

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075155.D
 Acq On : 03 Nov 2022 19:37
 Operator : JC\MD
 Sample : PB148771ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148771ZHE#07

Quant Time: Nov 04 04:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

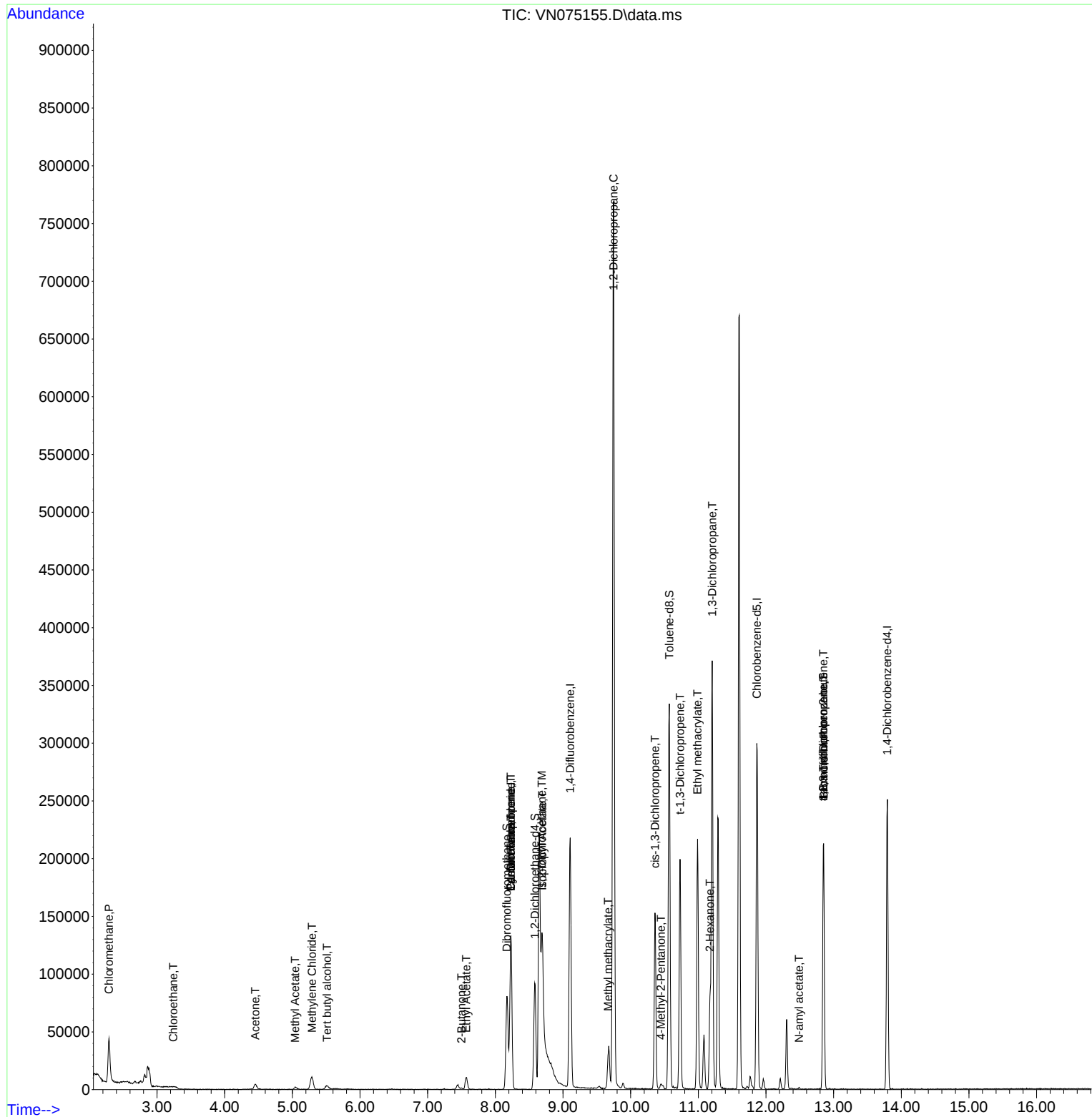
Internal Standards						
1) Pentafluorobenzene	8.230	168	92539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	188078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76103	61.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.080%	
35) Dibromofluoromethane	8.171	113	57670	52.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	10.571	98	232300	54.229	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	12.847	95	72224	47.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.289	50	1217	0.952	ug/l #	42
6) Chloroethane	3.242	64	671	0.513	ug/l #	45
11) Tert butyl alcohol	5.512	59	3217	11.064	ug/l #	72
16) Acetone	4.453	43	8705	16.488	ug/l	99
18) Methyl Acetate	5.041	43	3834	2.223	ug/l	94
20) Methylene Chloride	5.289	84	9120	7.748	ug/l #	82
25) 2-Butanone	7.500	43	1605	1.933	ug/l #	43
31) Cyclohexane	8.230	56	2407	1.298	ug/l #	42
36) 1,1-Dichloropropene	8.230	75	8641	5.055	ug/l #	47
37) Ethyl Acetate	7.571	43	16330	8.711	ug/l	95
38) Carbon Tetrachloride	8.230	117	10141	5.393	ug/l #	16
42) 1,2-Dichloroethane	8.688	62	905	0.475	ug/l #	75
43) Isopropyl Acetate	8.694	43	132049	45.412	ug/l #	79
45) 1,2-Dichloropropane	9.747	63	922	0.740	ug/l #	42
48) Methyl methacrylate	9.665	41	2361	1.770	ug/l #	35
51) 4-Methyl-2-Pentanone	10.447	43	5009	2.669	ug/l #	67
53) t-1,3-Dichloropropene	10.729	75	526	0.265	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	27972	13.296	ug/l #	67
56) Ethyl methacrylate	10.988	69	724	0.342	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3871	1.676	ug/l #	42
59) 2-Hexanone	11.171	43	60073	42.182	ug/l #	21
71) Bromoform	12.853	173	647	0.629	ug/l #	1
74) N-amyl acetate	12.488	43	564	0.284	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	40362	28.448	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40362	73.026	ug/l #	10

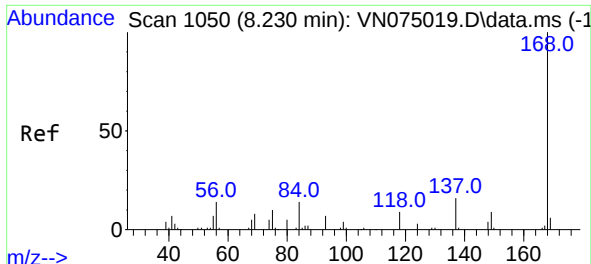
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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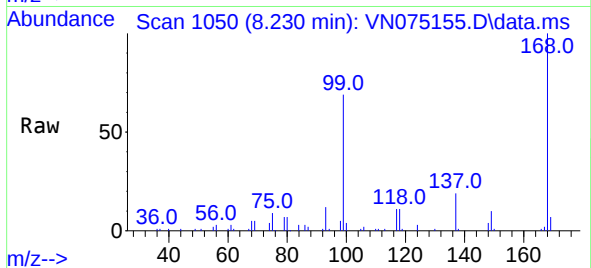
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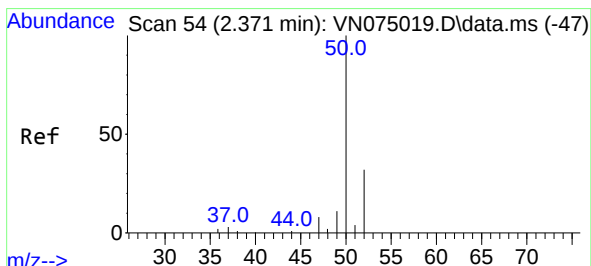
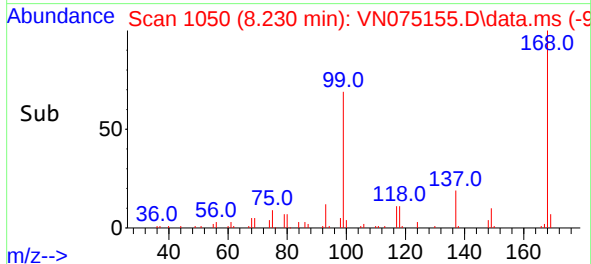
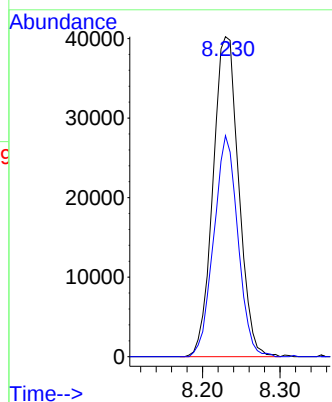


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

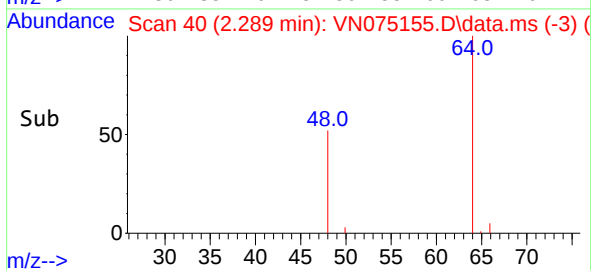
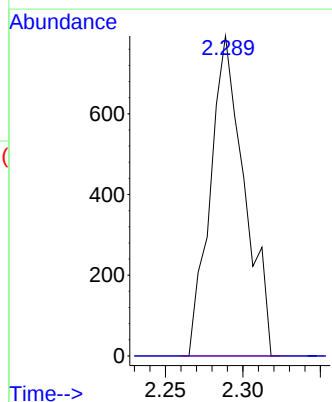
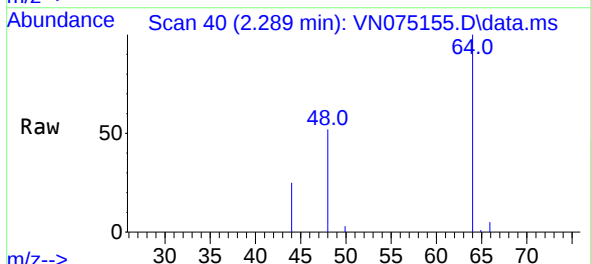


