

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075195.D
 Acq On : 07 Nov 2022 18:10
 Operator : JC\MD
 Sample : N5491-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 08 01:12:36 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)

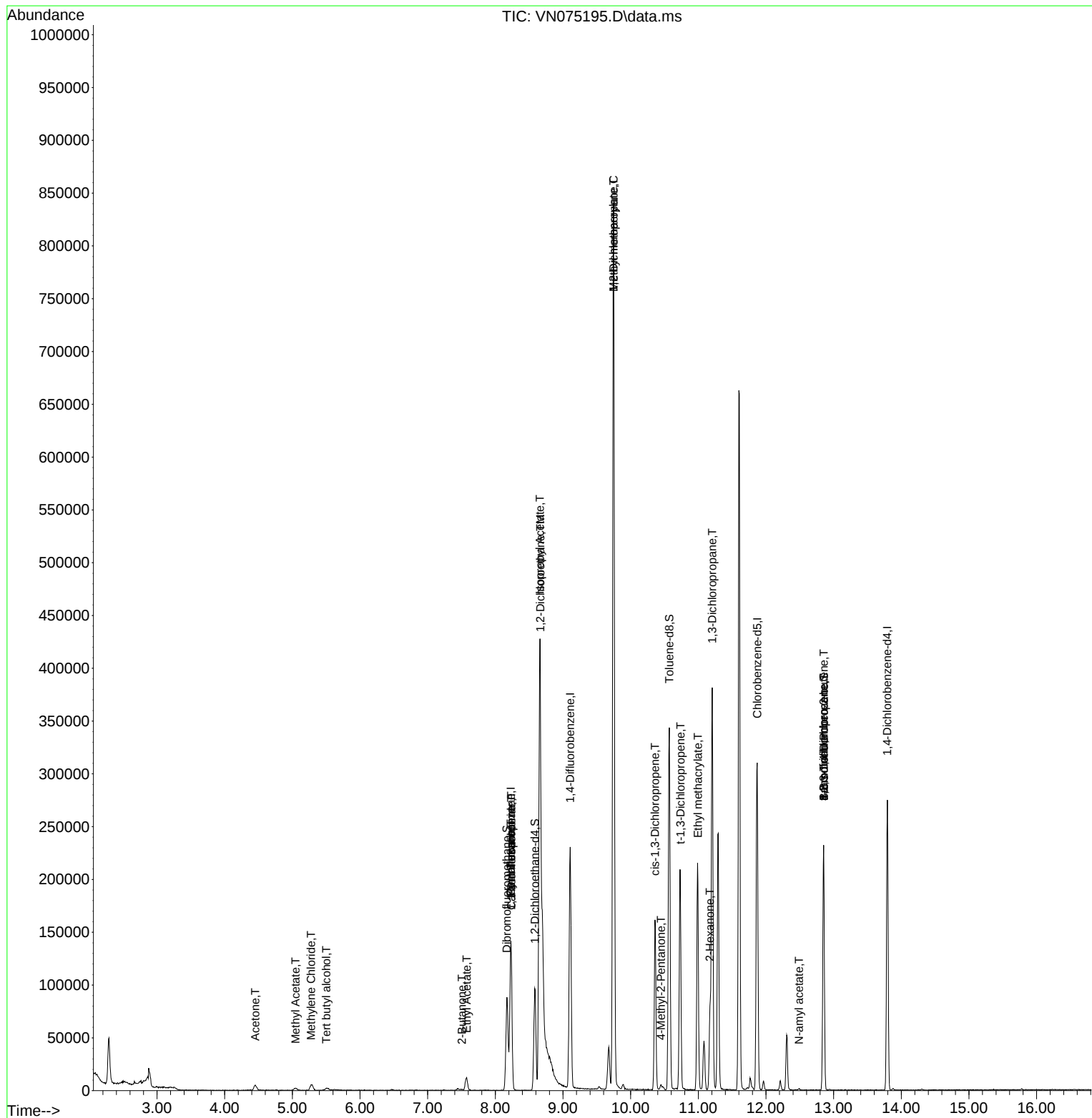
Internal Standards						
1) Pentafluorobenzene	8.230	168	97818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	185335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77989	59.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.340%
35) Dibromofluoromethane	8.171	113	62333	53.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	10.571	98	241604	53.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.853	95	76917	48.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.500	59	1978	6.435	ug/l #	72
16) Acetone	4.453	43	9786	17.536	ug/l	95
18) Methyl Acetate	5.047	43	4479	2.457	ug/l	95
20) Methylene Chloride	5.277	84	4678	3.760	ug/l #	89
25) 2-Butanone	7.506	43	1416	1.613	ug/l #	74
31) Cyclohexane	8.230	56	2299	1.173	ug/l #	18
36) 1,1-Dichloropropene	8.235	75	8881	4.899	ug/l #	50
37) Ethyl Acetate	7.577	43	17655	8.880	ug/l	99
38) Carbon Tetrachloride	8.235	117	10674	5.352	ug/l #	16
42) 1,2-Dichloroethane	8.665	62	1421	0.704	ug/l #	75
43) Isopropyl Acetate	8.659	43	503028	163.104	ug/l #	53
45) 1,2-Dichloropropane	9.747	63	1062	0.804	ug/l #	42
48) Methyl methacrylate	9.747	41	74409	52.596	ug/l #	34
51) 4-Methyl-2-Pentanone	10.447	43	3267	1.642	ug/l	91
53) t-1,3-Dichloropropene	10.735	75	513	0.244	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	30021	13.454	ug/l #	68
56) Ethyl methacrylate	10.994	69	775	0.345	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4121	1.682	ug/l #	42
59) 2-Hexanone	11.171	43	59329	39.278	ug/l #	21
71) Bromoform	12.853	173	479	0.436	ug/l #	1
74) N-amyl acetate	12.488	43	944	0.441	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	42055	27.461	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42055	70.493	ug/l #	10

