

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075154.D
 Acq On : 03 Nov 2022 19:13
 Operator : JC\MD
 Sample : PB148771ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148771ZHE#06

Quant Time: Nov 04 04:12:08 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)

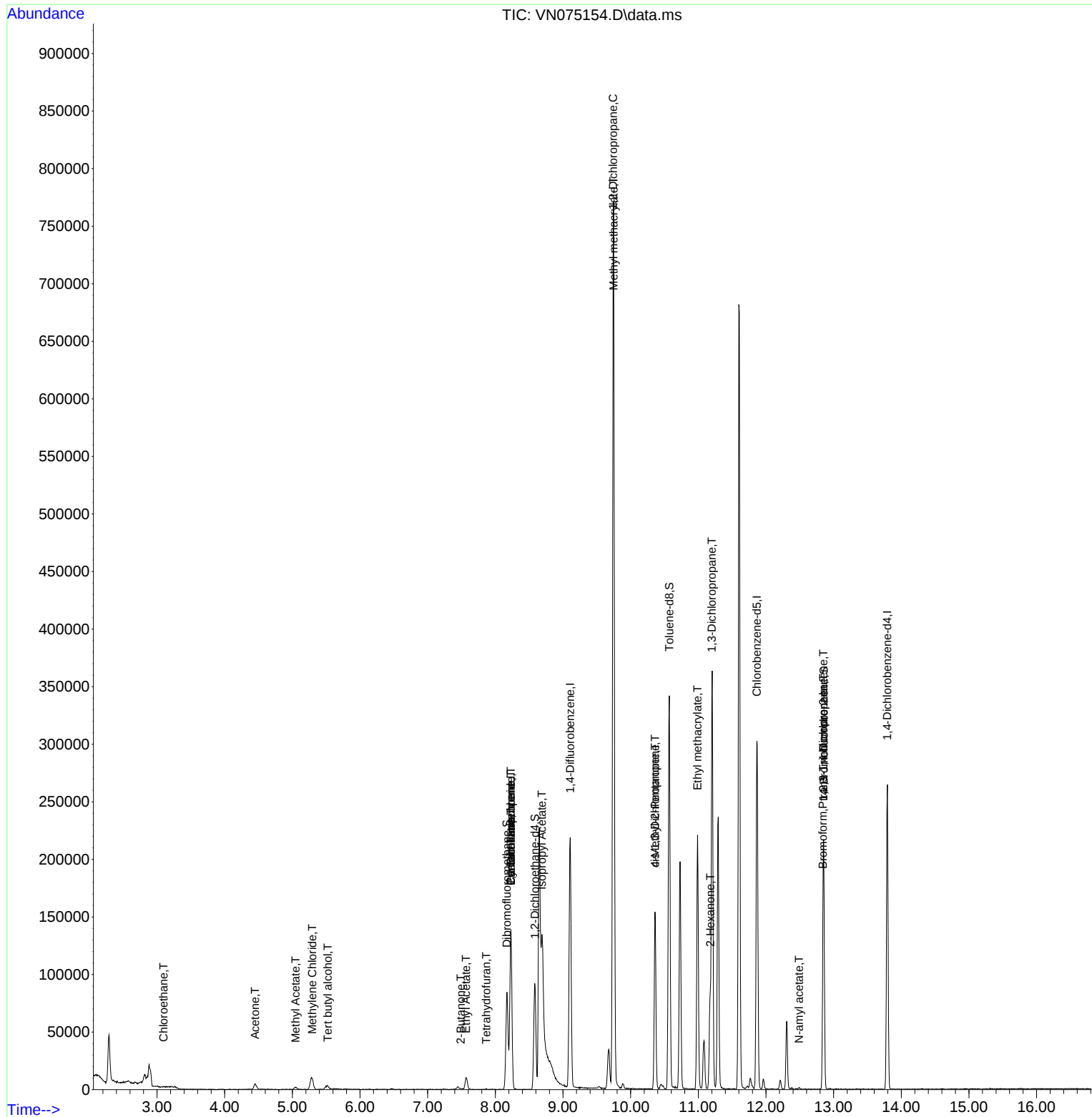
Internal Standards						
1) Pentafluorobenzene	8.230	168	94345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	177014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76656	60.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.600%	
35) Dibromofluoromethane	8.171	113	59338	53.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.580%	
50) Toluene-d8	10.571	98	235589	54.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.853	95	74567	49.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	242	Below Cal	#	64
6) Chloroethane	3.095	64	367	0.275	ug/l #	45
11) Tert butyl alcohol	5.524	59	3215	10.845	ug/l #	72
16) Acetone	4.447	43	8994	16.710	ug/l	90
18) Methyl Acetate	5.047	43	4228	2.405	ug/l #	81
20) Methylene Chloride	5.294	84	9072	7.559	ug/l #	76
25) 2-Butanone	7.488	43	1341	1.584	ug/l #	43
29) Tetrahydrofuran	7.865	42	145	0.265	ug/l #	26
31) Cyclohexane	8.230	56	2247	1.189	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	8913	5.170	ug/l #	47
37) Ethyl Acetate	7.565	43	15501	8.199	ug/l	99
38) Carbon Tetrachloride	8.230	117	10485	5.529	ug/l #	18
43) Isopropyl Acetate	8.688	43	191897	65.433	ug/l #	71
45) 1,2-Dichloropropane	9.741	63	907	0.722	ug/l #	42
48) Methyl methacrylate	9.747	41	68812	51.151	ug/l #	35
51) 4-Methyl-2-Pentanone	10.359	43	55496	29.324	ug/l #	44
54) cis-1,3-Dichloropropene	10.359	75	28238	13.308	ug/l #	67
56) Ethyl methacrylate	10.988	69	665	0.312	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4270	1.833	ug/l #	42
59) 2-Hexanone	11.176	43	58788	40.929	ug/l #	21
71) Bromoform	12.841	173	671	0.639	ug/l #	1
74) N-amyl acetate	12.488	43	601	0.300	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	41230	28.779	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41230	73.876	ug/l #	10

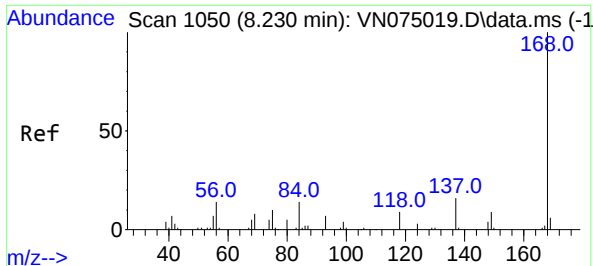
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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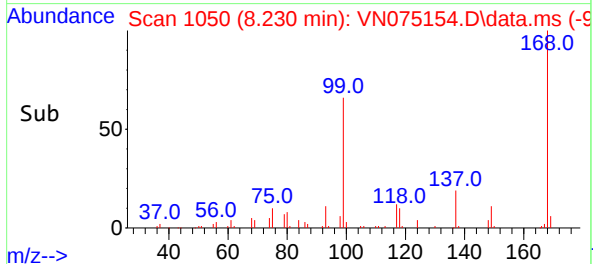
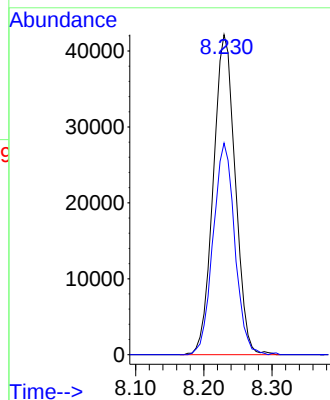
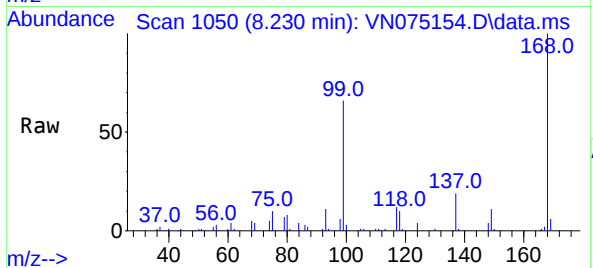




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

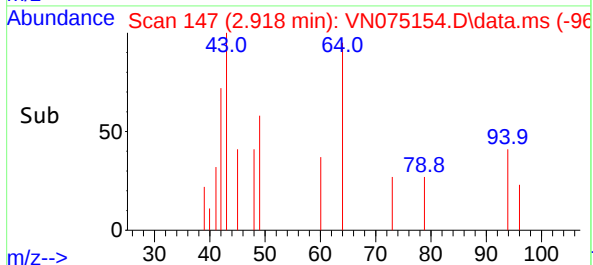
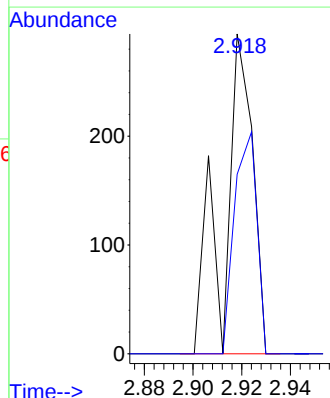
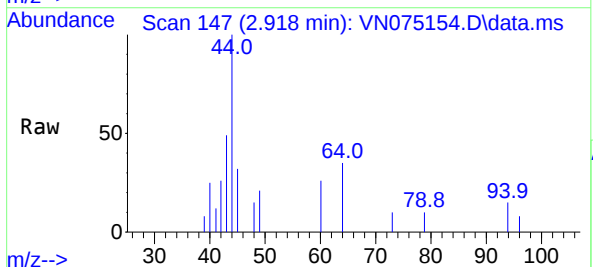
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