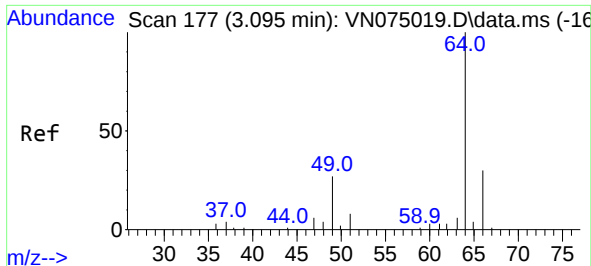
Tgt Ion:168 Resp: 92539
Ion Ratio Lower Upper
168 100
99 69.1 51.6 77.4



#3
Chloromethane
Concen: 0.952 ug/l
RT: 2.289 min Scan# 40
Delta R.T. -0.082 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 50 Resp: 1217
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

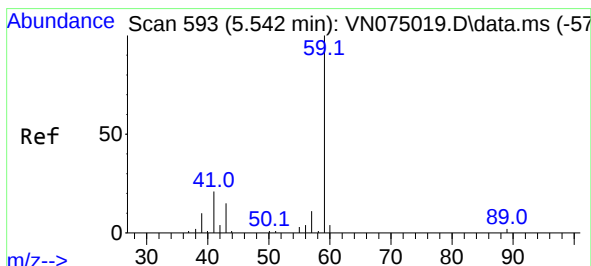
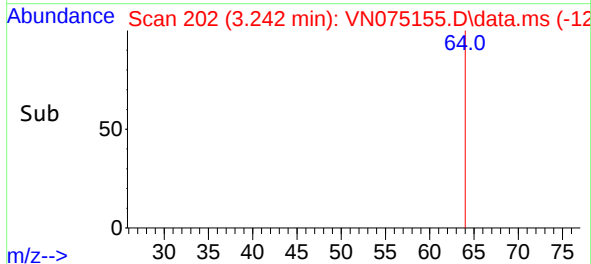
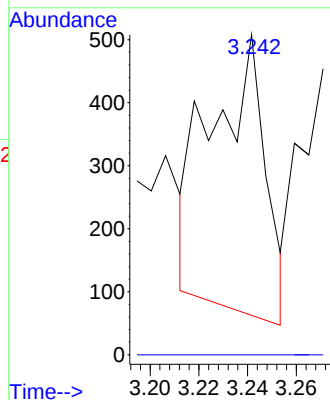
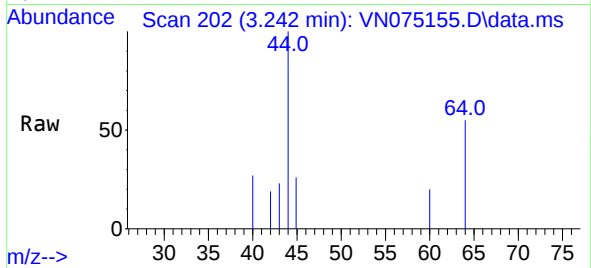




#6
Chloroethane
Concen: 0.513 ug/l
RT: 3.242 min Scan# 202
Delta R.T. 0.147 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

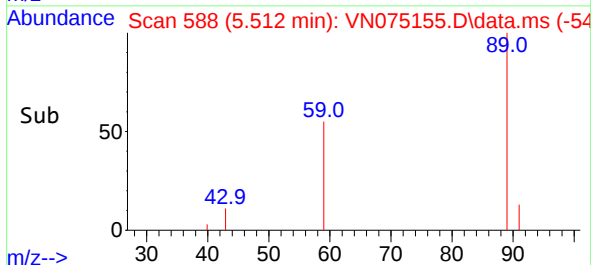
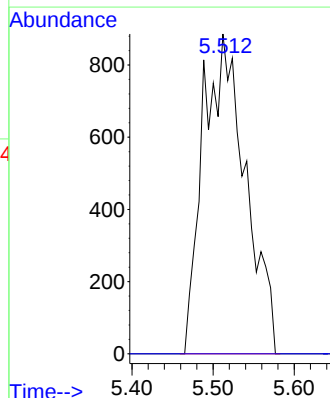
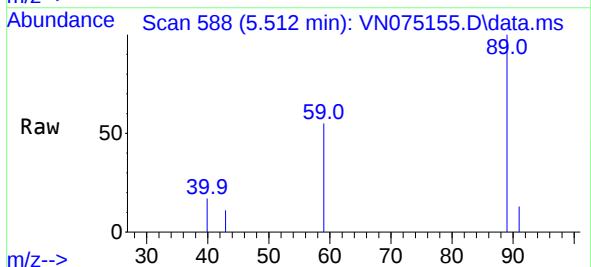
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

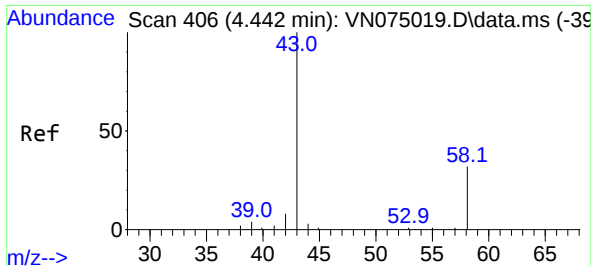
Tgt Ion: 64 Resp: 671
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 11.064 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 59 Resp: 3217
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

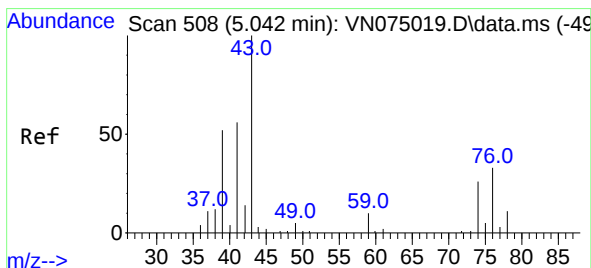
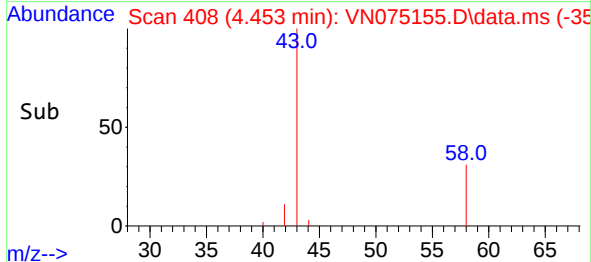
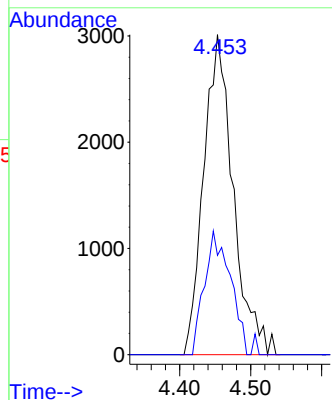
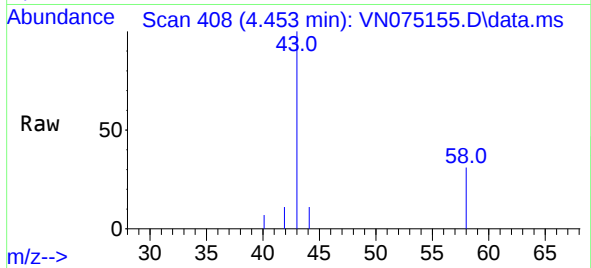




#16
Acetone
Concen: 16.488 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

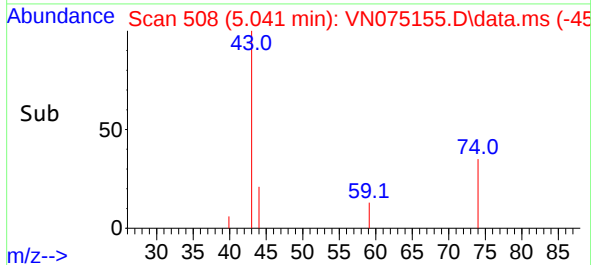
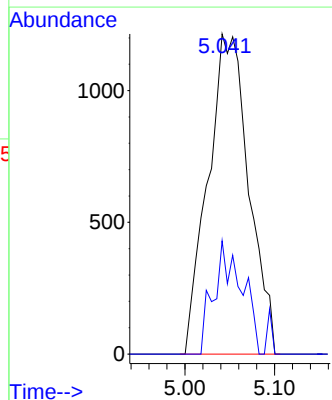
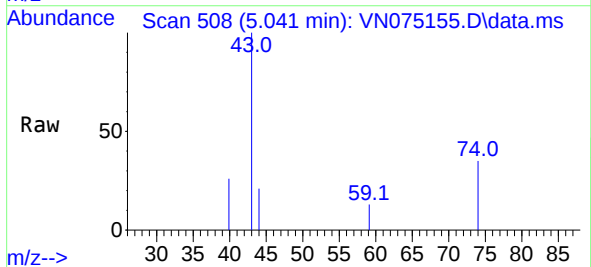
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

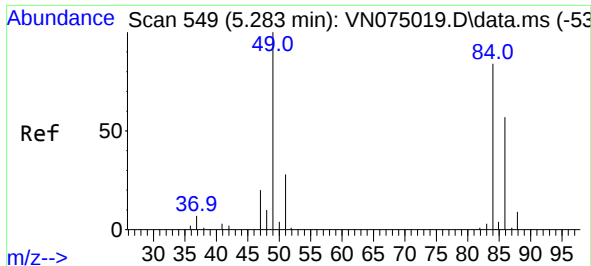
Tgt Ion: 43 Resp: 8705
Ion Ratio Lower Upper
43 100
58 31.1 25.5 38.3