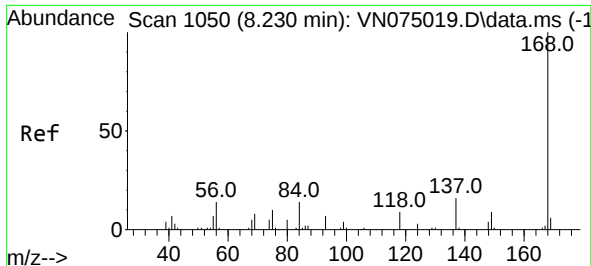
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
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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

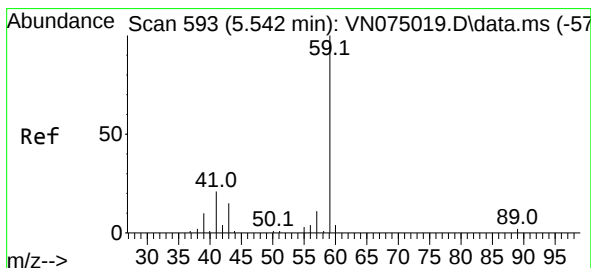
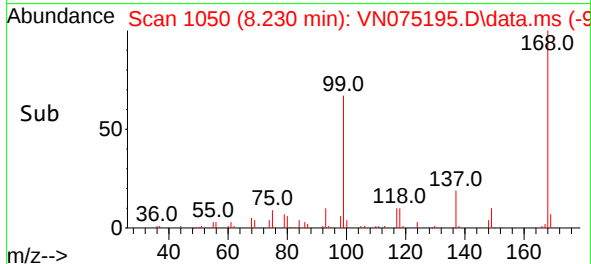
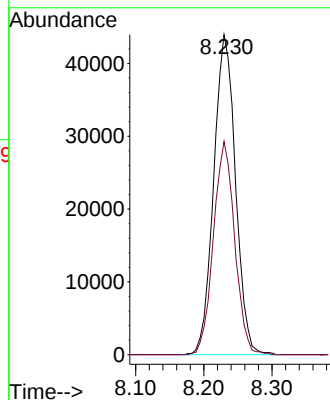
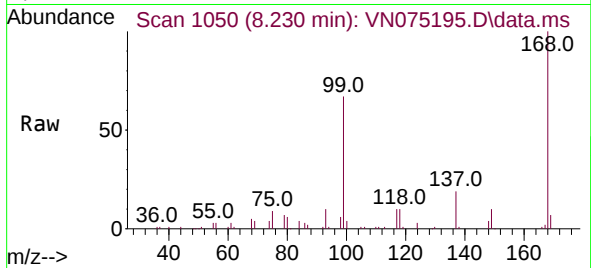




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

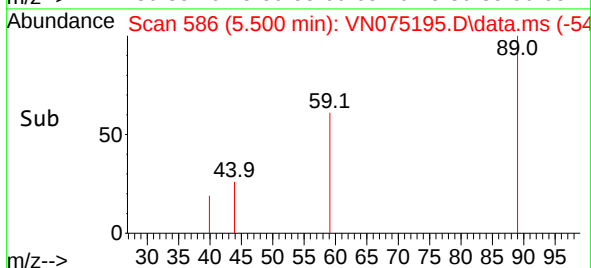
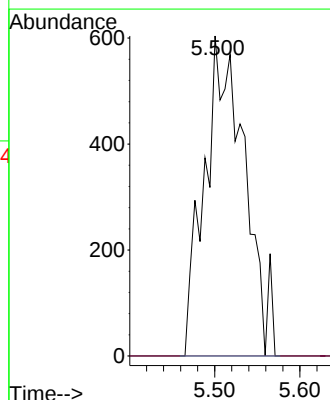
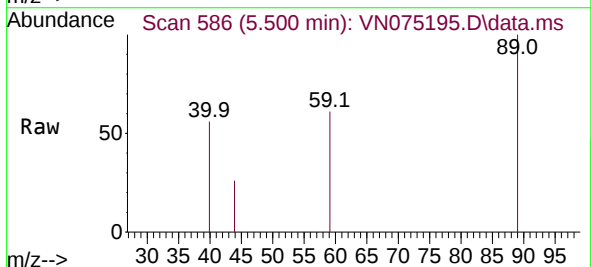
Instrument :
MSVOA_N
ClientSampleId :
TP-1