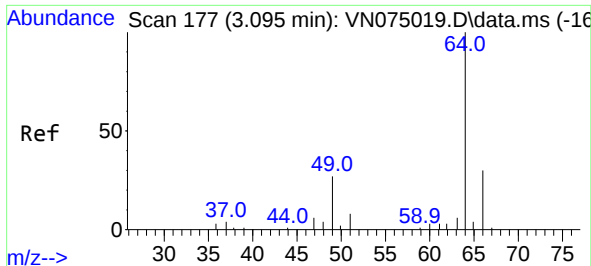
Tgt Ion:168 Resp: 94345
Ion Ratio Lower Upper
168 100
99 66.1 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 56.1 71.8 107.6#

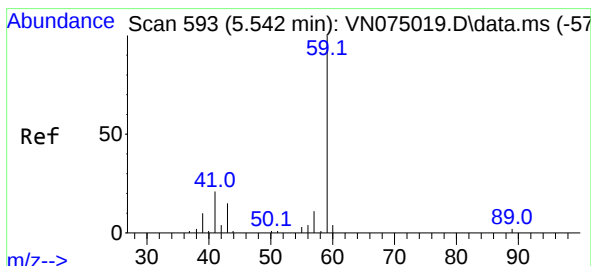
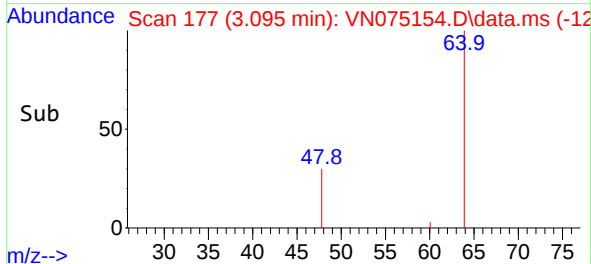
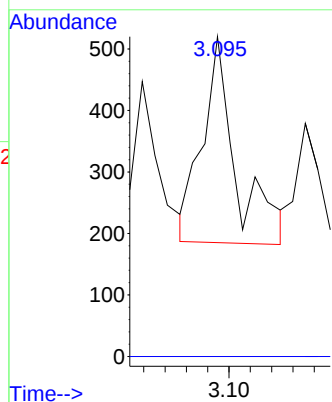
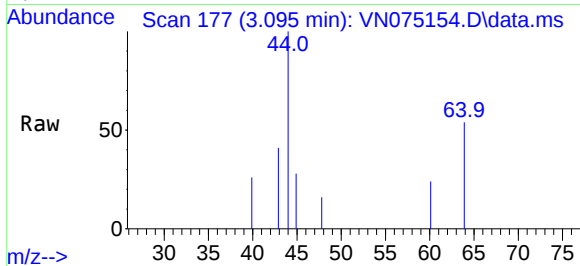




#6
Chloroethane
Concen: 0.275 ug/l
RT: 3.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

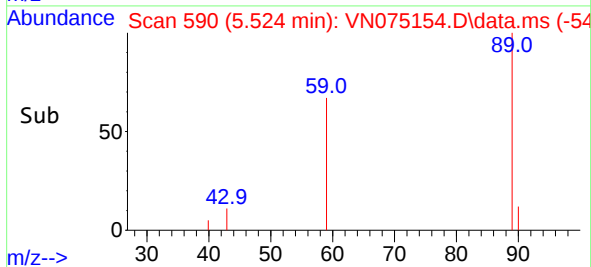
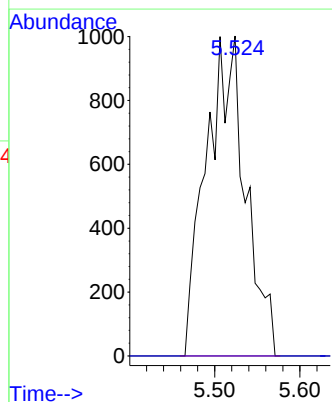
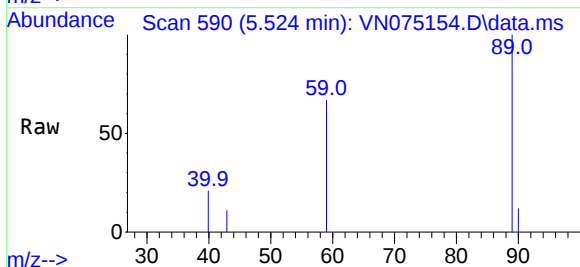
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

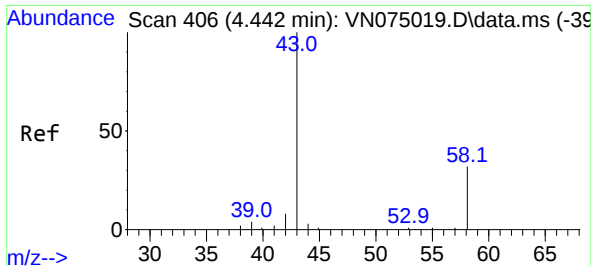
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 10.845 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.018 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 59 Resp: 3215
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

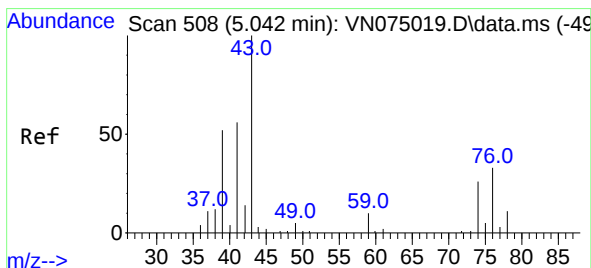
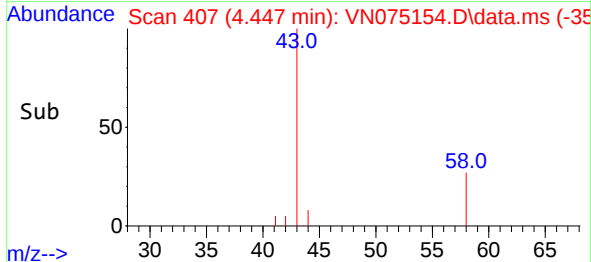
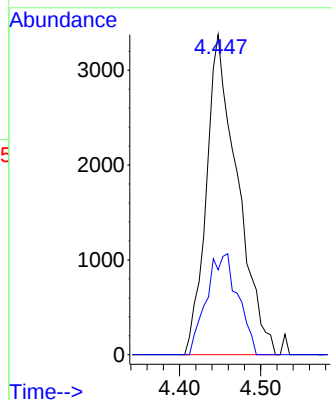
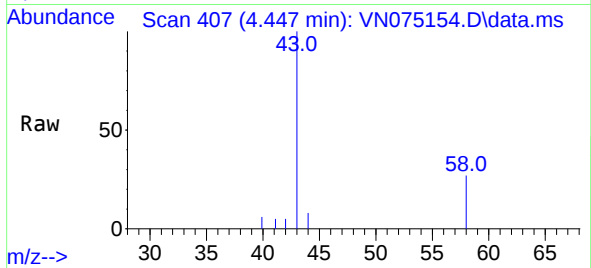




#16
Acetone
Concen: 16.710 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

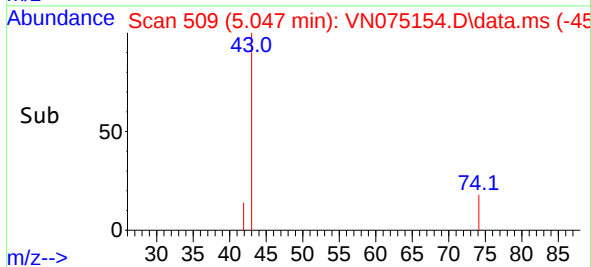
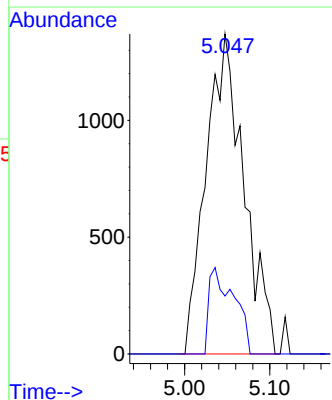
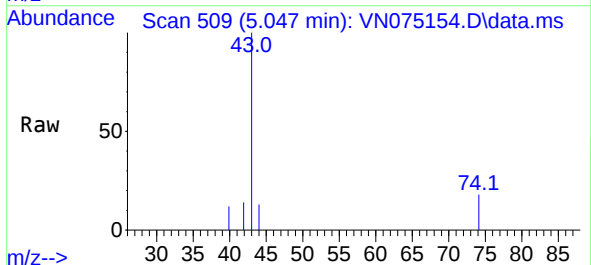
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

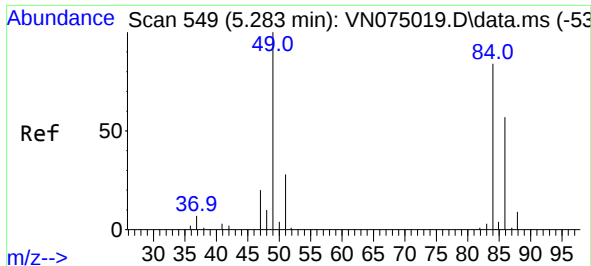
Tgt Ion: 43 Resp: 8994
Ion Ratio Lower Upper
43 100
58 26.5 25.5 38.3



