

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
 Data File : VN075225.D
 Acq On : 09 Nov 2022 18:17
 Operator : JC\MD
 Sample : PB148908ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 02:45:58 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)

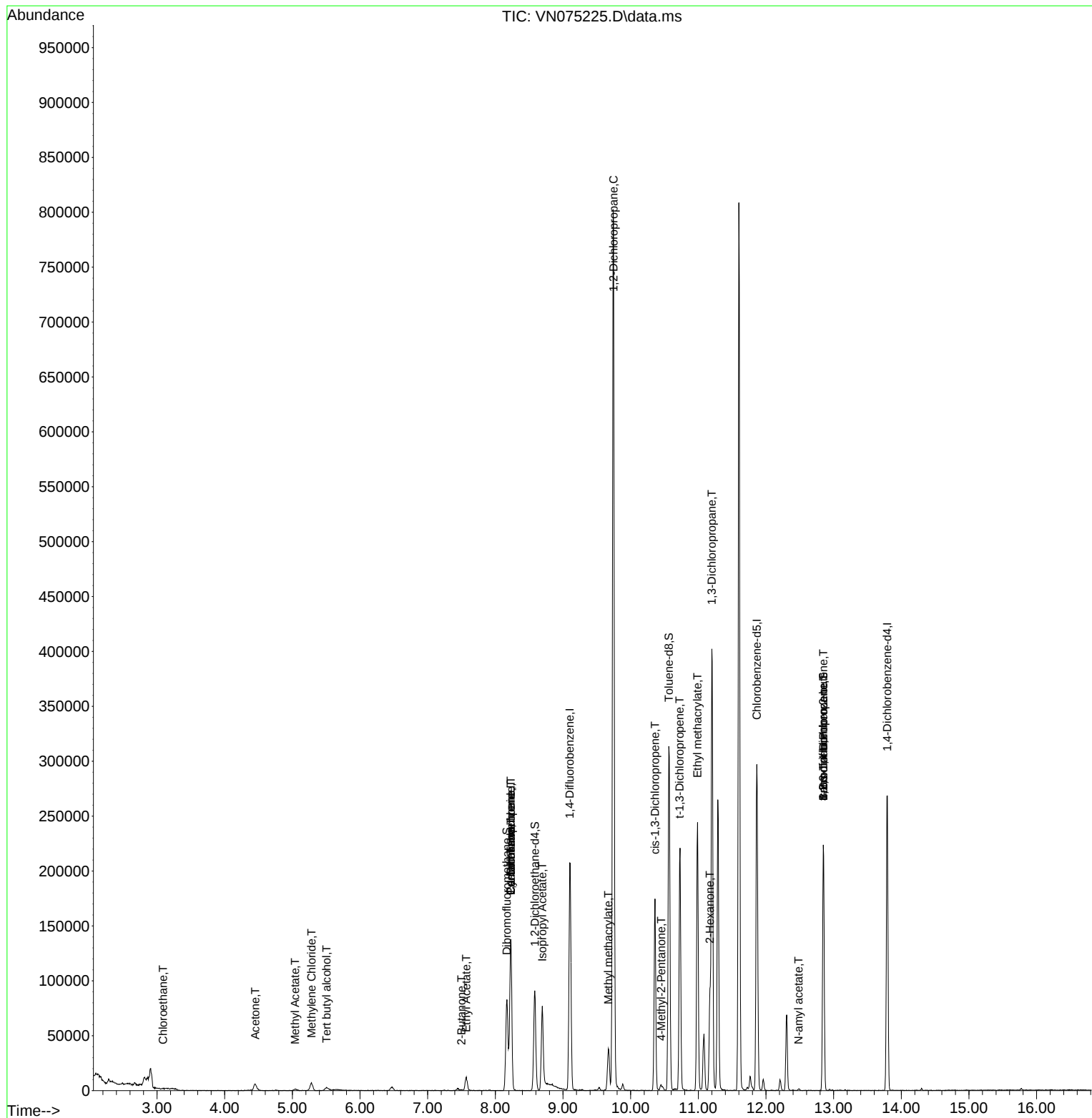
Internal Standards						
1) Pentafluorobenzene	8.230	168	98500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	186358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	180070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71679	54.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.020%	
35) Dibromofluoromethane	8.171	113	59962	54.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.620%	
50) Toluene-d8	10.565	98	223577	52.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.847	95	79004	52.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.912	94	318	Below Cal	#	5
6) Chloroethane	3.089	64	461	0.331	ug/l #	45
11) Tert butyl alcohol	5.506	59	1659	5.360	ug/l #	72
16) Acetone	4.453	43	11606	20.653	ug/l	96
18) Methyl Acetate	5.042	43	2932	1.597	ug/l #	68
20) Methylene Chloride	5.283	84	5687	4.539	ug/l	98
25) 2-Butanone	7.500	43	1085	1.228	ug/l	94
31) Cyclohexane	8.230	56	2132	1.080	ug/l #	23
36) 1,1-Dichloropropene	8.230	75	8692	5.132	ug/l #	49
37) Ethyl Acetate	7.571	43	16861	9.077	ug/l	98
38) Carbon Tetrachloride	8.230	117	10937	5.870	ug/l #	16
43) Isopropyl Acetate	8.694	43	85568	29.699	ug/l #	88
45) 1,2-Dichloropropane	9.747	63	1036	0.839	ug/l #	42
48) Methyl methacrylate	9.671	41	2182	1.651	ug/l #	35
51) 4-Methyl-2-Pentanone	10.453	43	5999	3.227	ug/l #	67
53) t-1,3-Dichloropropene	10.723	75	506	0.257	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	32815	15.742	ug/l #	63
56) Ethyl methacrylate	10.988	69	827	0.394	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4794	2.094	ug/l #	42
59) 2-Hexanone	11.171	43	67039	47.508	ug/l #	21
71) Bromoform	12.847	173	267	0.250	ug/l #	1
74) N-amyl acetate	12.482	43	902	0.415	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	41208	26.484	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41208	67.984	ug/l #	10

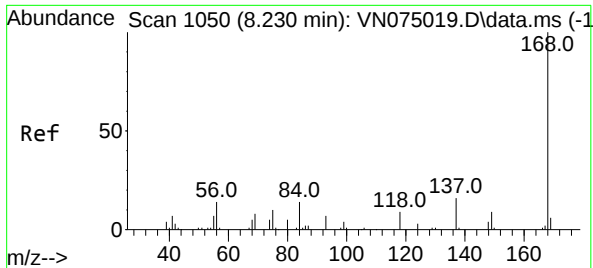
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
Data File : VN075225.D
Acq On : 09 Nov 2022 18:17
Operator : JC\MD
Sample : PB148908ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

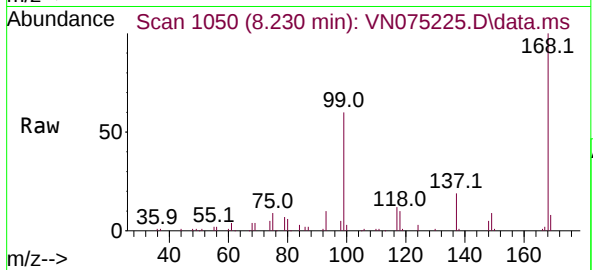
Quant Time: Nov 10 02:45:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



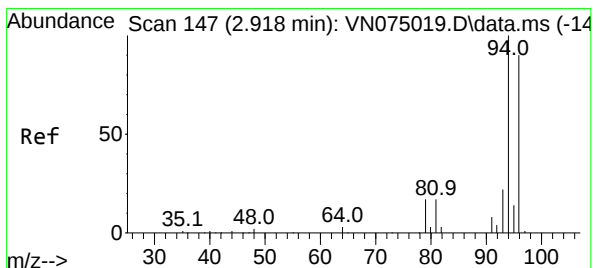
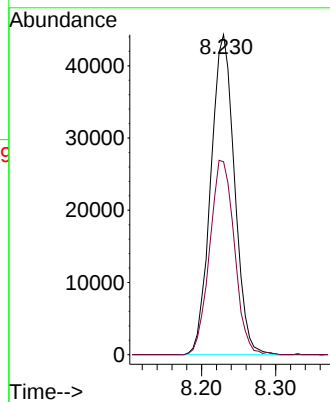
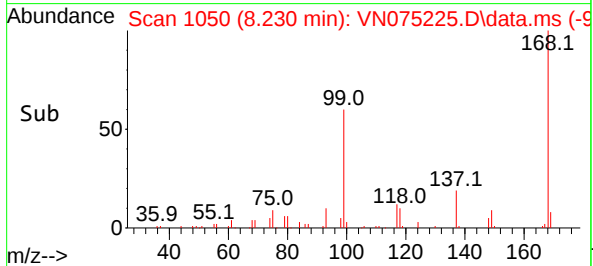


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

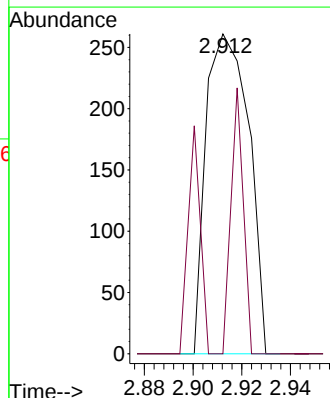
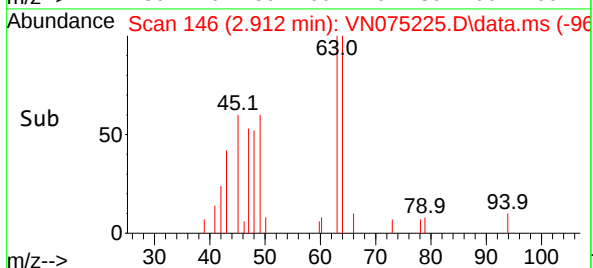
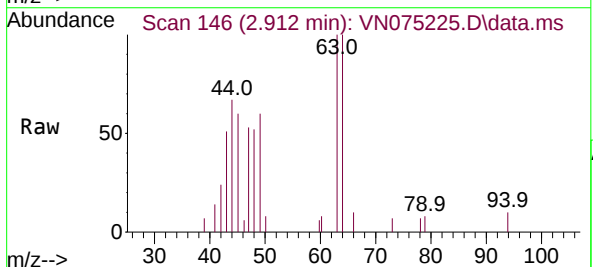