#18
Methyl Acetate
Concen: 2.223 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.001 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 43 Resp: 3834
Ion Ratio Lower Upper
43 100
74 24.4 22.0 33.0

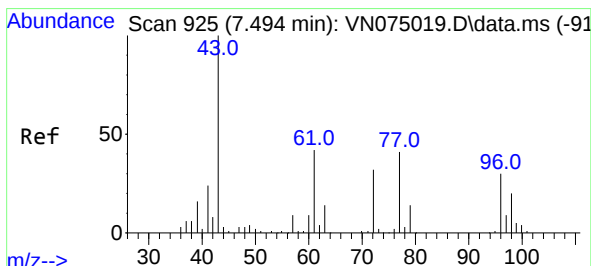
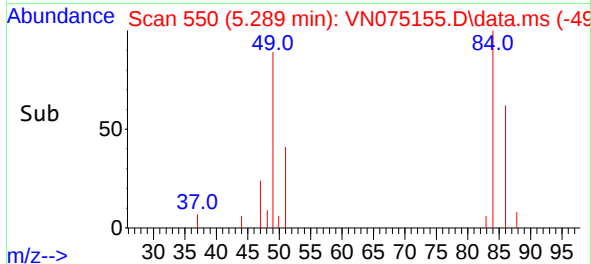
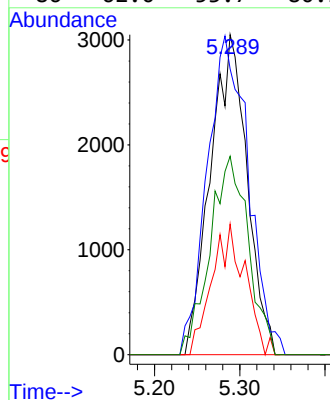
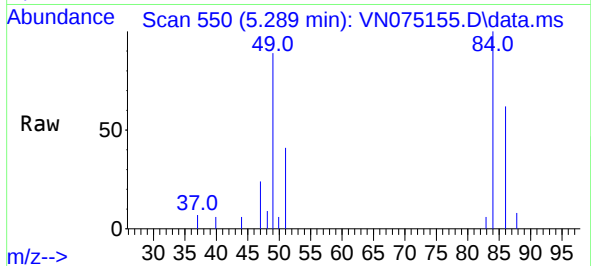




#20
Methylene Chloride
Concen: 7.748 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

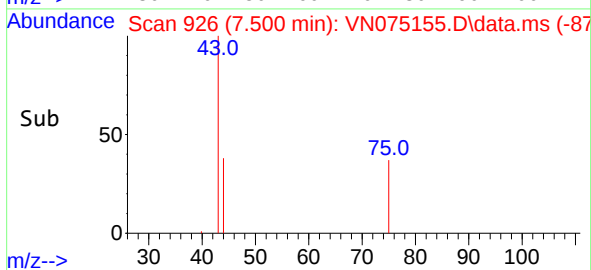
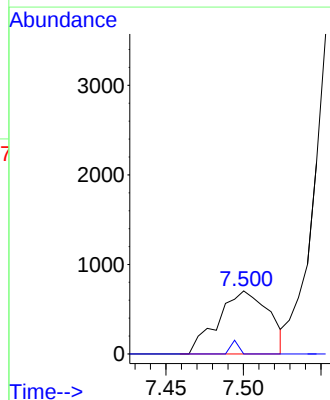
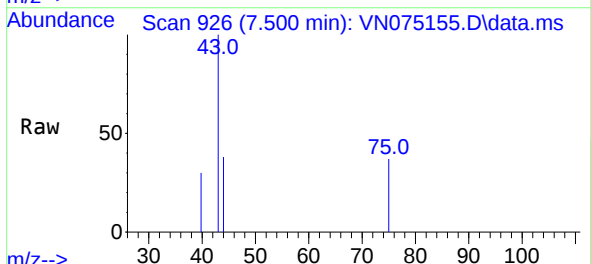
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

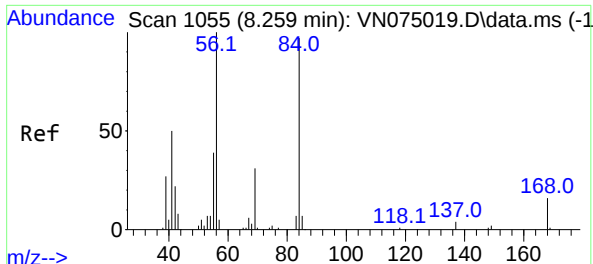
Tgt Ion: 84	Resp: 9120
Ion Ratio	Lower Upper
84 100	
49 89.3	94.9 142.3#
51 40.8	26.8 40.2#
86 62.0	53.7 80.5



#25
2-Butanone
Concen: 1.933 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

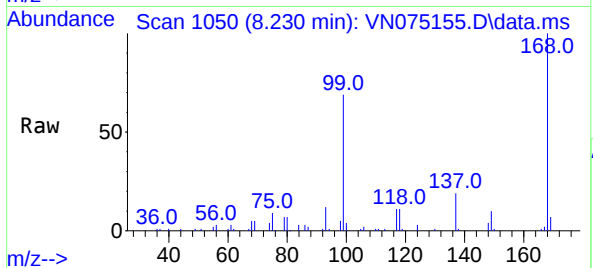
Tgt Ion: 43	Resp: 1605
Ion Ratio	Lower Upper
43 100	
72 0.0	25.5 38.3#



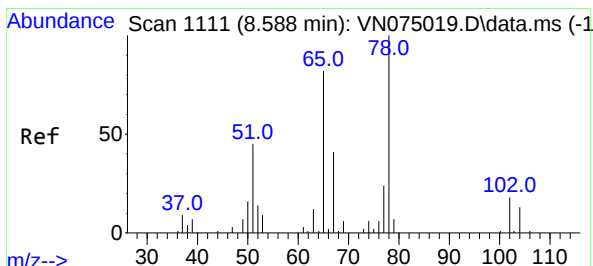
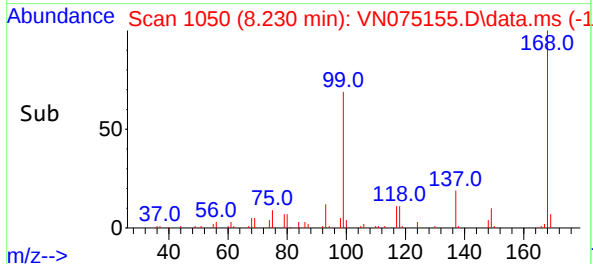
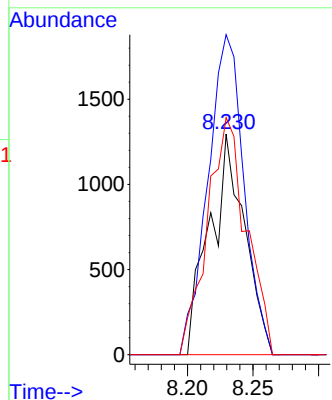


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

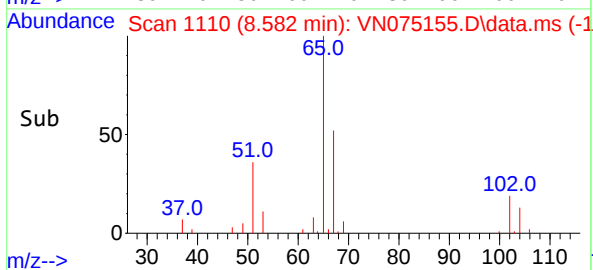
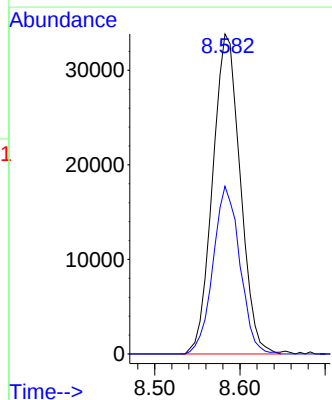
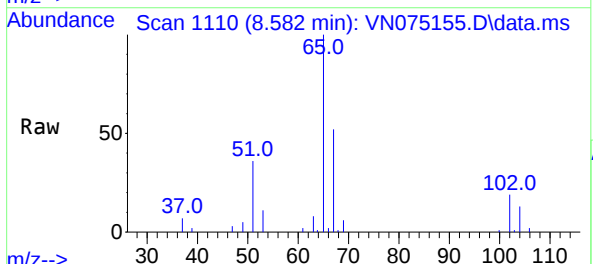


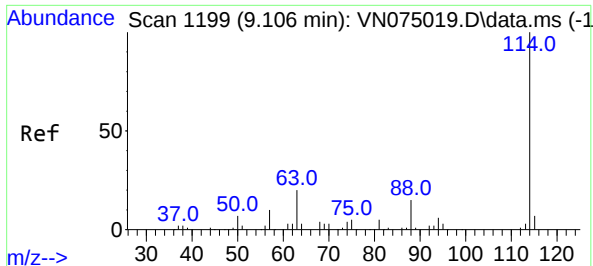
Tgt Ion: 56 Resp: 2407
Ion Ratio Lower Upper
56 100
69 145.0 25.2 37.8#
84 107.4 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 61.036 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 65 Resp: 76103
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.0