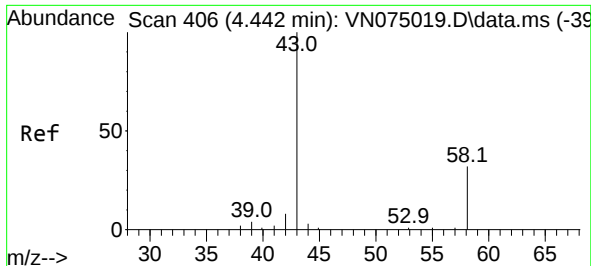
Tgt Ion:168 Resp: 97818
Ion Ratio Lower Upper
168 100
99 66.6 51.6 77.4



#11
Tert butyl alcohol
Concen: 6.435 ug/l
RT: 5.500 min Scan# 586
Delta R.T. -0.042 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 59 Resp: 1978
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

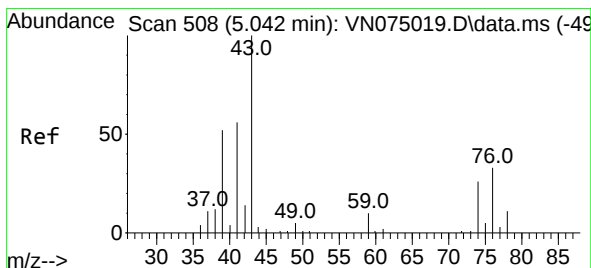
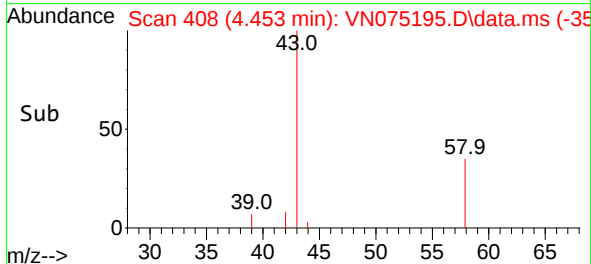
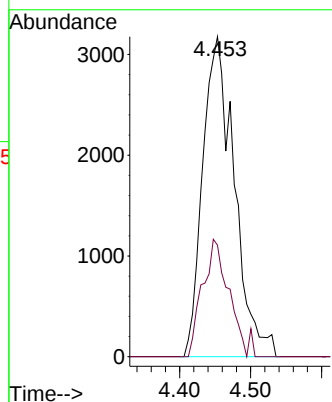
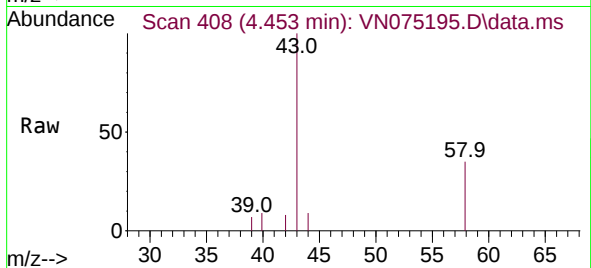




#16
Acetone
Concen: 17.536 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

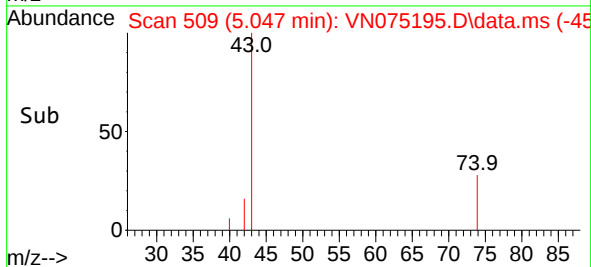
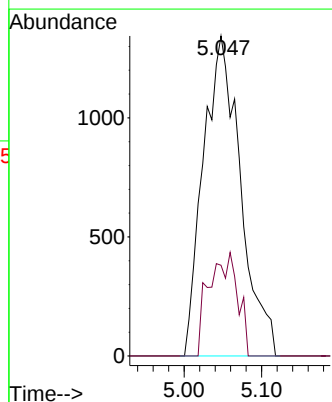
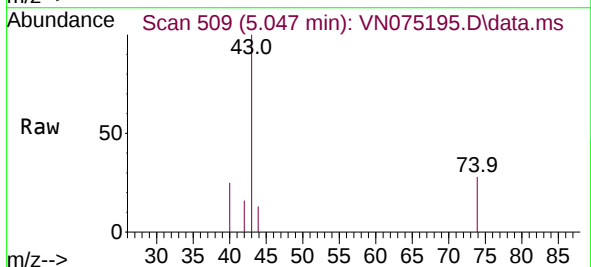
Instrument :
MSVOA_N
ClientSampleId :
TP-1

