

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075151.D
 Acq On : 03 Nov 2022 18:01
 Operator : JC\MD
 Sample : PB148771ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148771ZHE#03

Quant Time: Nov 04 04:11:42 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)

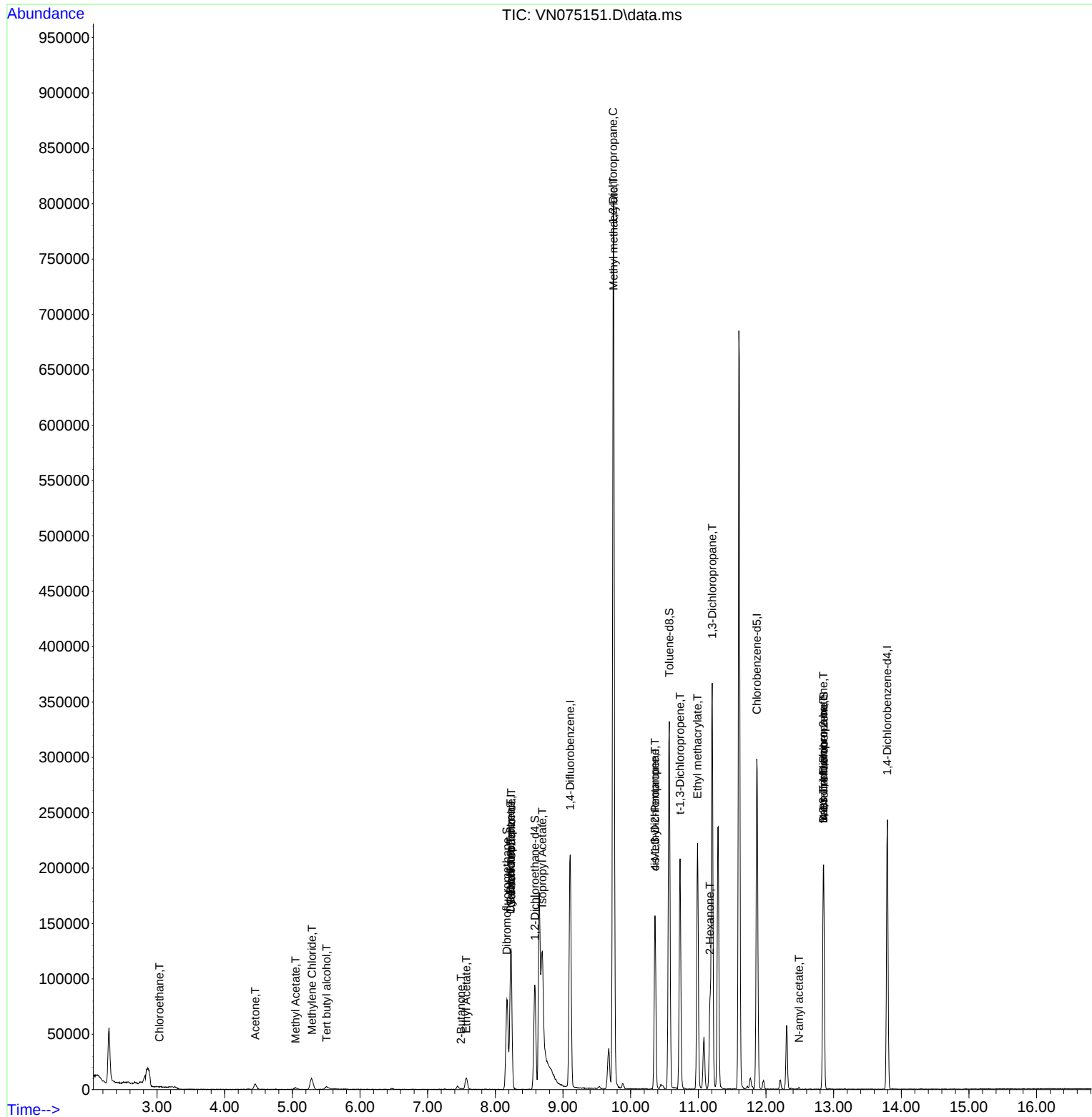
Internal Standards						
1) Pentafluorobenzene	8.230	168	89745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	184239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	168083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	75488	62.428	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.860%	
35) Dibromofluoromethane	8.171	113	58495	54.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	10.571	98	227677	54.258	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.853	95	71337	48.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	65	Below Cal	#	5
6) Chloroethane	3.036	64	591	0.466	ug/l #	45
11) Tert butyl alcohol	5.506	59	2241	7.947	ug/l #	72
16) Acetone	4.453	43	9581	18.713	ug/l	99
18) Methyl Acetate	5.048	43	3490	2.087	ug/l #	82
20) Methylene Chloride	5.289	84	8682	7.605	ug/l #	90
25) 2-Butanone	7.494	43	1402	1.741	ug/l #	43
31) Cyclohexane	8.224	56	2093	1.164	ug/l #	55
36) 1,1-Dichloropropene	8.224	75	8045	4.805	ug/l #	50
37) Ethyl Acetate	7.571	43	16334	8.895	ug/l	97
38) Carbon Tetrachloride	8.236	117	10613	5.762	ug/l #	17
43) Isopropyl Acetate	8.694	43	179308	62.950	ug/l #	70
45) 1,2-Dichloropropane	9.741	63	957	0.784	ug/l #	42
48) Methyl methacrylate	9.747	41	70339	53.833	ug/l #	35
51) 4-Methyl-2-Pentanone	10.359	43	56722	30.859	ug/l #	43
53) t-1,3-Dichloropropene	10.730	75	459	0.236	ug/l #	51
54) cis-1,3-Dichloropropene	10.359	75	29485	14.307	ug/l #	72
56) Ethyl methacrylate	10.988	69	774	0.373	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3917	1.731	ug/l #	42
59) 2-Hexanone	11.171	43	60087	43.071	ug/l #	21
71) Bromoform	12.847	173	342	0.343	ug/l #	1
74) N-amyl acetate	12.488	43	696	0.380	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	39303	30.036	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39303	77.102	ug/l #	10

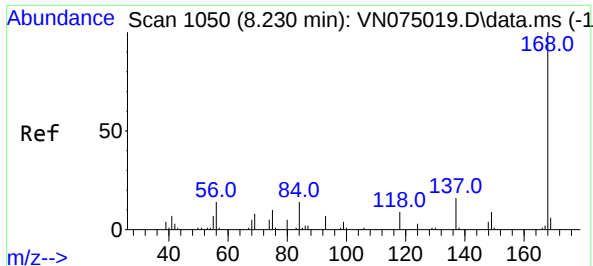
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
Data File : VN075151.D
Acq On : 03 Nov 2022 18:01
Operator : JC\MD
Sample : PB148771ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

Quant Time: Nov 04 04:11:42 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

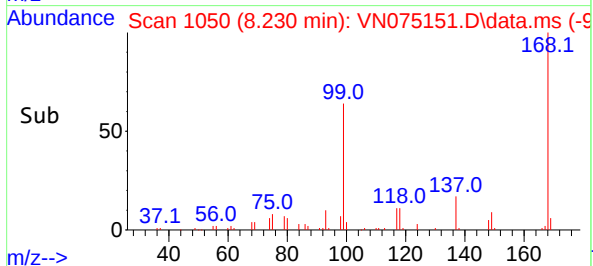
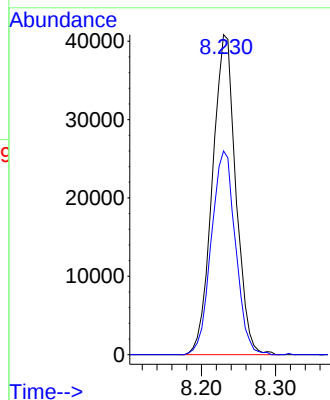
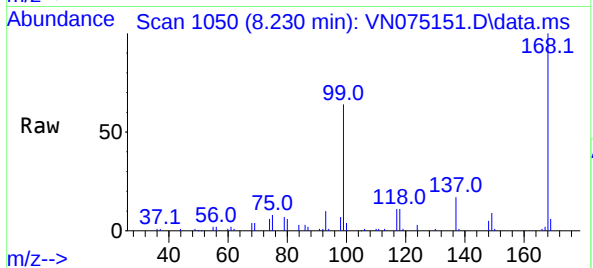




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

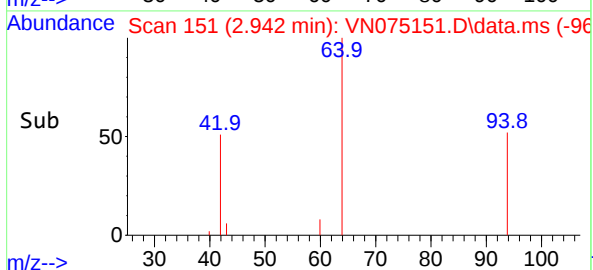
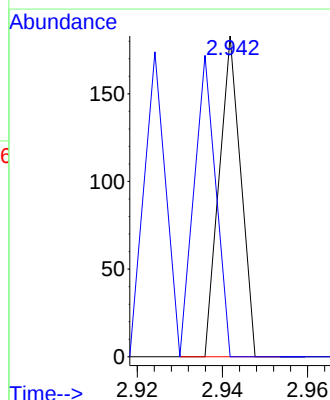
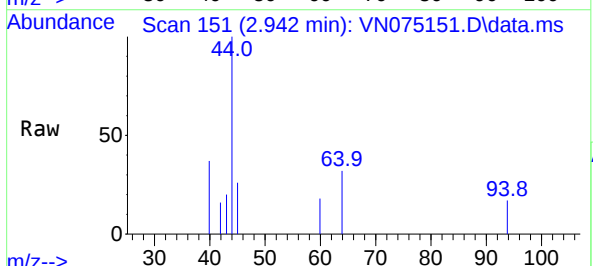
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