#18
Methyl Acetate
Concen: 2.405 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 43 Resp: 4228
Ion Ratio Lower Upper
43 100
74 17.7 22.0 33.0#



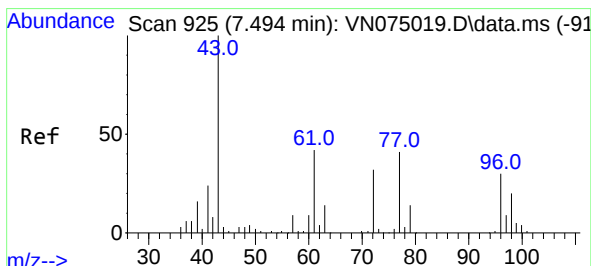
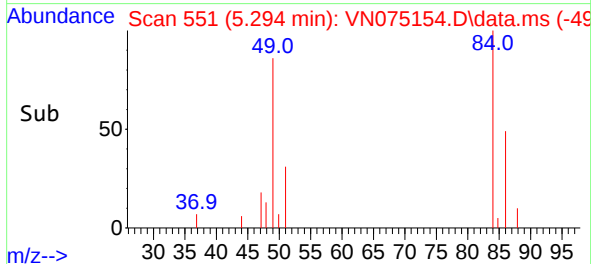
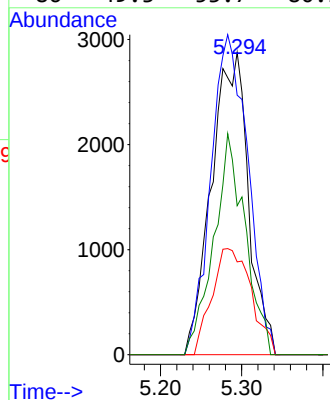
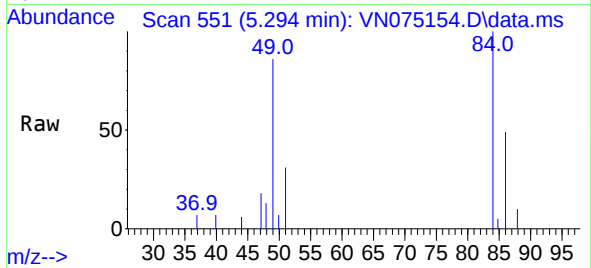


#20
Methylene Chloride
Concen: 7.559 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

Tgt Ion: 84 Resp: 9072

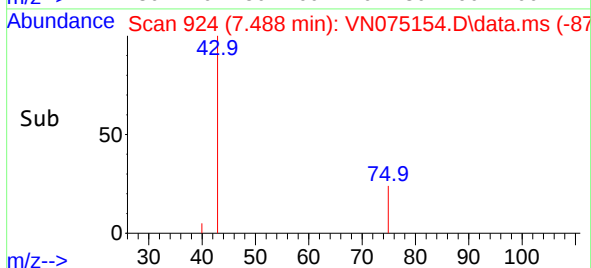
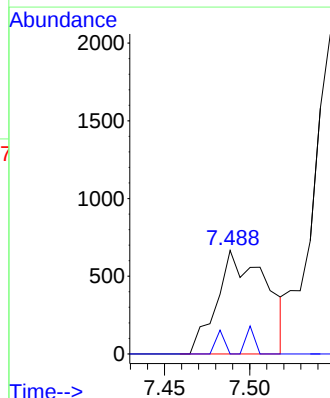
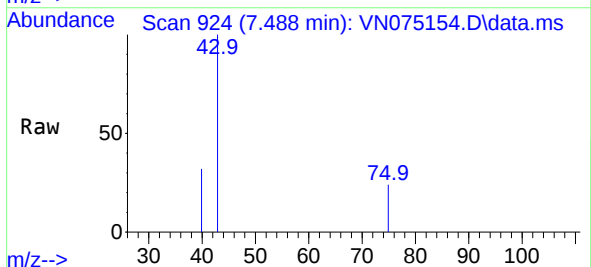
Ion	Ratio	Lower	Upper
84	100		
49	85.9	94.9	142.3#
51	30.7	26.8	40.2
86	49.3	53.7	80.5#

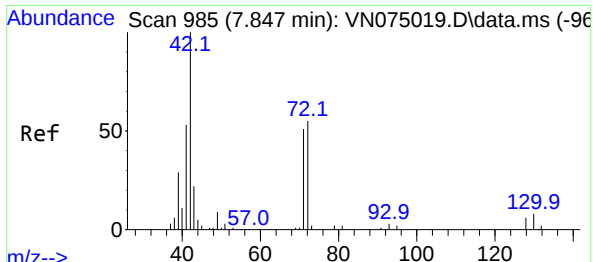


#25
2-Butanone
Concen: 1.584 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 43 Resp: 1341

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#

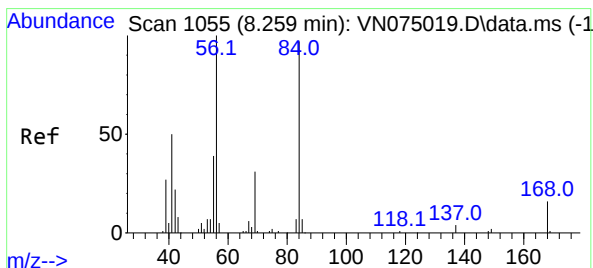
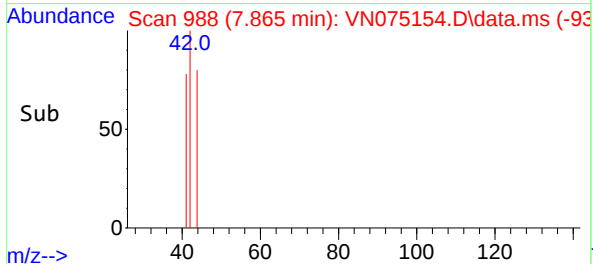
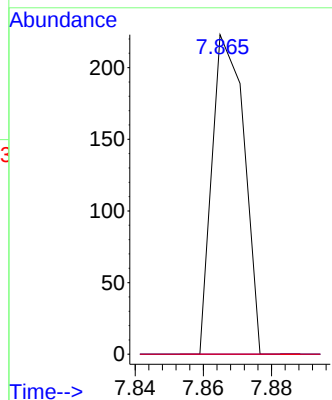
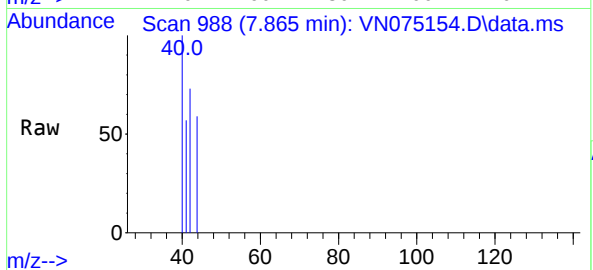




#29
Tetrahydrofuran
Concen: 0.265 ug/l
RT: 7.865 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

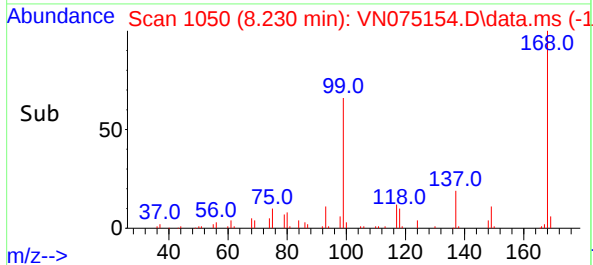
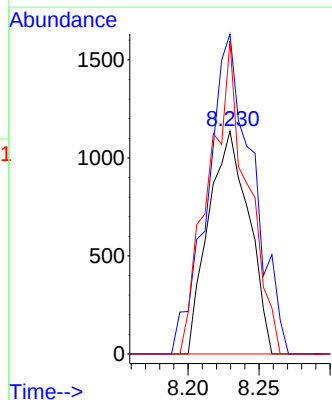
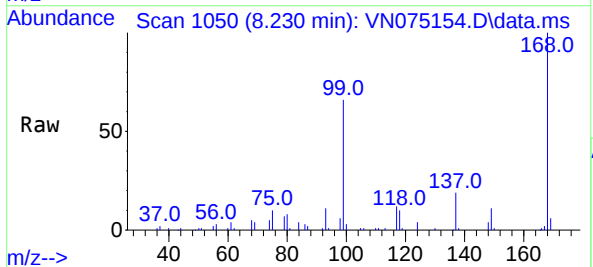
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

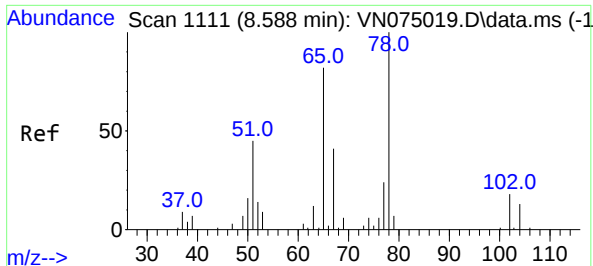
Tgt Ion: 42 Resp: 145
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 0.0 39.9 59.9#



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 56 Resp: 2247
Ion Ratio Lower Upper
56 100
69 128.3 25.2 37.8#
84 140.4 77.8 116.8#

