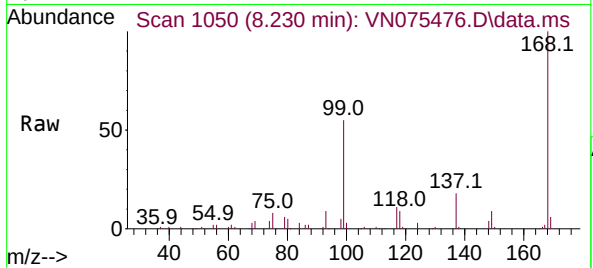
192 19.0 13.2 19.8



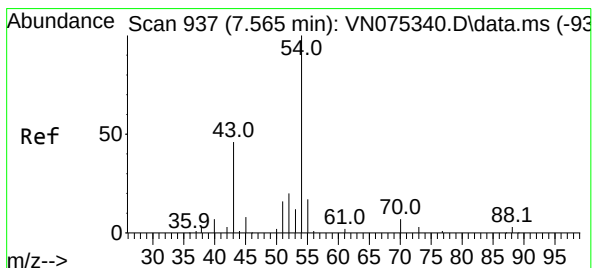
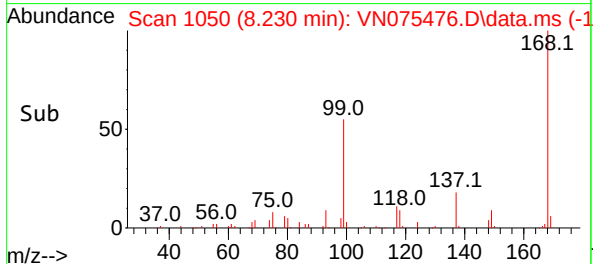
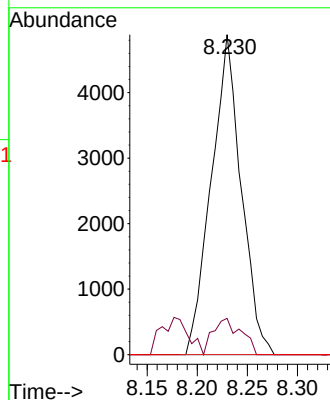


#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

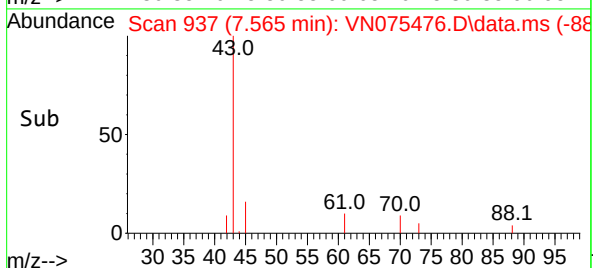
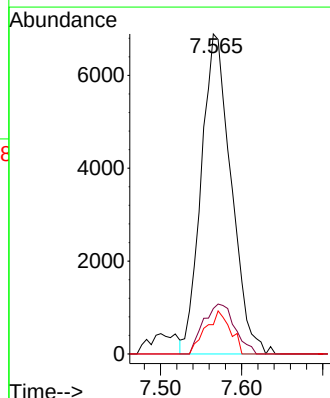
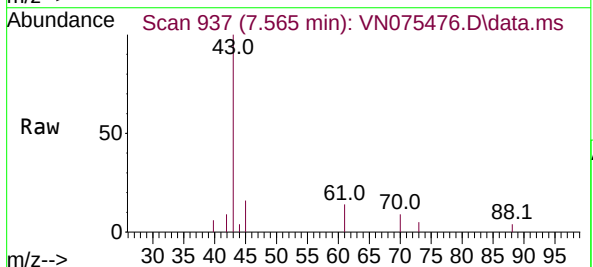


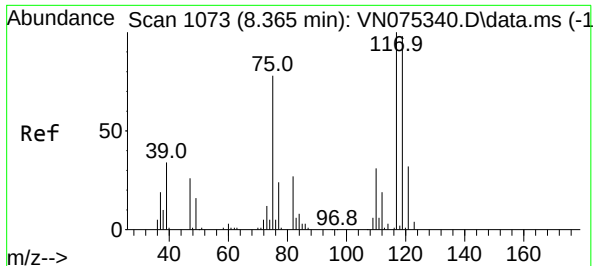
Tgt Ion: 75 Resp: 10131
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 9.616 ug/l
RT: 7.565 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

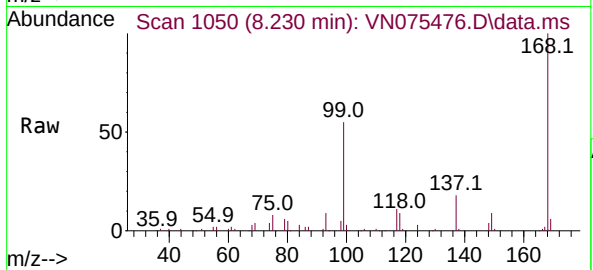
Tgt Ion: 43 Resp: 17626
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 11.0 9.4 14.2