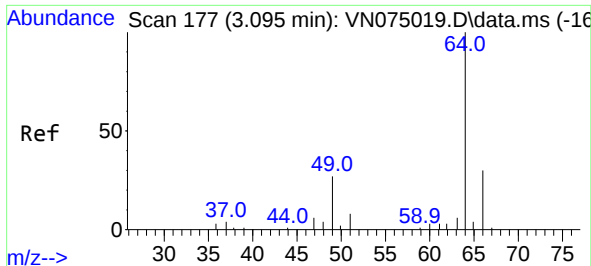
Tgt Ion:168 Resp: 89745
Ion Ratio Lower Upper
168 100
99 63.7 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

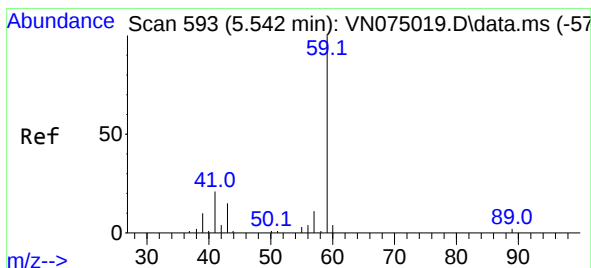
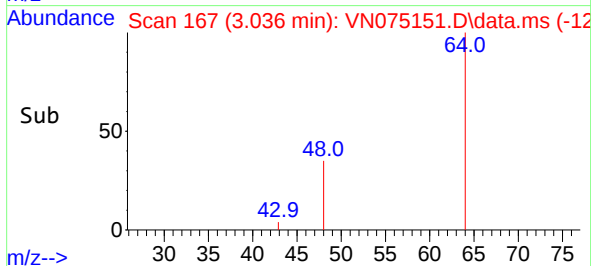
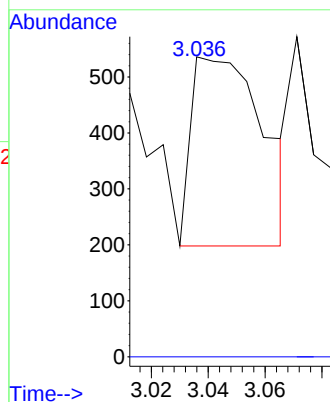
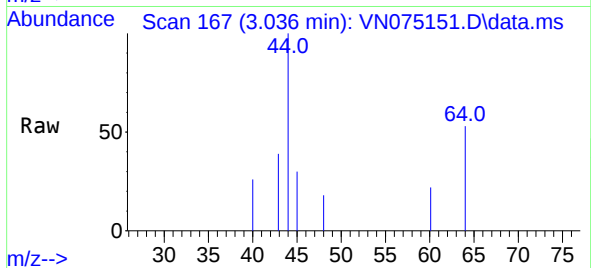




#6
Chloroethane
Concen: 0.466 ug/l
RT: 3.036 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

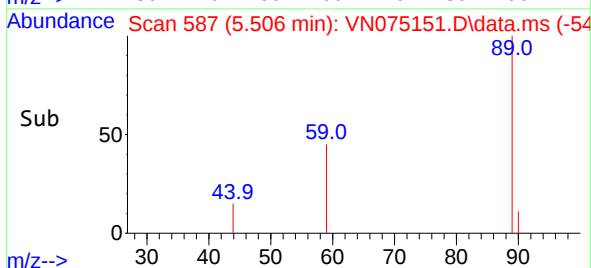
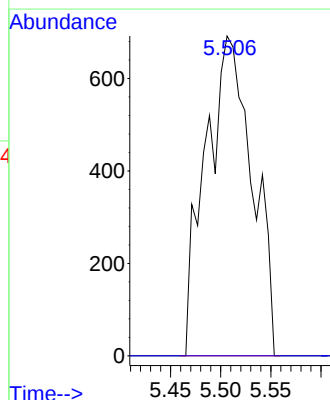
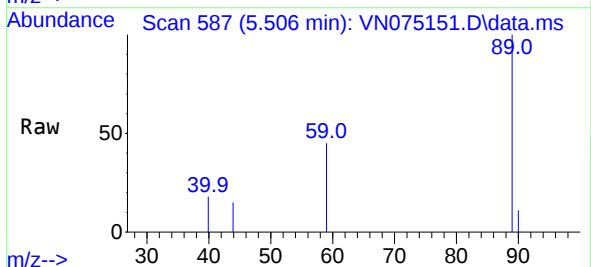
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

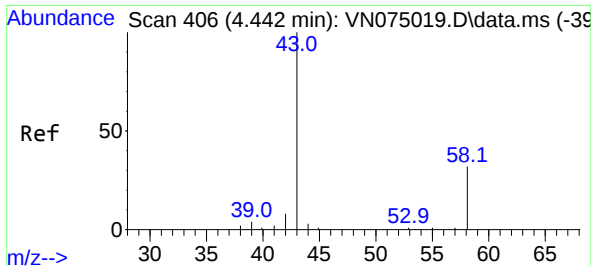
Tgt Ion: 64 Resp: 591
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 7.947 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 59 Resp: 2241
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

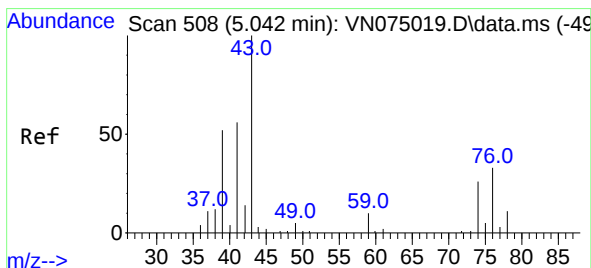
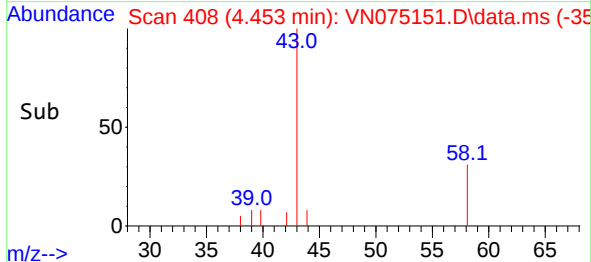
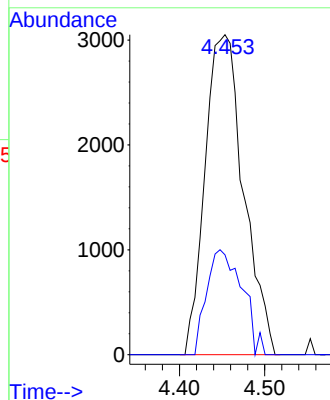
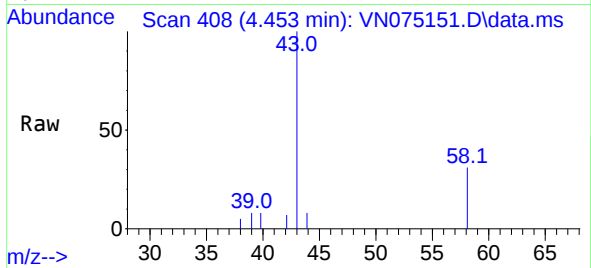




#16
Acetone
Concen: 18.713 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

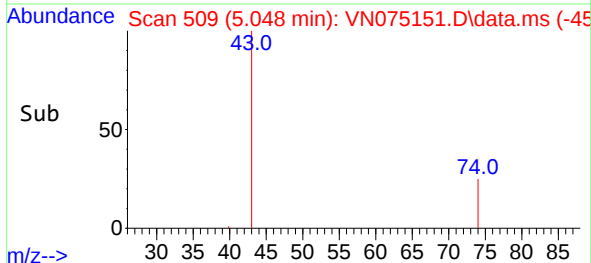
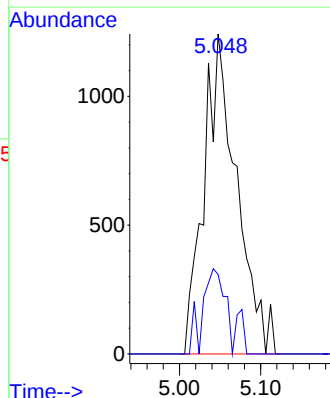
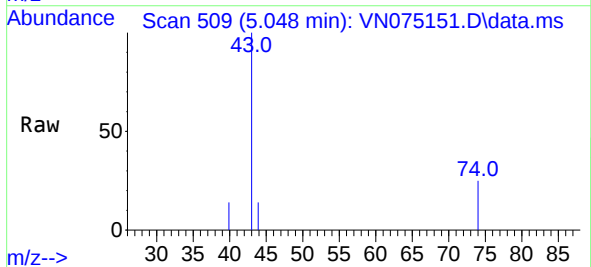
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