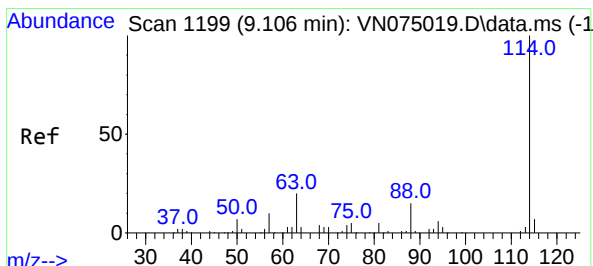
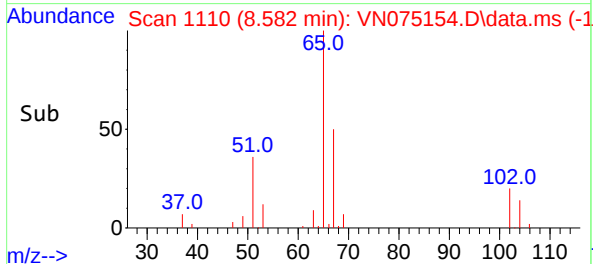
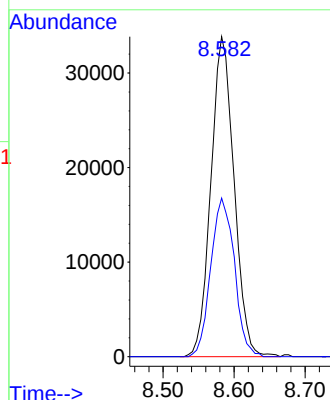
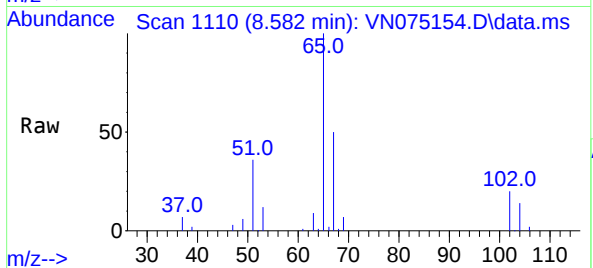




#33
1,2-Dichloroethane-d4
Concen: 60.303 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

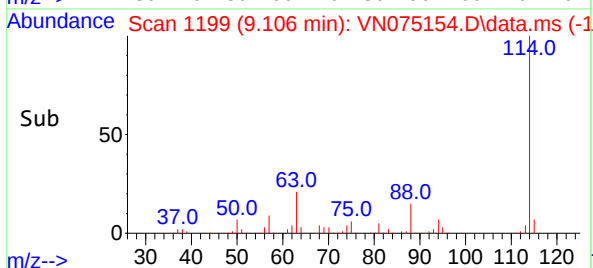
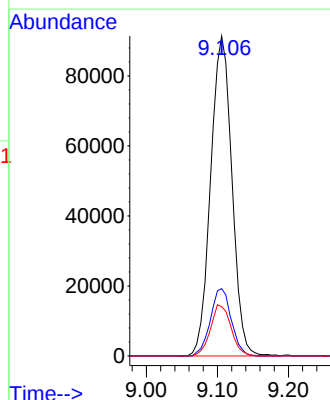
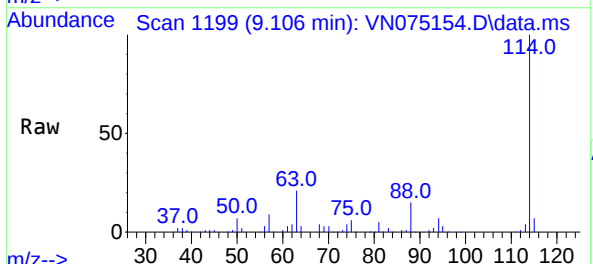
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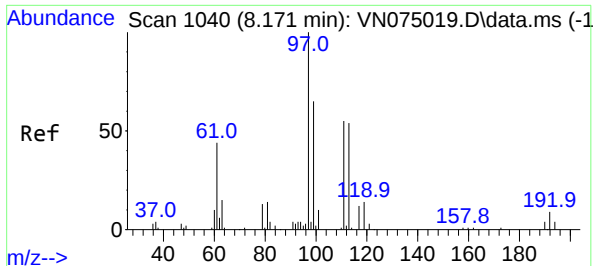
Tgt Ion: 65 Resp: 76656
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

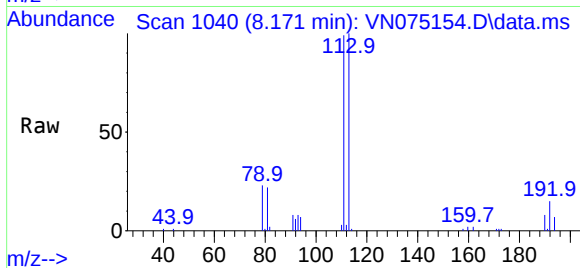
Tgt Ion: 114 Resp: 189691
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.6
88 15.4 0.0 29.0



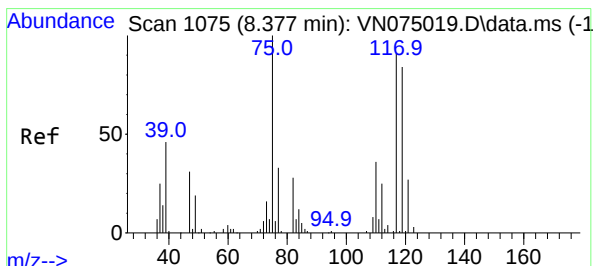
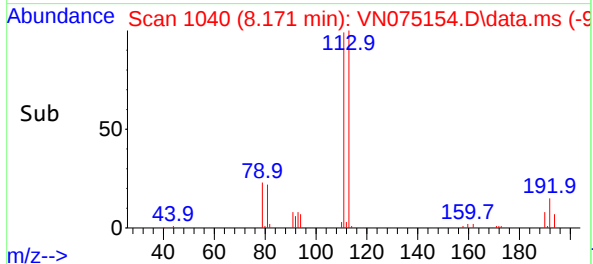
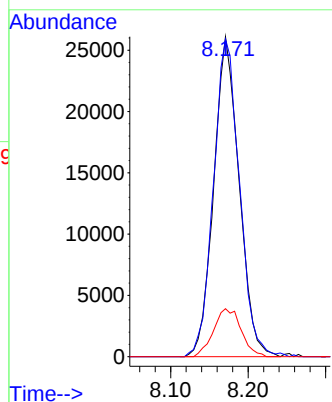


#35
Dibromofluoromethane
Concen: 53.286 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

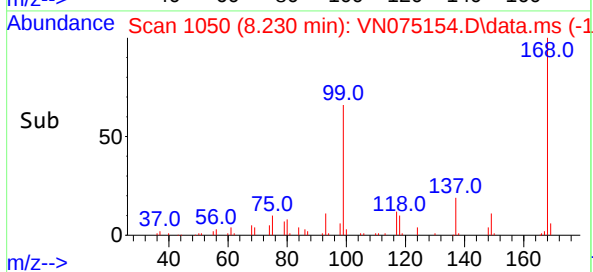
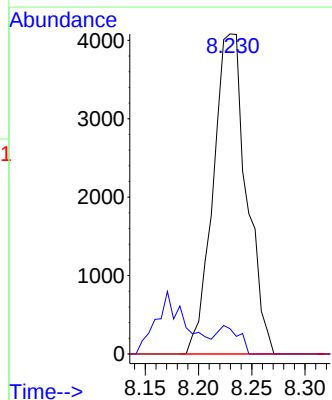
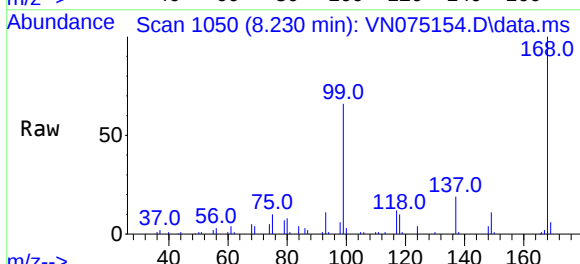


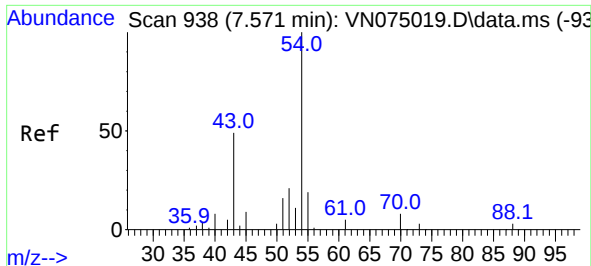
Tgt Ion:113 Resp: 59338
Ion Ratio Lower Upper
113 100
111 102.1 80.5 120.7
192 16.3 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 75 Resp: 8913
Ion Ratio Lower Upper
75 100
110 5.7 17.8 53.3#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 8.199 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075154.D