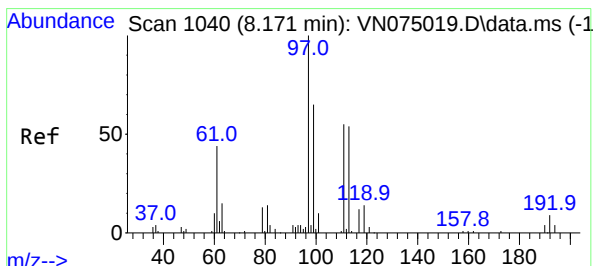
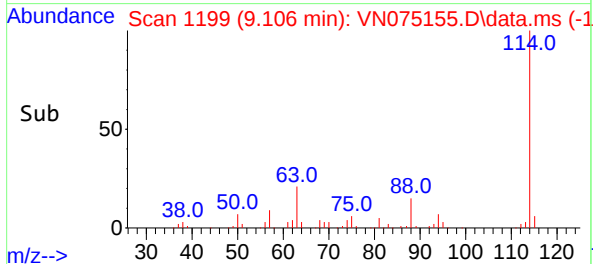
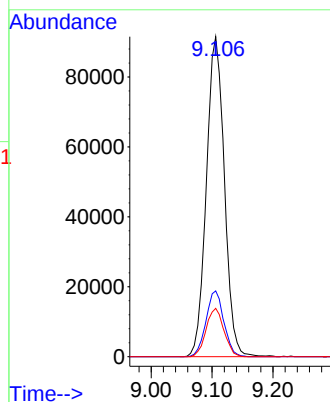
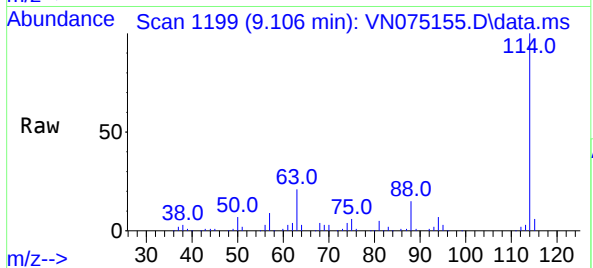




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

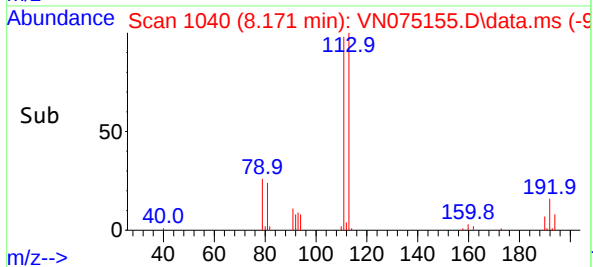
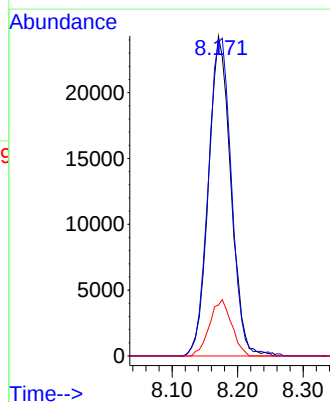
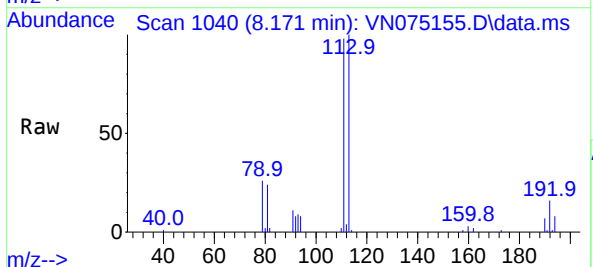
Instrument :
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ClientSampleId :
PB148771ZHE#07

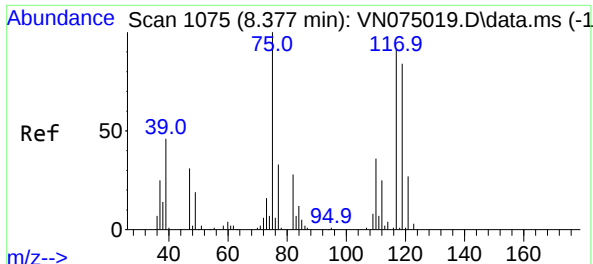
Tgt Ion:114 Resp: 188078
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.6
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.232 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion:113 Resp: 57670
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 17.3 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 8.230 min Scan# 1075

Delta R.T. -0.147 min

Lab File: VN075155.D

Acq: 03 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

PB148771ZHE#07

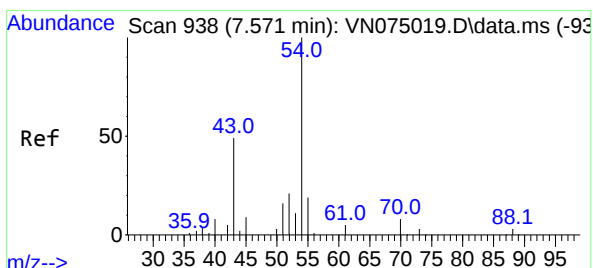
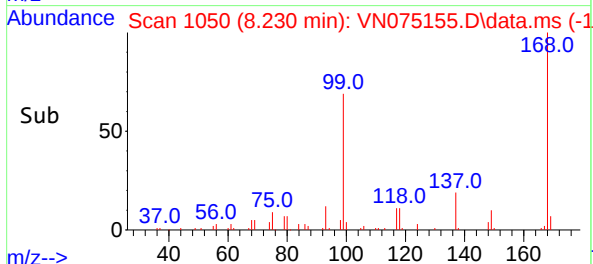
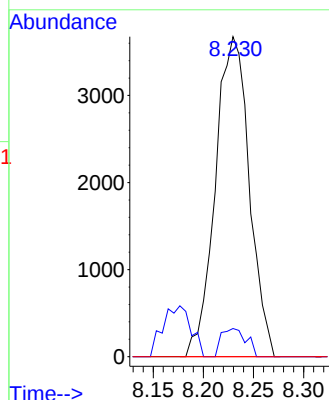
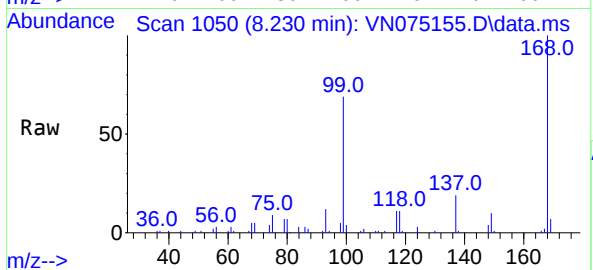
Tgt Ion: 75 Resp: 8641

Ion Ratio Lower Upper

75 100

110 6.5 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 8.711 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075155.D

Acq: 03 Nov 2022 19:37

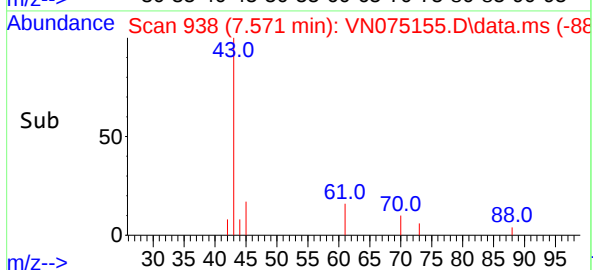
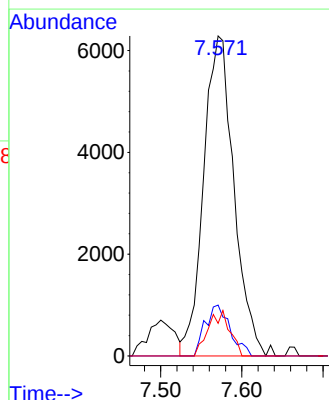
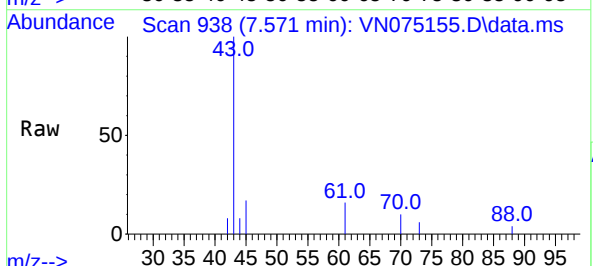
Tgt Ion: 43 Resp: 16330

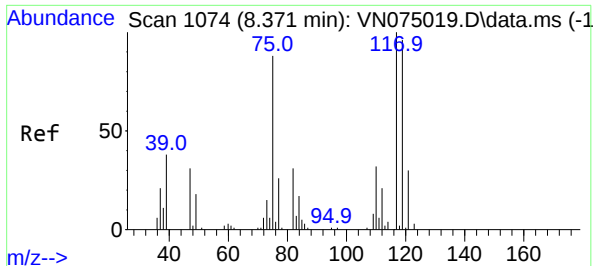
Ion Ratio Lower Upper

43 100

61 13.0 12.2 18.4

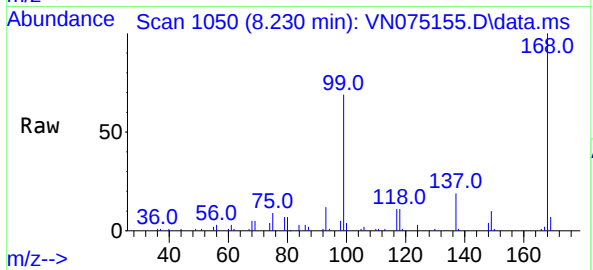
70 10.1 9.4 14.2



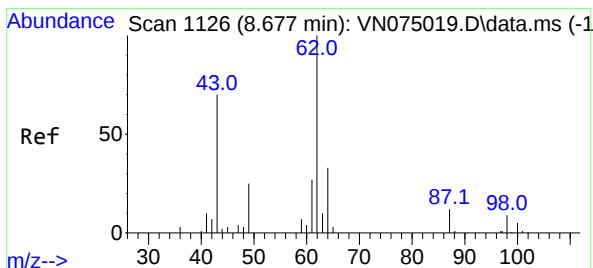
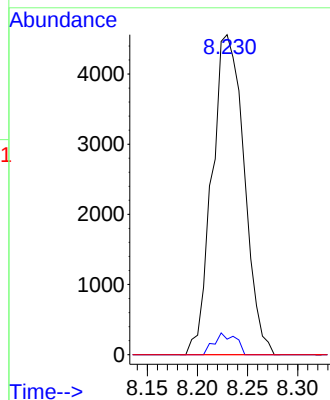
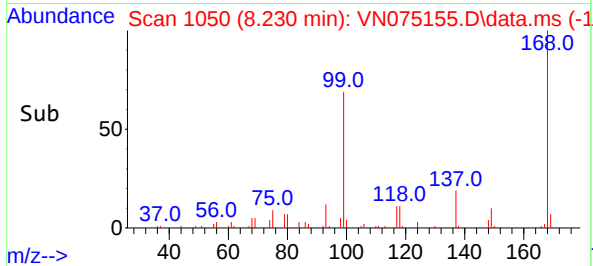