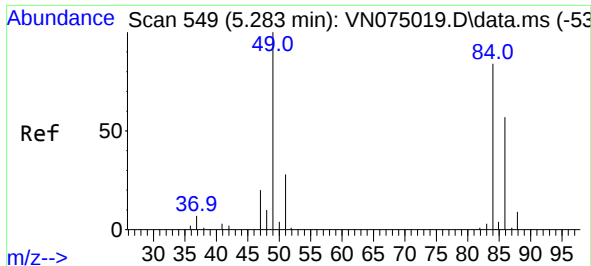
Tgt Ion: 43 Resp: 9581
Ion Ratio Lower Upper
43 100
58 31.2 25.5 38.3



#18
Methyl Acetate
Concen: 2.087 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 43 Resp: 3490
Ion Ratio Lower Upper
43 100
74 18.1 22.0 33.0#



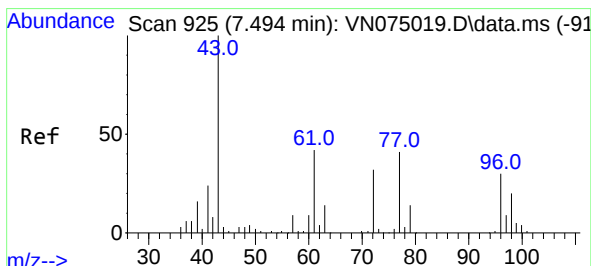
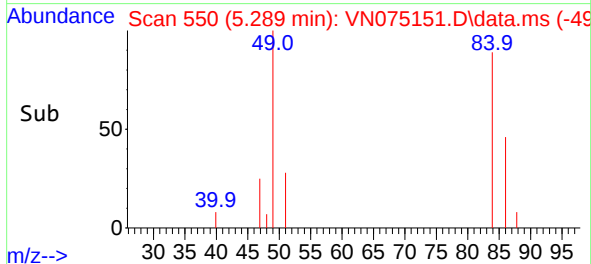
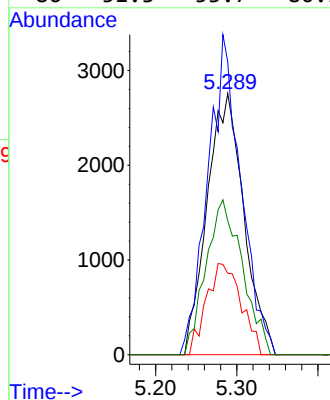
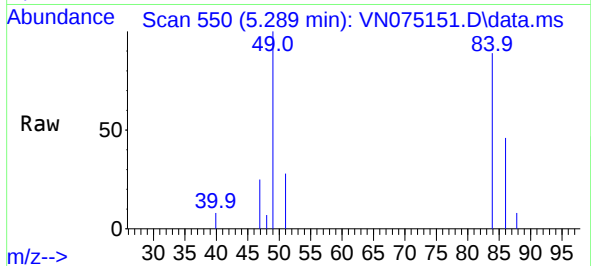


#20
Methylene Chloride
Concen: 7.605 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

Tgt Ion: 84 Resp: 8682

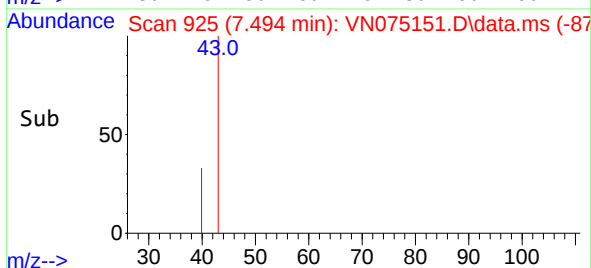
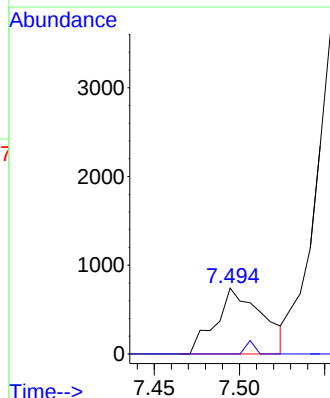
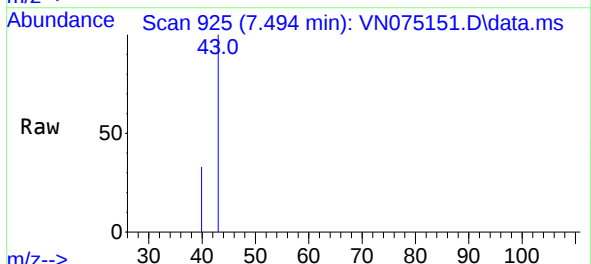
Ion	Ratio	Lower	Upper
84	100		
49	112.2	94.9	142.3
51	31.2	26.8	40.2
86	51.3	53.7	80.5

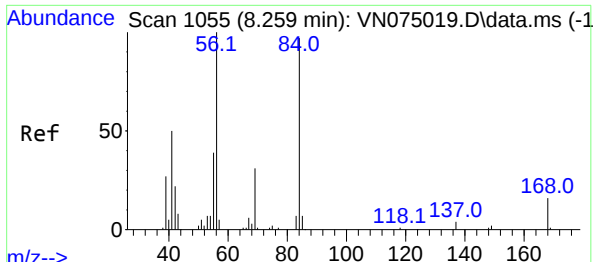


#25
2-Butanone
Concen: 1.741 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 43 Resp: 1402

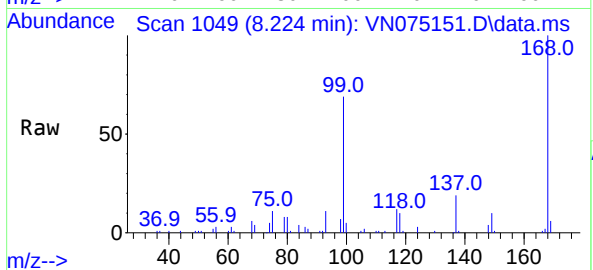
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3



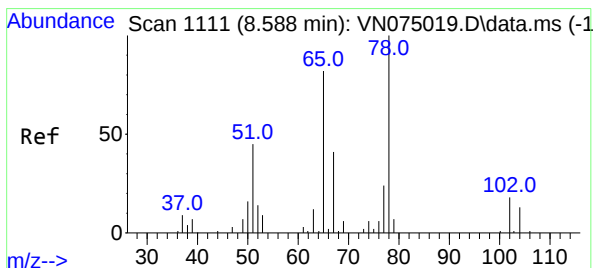
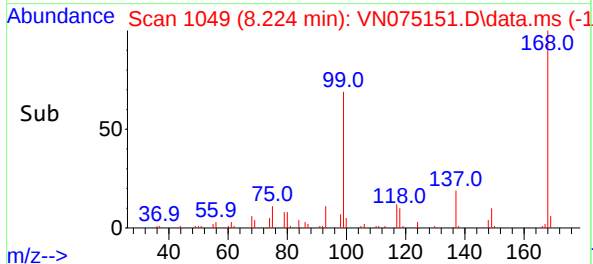
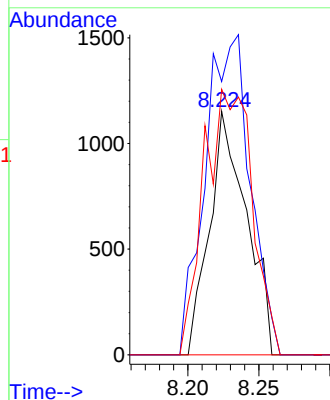


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

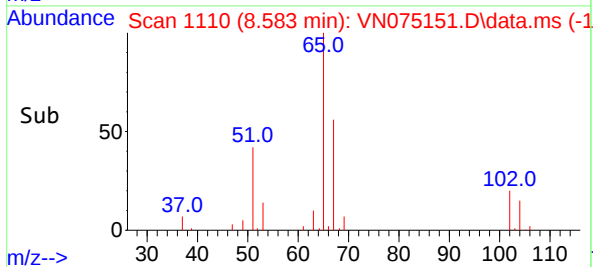
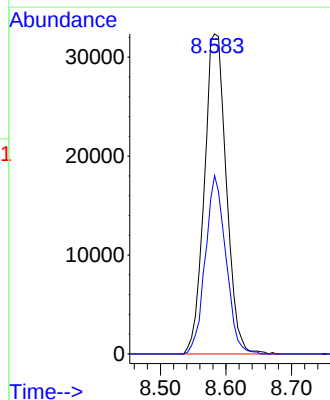
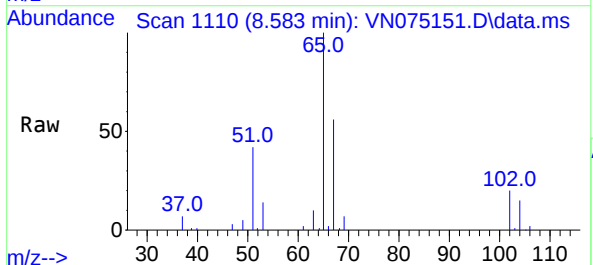


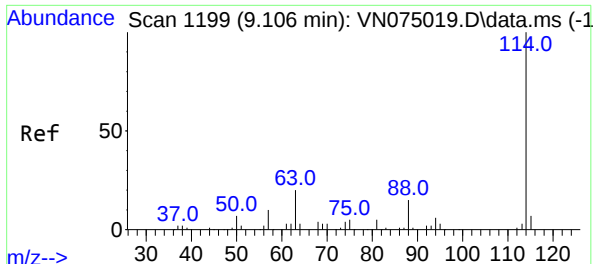
Tgt Ion: 56 Resp: 2093
Ion Ratio Lower Upper
56 100
69 112.2 25.2 37.8#
84 109.1 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 62.428 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 65 Resp: 75488
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0