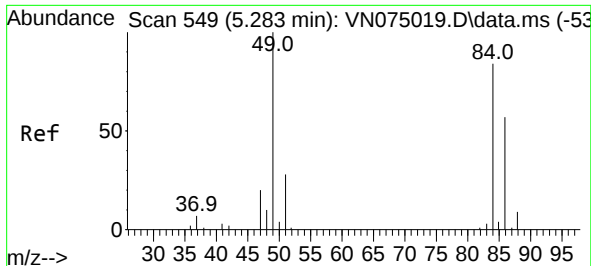
Tgt Ion: 43 Resp: 9786
Ion Ratio Lower Upper
43 100
58 34.9 25.5 38.3



#18
Methyl Acetate
Concen: 2.457 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 43 Resp: 4479
Ion Ratio Lower Upper
43 100
74 25.0 22.0 33.0

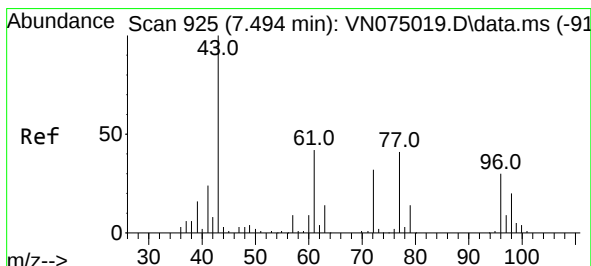
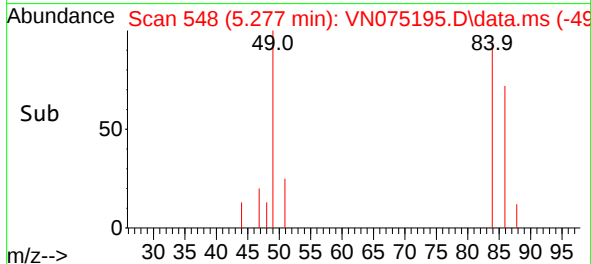
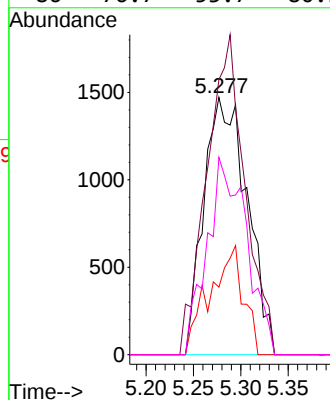
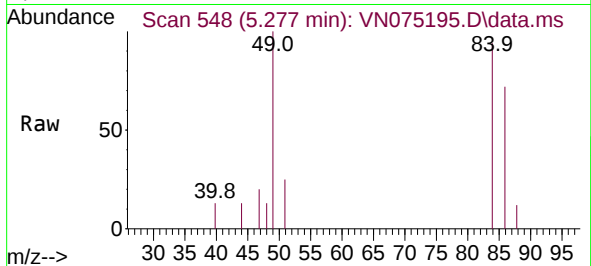




#20
Methylene Chloride
Concen: 3.760 ug/l
RT: 5.277 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

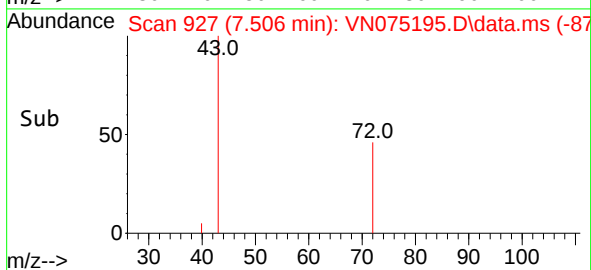
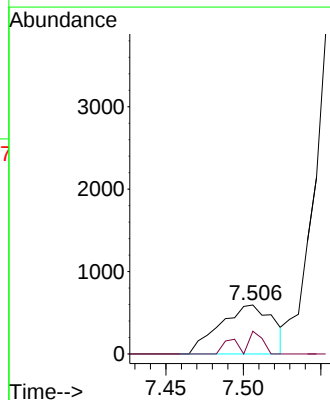
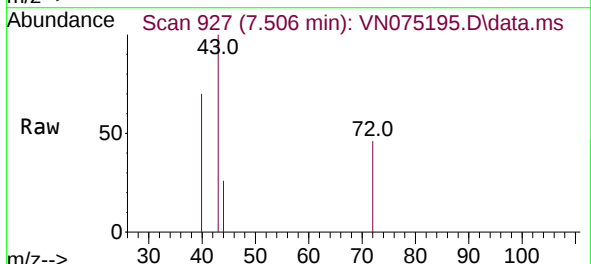
Instrument :
MSVOA_N
ClientSampleId :
TP-1