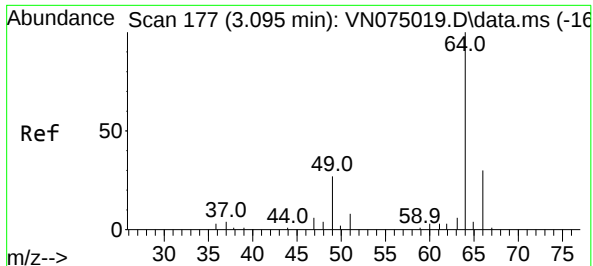
Tgt Ion:168 Resp: 98500
Ion Ratio Lower Upper
168 100
99 60.3 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

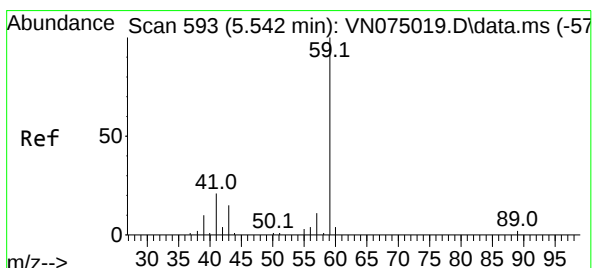
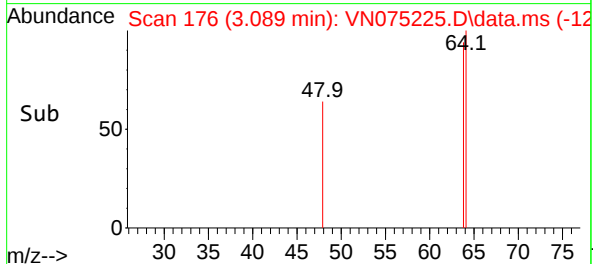
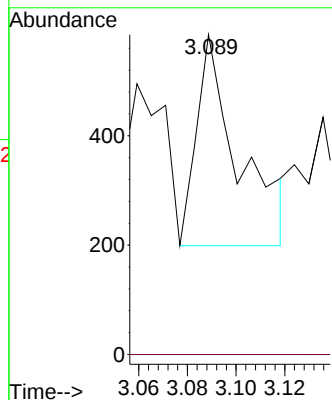
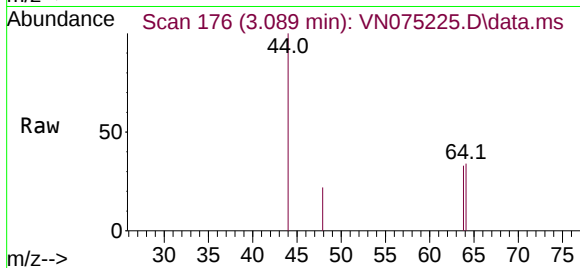




#6
Chloroethane
Concen: 0.331 ug/l
RT: 3.089 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

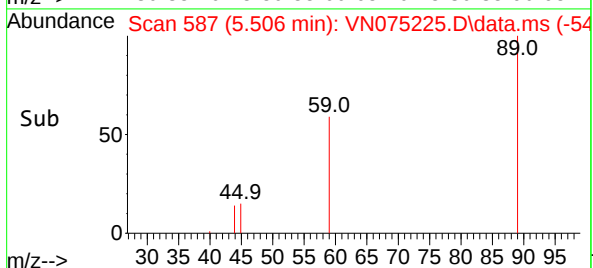
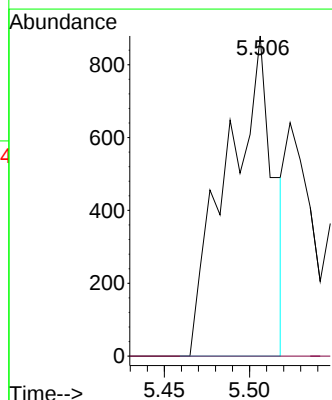
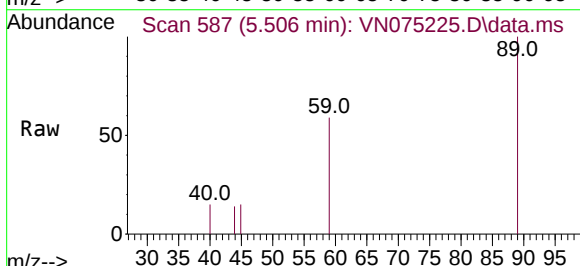
Instrument :
MSVOA_N
ClientSampleId :

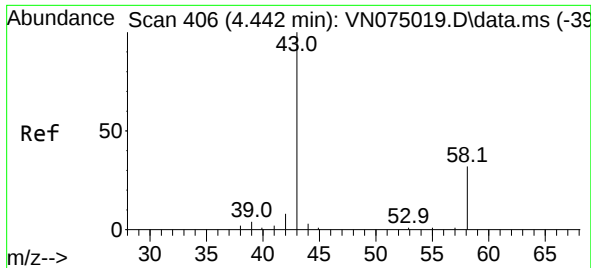
Tgt Ion: 64 Resp: 461
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 5.360 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 59 Resp: 1659
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

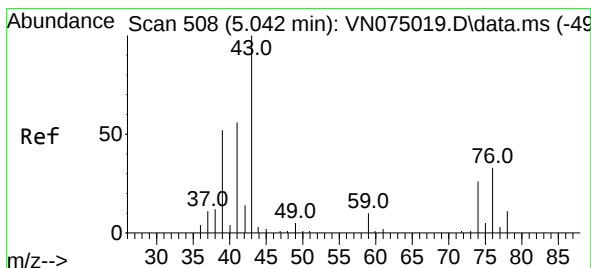
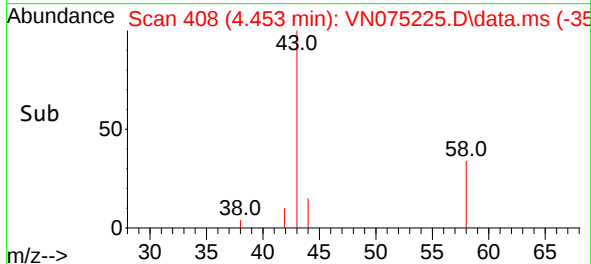
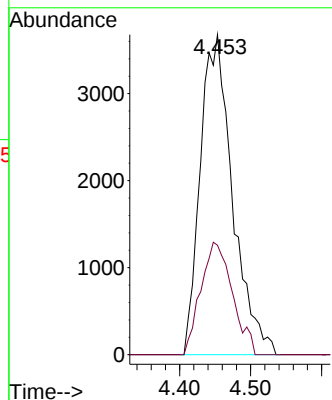
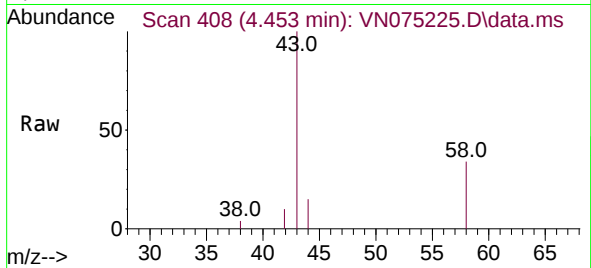




#16
Acetone
Concen: 20.653 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

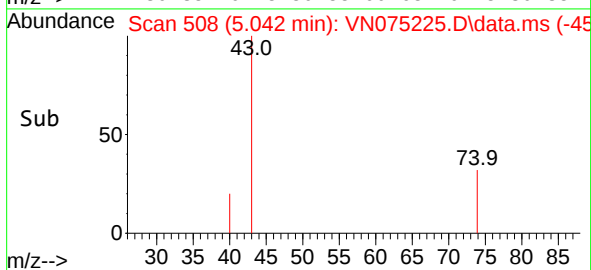
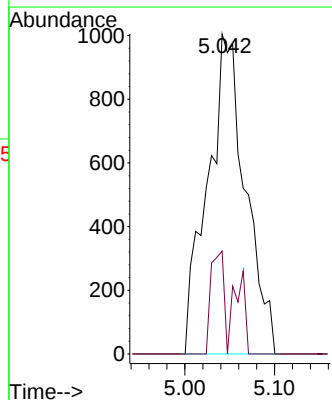
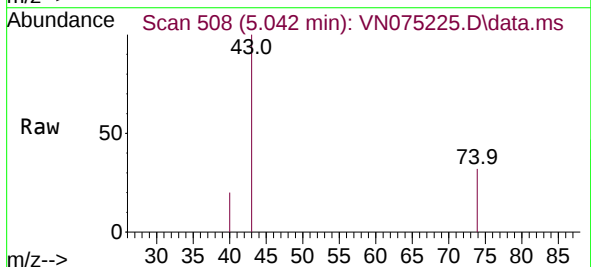
Instrument :
MSVOA_N
ClientSampleId :