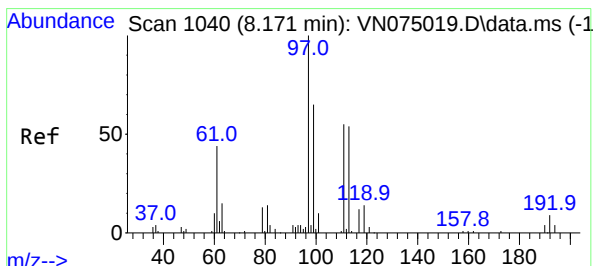
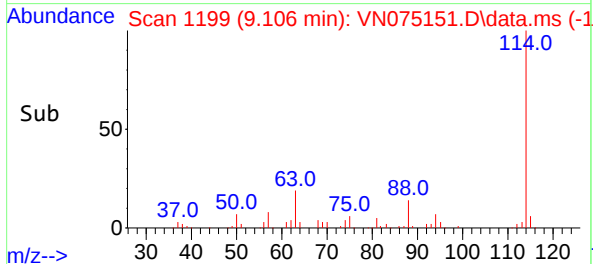
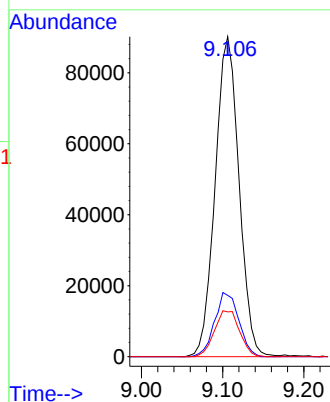
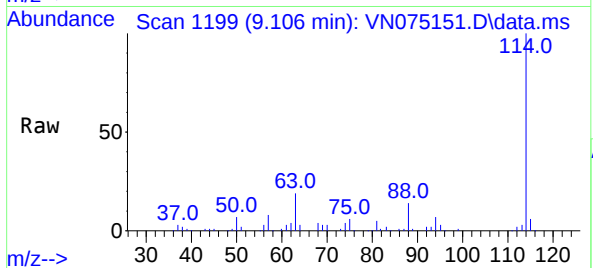


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

Tgt Ion:114 Resp: 184239

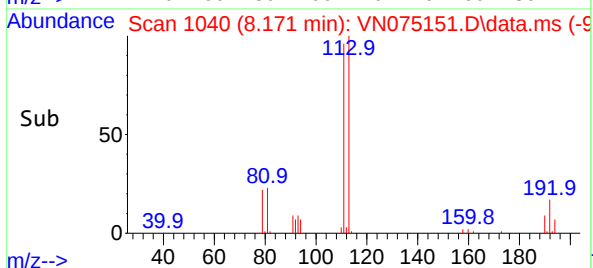
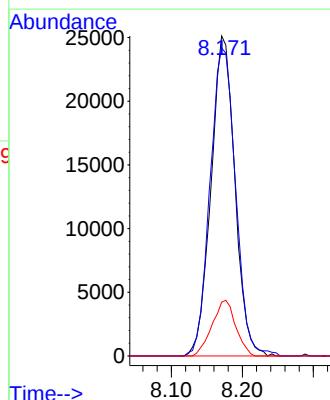
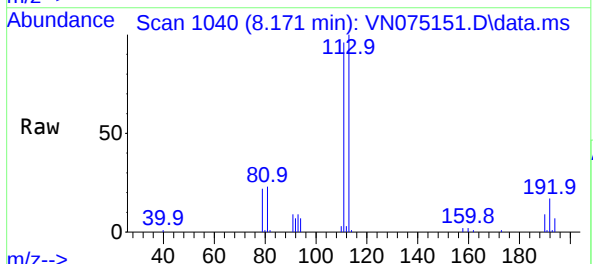
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	14.0	0.0	29.0

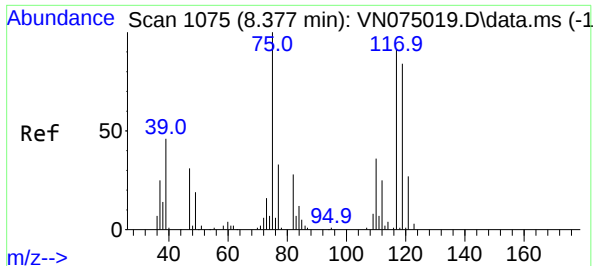


#35
Dibromofluoromethane
Concen: 54.083 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion:113 Resp: 58495

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.5	120.7
192	17.3	13.2	19.8

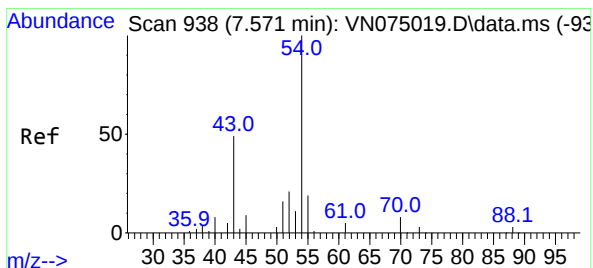
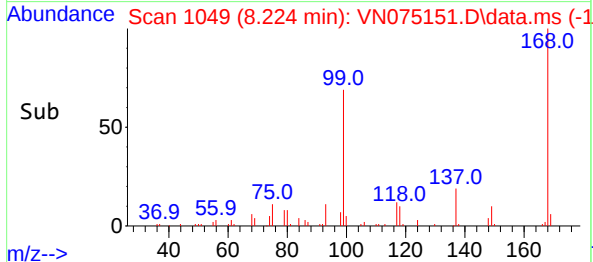
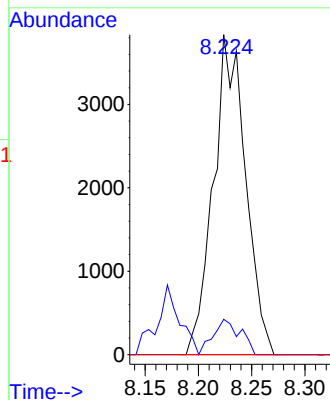
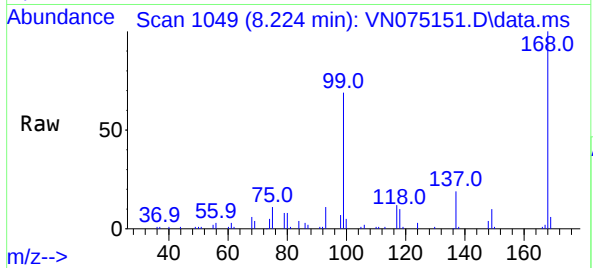




#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

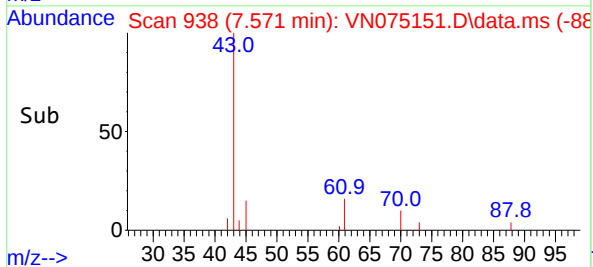
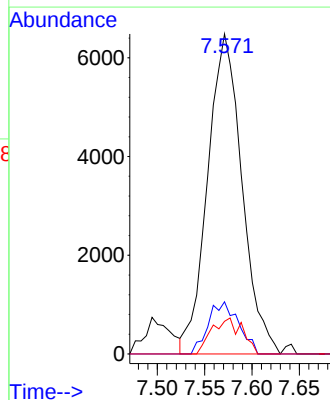
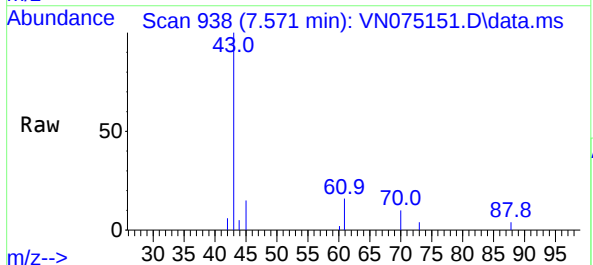
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

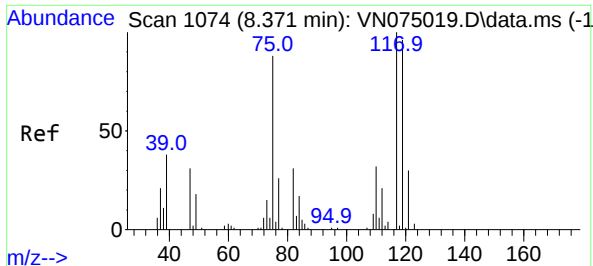
Tgt Ion: 75 Resp: 8045
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 8.895 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

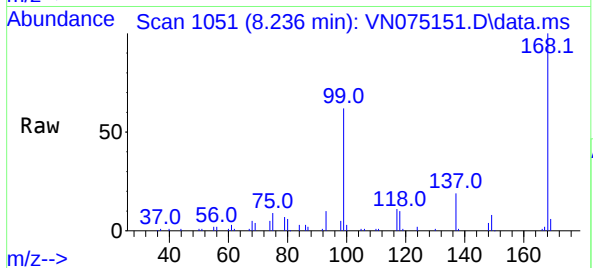
Tgt Ion: 43 Resp: 16334
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.4
70 10.0 9.4 14.2