Acq: 03 Nov 2022 19:13

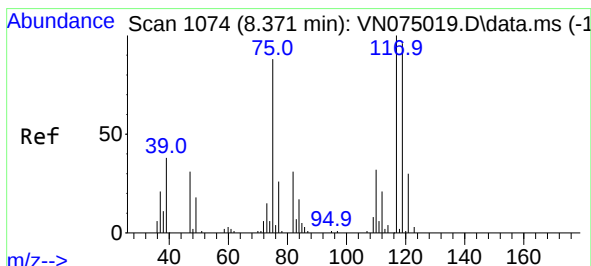
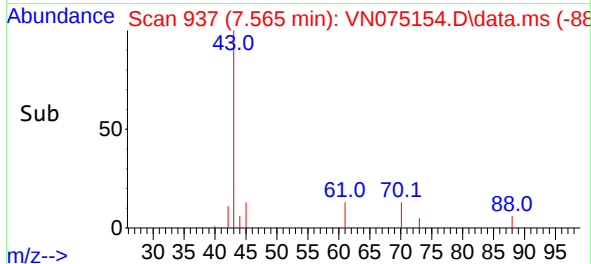
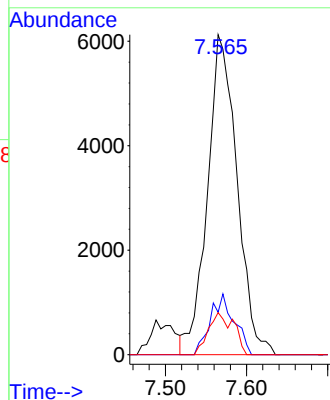
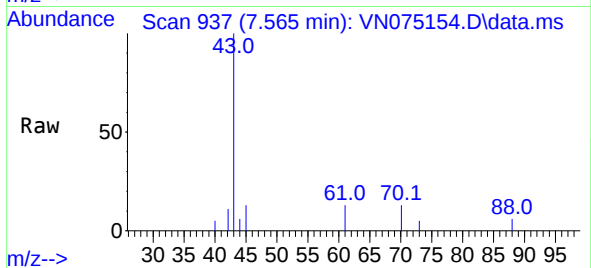
Instrument :

MSVOA_N

ClientSampleId :

PB148771ZHE#06

Tgt Ion:	43	Resp:	15501
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	11.2	9.4	14.2



#38

Carbon Tetrachloride

Concen: 5.529 ug/l

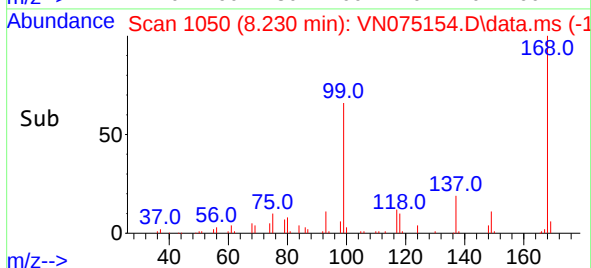
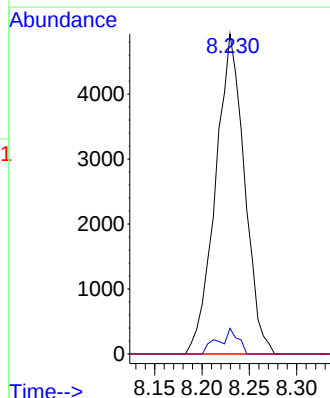
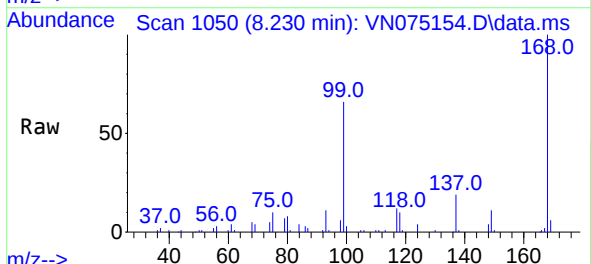
RT: 8.230 min Scan# 1050

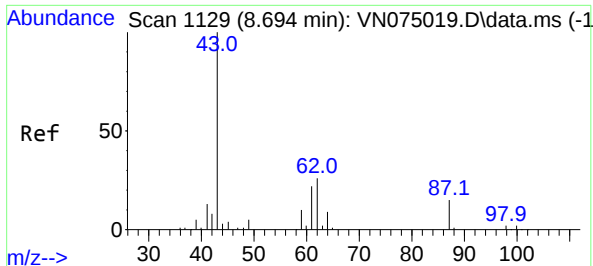
Delta R.T. -0.141 min

Lab File: VN075154.D

Acq: 03 Nov 2022 19:13

Tgt Ion:	117	Resp:	10485
Ion	Ratio	Lower	Upper
117	100		
119	8.0	76.7	115.1#
121	0.0	23.9	35.9#

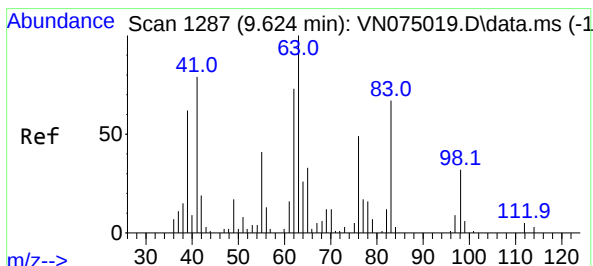
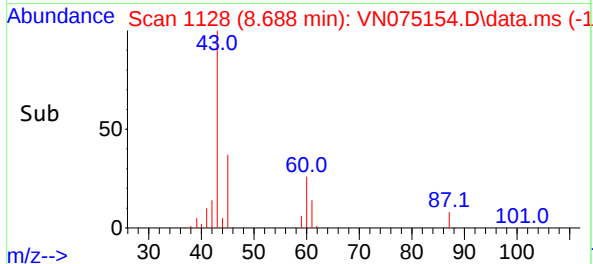
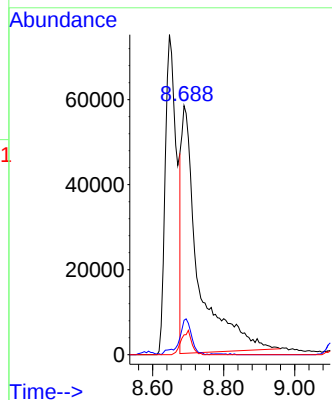
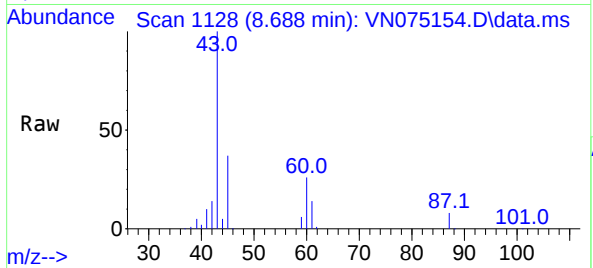




#43
Isopropyl Acetate
Concen: 65.433 ug/l
RT: 8.688 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

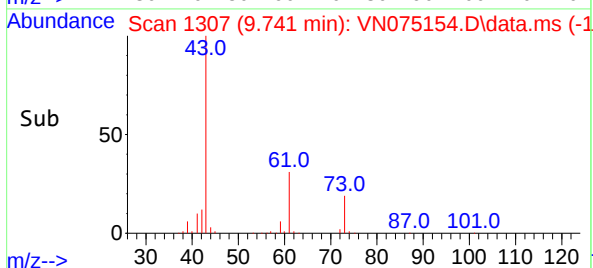
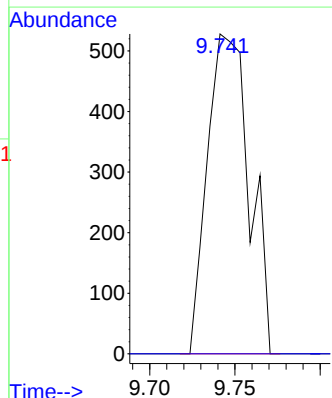
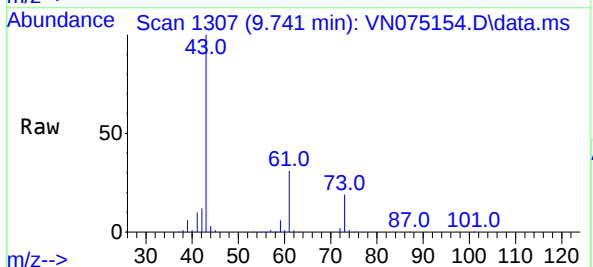
Instrument : MSVOA_N
ClientSampleId : PB148771ZHE#06

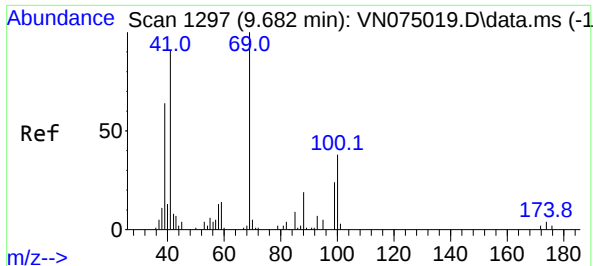
Tgt Ion: 43 Resp: 191897
Ion Ratio Lower Upper
43 100
61 10.6 22.4 33.6#
87 6.0 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.722 ug/l
RT: 9.741 min Scan# 1307
Delta R.T. 0.117 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 63 Resp: 907
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