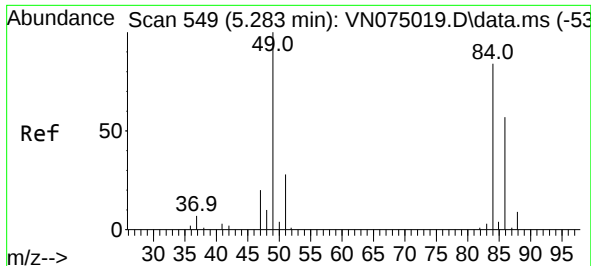
Tgt Ion: 43 Resp: 11606
Ion Ratio Lower Upper
43 100
58 34.2 25.5 38.3



#18
Methyl Acetate
Concen: 1.597 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

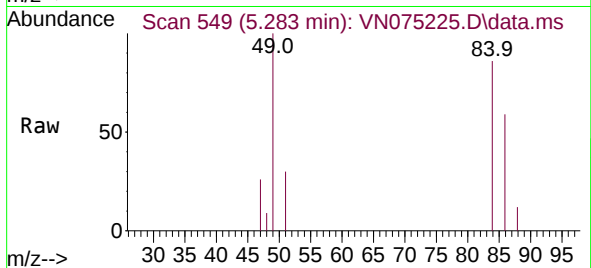
Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
74 11.0 22.0 33.0#



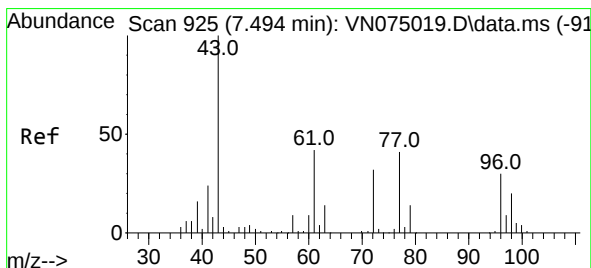
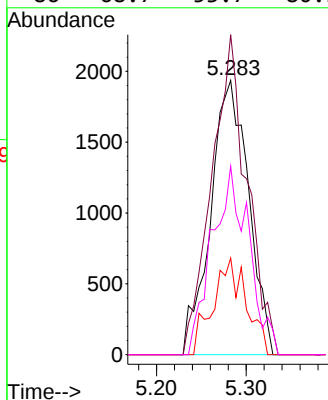
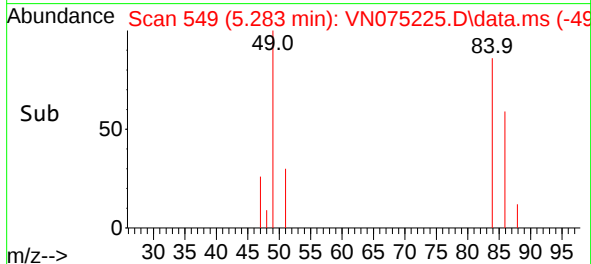


#20
Methylene Chloride
Concen: 4.539 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

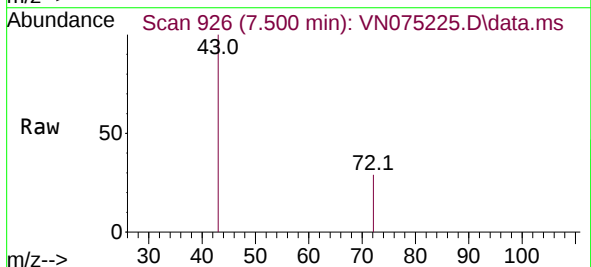
Instrument :
MSVOA_N
ClientSampleId :



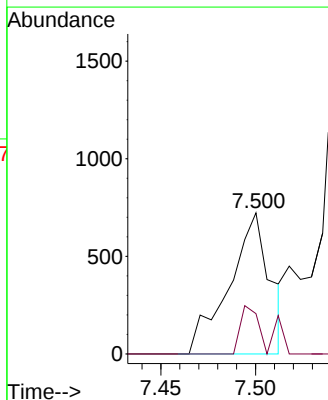
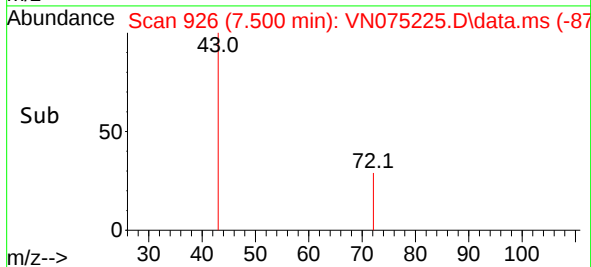
Tgt Ion: 84	Resp: 5687
Ion Ratio	Lower Upper
84 100	
49 116.7	94.9 142.3
51 35.2	26.8 40.2
86 68.7	53.7 80.5

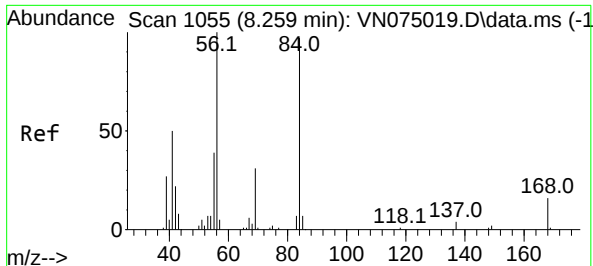


#25
2-Butanone
Concen: 1.228 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17



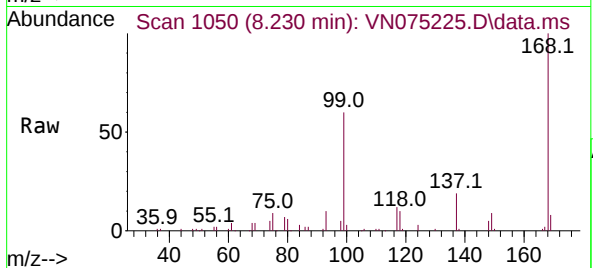
Tgt Ion: 43	Resp: 1085		
Ion Ratio	Lower	Upper	
43	100		
72	28.6	25.5	38.3



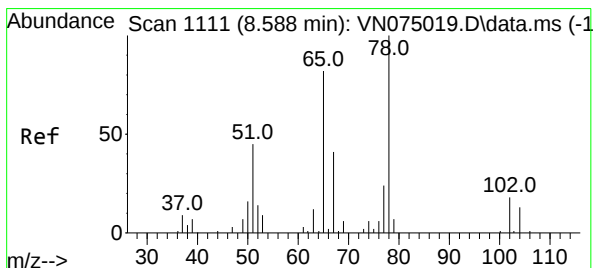
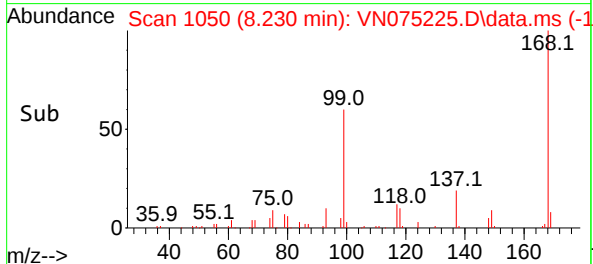
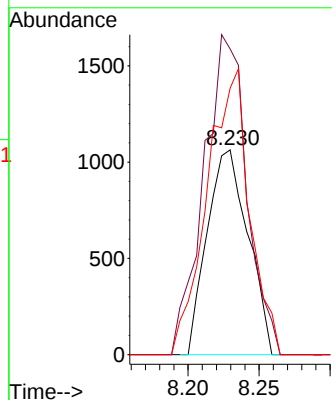


#31
Cyclohexane
Concen: 1.080 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

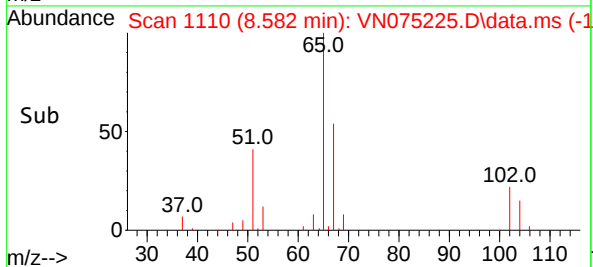
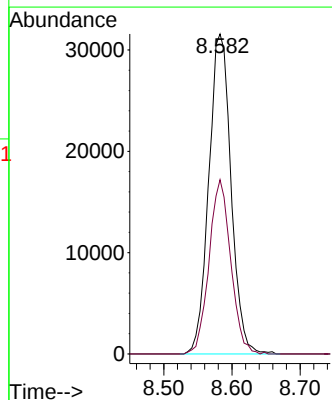
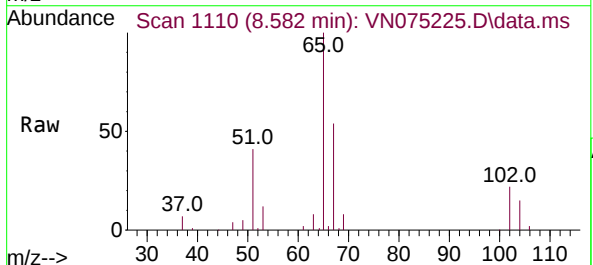


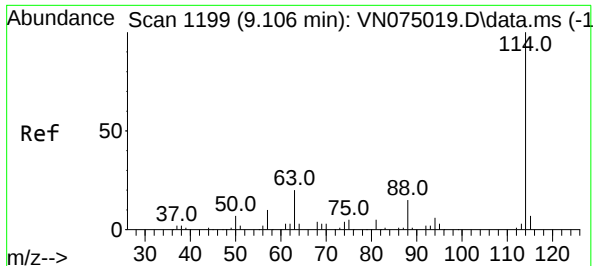
Tgt Ion: 56 Resp: 2132
Ion Ratio Lower Upper
56 100
69 149.2 25.2 37.8#
84 130.1 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 54.009 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 65 Resp: 71679
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075225.D