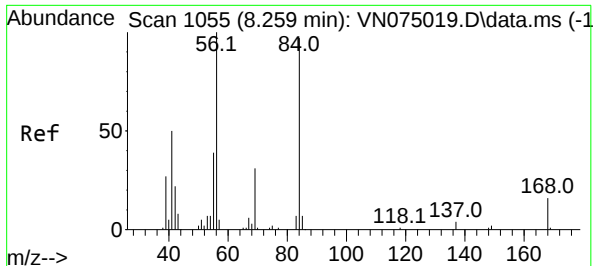
Tgt Ion: 84	Resp: 4678
Ion Ratio	Lower Upper
84 100	
49 106.9	94.9 142.3
51 26.2	26.8 40.2#
86 76.7	53.7 80.5



#25
2-Butanone
Concen: 1.613 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.012 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

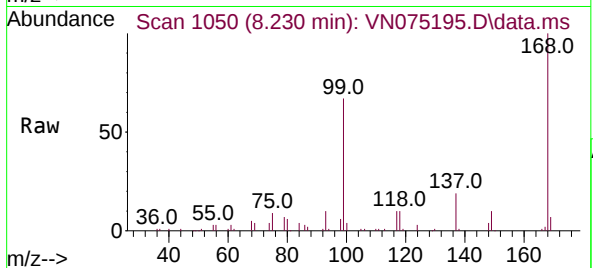
Tgt Ion: 43	Resp: 1416
Ion Ratio	Lower Upper
43 100	
72 46.4	25.5 38.3#



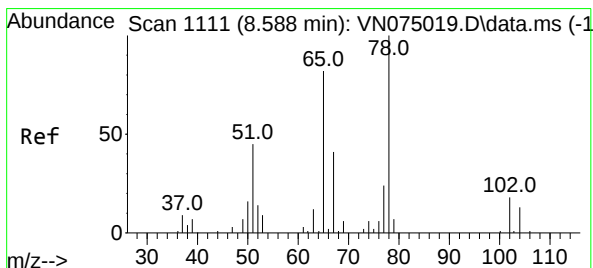
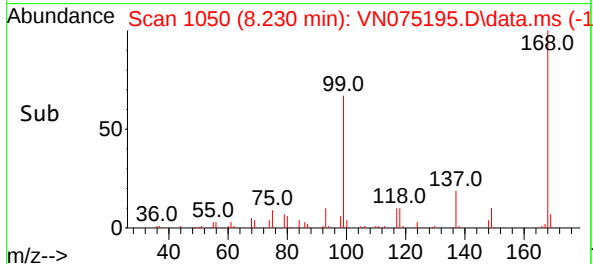
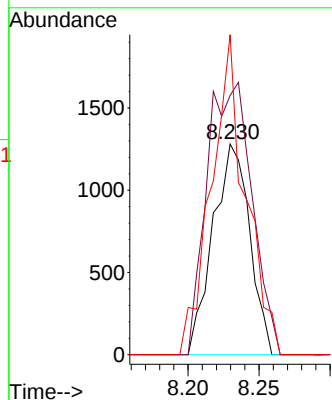


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
TP-1

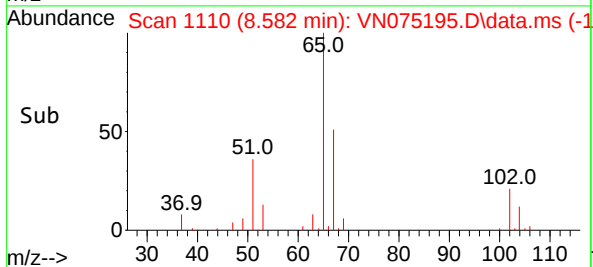
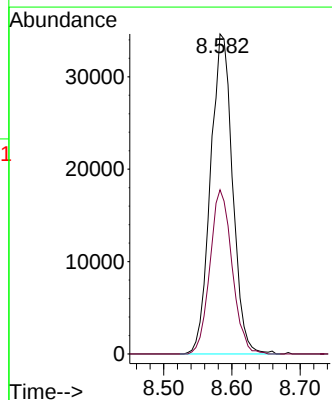
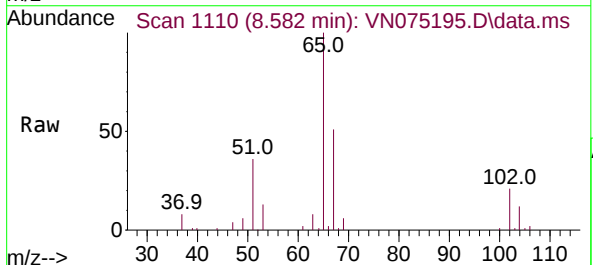