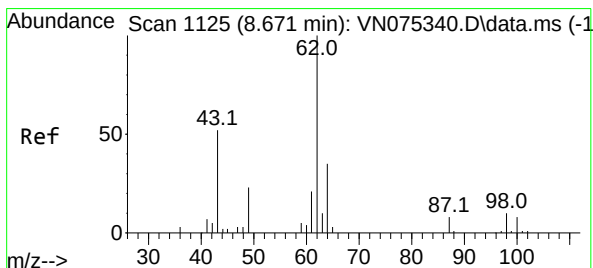
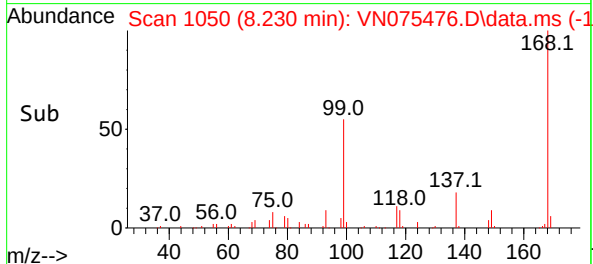
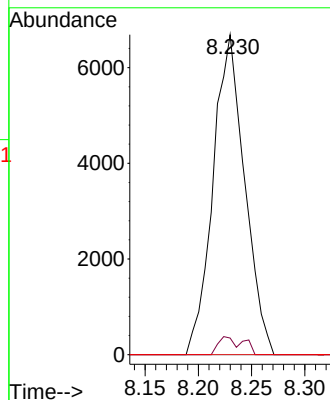


#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

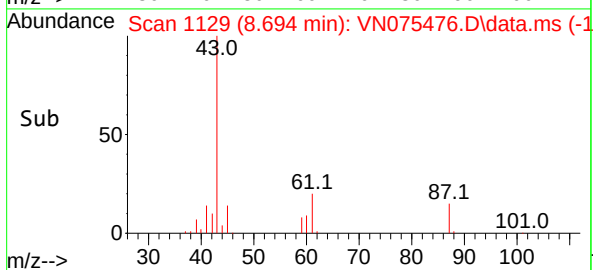
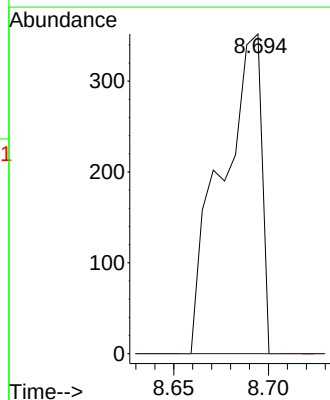
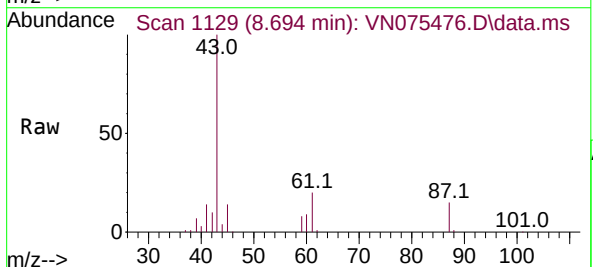


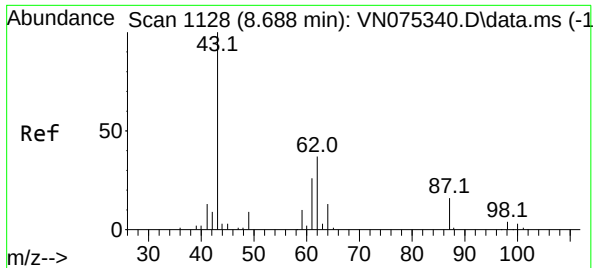
Tgt Ion:117 Resp: 13830
Ion Ratio Lower Upper
117 100
119 5.2 76.7 115.1#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.247 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.023 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion: 62 Resp: 516
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

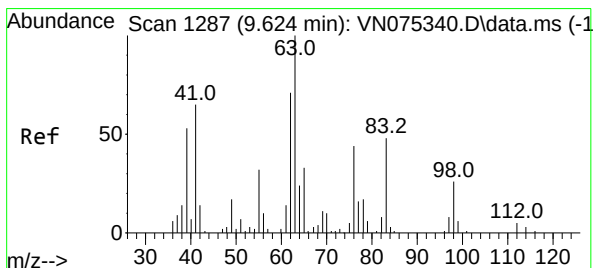
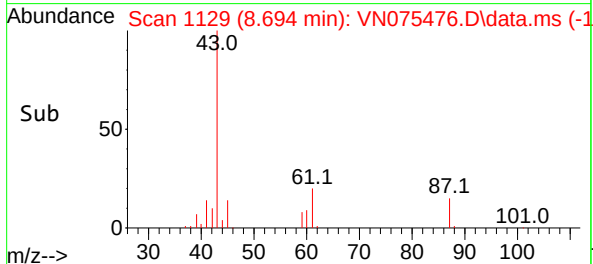
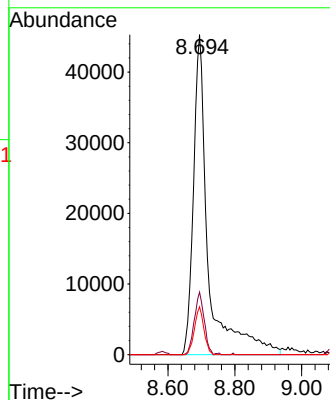
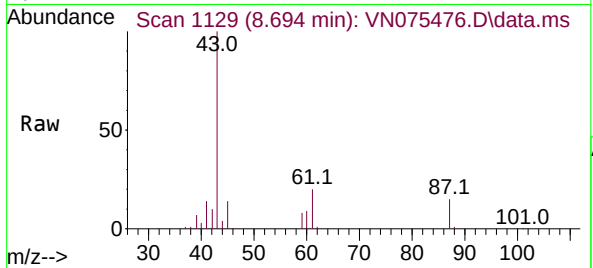




#43
Isopropyl Acetate
Concen: 47.329 ug/l
RT: 8.694 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