Acq: 09 Nov 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

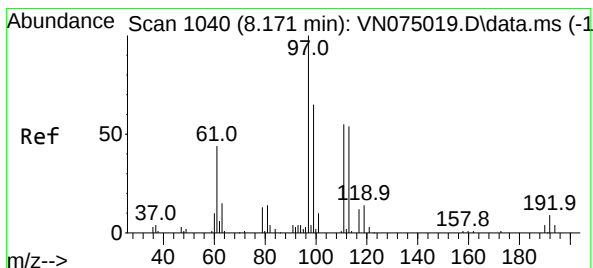
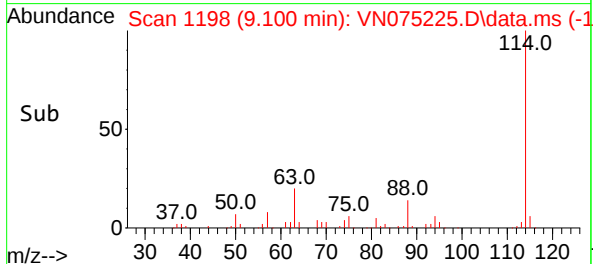
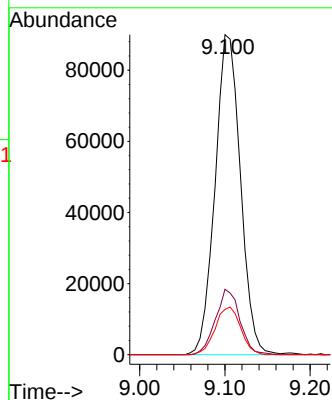
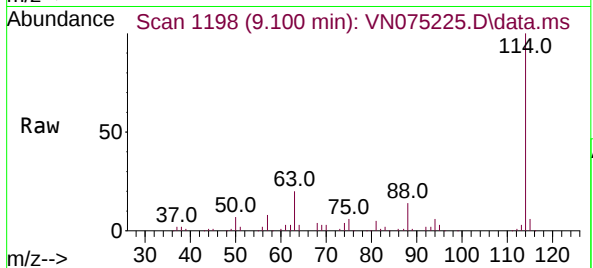
Tgt Ion:114 Resp: 186358

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.809 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075225.D

Acq: 09 Nov 2022 18:17

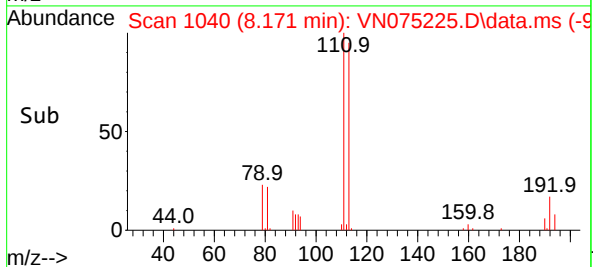
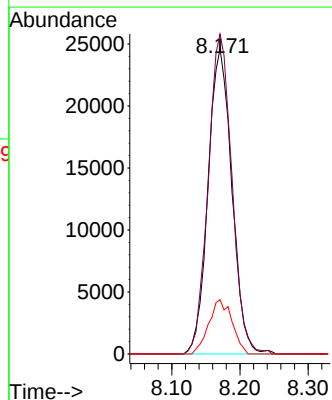
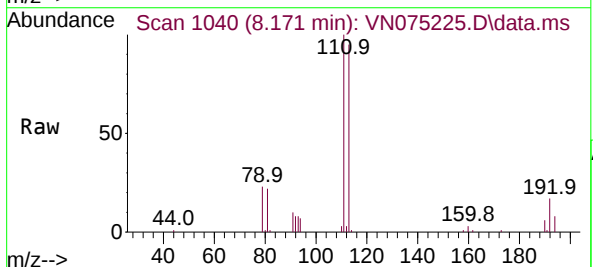
Tgt Ion:113 Resp: 59962

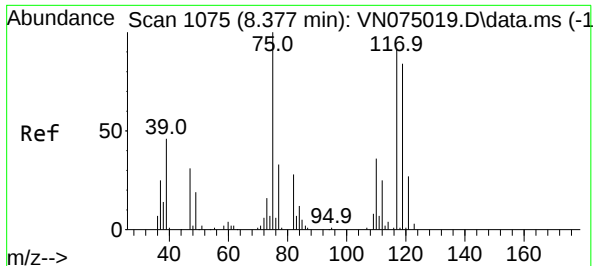
Ion Ratio Lower Upper

113 100

111 103.7 80.5 120.7

192 17.3 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.132 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

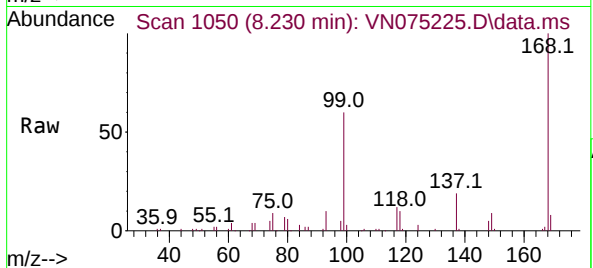
Lab File: VN075225.D

Acq: 09 Nov 2022 18:17

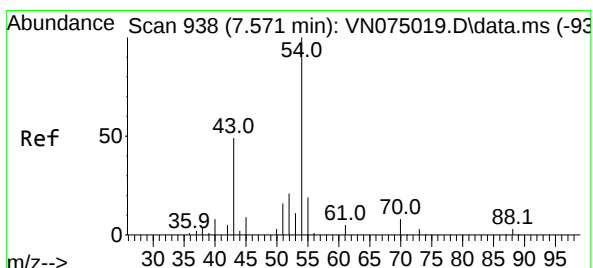
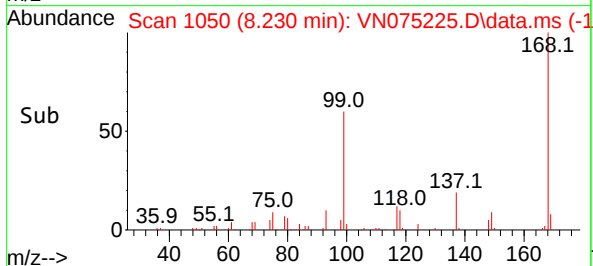
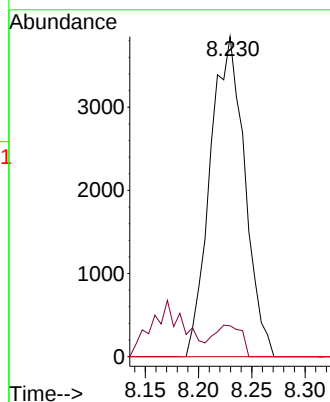
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	8692
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.8	53.3#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 9.077 ug/l

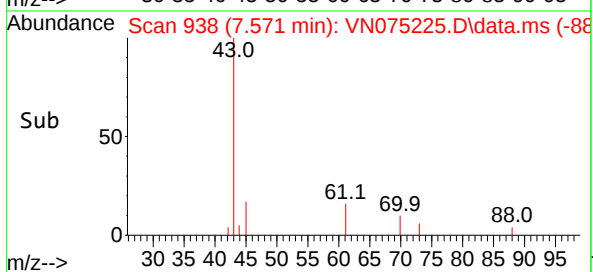
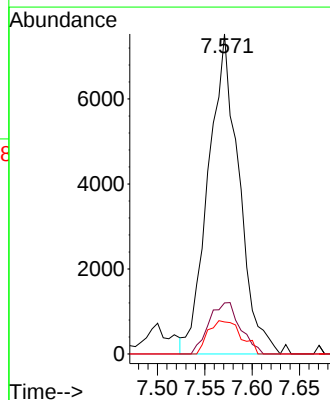
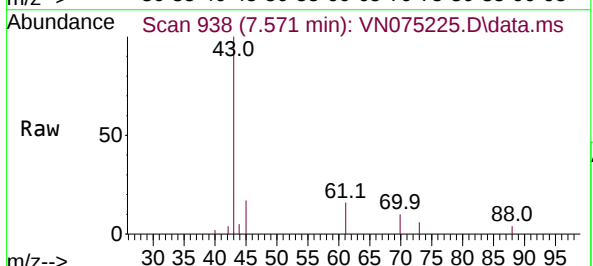
RT: 7.571 min Scan# 938

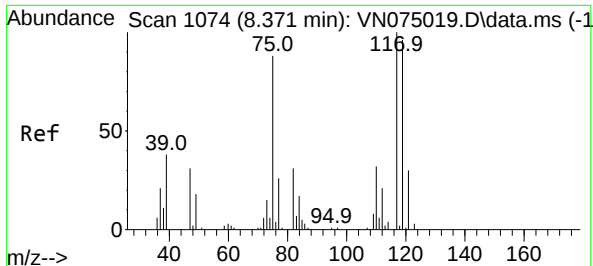
Delta R.T. -0.000 min

Lab File: VN075225.D

Acq: 09 Nov 2022 18:17

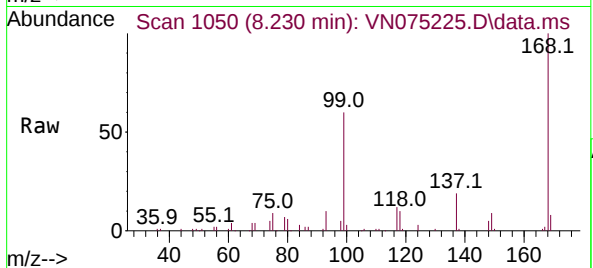
Tgt Ion:	43	Resp:	16861
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.4
70	11.1	9.4	14.2