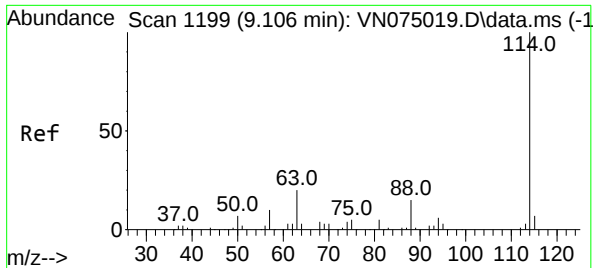
Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
69 122.9 25.2 37.8#
84 151.8 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 59.173 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 65 Resp: 77989
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

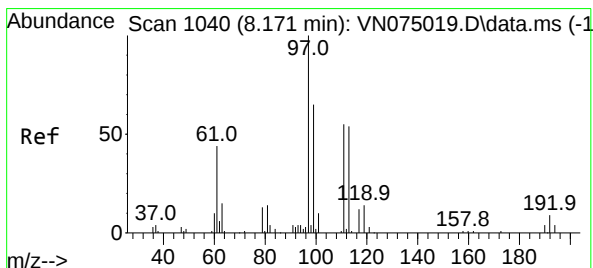
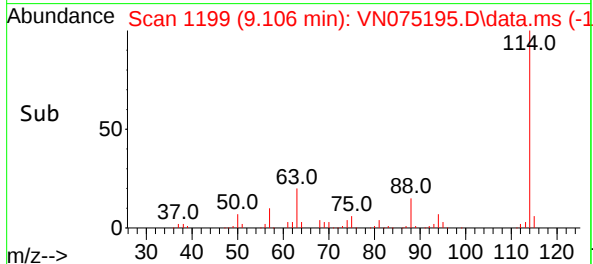
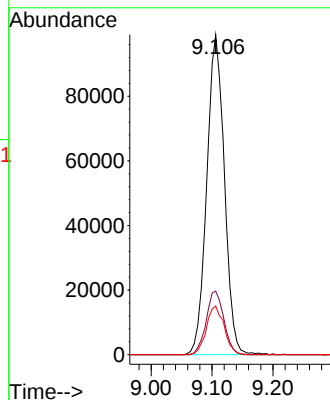
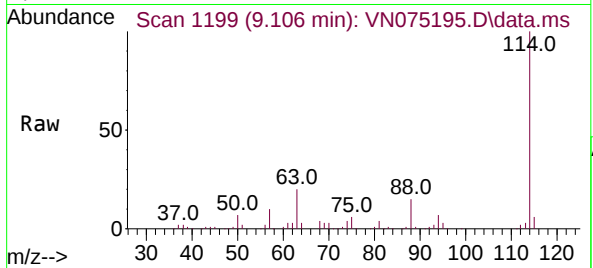




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

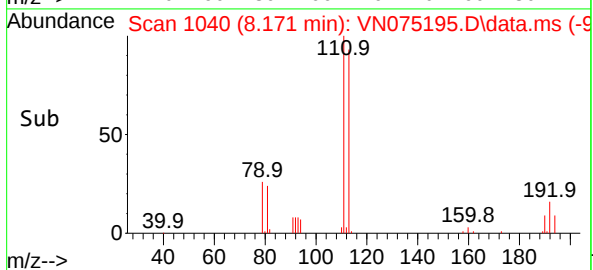
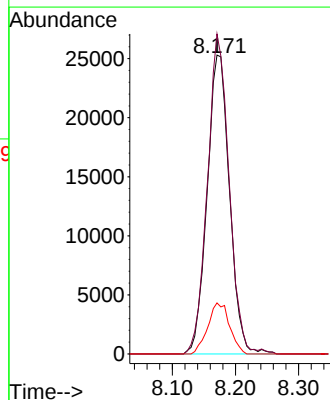
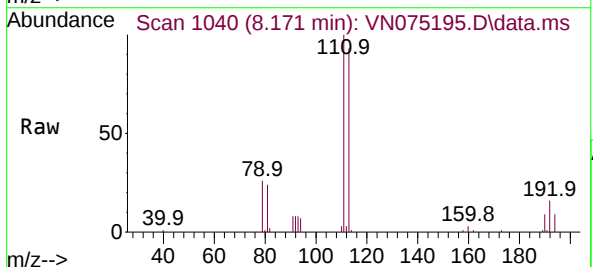
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MSVOA_N
ClientSampleId :
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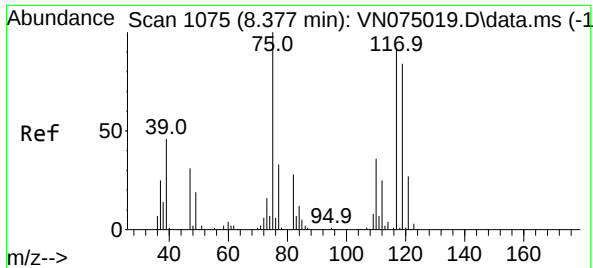
Tgt Ion:114 Resp: 199481
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.228 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion:113 Resp: 62333
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 16.6 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.142 min