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.141 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Instrument : MSVOA_N
ClientSampleId : PB148771ZHE#07

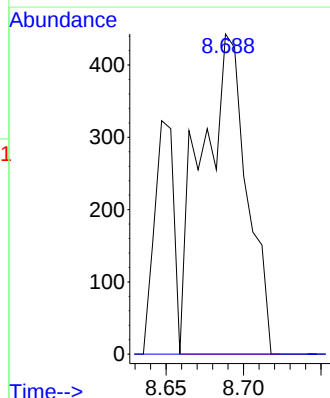
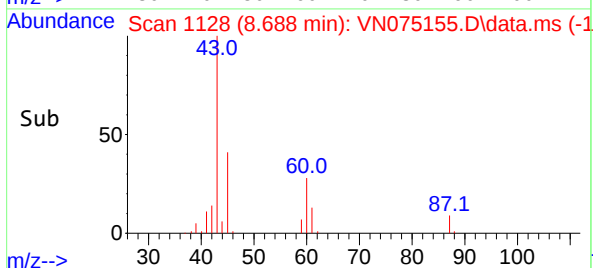
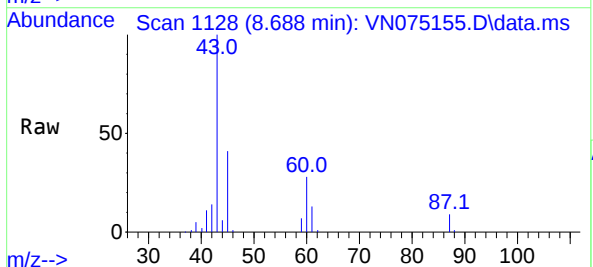


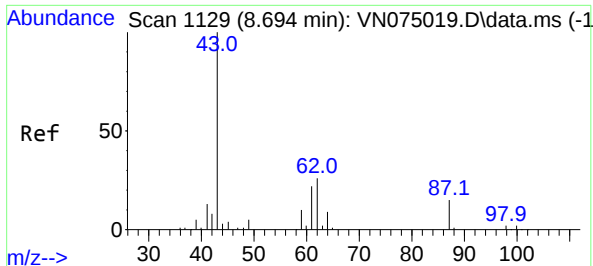
Tgt Ion:117 Resp: 10141
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.475 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 62 Resp: 905
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

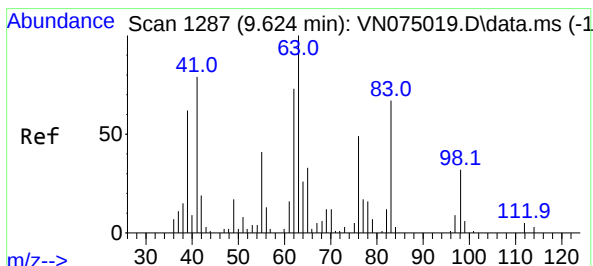
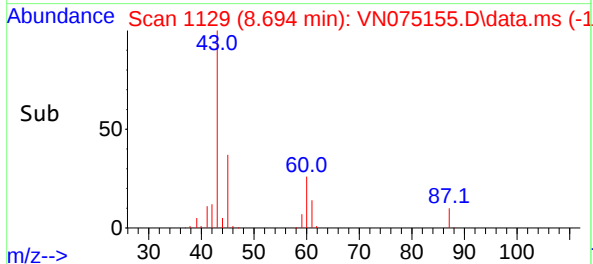
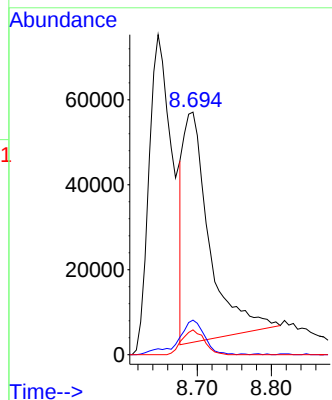
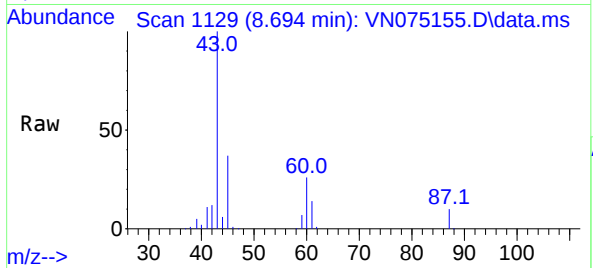




#43
Isopropyl Acetate
Concen: 45.412 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

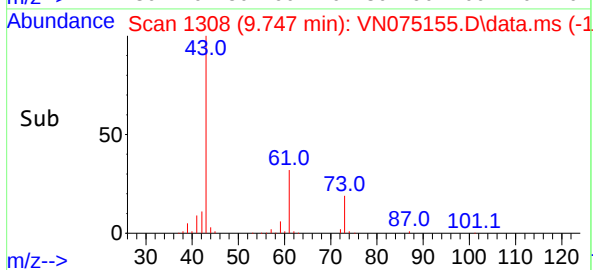
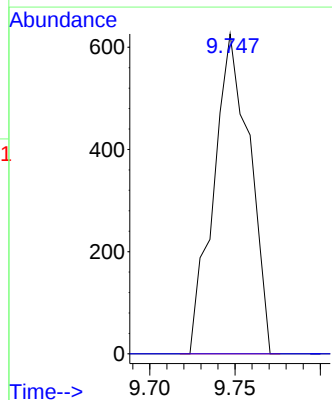
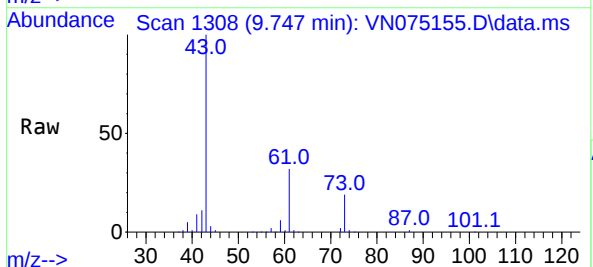
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

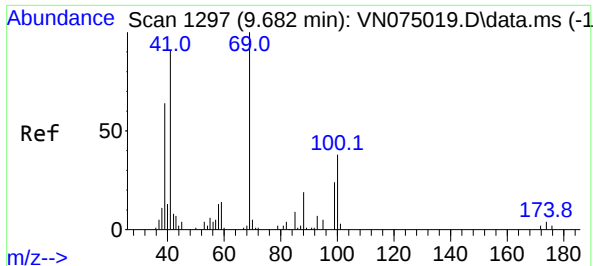
Tgt Ion: 43 Resp: 132049
Ion Ratio Lower Upper
43 100
61 15.3 22.4 33.6#
87 9.3 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.740 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.123 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 63 Resp: 922
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

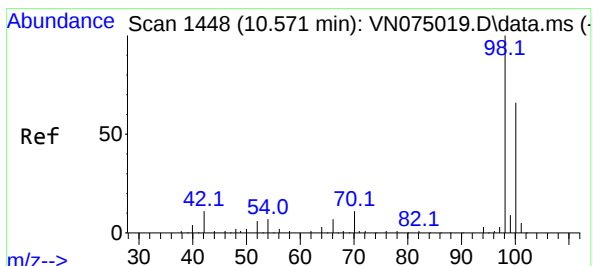
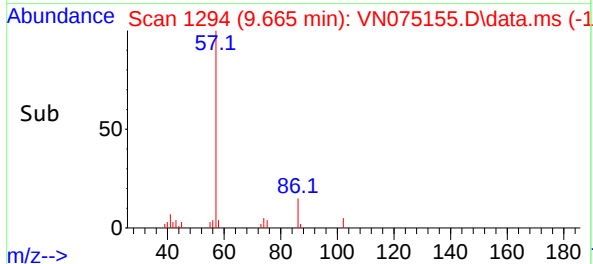
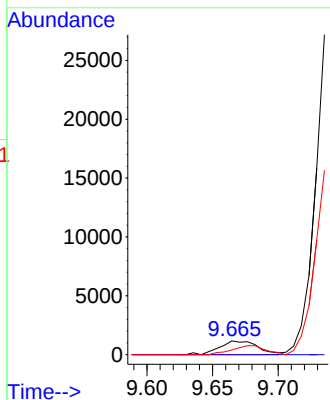
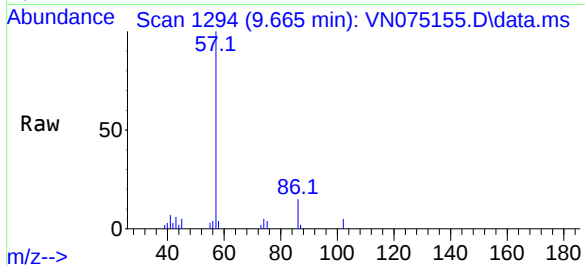




#48
Methyl methacrylate
Concen: 1.770 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