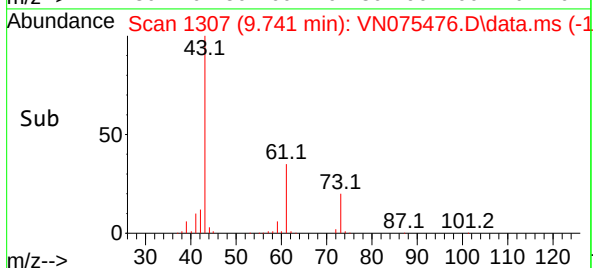
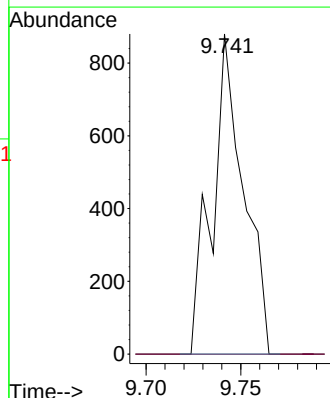
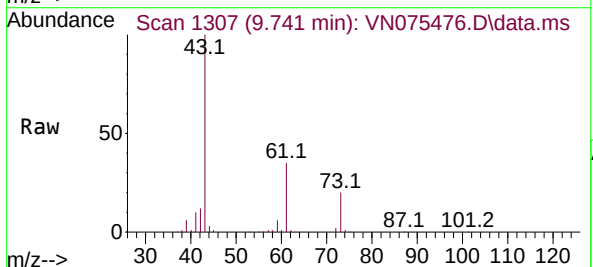
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

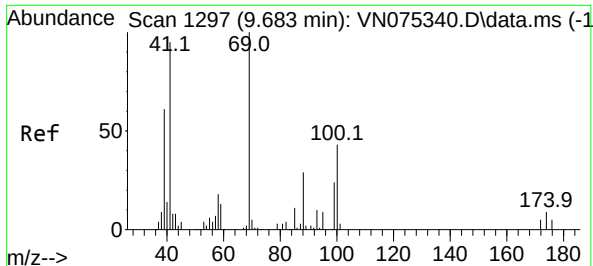
Tgt Ion: 43 Resp: 139252
Ion Ratio Lower Upper
43 100
61 13.1 22.4 33.6#
87 9.5 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.687 ug/l
RT: 9.741 min Scan# 1307
Delta R.T. 0.117 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion: 63 Resp: 1021
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

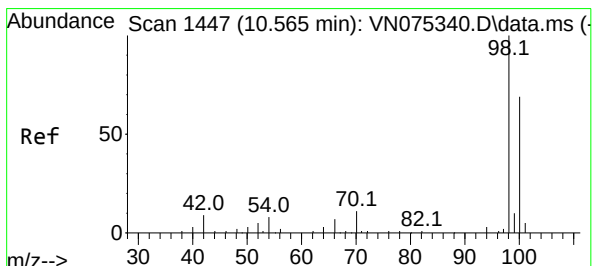
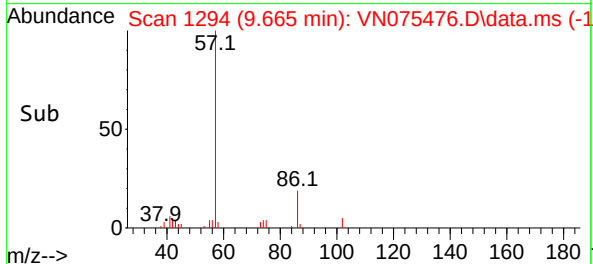
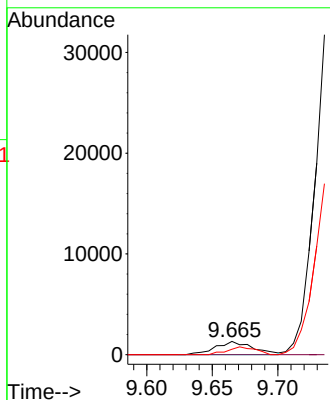
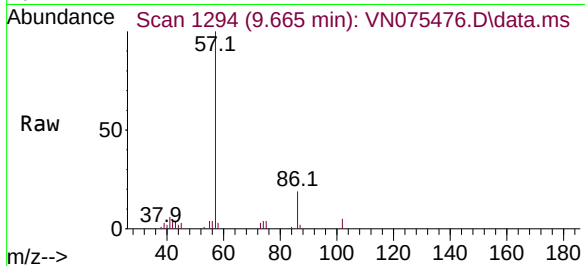




#48
Methyl methacrylate
Concen: 1.894 ug/l
RT: 9.665 min Scan# 1294
Delta R.T. -0.018 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

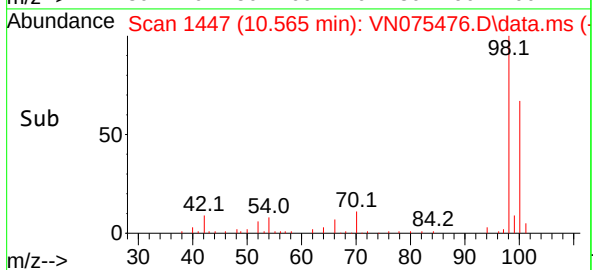
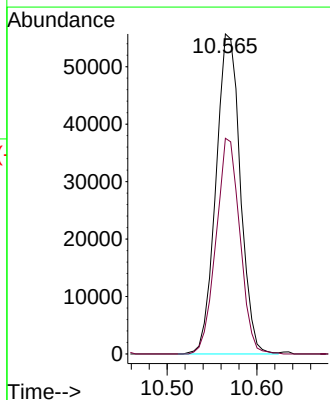
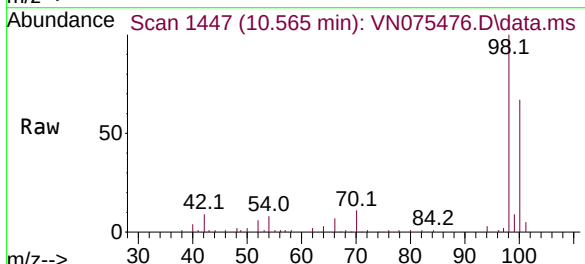
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