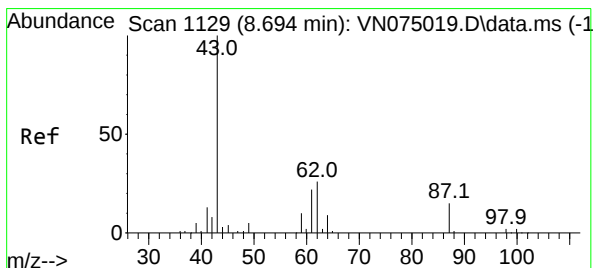
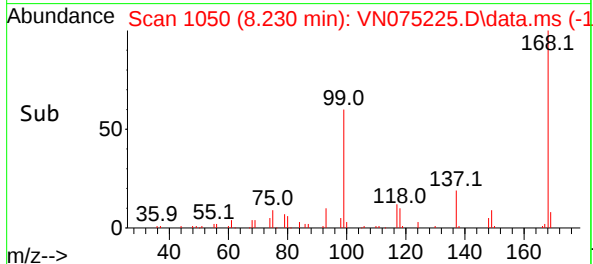
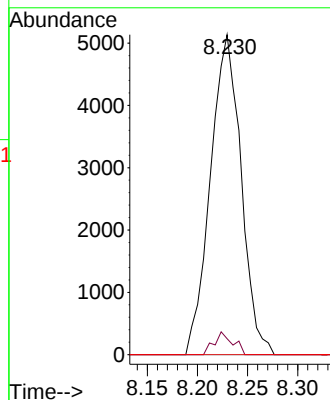


#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 8.230 min Scan# 10937
Delta R.T. -0.141 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

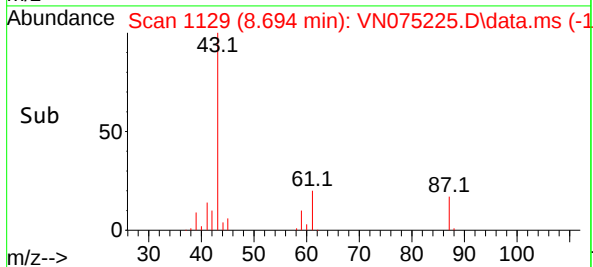
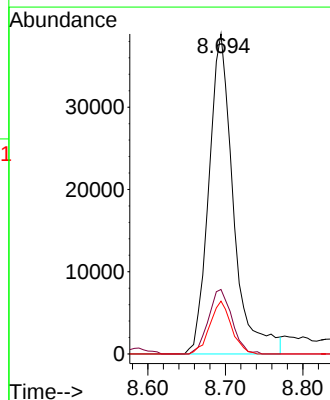
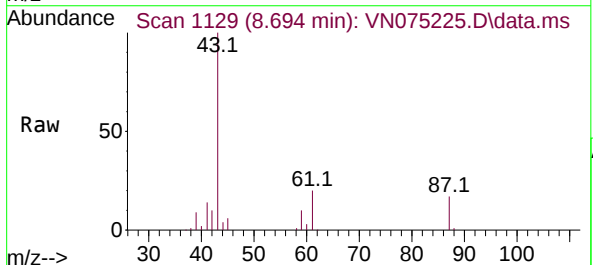


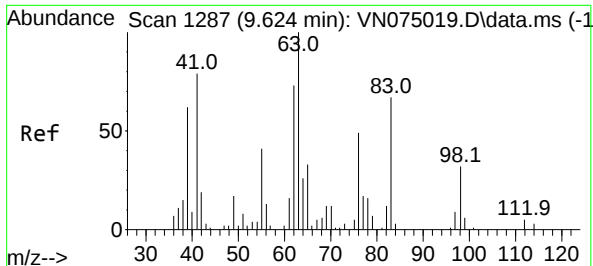
Tgt Ion:117 Resp: 10937
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 29.699 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 43 Resp: 85568
Ion Ratio Lower Upper
43 100
61 19.2 22.4 33.6#
87 14.5 12.5 18.7





#45

1,2-Dichloropropane

Concen: 0.839 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075225.D

Acq: 09 Nov 2022 18:17

Instrument :

MSVOA_N

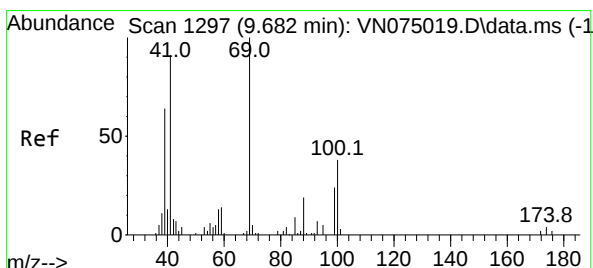
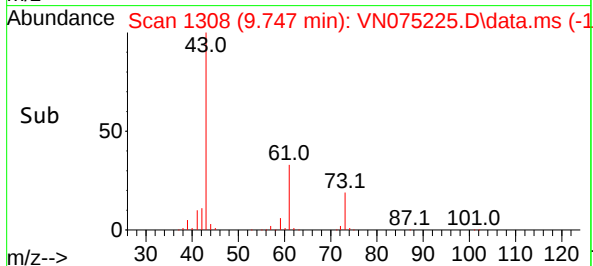
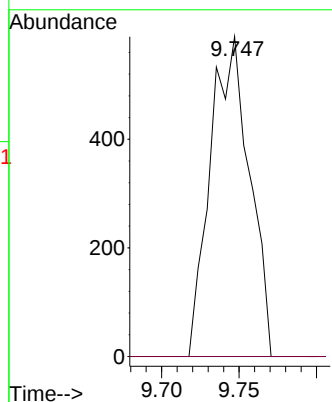
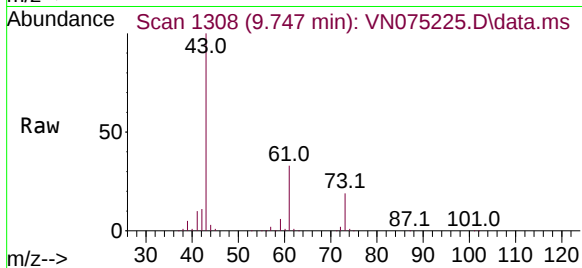
ClientSampleId :

Tgt Ion: 63 Resp: 1036

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.651 ug/l

RT: 9.671 min Scan# 1295

Delta R.T. -0.011 min

Lab File: VN075225.D

Acq: 09 Nov 2022 18:17

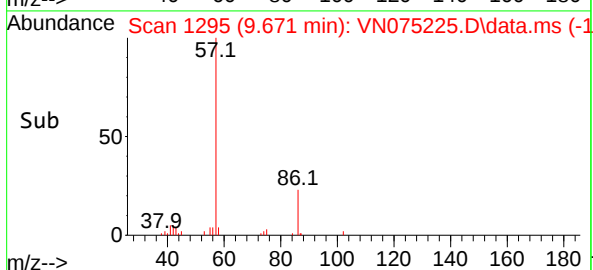
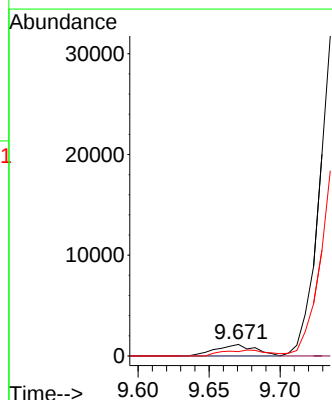
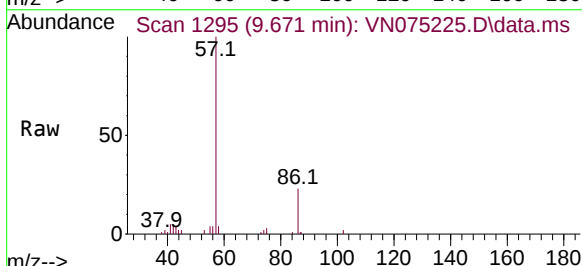
Tgt Ion: 41 Resp: 2182

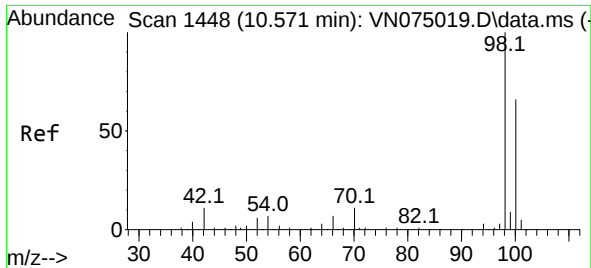
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 58.5 56.2 84.2