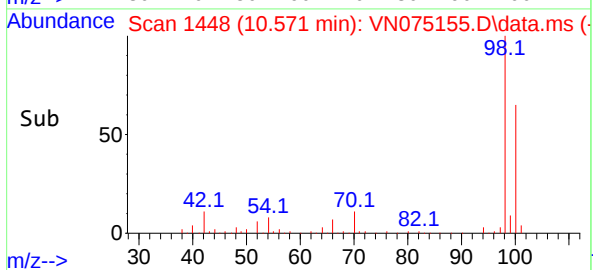
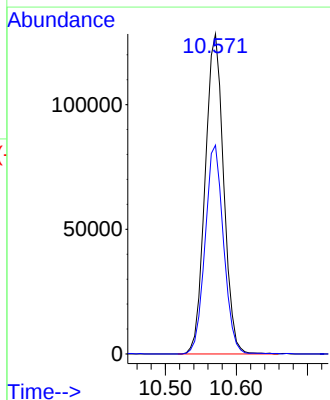
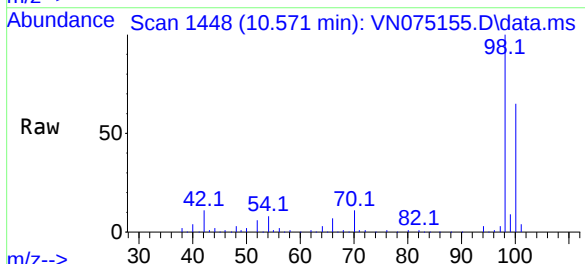
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

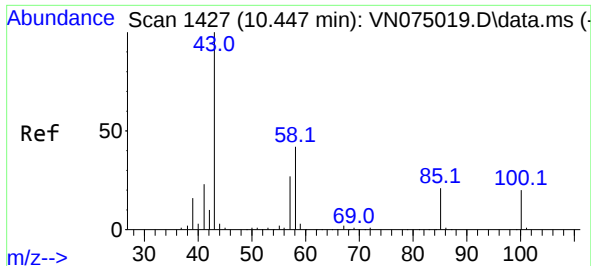
Tgt Ion: 41 Resp: 2361
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 58.0 56.2 84.2



#50
Toluene-d8
Concen: 54.229 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 98 Resp: 232300
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6

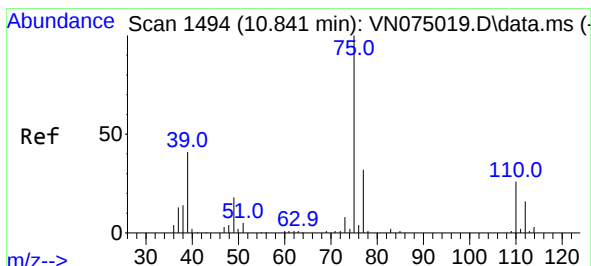
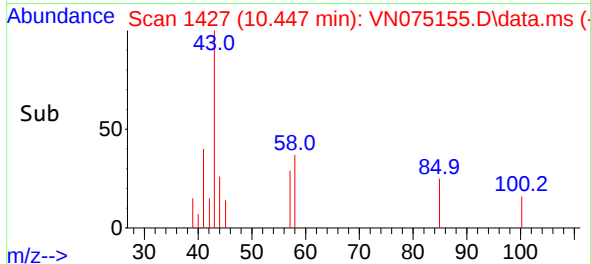
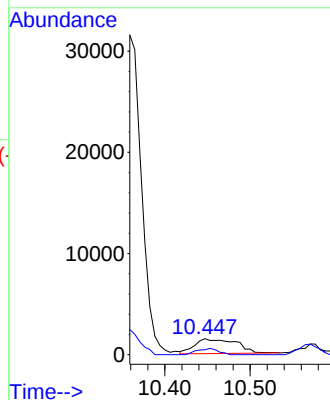
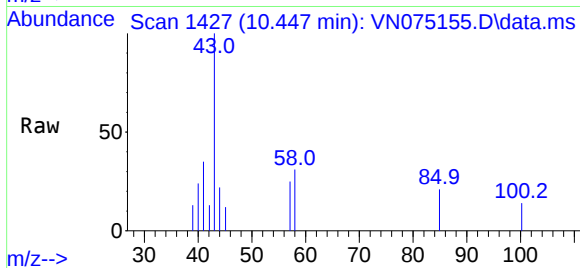




#51
4-Methyl-2-Pentanone
Concen: 2.669 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

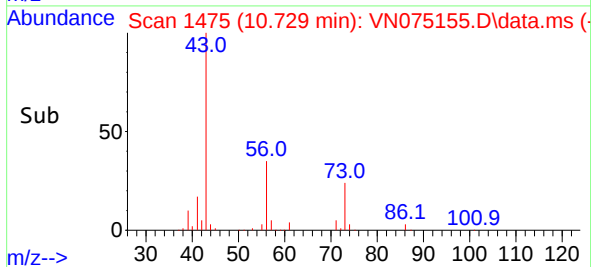
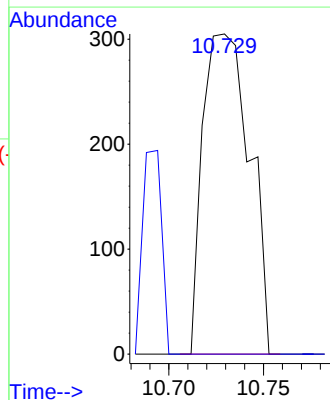
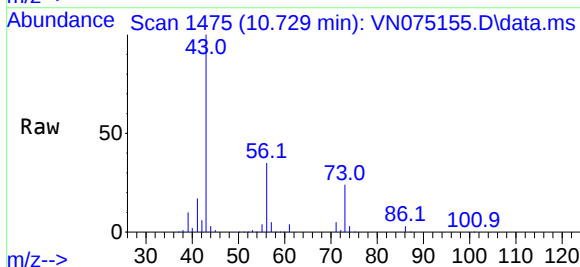
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

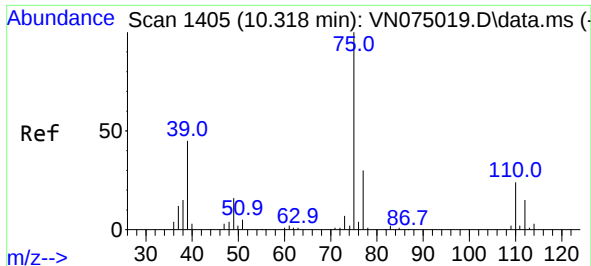
Tgt Ion: 43 Resp: 5009
Ion Ratio Lower Upper
43 100
58 21.2 33.6 50.4#



#53
t-1,3-Dichloropropene
Concen: 0.265 ug/l
RT: 10.729 min Scan# 1475
Delta R.T. -0.112 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 75 Resp: 526
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

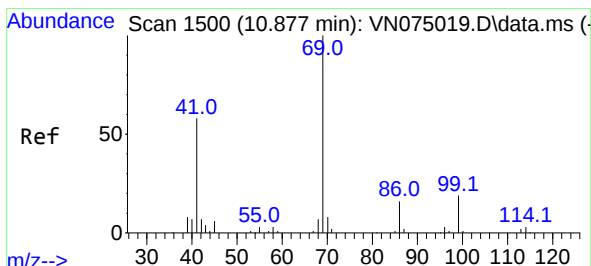
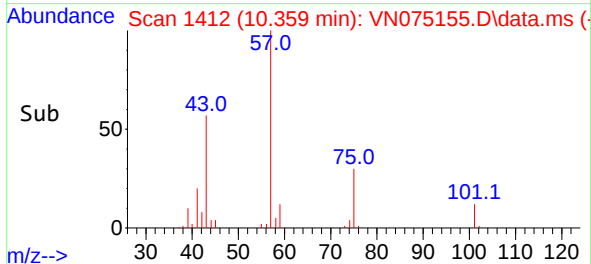
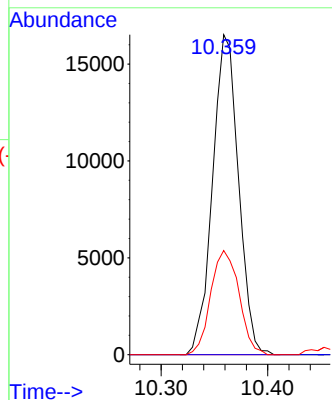
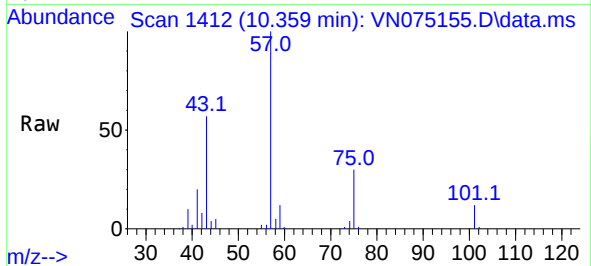




#54
cis-1,3-Dichloropropene
Concen: 13.296 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.041 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

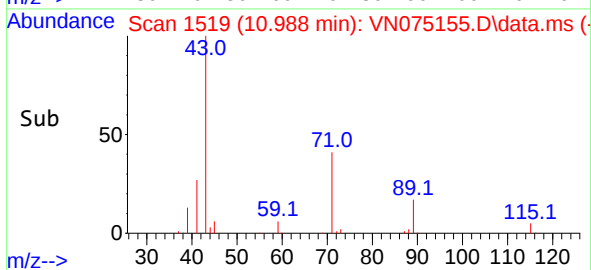
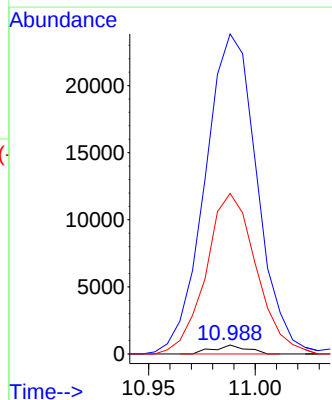
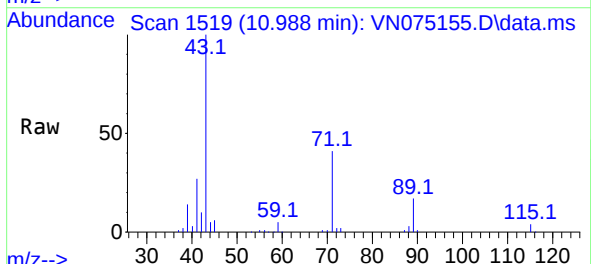
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