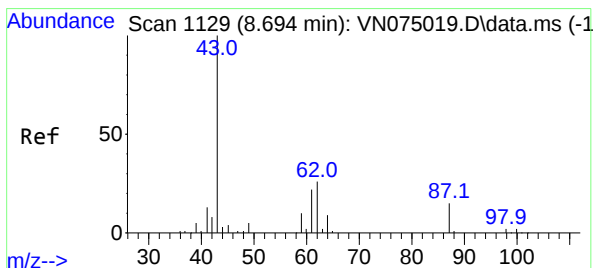
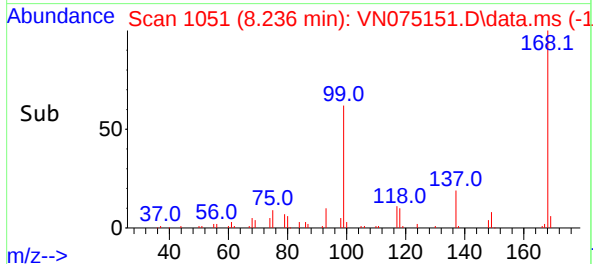
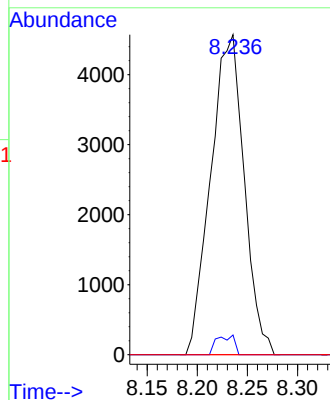


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 8.236 min Scan# 1074
Delta R.T. -0.135 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

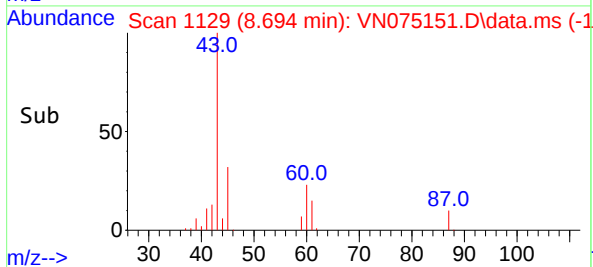
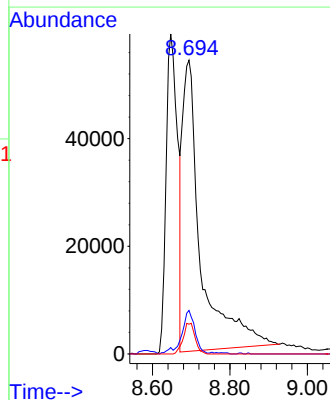
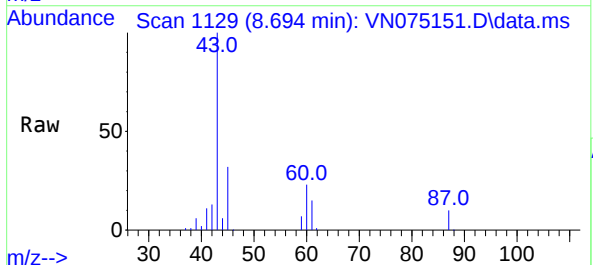


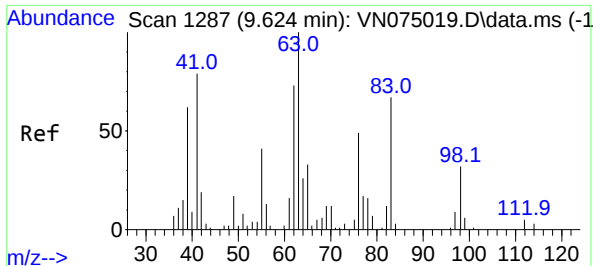
Tgt Ion:117 Resp: 10613
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 62.950 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 43 Resp: 179308
Ion Ratio Lower Upper
43 100
61 9.6 22.4 33.6#
87 6.8 12.5 18.7#

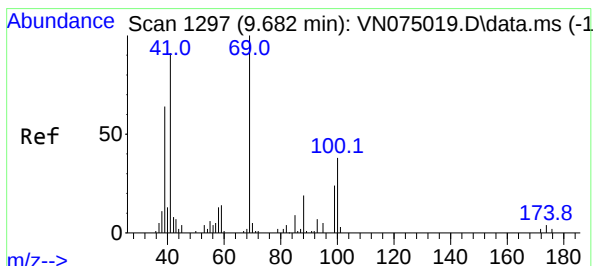
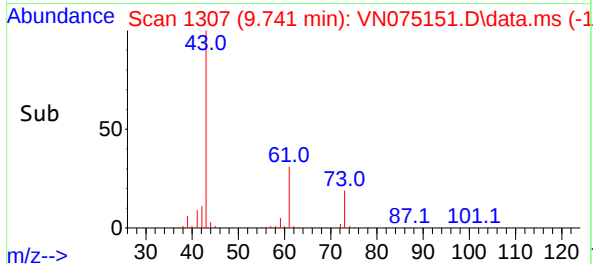
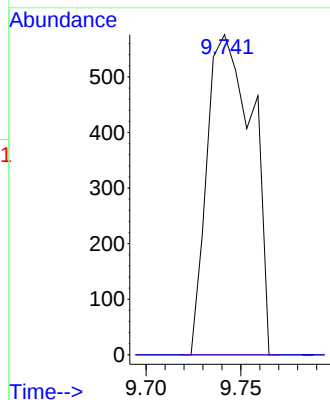
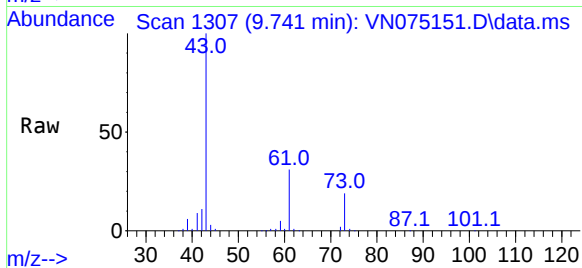




#45
1,2-Dichloropropane
Concen: 0.784 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

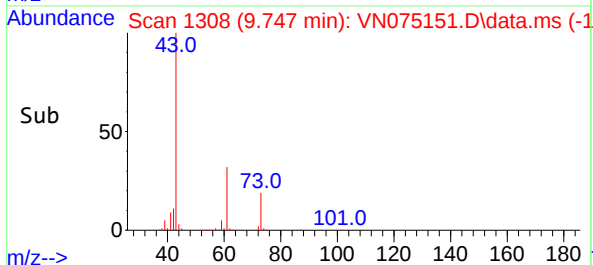
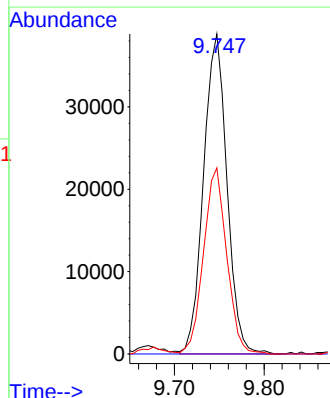
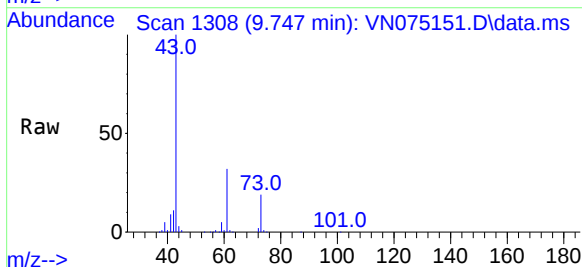
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

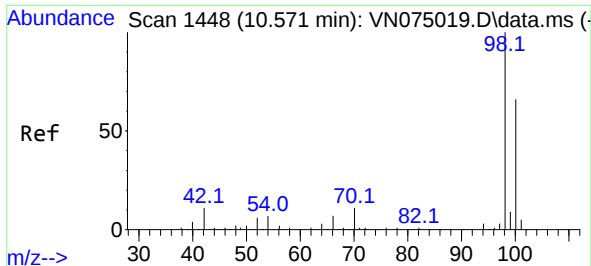
Tgt Ion: 63 Resp: 957
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#



#48
Methyl methacrylate
Concen: 53.833 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.065 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 41 Resp: 70339
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 57.6 56.2 84.2

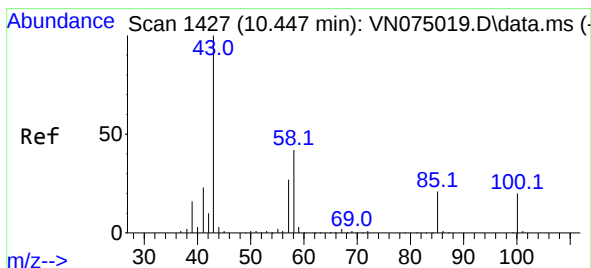
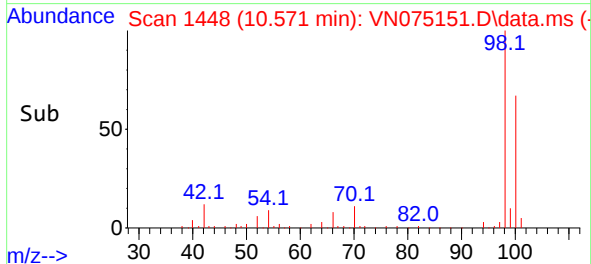
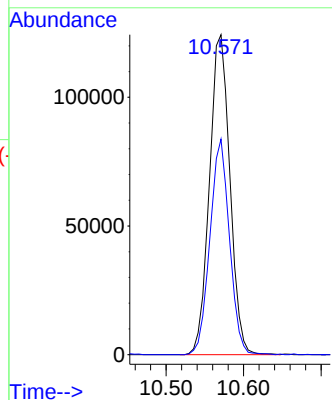
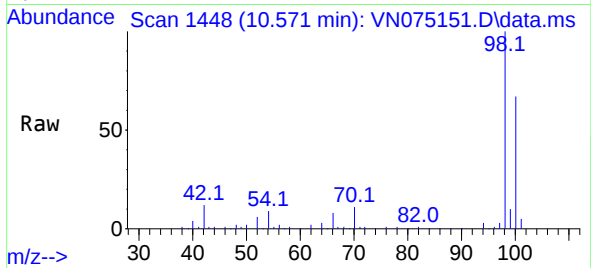