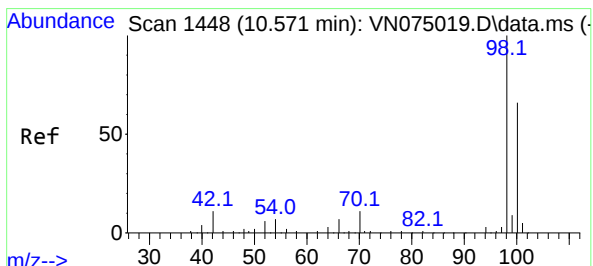
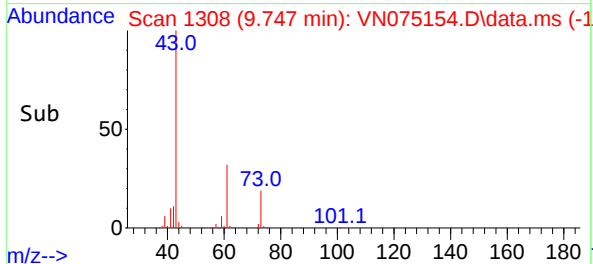
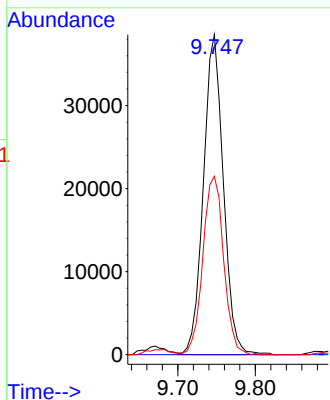
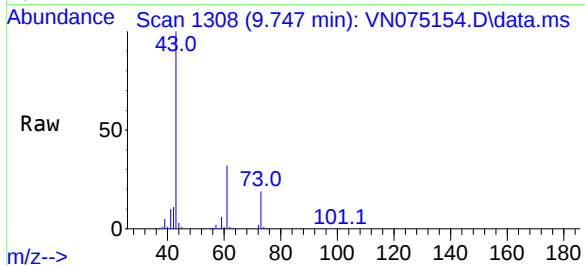




#48
Methyl methacrylate
Concen: 51.151 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

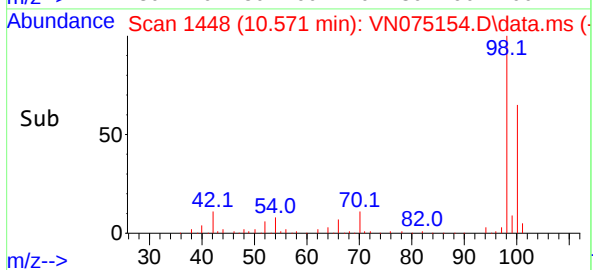
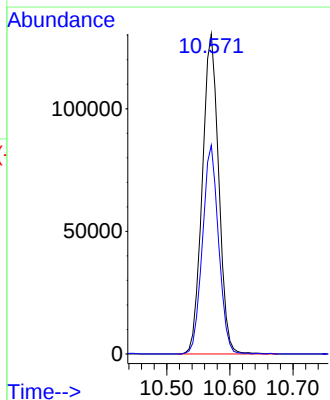
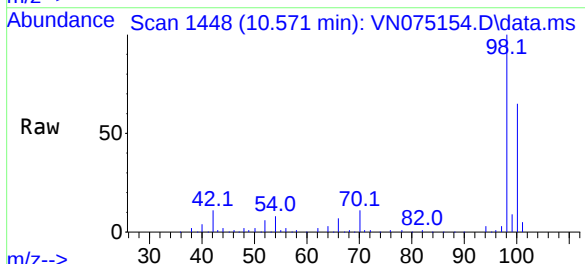
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

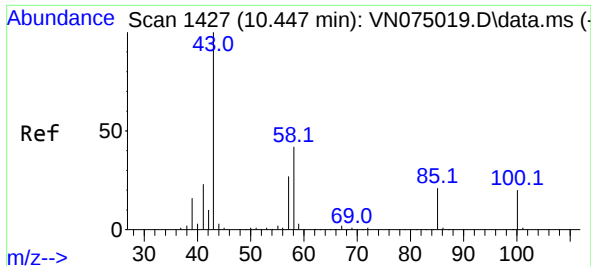
Tgt Ion: 41 Resp: 68812
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 58.2 56.2 84.2



#50
Toluene-d8
Concen: 54.529 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 98 Resp: 235589
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.6

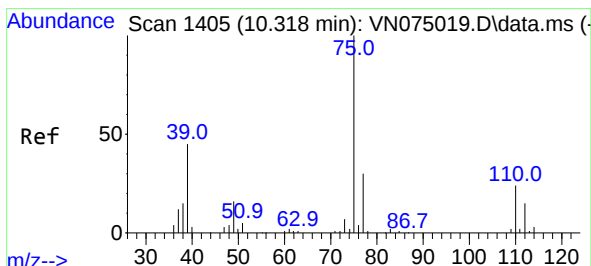
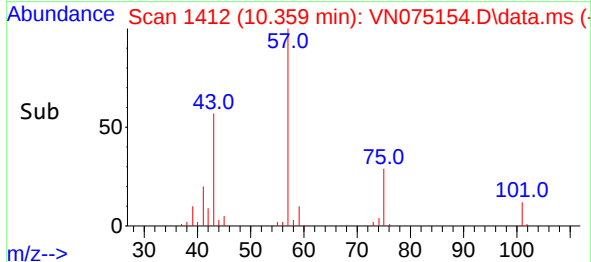
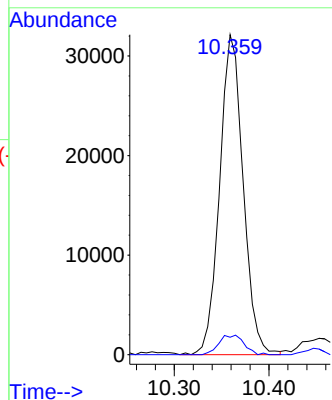
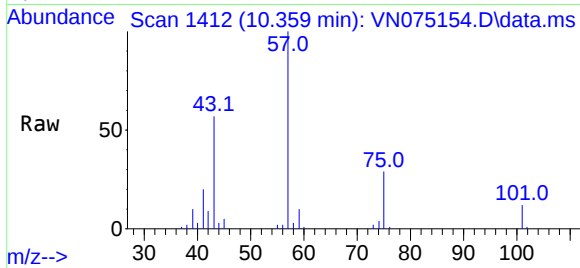




#51
4-Methyl-2-Pentanone
Concen: 29.324 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. -0.088 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

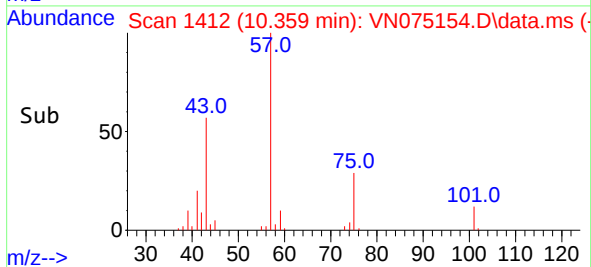
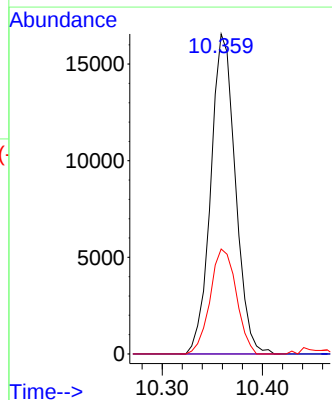
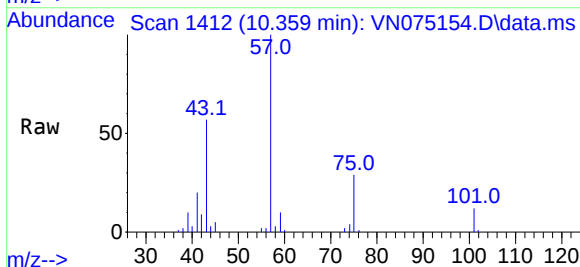
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

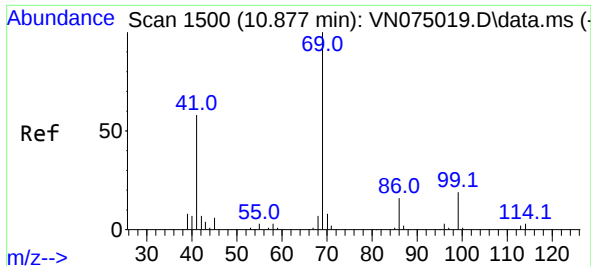
Tgt Ion: 43 Resp: 55496
Ion Ratio Lower Upper
43 100
58 6.5 33.6 50.4#



#54
cis-1,3-Dichloropropene
Concen: 13.308 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.041 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 75 Resp: 28238
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 32.8 35.8 53.6#

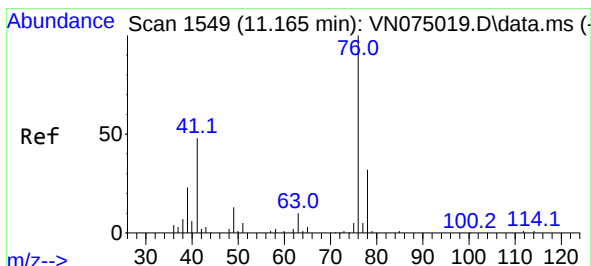
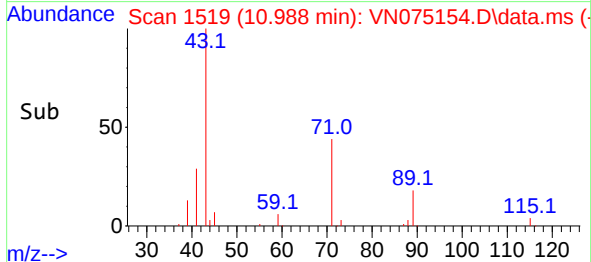
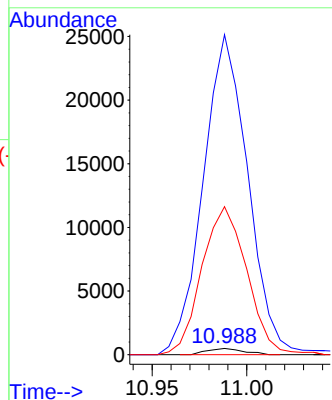
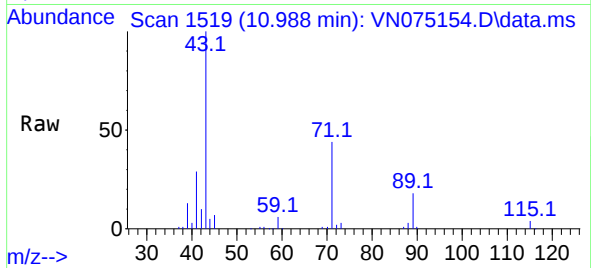