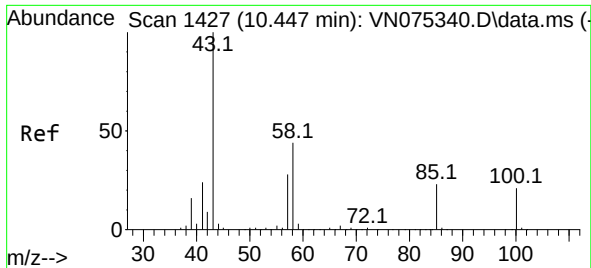
Tgt Ion: 41 Resp: 2577
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 0.0 56.2 84.2#



#50
Toluene-d8
Concen: 49.876 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion: 98 Resp: 104862
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6

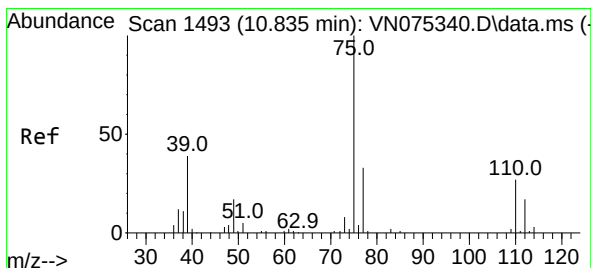
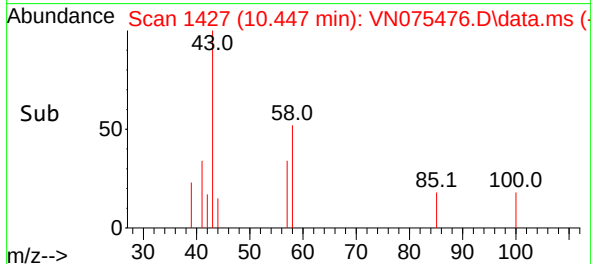
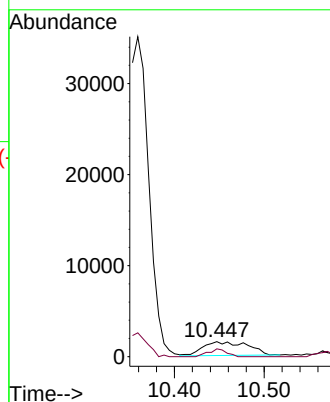
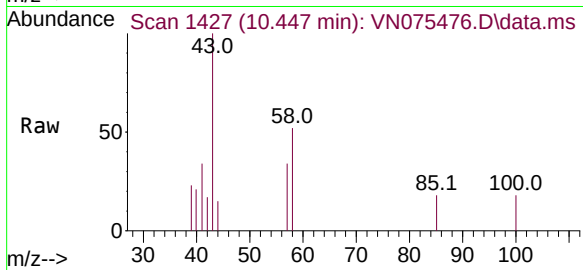




#51
4-Methyl-2-Pentanone
Concen: 2.803 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

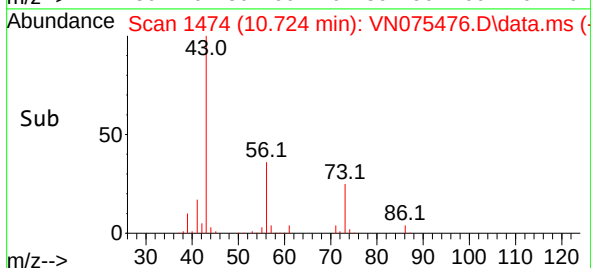
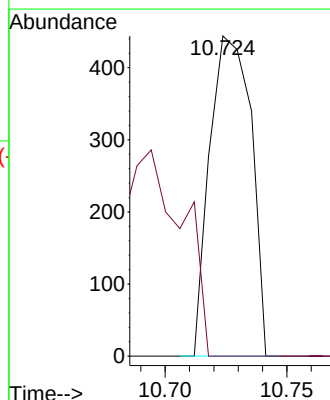
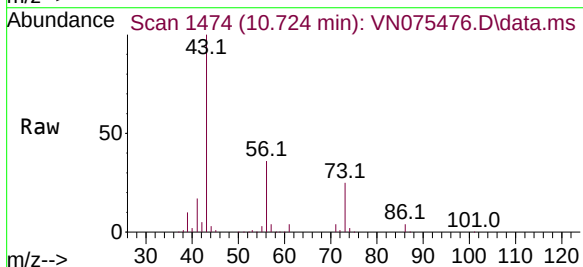
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

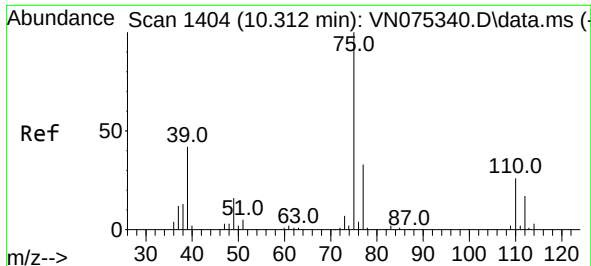
Tgt Ion: 43 Resp: 5252
Ion Ratio Lower Upper
43 100
58 22.7 33.6 50.4#



#53
t-1,3-Dichloropropene
Concen: 0.240 ug/l
RT: 10.724 min Scan# 1474
Delta R.T. -0.111 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion: 75 Resp: 525
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