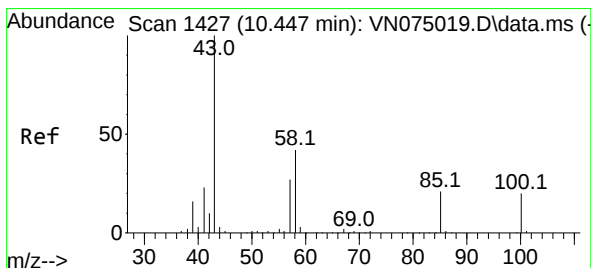
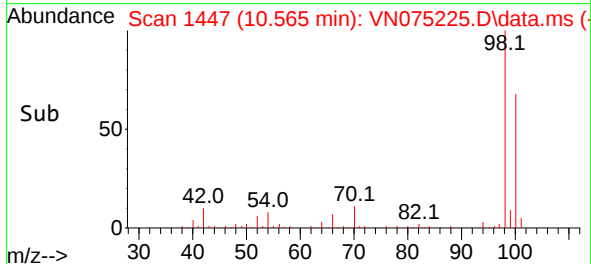
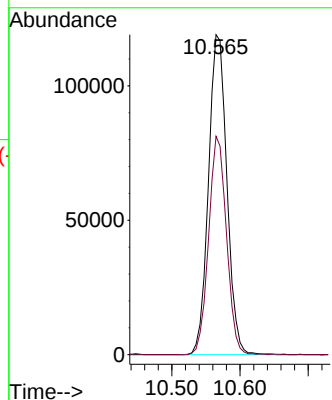
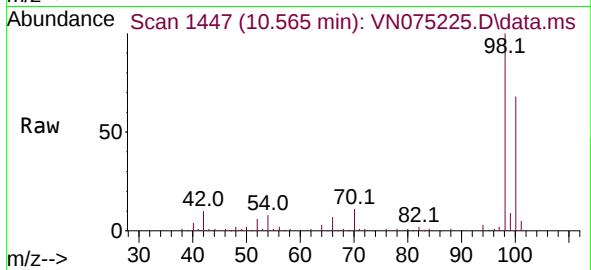




#50
Toluene-d8
Concen: 52.675 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

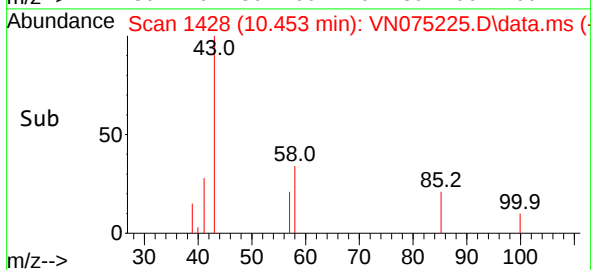
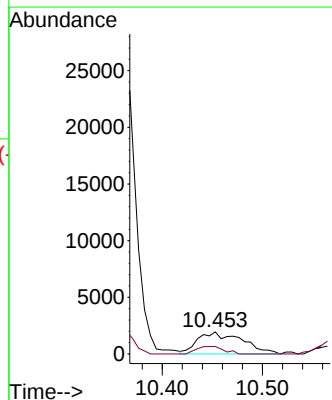
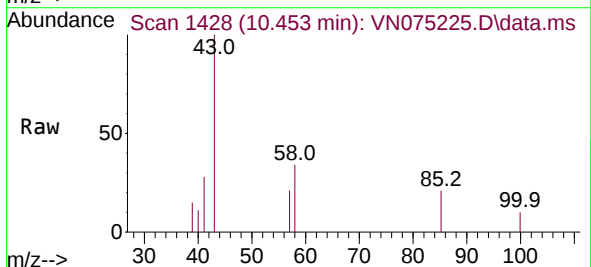
Instrument :
MSVOA_N
ClientSampleId :

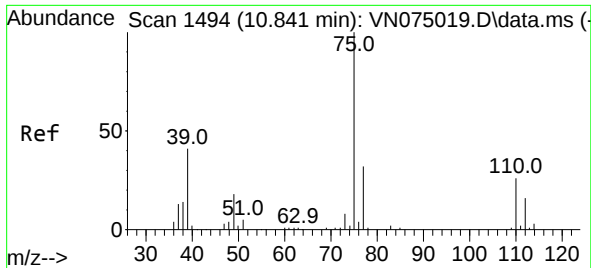
Tgt Ion: 98 Resp: 223577
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 3.227 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 43 Resp: 5999
Ion Ratio Lower Upper
43 100
58 20.9 33.6 50.4#

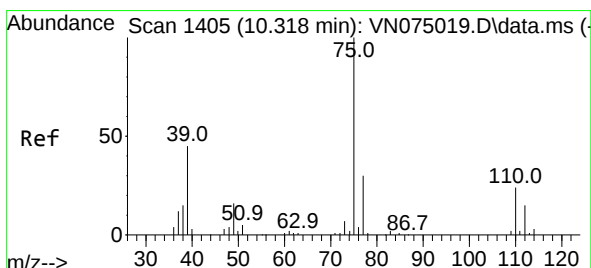
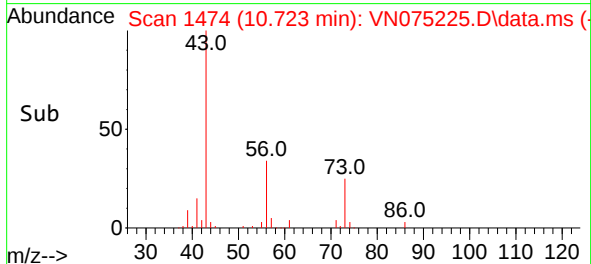
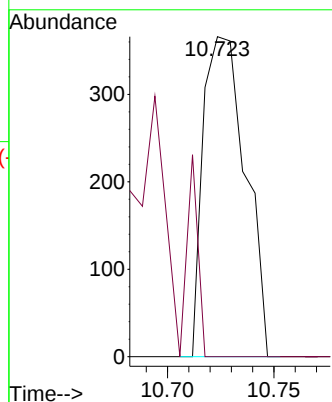
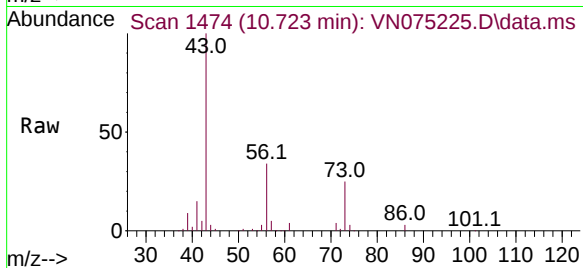




#53
 t-1,3-Dichloropropene
 Concen: 0.257 ug/l
 RT: 10.723 min Scan# 1412
 Delta R.T. -0.118 min
 Lab File: VN075225.D
 Acq: 09 Nov 2022 18:17

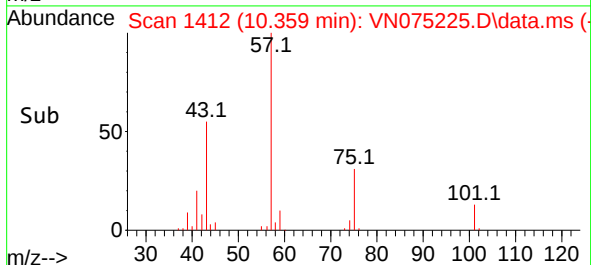
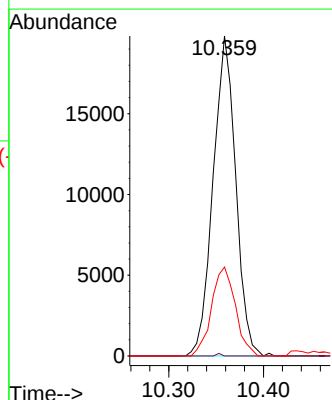
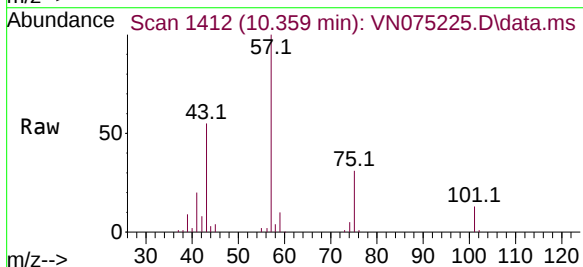
Instrument :
 MSVOA_N
 ClientSampleId :

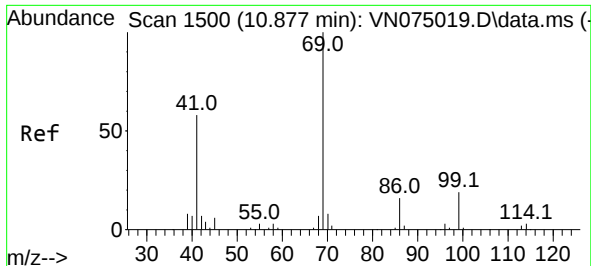
Tgt Ion: 75 Resp: 506
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 15.742 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.041 min
 Lab File: VN075225.D
 Acq: 09 Nov 2022 18:17

Tgt Ion: 75 Resp: 32815
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 27.8 35.8 53.6#

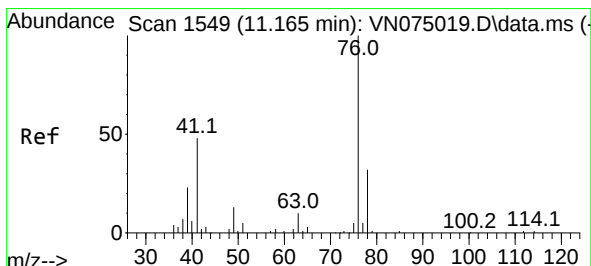
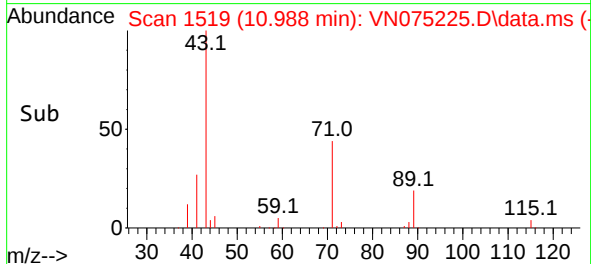
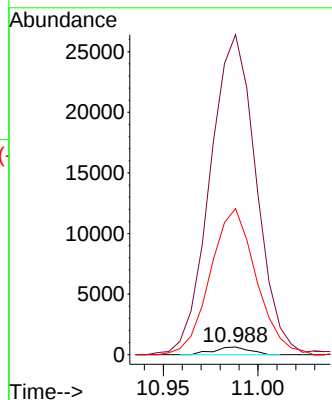
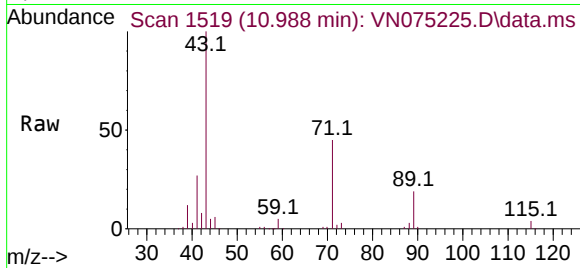