#50
Toluene-d8
Concen: 54.258 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

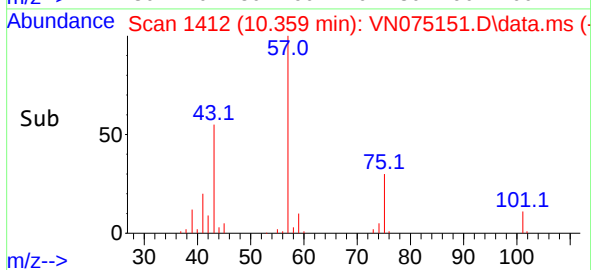
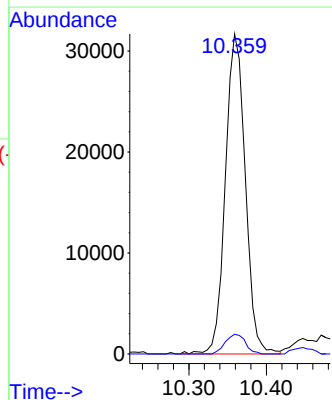
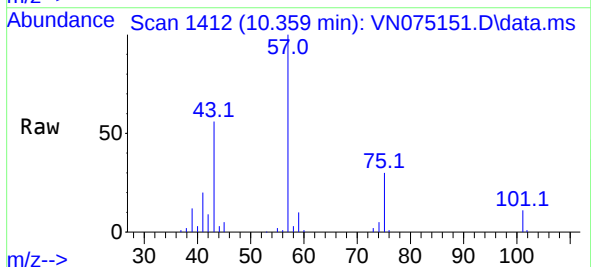
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

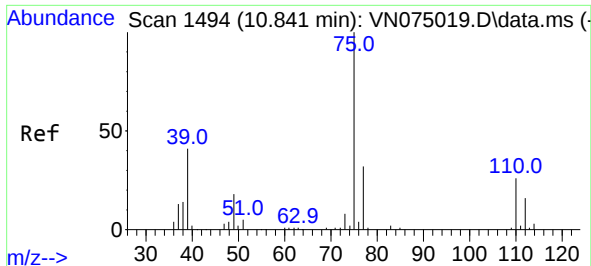
Tgt Ion: 98 Resp: 227677
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 30.859 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. -0.088 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 43 Resp: 56722
Ion Ratio Lower Upper
43 100
58 6.2 33.6 50.4#

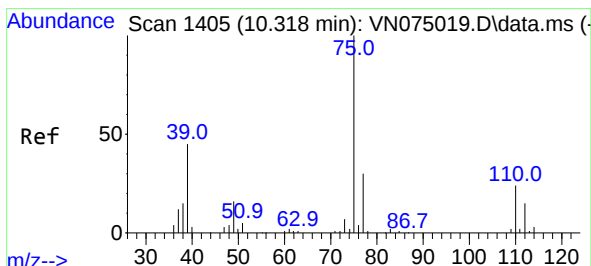
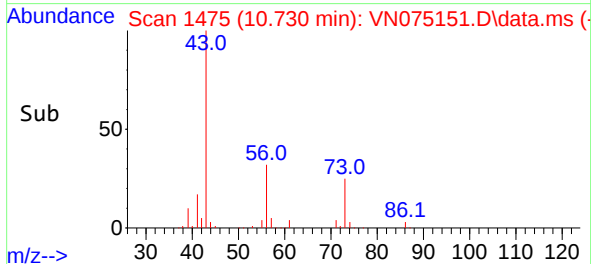
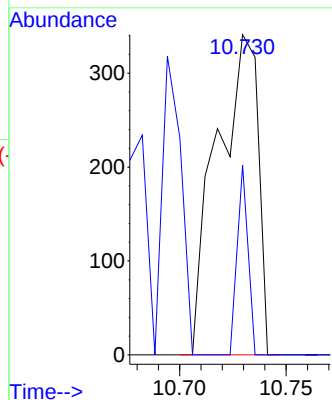
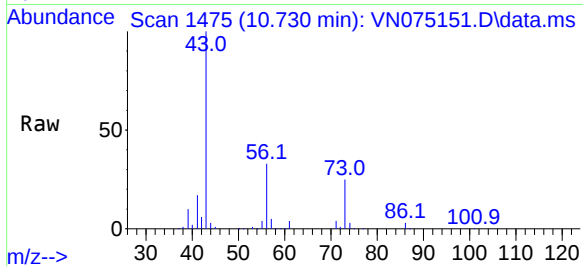




#53
 t-1,3-Dichloropropene
 Concen: 0.236 ug/l
 RT: 10.730 min Scan# 1412
 Delta R.T. -0.111 min
 Lab File: VN075151.D
 Acq: 03 Nov 2022 18:01

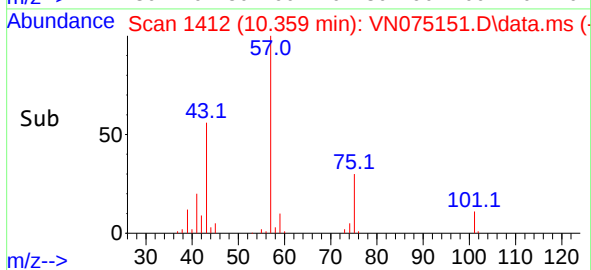
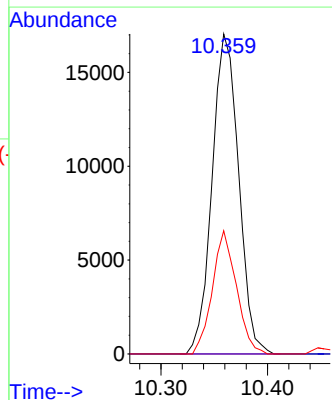
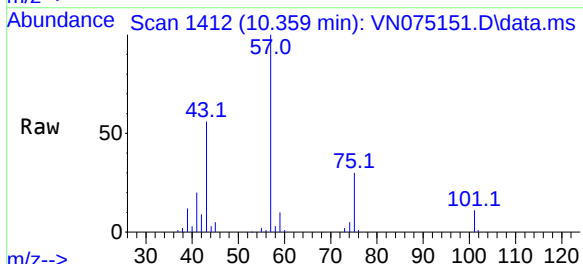
Instrument :
 MSVOA_N
 ClientSampleId :
 PB148771ZHE#03

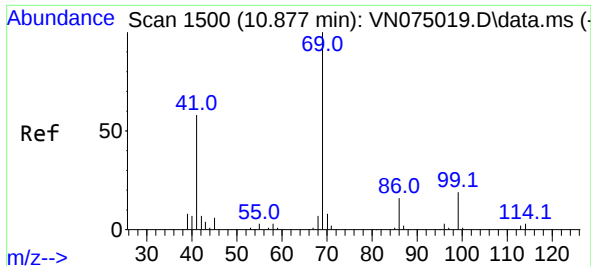
Tgt Ion: 75 Resp: 459
 Ion Ratio Lower Upper
 75 100
 77 59.2 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 14.307 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.041 min
 Lab File: VN075151.D
 Acq: 03 Nov 2022 18:01

Tgt Ion: 75 Resp: 29485
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 38.5 35.8 53.6

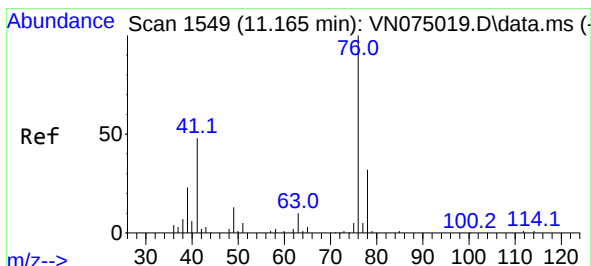
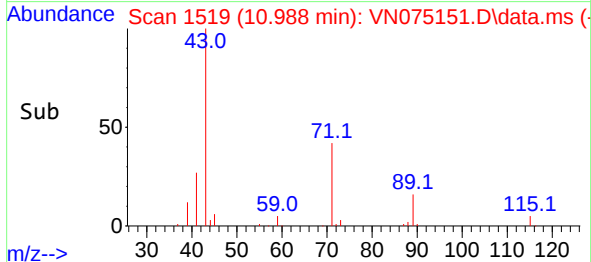
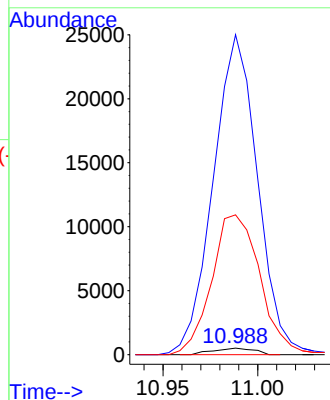
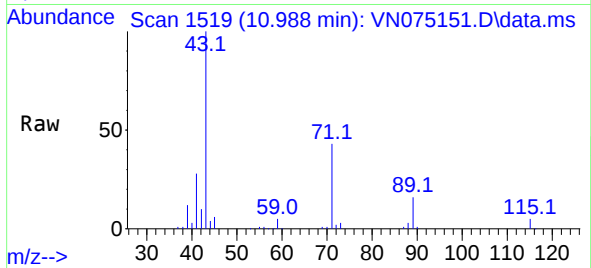