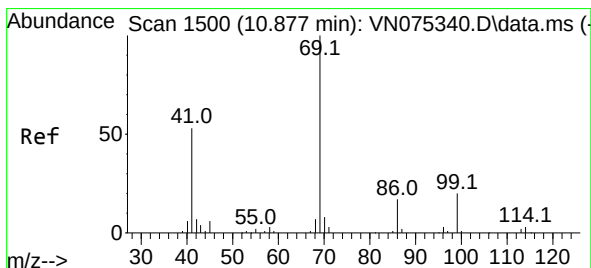
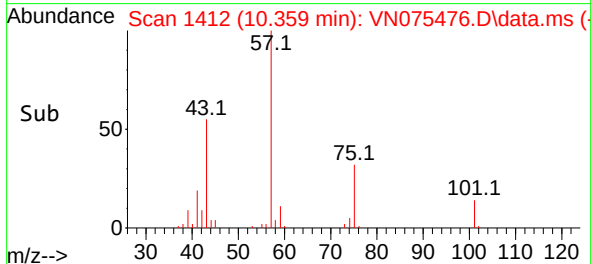
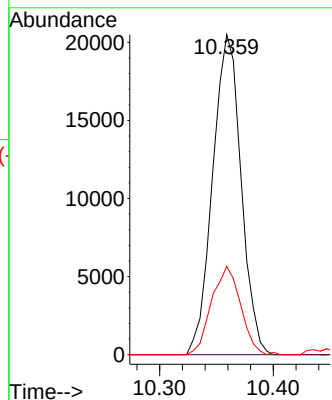
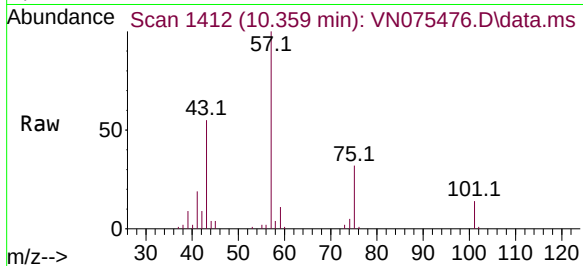




#54
 cis-1,3-Dichloropropene
 Concen: 15.006 ug/l
 RT: 10.359 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN075476.D
 Acq: 29 Nov 2022 15:15

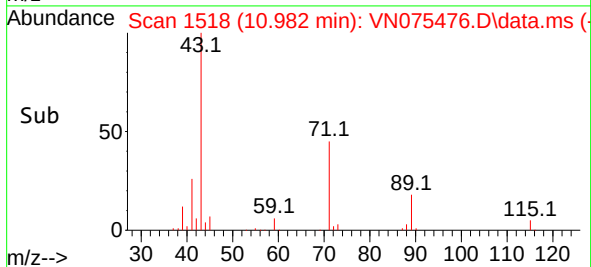
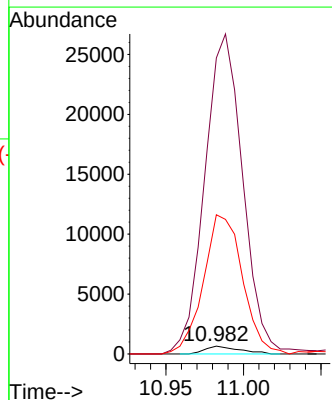
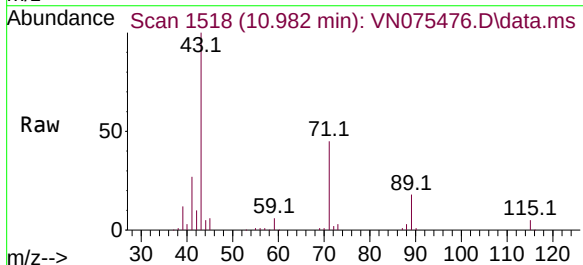
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#02

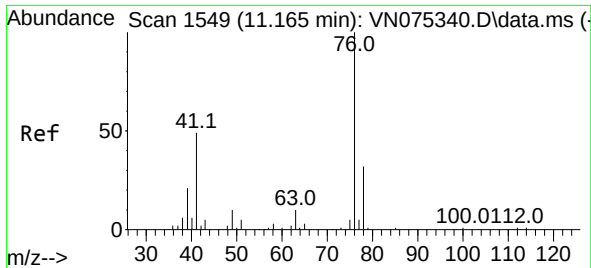
Tgt Ion: 75 Resp: 35596
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 27.6 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.457 ug/l
 RT: 10.982 min Scan# 1518
 Delta R.T. 0.105 min
 Lab File: VN075476.D
 Acq: 29 Nov 2022 15:15

Tgt Ion: 69 Resp: 1010
 Ion Ratio Lower Upper
 69 100
 41 4534.3 45.6 68.4#
 39 2017.9 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.845 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN075476.D

Acq: 29 Nov 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

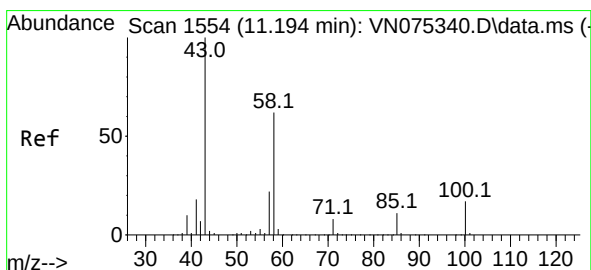
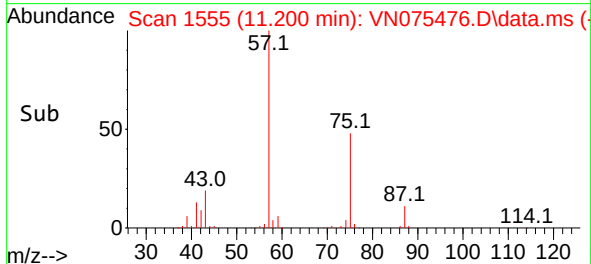
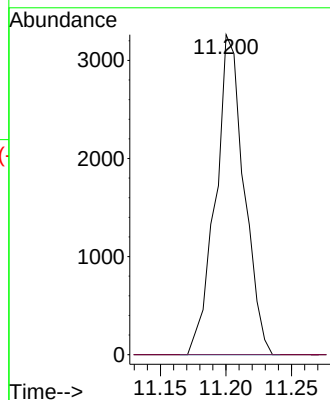
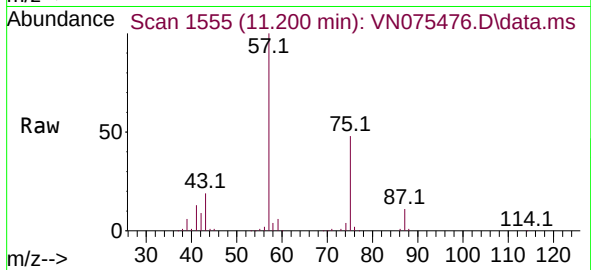
PB149314ZHE#02