#56
Ethyl methacrylate
Concen: 0.394 ug/l
RT: 10.988 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

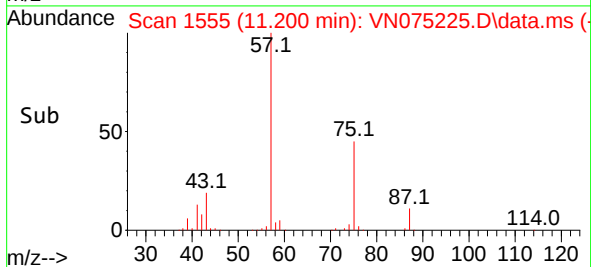
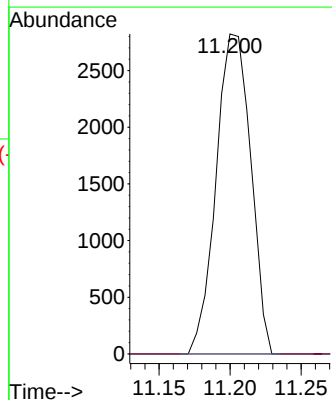
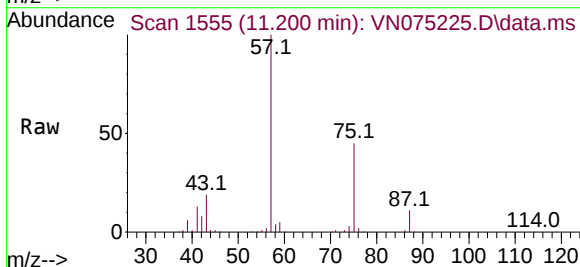
Instrument :
MSVOA_N
ClientSampleId :

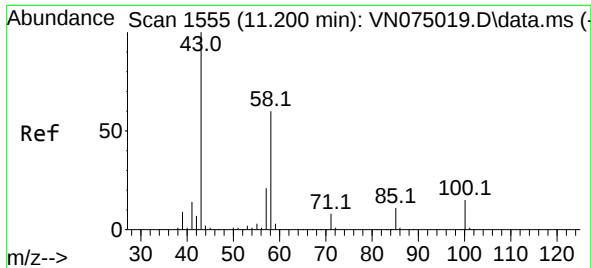
Tgt Ion: 69 Resp: 827
Ion Ratio Lower Upper
69 100
41 5435.3 45.6 68.4#
39 2460.2 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 2.094 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.035 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 76 Resp: 4794
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

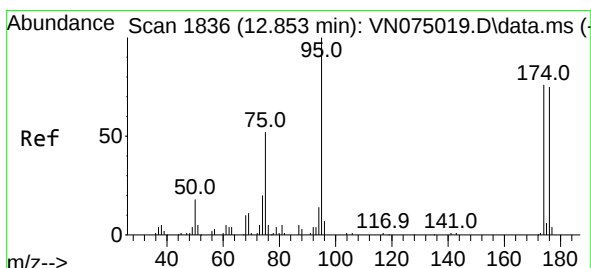
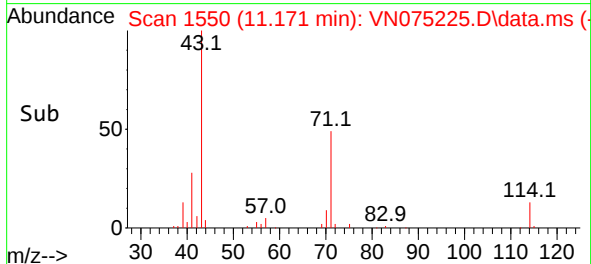
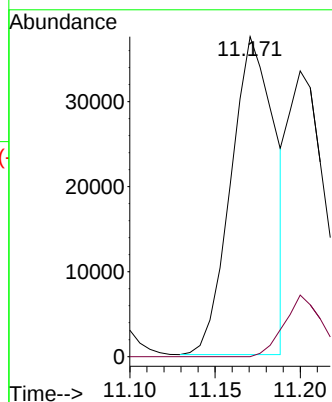
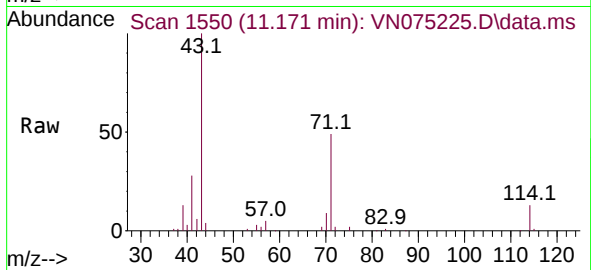




#59
2-Hexanone
Concen: 47.508 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

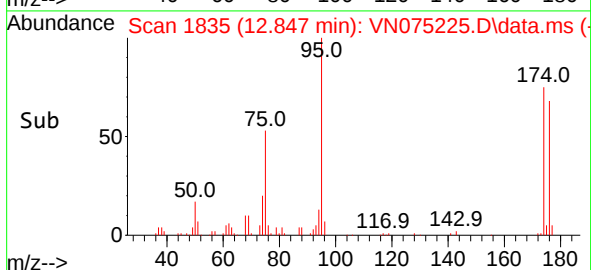
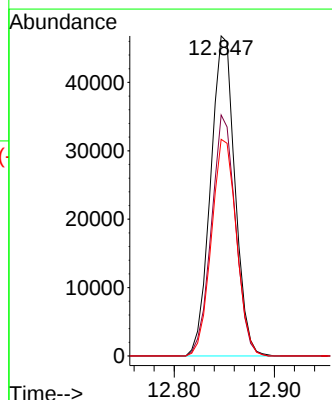
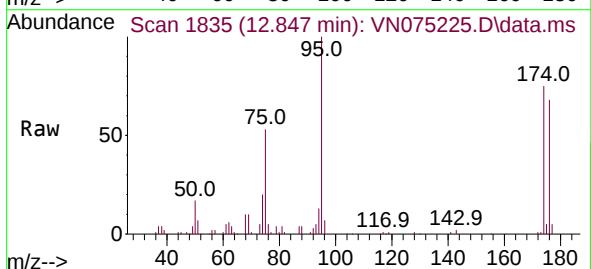
Instrument :
MSVOA_N
ClientSampleId :

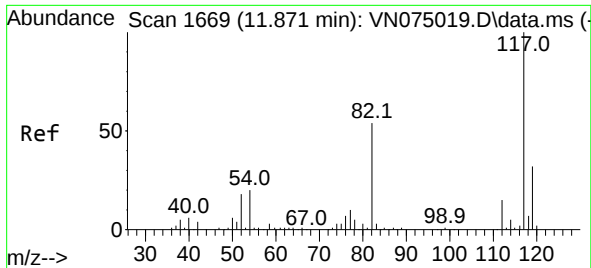
Tgt Ion: 43 Resp: 67039
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 52.987 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 95 Resp: 79004
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 69.2 0.0 142.2

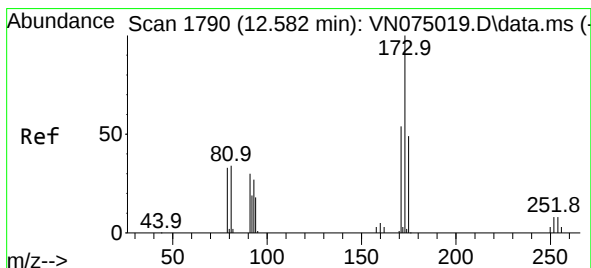
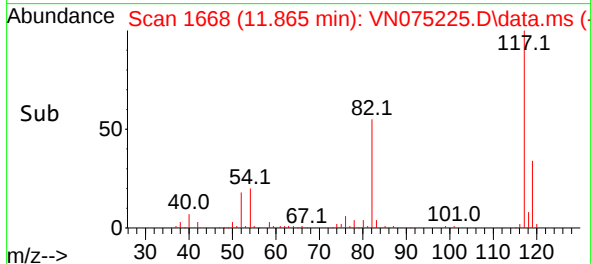
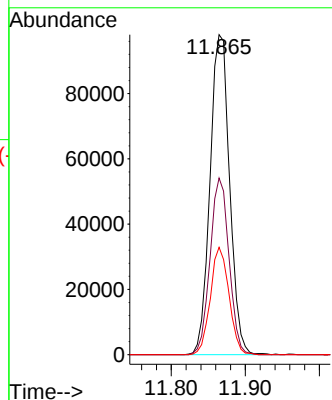
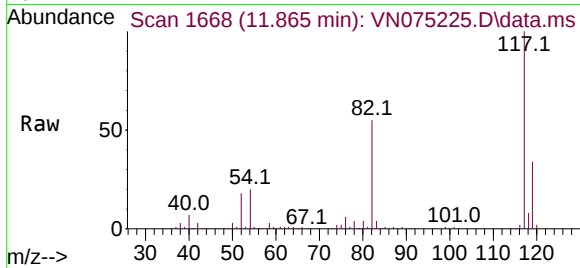