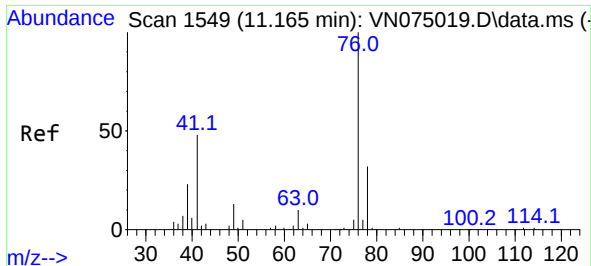
Tgt Ion: 75 Resp: 27972
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 32.6 35.8 53.6#



#56
Ethyl methacrylate
Concen: 0.342 ug/l
RT: 10.988 min Scan# 1519
Delta R.T. 0.111 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 69 Resp: 724
Ion Ratio Lower Upper
69 100
41 5651.7 45.6 68.4#
39 2708.4 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.676 ug/l

RT: 11.206 min Scan# 1556

Delta R.T. 0.041 min

Lab File: VN075155.D

Acq: 03 Nov 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

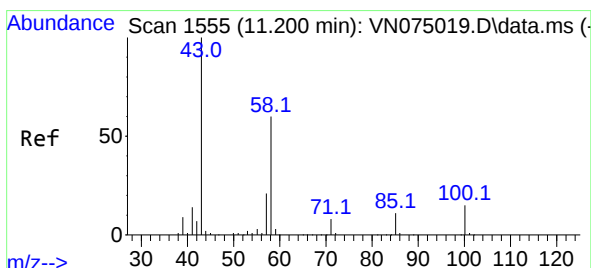
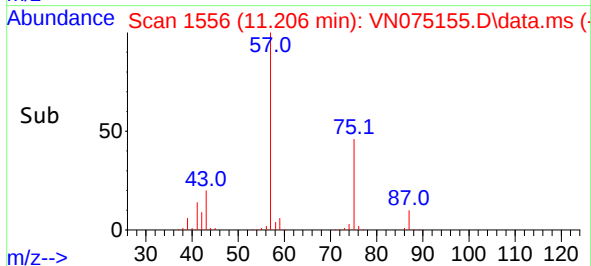
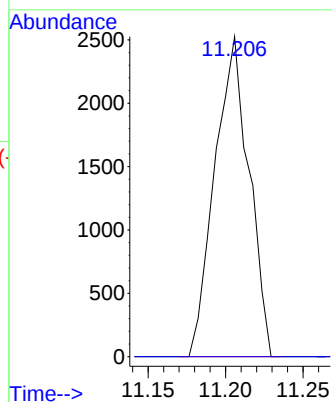
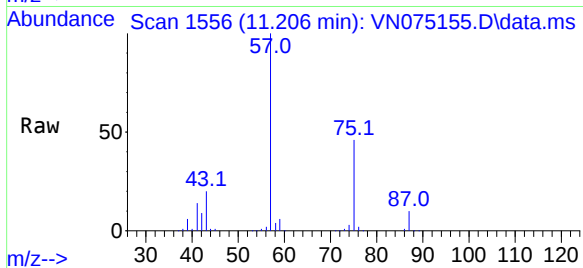
PB148771ZHE#07

Tgt Ion: 76 Resp: 3871

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 42.182 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. -0.029 min

Lab File: VN075155.D

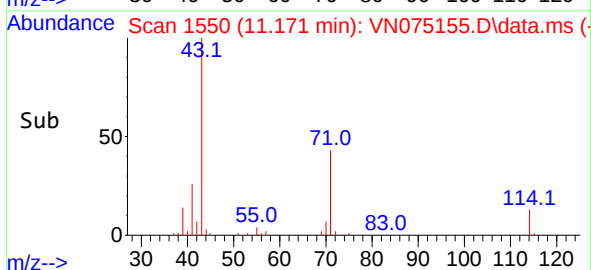
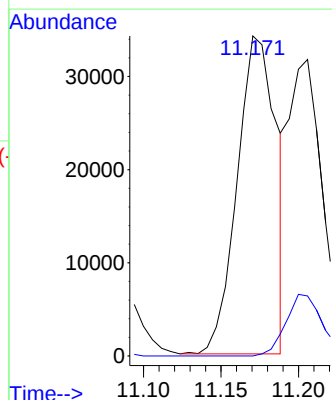
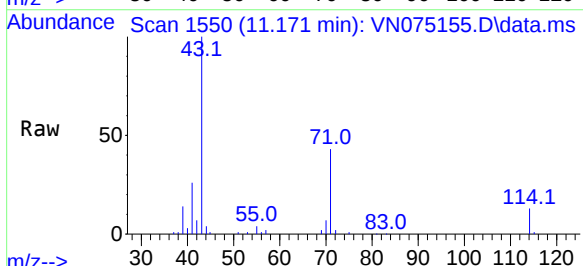
Acq: 03 Nov 2022 19:37

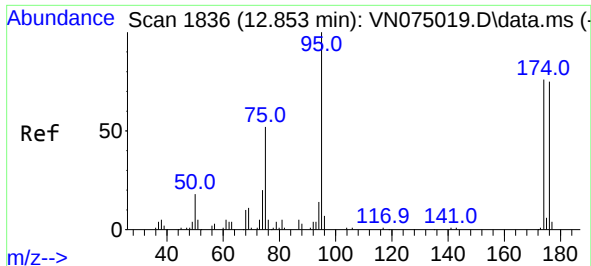
Tgt Ion: 43 Resp: 60073

Ion Ratio Lower Upper

43 100

58 0.0 29.6 88.8#

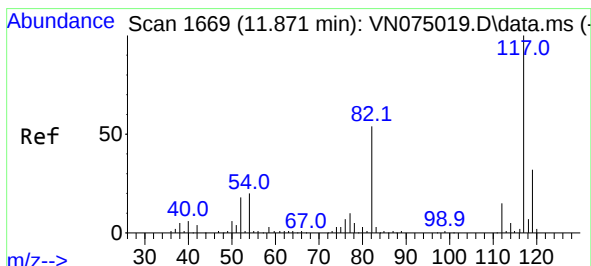
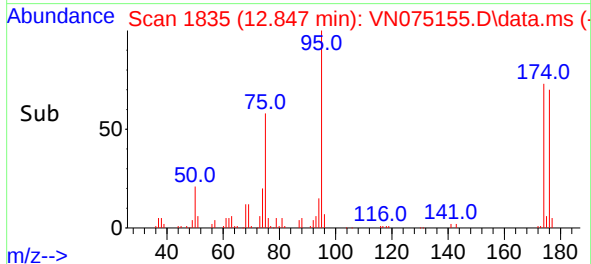
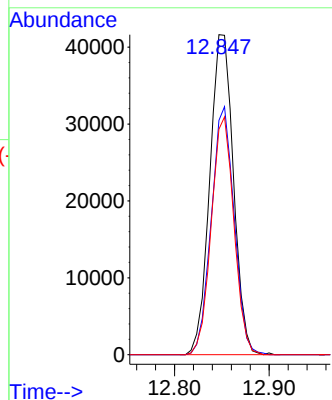
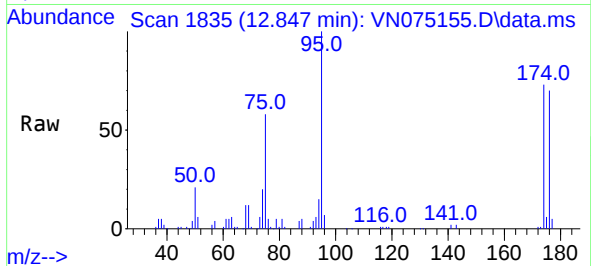




#62
4-Bromofluorobenzene
Concen: 47.997 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

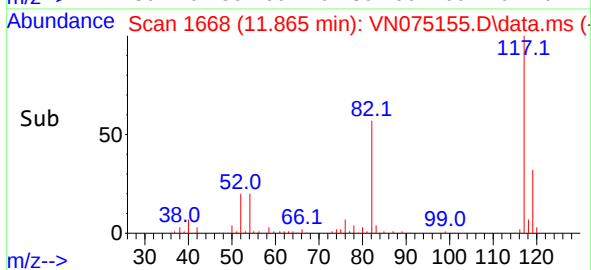
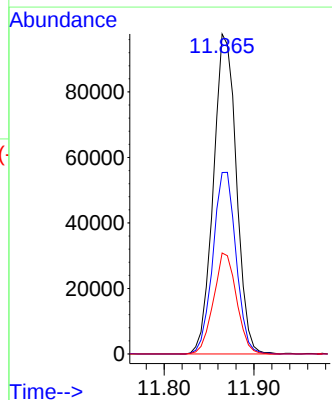
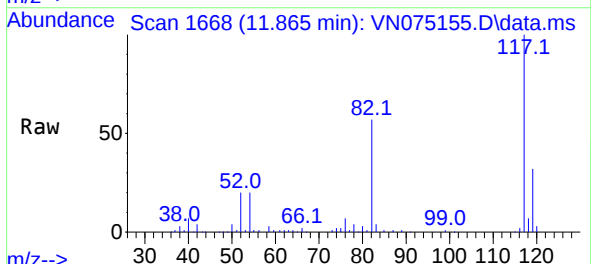
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