Tgt Ion: 76 Resp: 4920

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 50.046 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. -0.023 min

Lab File: VN075476.D

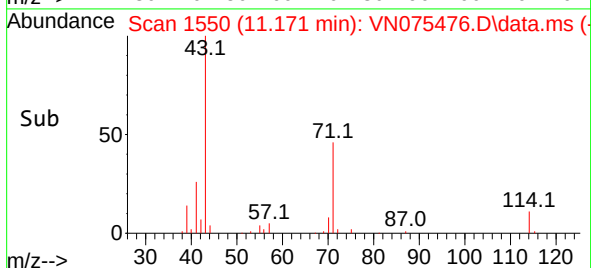
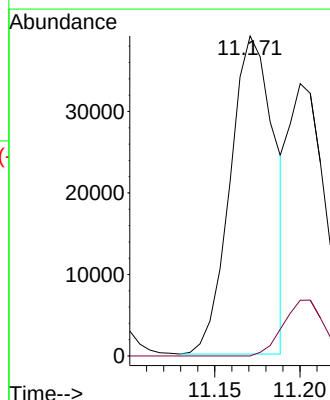
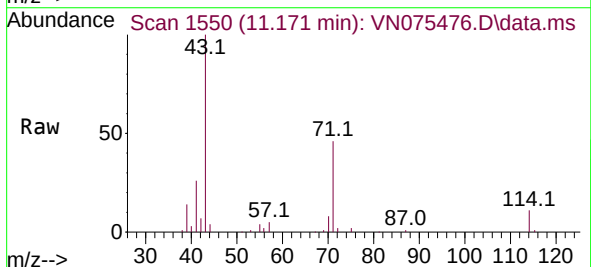
Acq: 29 Nov 2022 15:15

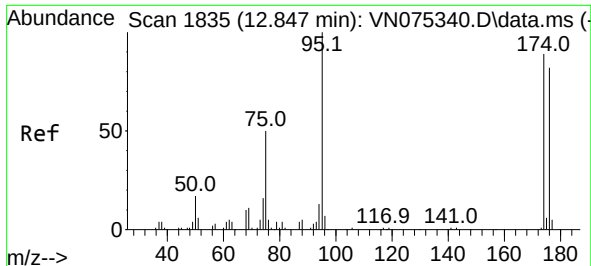
Tgt Ion: 43 Resp: 70422

Ion Ratio Lower Upper

43 100

58 0.0 29.6 88.8#





#62

4-Bromofluorobenzene

Concen: 46.587 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VN075476.D

Acq: 29 Nov 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB149314ZHE#02

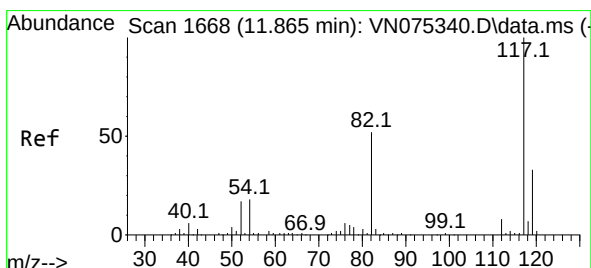
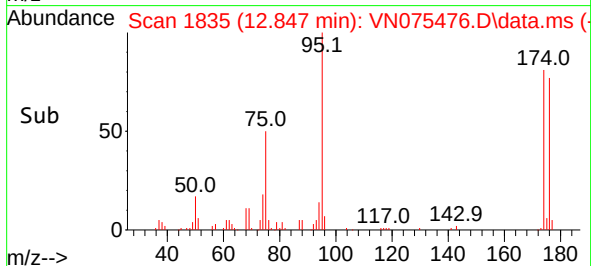
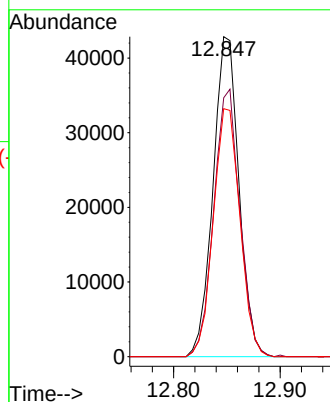
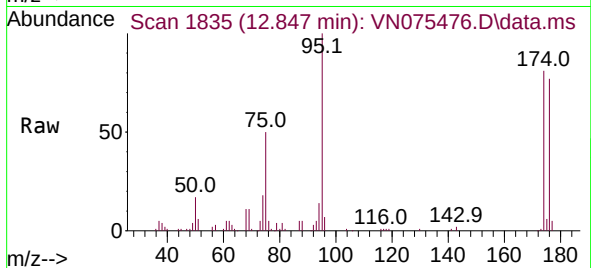
Tgt Ion: 95 Resp: 72295