Lab File: VN075195.D

Acq: 07 Nov 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

TP-1

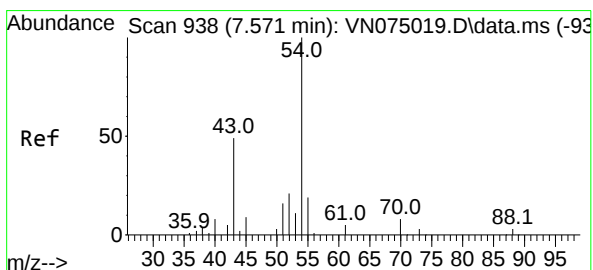
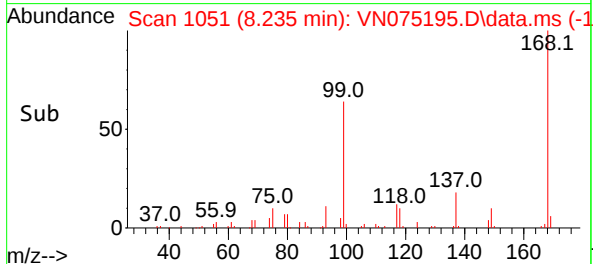
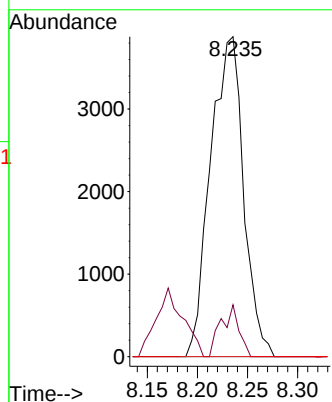
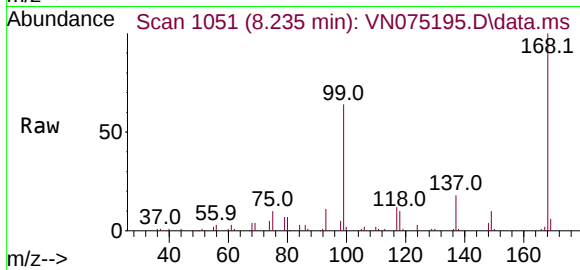
Tgt Ion: 75 Resp: 8881

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 8.880 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN075195.D

Acq: 07 Nov 2022 18:10

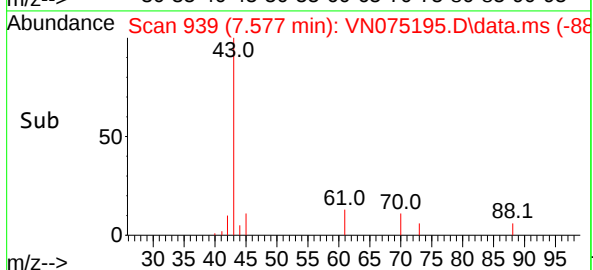
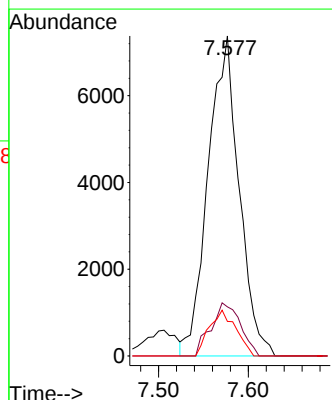
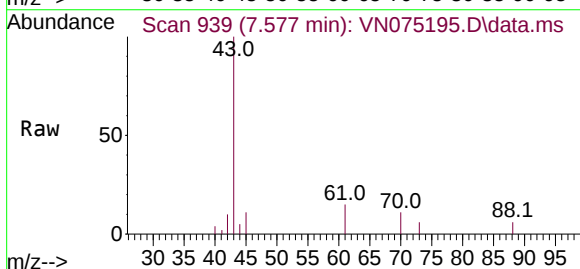
Tgt Ion: 43 Resp: 17655