#56
Ethyl methacrylate
Concen: 0.312 ug/l
RT: 10.988 min Scan# 1519
Delta R.T. 0.111 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

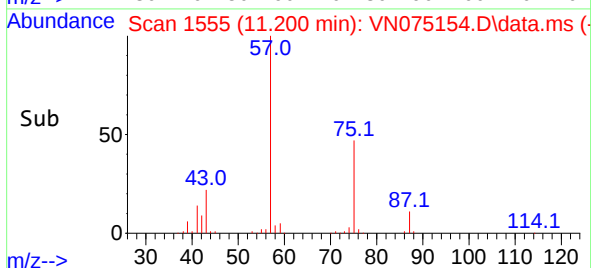
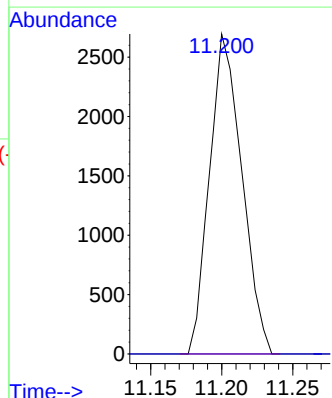
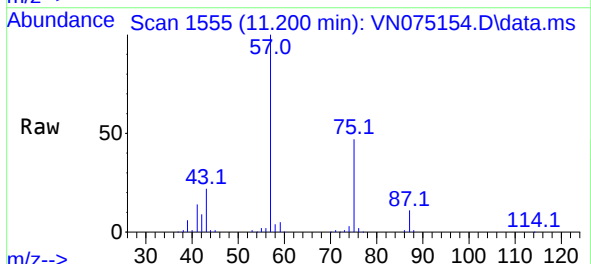
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

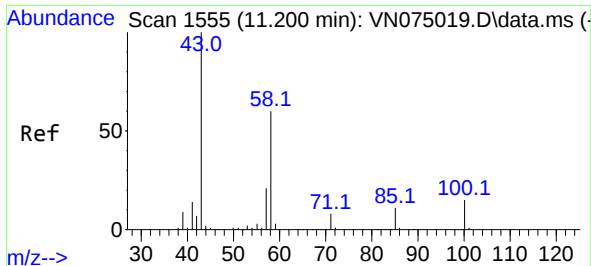
Tgt Ion: 69 Resp: 665
Ion Ratio Lower Upper
69 100
41 6257.4 45.6 68.4#
39 2898.9 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.833 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.035 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 76 Resp: 4270
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

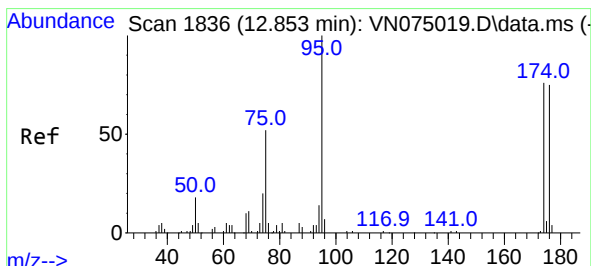
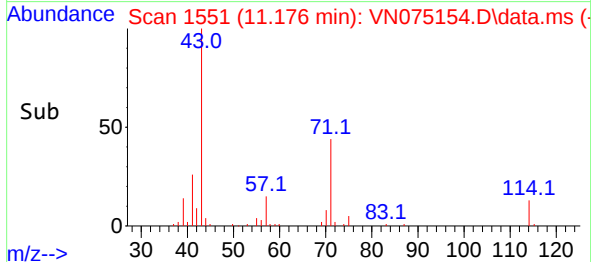
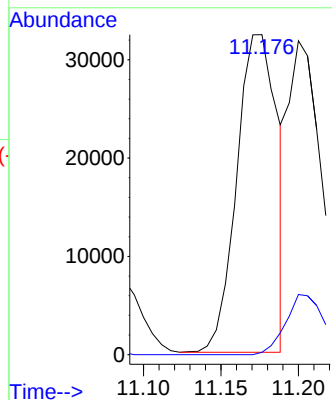
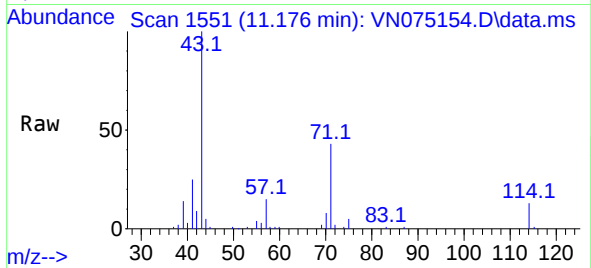




#59
2-Hexanone
Concen: 40.929 ug/l
RT: 11.176 min Scan# 1151
Delta R.T. -0.024 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

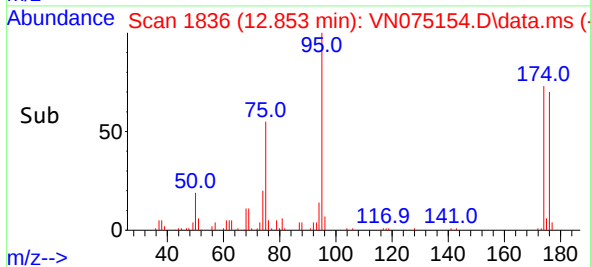
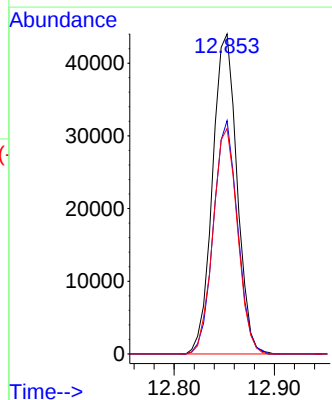
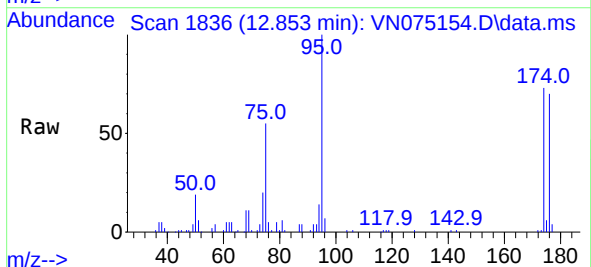
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

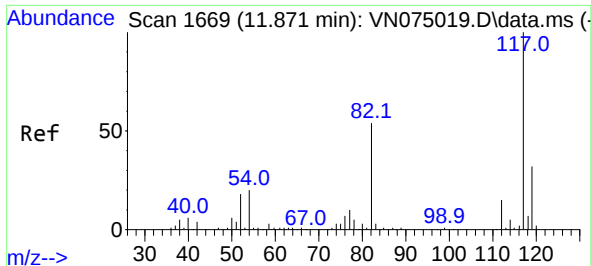
Tgt Ion: 43 Resp: 58788
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 49.132 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 95 Resp: 74567
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 70.5 0.0 142.2

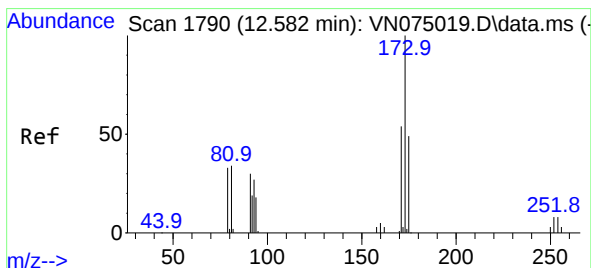
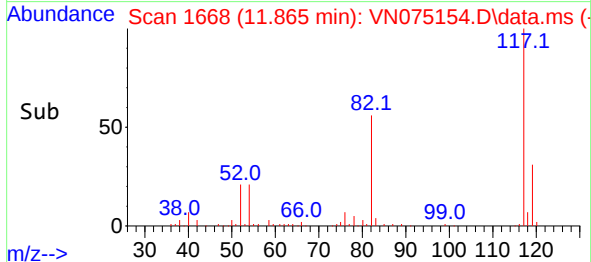
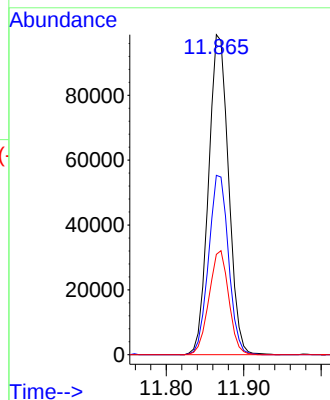
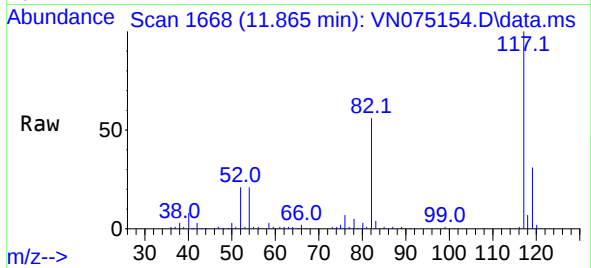