Ion Ratio Lower Upper

95 100

174 84.3 0.0 147.4

176 79.9 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: VN075476.D

Acq: 29 Nov 2022 15:15

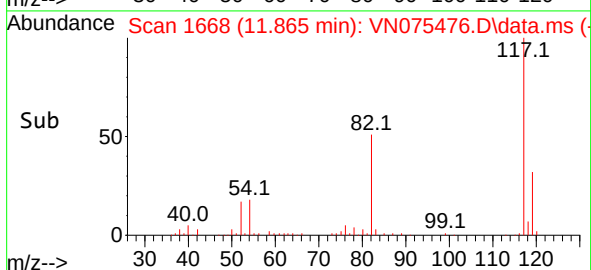
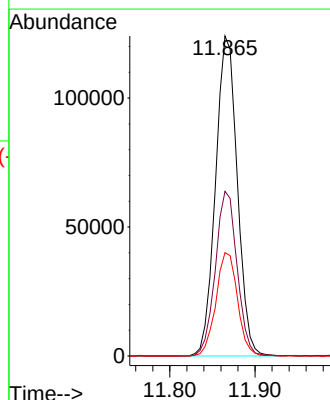
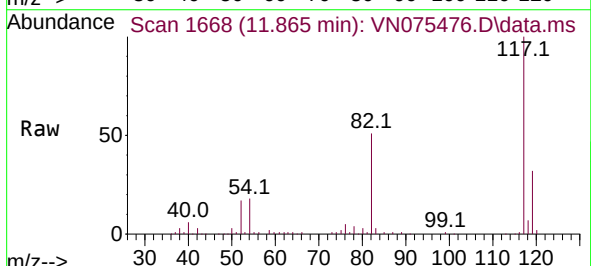
Tgt Ion: 117 Resp: 219929

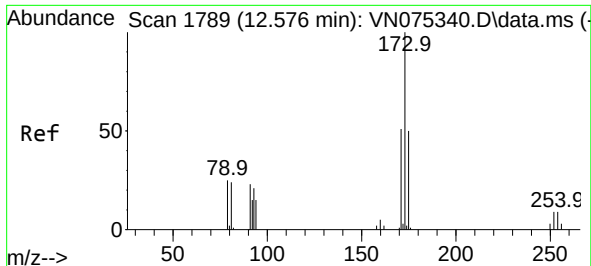
Ion Ratio Lower Upper

117 100

82 51.5 43.1 64.7

119 32.3 25.5 38.3

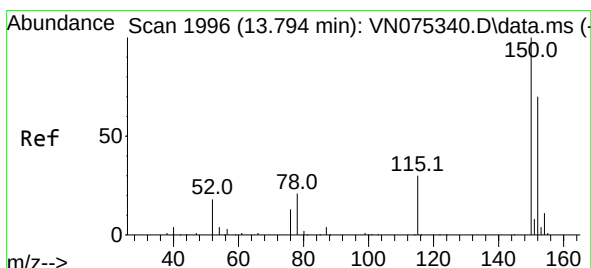
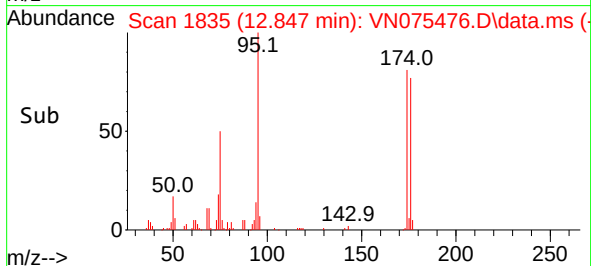
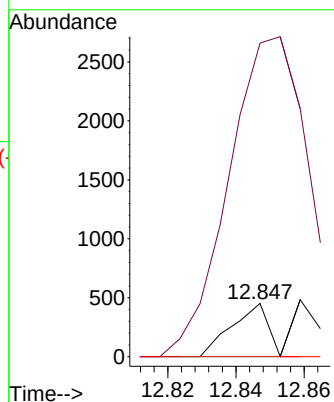
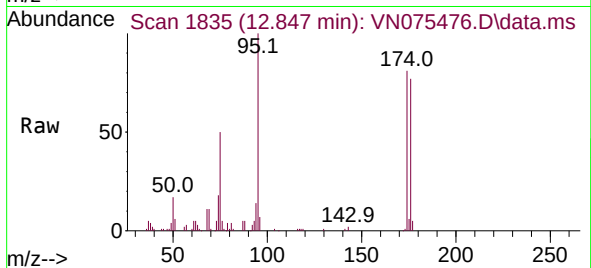




#71
Bromoform
Concen: 0.259 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

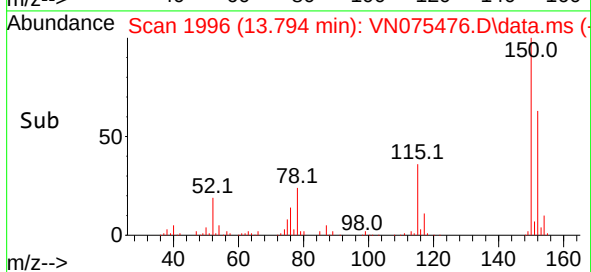
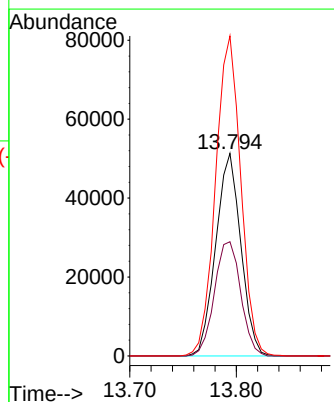
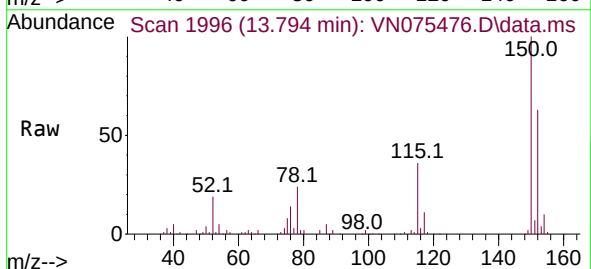
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