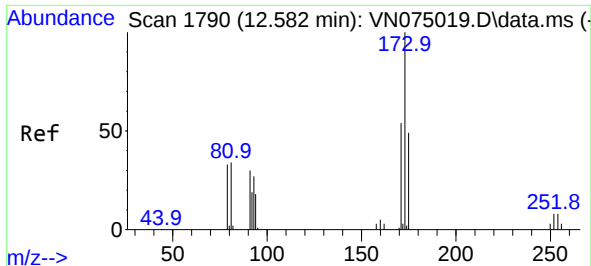
Tgt Ion: 95 Resp: 72224
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 71.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 117 Resp: 173468
Ion Ratio Lower Upper
117 100
82 56.7 43.1 64.7
119 31.6 25.5 38.3

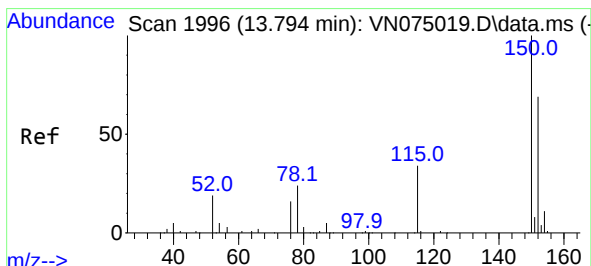
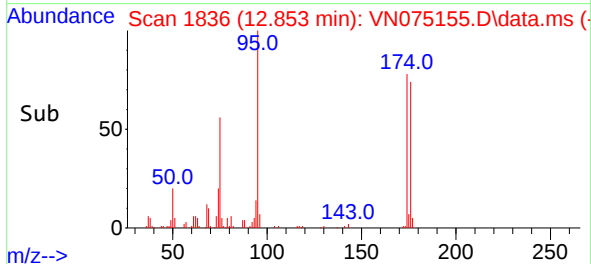
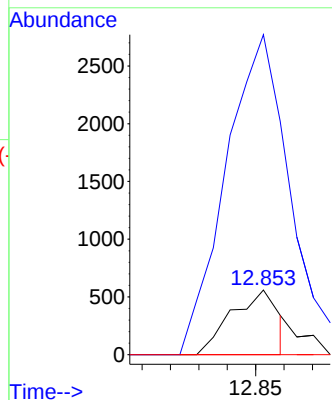
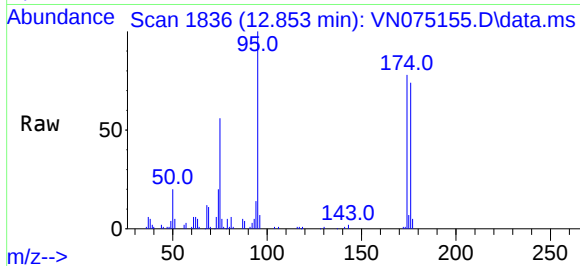




#71
Bromoform
Concen: 0.629 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

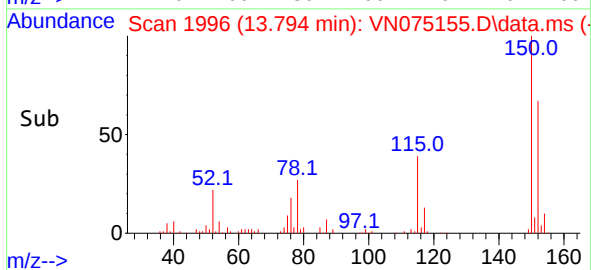
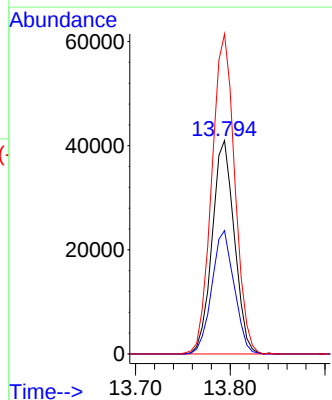
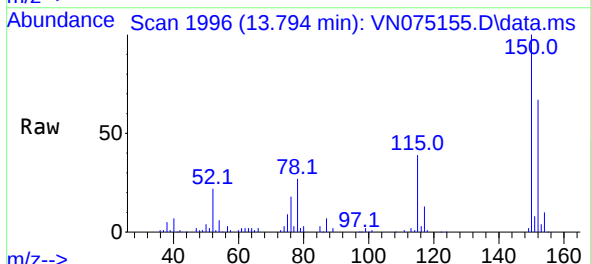
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

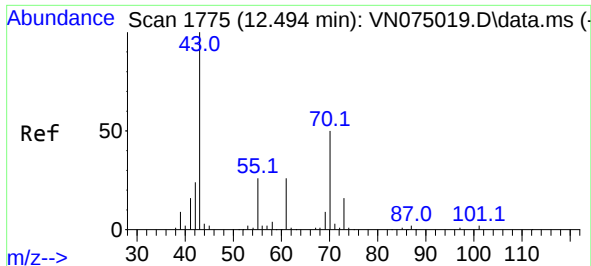
Tgt Ion:173 Resp: 647
Ion Ratio Lower Upper
173 100
175 570.3 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion:152 Resp: 66821
Ion Ratio Lower Upper
152 100
115 58.3 30.2 90.6
150 155.3 0.0 348.4



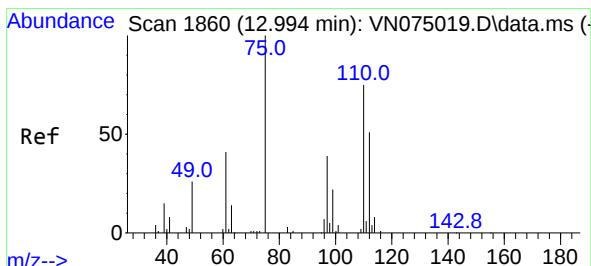
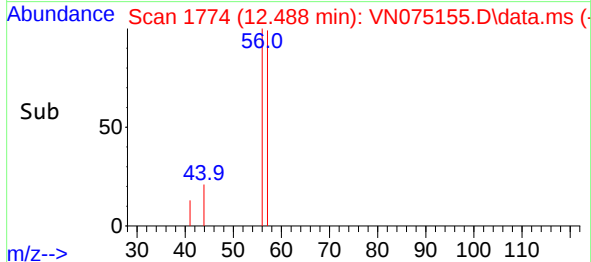
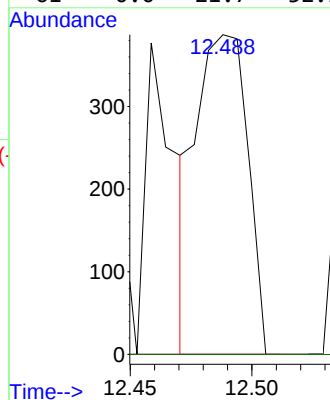
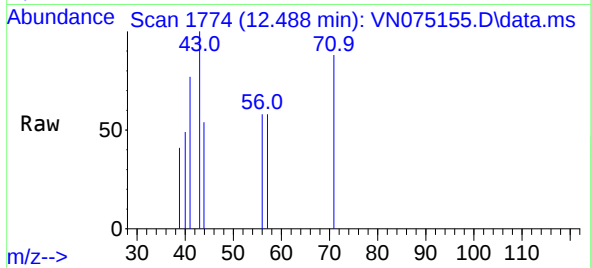


#74
N-amy1 acetate
Concen: 0.284 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

Tgt Ion: 43 Resp: 564

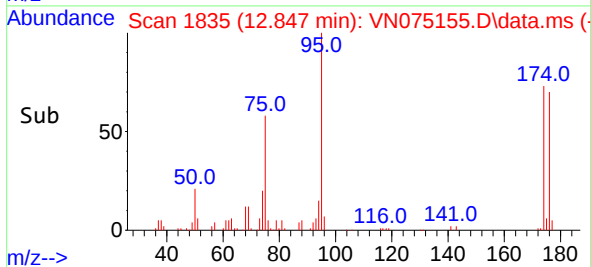
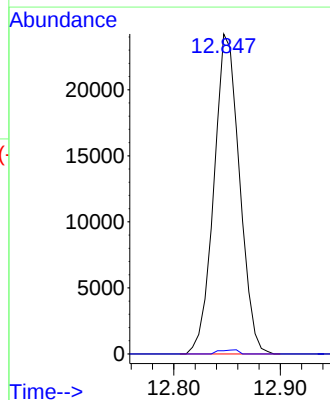
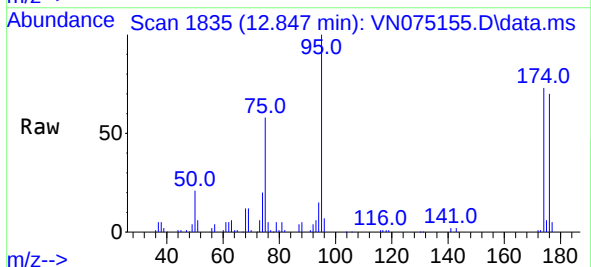
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.8	59.8#
55	0.0	19.9	29.9#
61	0.0	21.7	32.5#

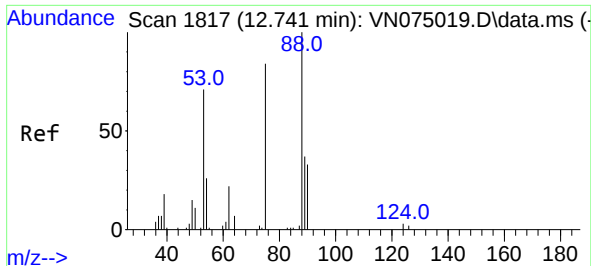


#76
1,2,3-Trichloropropane
Concen: 28.448 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Tgt Ion: 75 Resp: 40362

Ion	Ratio	Lower	Upper
75	100		
77	0.9	75.6	226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.026 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN075155.D
Acq: 03 Nov 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#07

Tgt Ion: 75 Resp: 40362
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