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

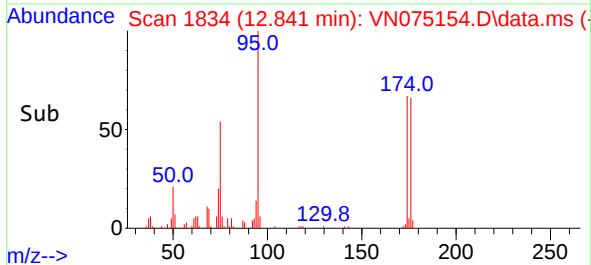
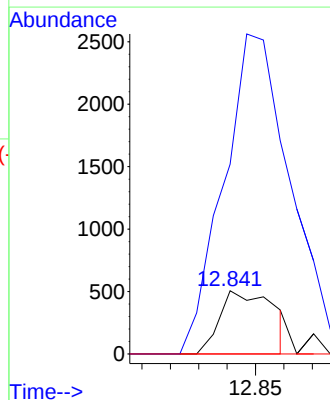
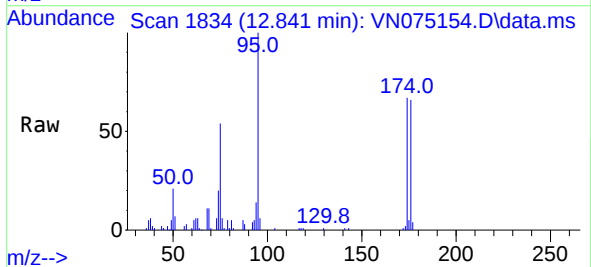
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

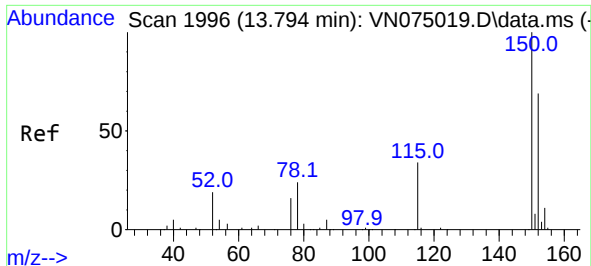
Tgt Ion:117 Resp: 177014
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 31.4 25.5 38.3



#71
Bromoform
Concen: 0.639 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion:173 Resp: 671
Ion Ratio Lower Upper
173 100
175 512.4 24.6 74.0#
254 0.0 0.0 0.0

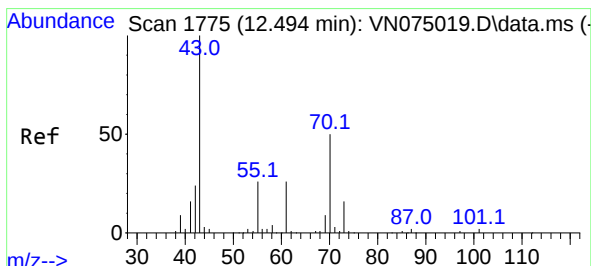
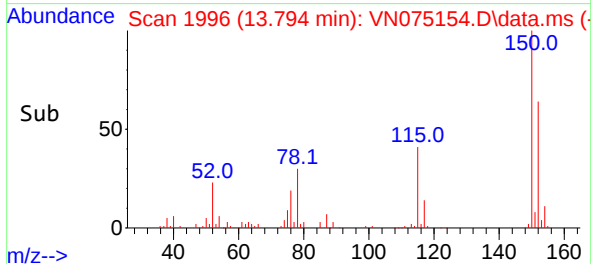
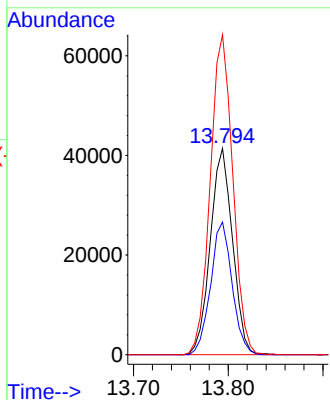
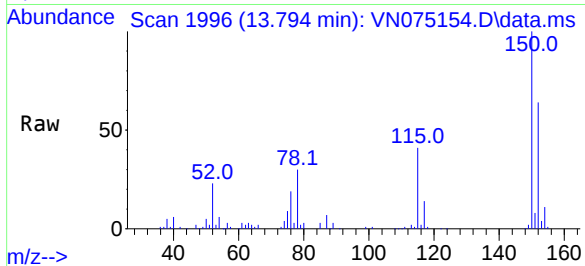




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

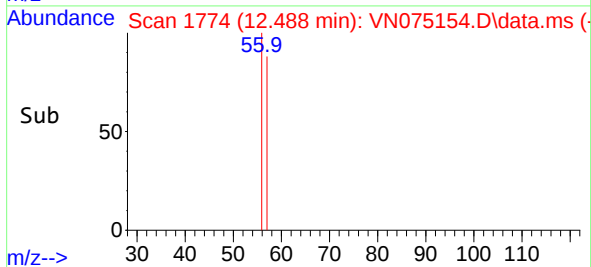
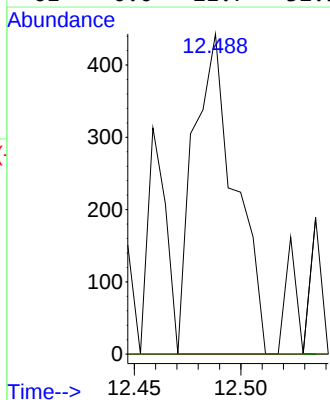
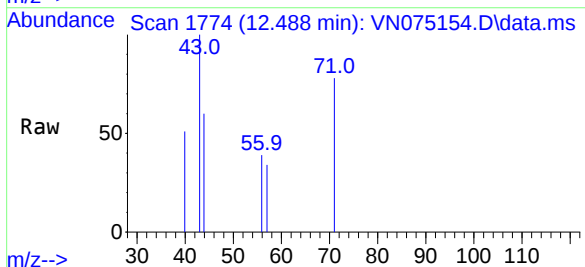
Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

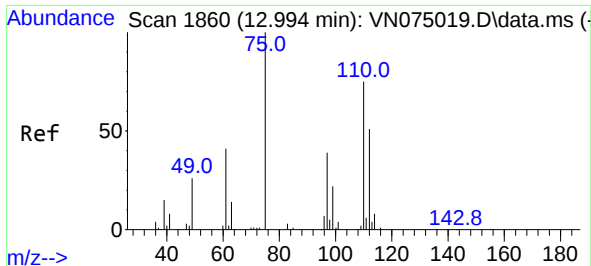
Tgt Ion:152 Resp: 67473
Ion Ratio Lower Upper
152 100
115 62.2 30.2 90.6
150 157.1 0.0 348.4



#74
N-ethyl acetate
Concen: 0.300 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 43 Resp: 601
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#

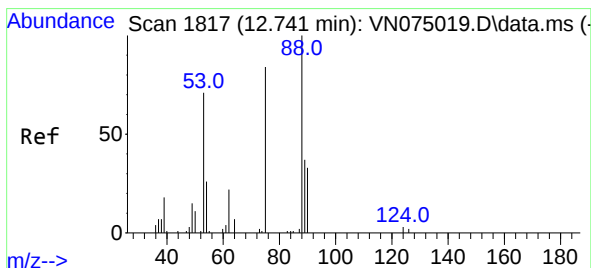
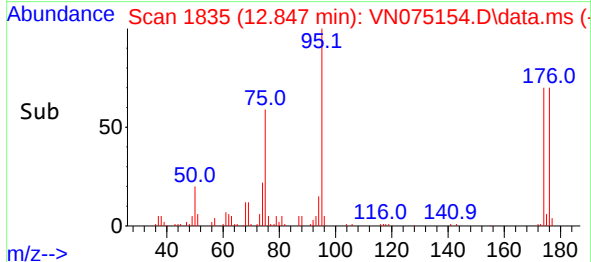
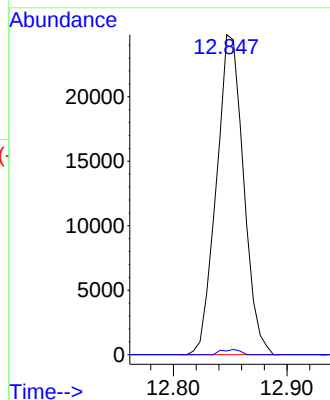
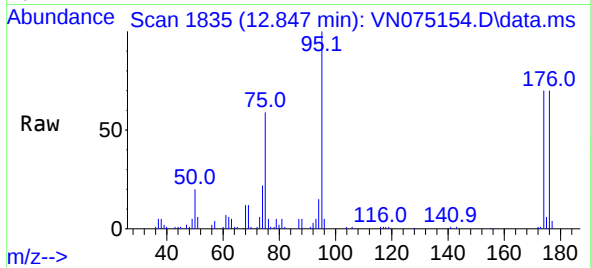




#76
1,2,3-Trichloropropane
Concen: 28.779 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :
PB148771ZHE#06

Tgt Ion: 75 Resp: 41230
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.876 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075154.D
Acq: 03 Nov 2022 19:13

Tgt Ion: 75 Resp: 41230
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