#56
Ethyl methacrylate
Concen: 0.373 ug/l
RT: 10.988 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

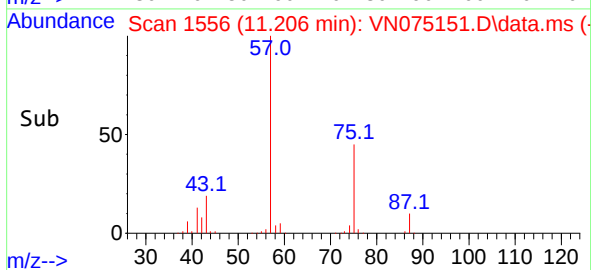
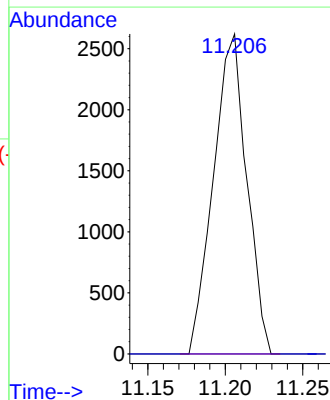
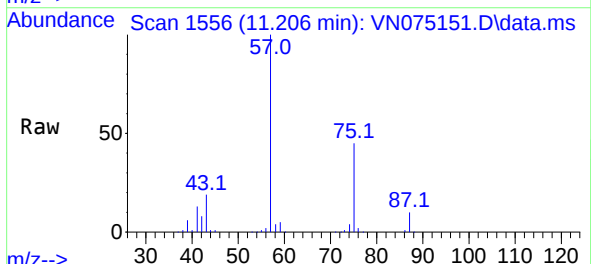
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

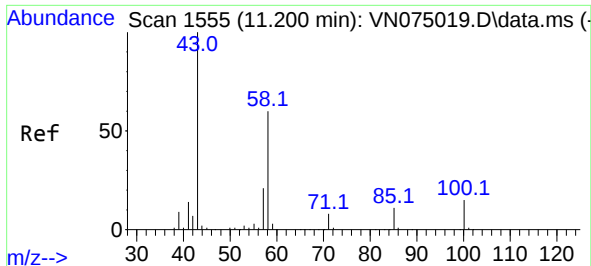
Tgt Ion: 69 Resp: 774
Ion Ratio Lower Upper
69 100
41 5298.2 45.6 68.4#
39 2515.8 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.731 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.041 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 76 Resp: 3917
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

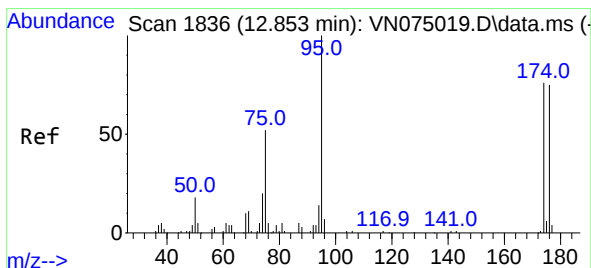
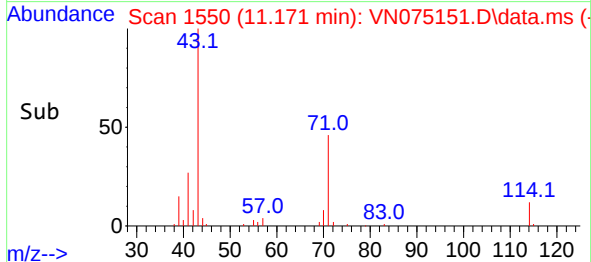
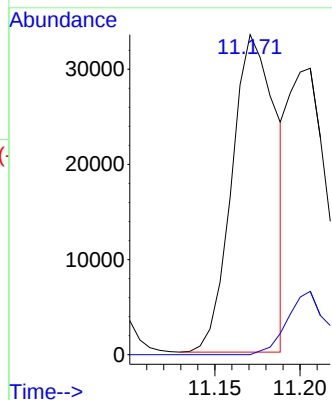
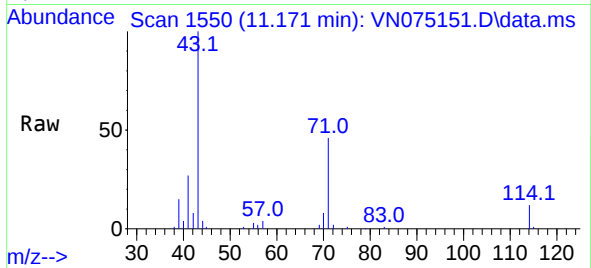




#59
2-Hexanone
Concen: 43.071 ug/l
RT: 11.171 min Scan# 1115
Delta R.T. -0.029 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

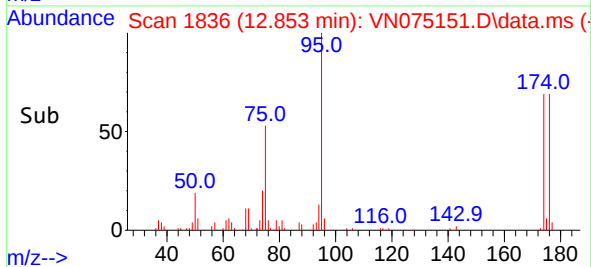
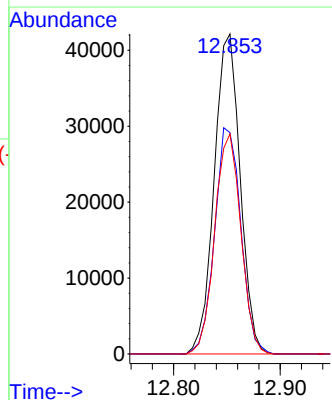
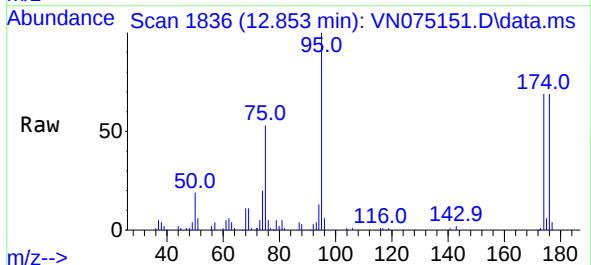
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

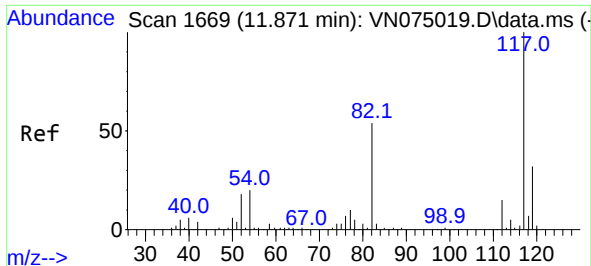
Tgt Ion: 43 Resp: 60087
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 48.395 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 95 Resp: 71337
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.2 0.0 142.2

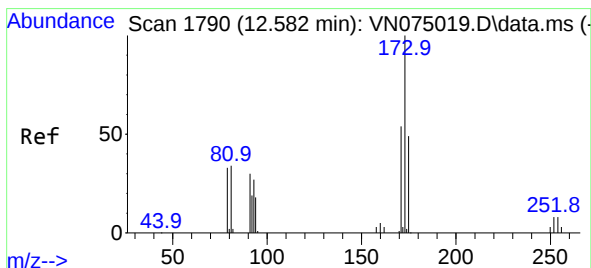
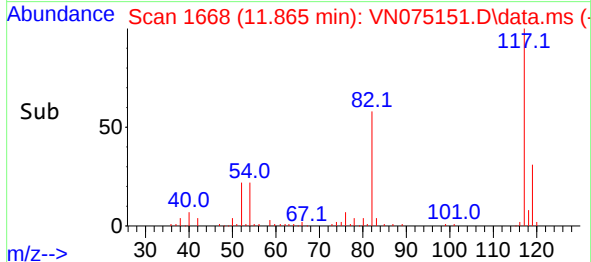
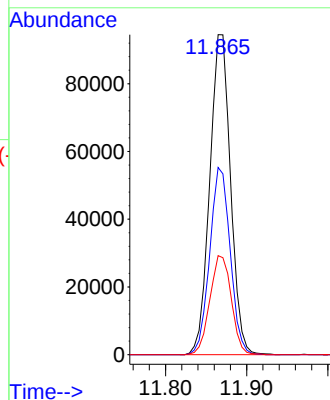
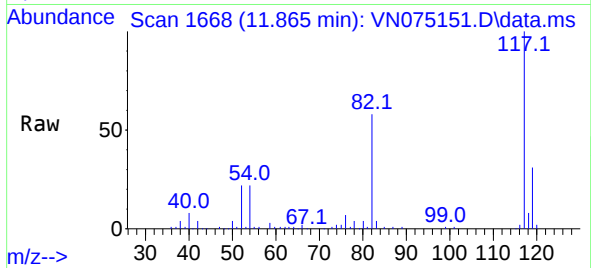