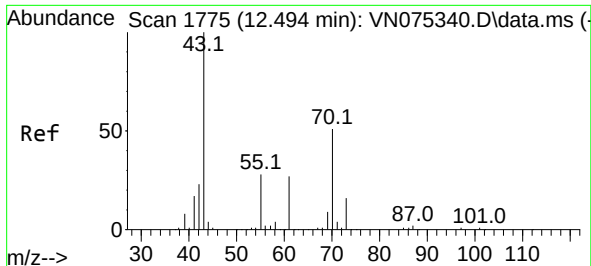
Tgt Ion:173 Resp: 334
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion:152 Resp: 83892
Ion Ratio Lower Upper
152 100
115 59.1 30.2 90.6
150 158.6 0.0 348.4

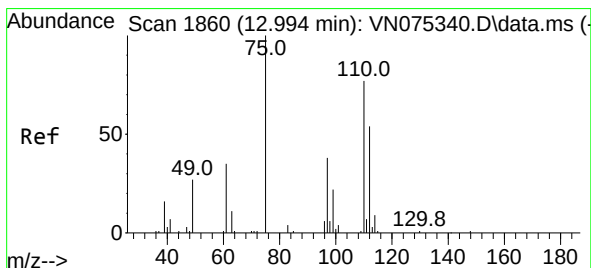
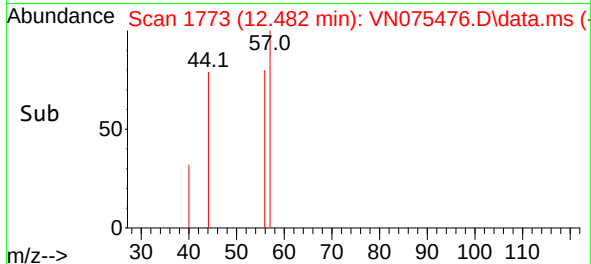
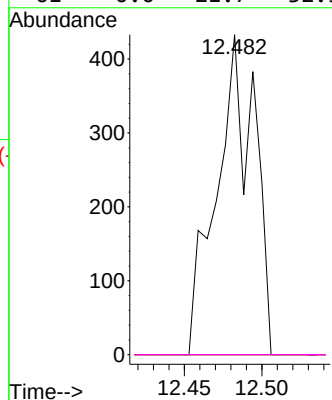
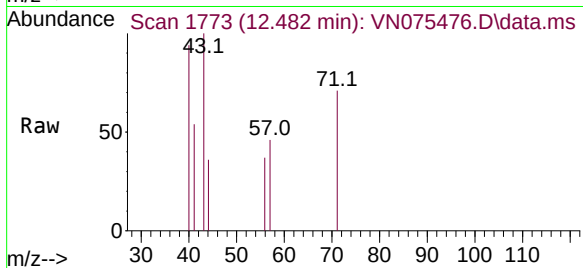




#74
N-amy1 acetate
Concen: 0.390 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

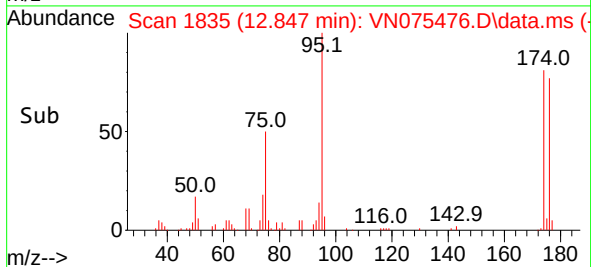
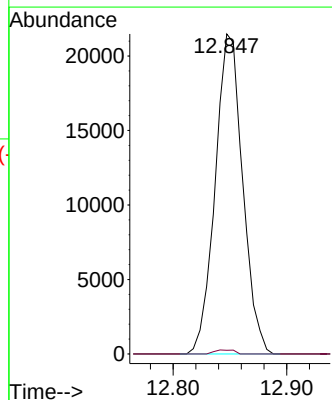
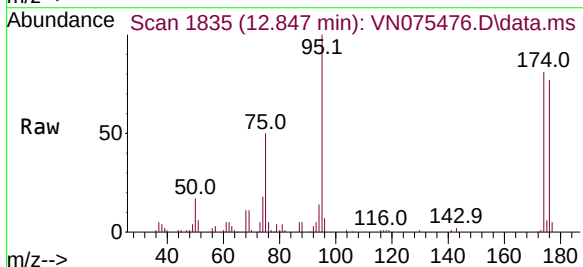
Instrument :
MSVOA_N
ClientSampleId :
PB149314ZHE#02

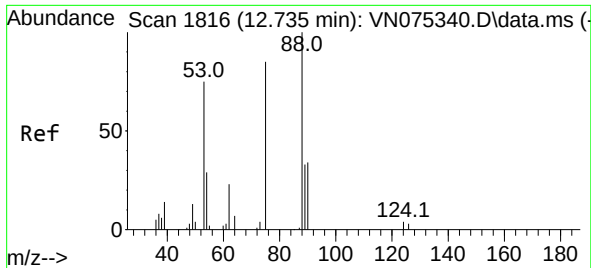
Tgt Ion: 43	Resp: 734
Ion Ratio	Lower Upper
43 100	
70 0.0	39.8 59.8#
55 0.0	19.9 29.9#
61 0.0	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 22.772 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075476.D
Acq: 29 Nov 2022 15:15

Tgt Ion: 75	Resp:	36121	
Ion Ratio	Lower	Upper	
75 100			
77 0.9	75.6	226.8#	





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.378 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075476.D
 Acq: 29 Nov 2022 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149314ZHE#02

Tgt Ion: 75 Resp: 36121
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