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

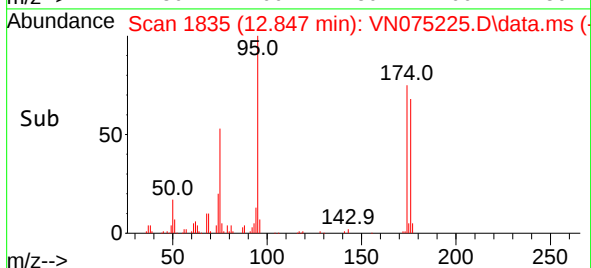
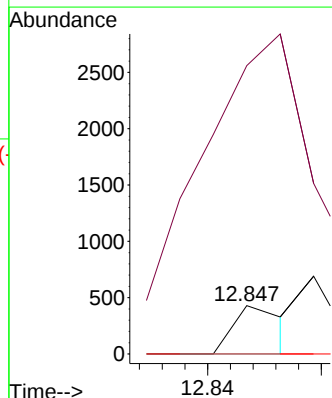
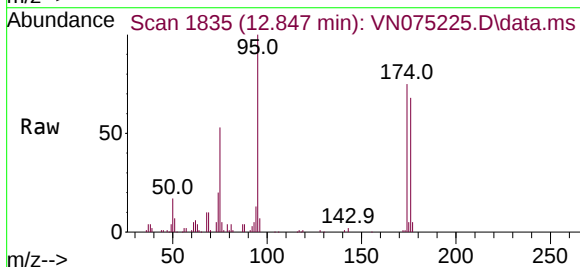
Instrument :
MSVOA_N
ClientSampleId :

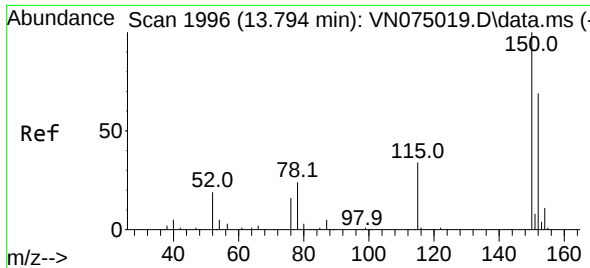
Tgt Ion:117 Resp: 180070
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 33.5 25.5 38.3



#71
Bromoform
Concen: 0.250 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion:173 Resp: 267
Ion Ratio Lower Upper
173 100
175 1445.3 24.6 74.0#
254 0.0 0.0 0.0

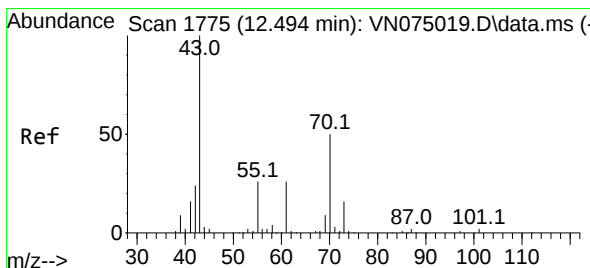
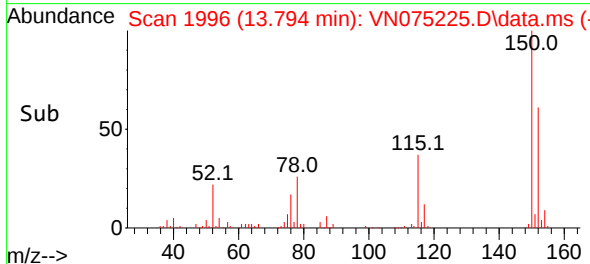
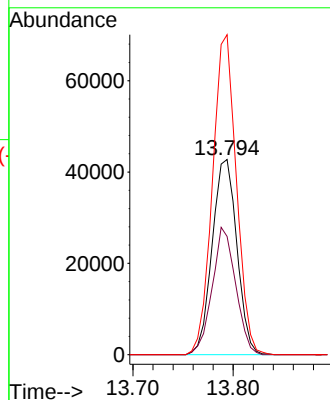
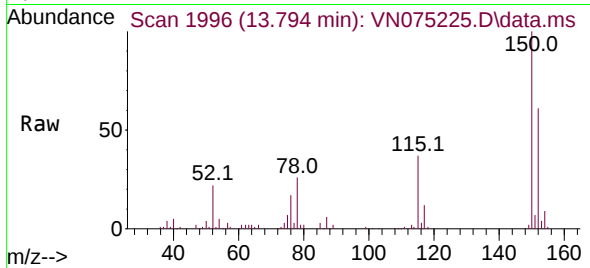




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

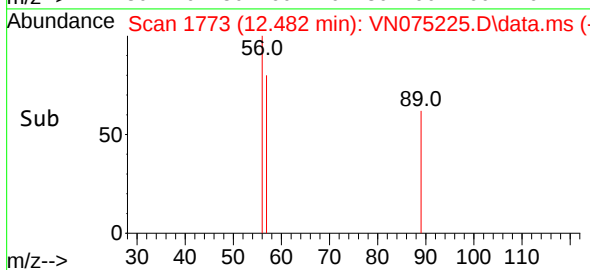
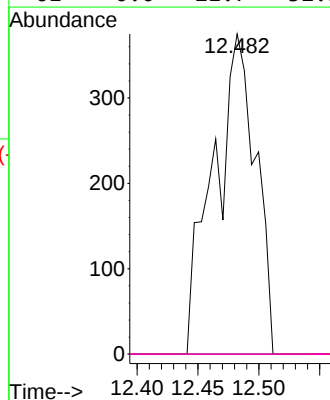
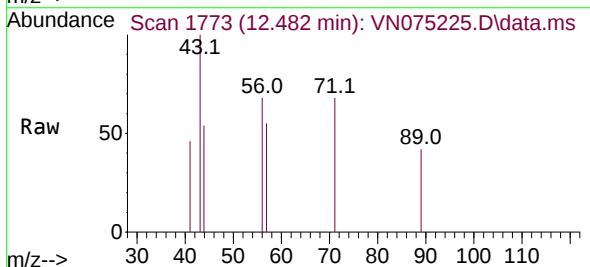
Instrument :
MSVOA_N
ClientSampleId :

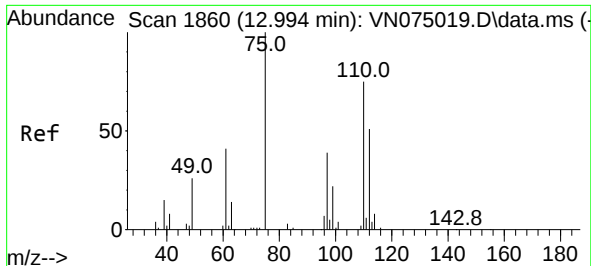
Tgt Ion:152 Resp: 73281
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 158.2 0.0 348.4



#74
N-ethyl acetate
Concen: 0.415 ug/l
RT: 12.482 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 43 Resp: 902
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#

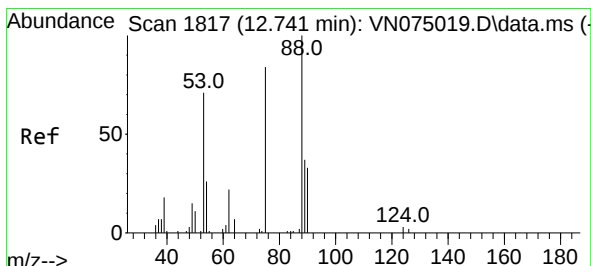
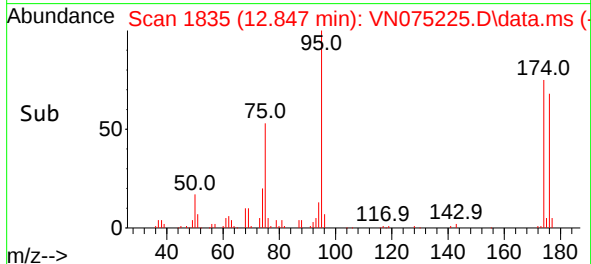
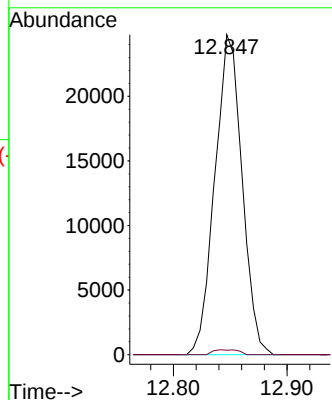
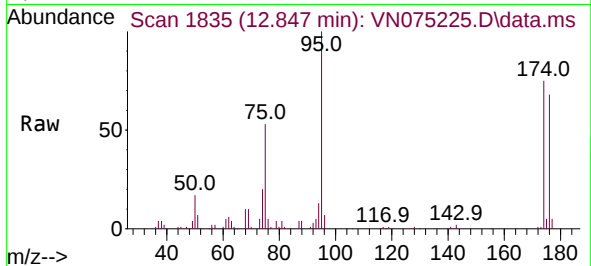




#76
1,2,3-Trichloropropane
Concen: 26.484 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 41208
Ion Ratio Lower Upper
75 100
77 1.4 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.984 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075225.D
Acq: 09 Nov 2022 18:17

Tgt Ion: 75 Resp: 41208
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