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

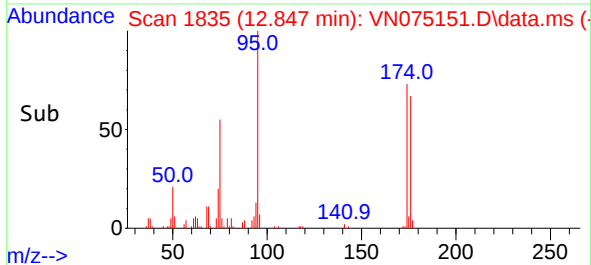
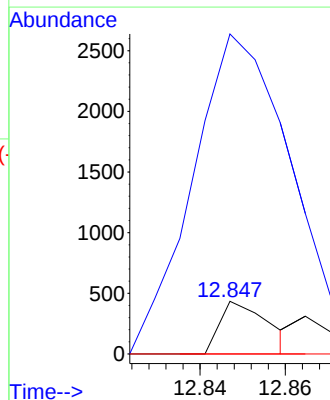
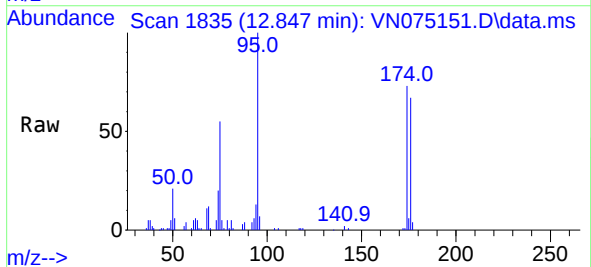
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

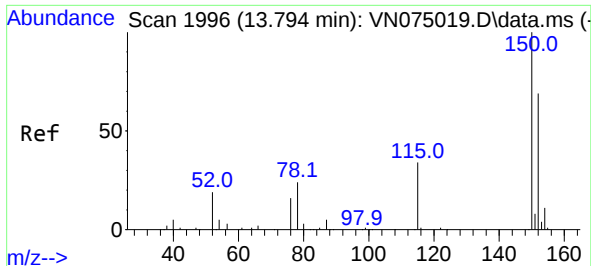
Tgt Ion:117 Resp: 168083
Ion Ratio Lower Upper
117 100
82 58.5 43.1 64.7
119 31.0 25.5 38.3



#71
Bromoform
Concen: 0.343 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

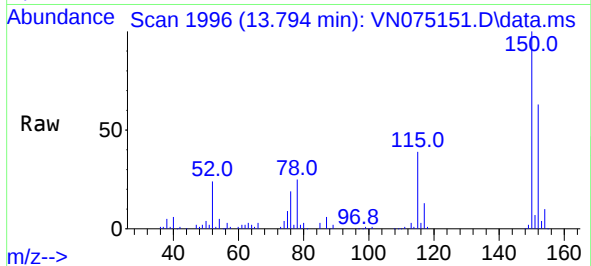
Tgt Ion:173 Resp: 342
Ion Ratio Lower Upper
173 100
175 1062.9 24.6 74.0#
254 0.0 0.0 0.0



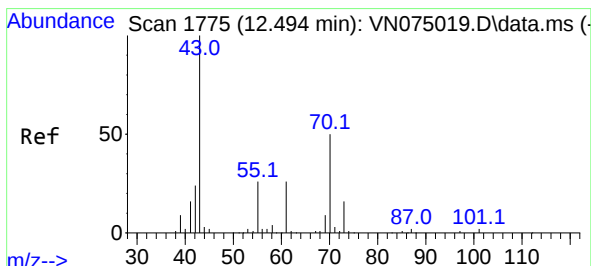
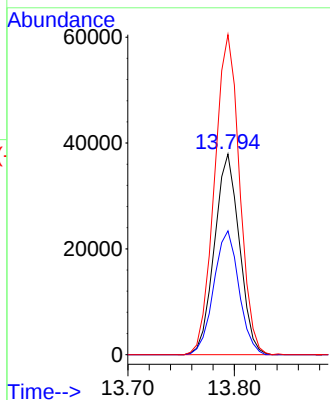
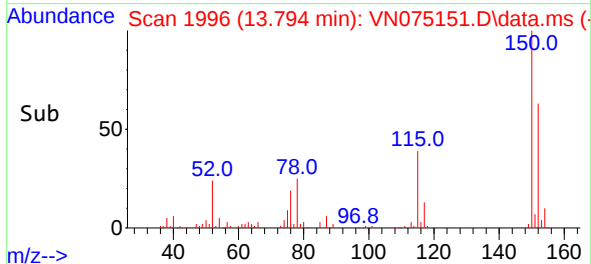


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

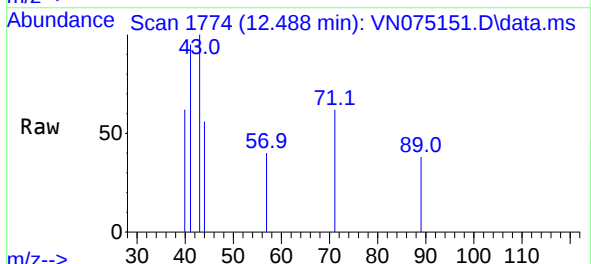
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03



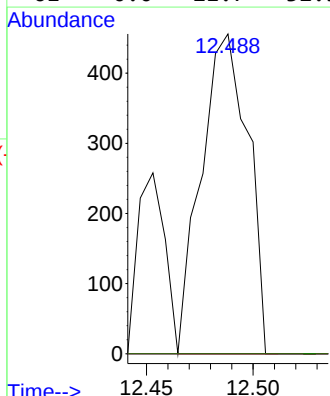
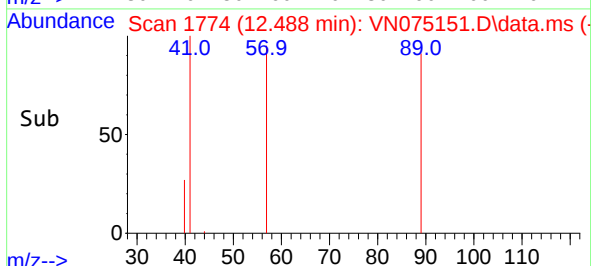
Tgt Ion:152 Resp: 61628
Ion Ratio Lower Upper
152 100
115 62.4 30.2 90.6
150 160.0 0.0 348.4

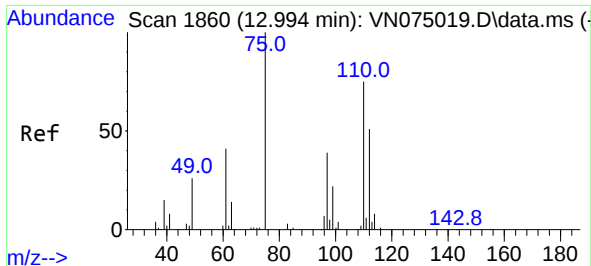


#74
N-ethyl acetate
Concen: 0.380 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01



Tgt Ion: 43 Resp: 696
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#

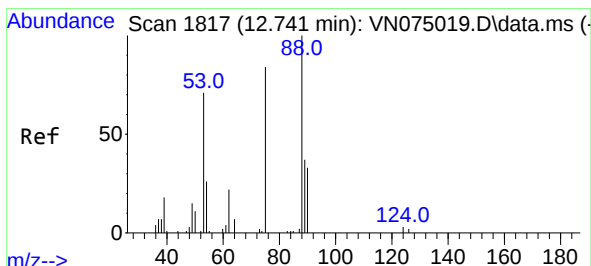
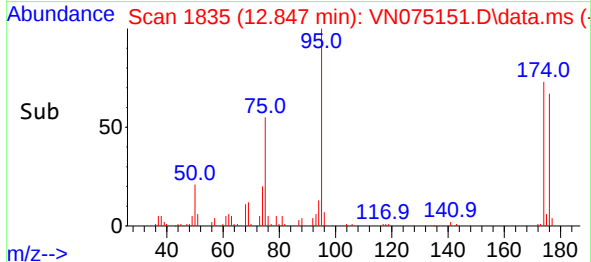
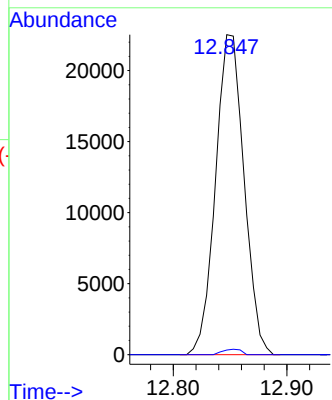
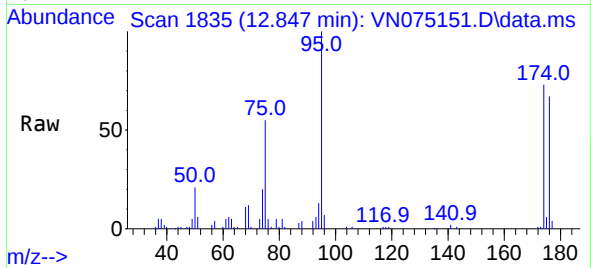




#76
1,2,3-Trichloropropane
Concen: 30.036 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#03

Tgt Ion: 75 Resp: 39303
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.102 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075151.D
Acq: 03 Nov 2022 18:01

Tgt Ion: 75 Resp: 39303
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