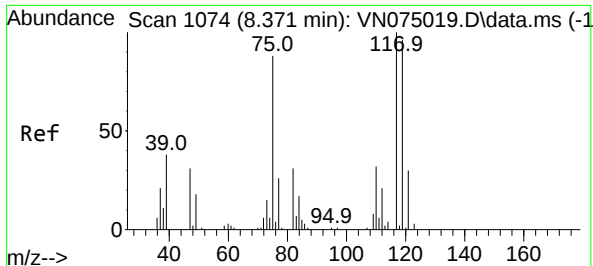
Ion Ratio Lower Upper

43 100

61 15.8 12.2 18.4

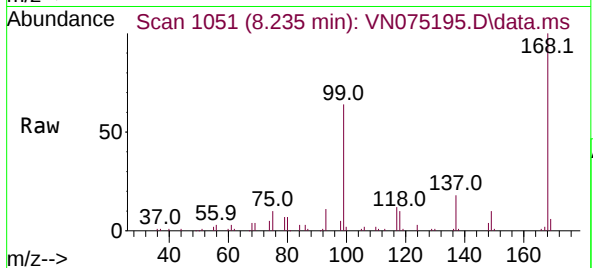
70 12.3 9.4 14.2



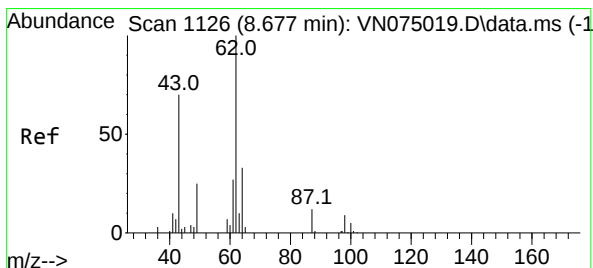
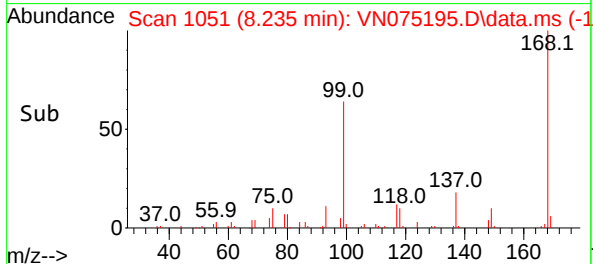
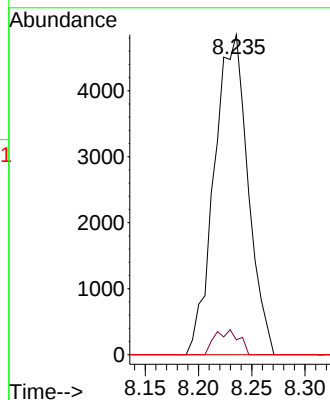


#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 8.235 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Instrument :
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ClientSampleId :
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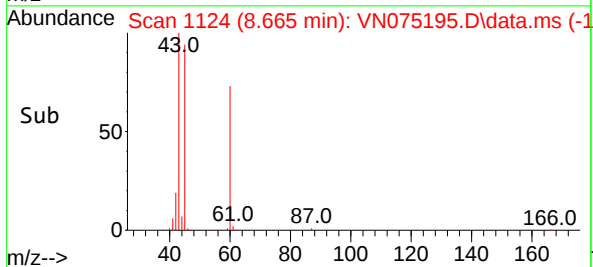
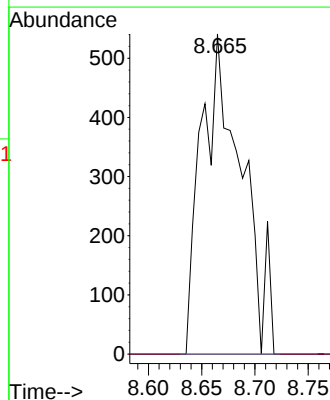
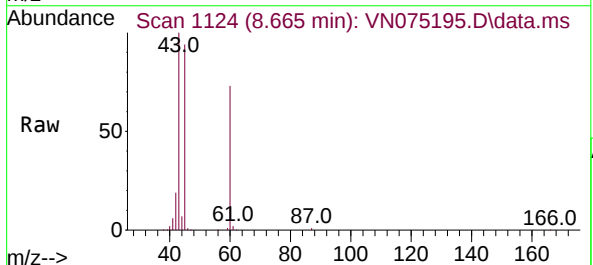


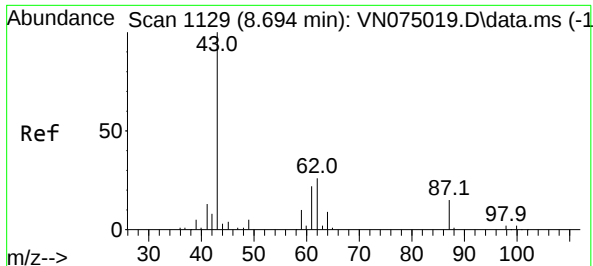
Tgt Ion:117 Resp: 10674
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.704 ug/l
RT: 8.665 min Scan# 1124
Delta R.T. -0.012 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 62 Resp: 1421
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

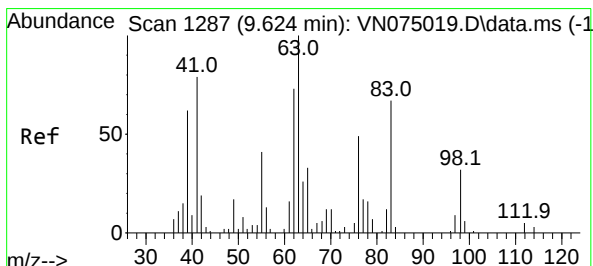
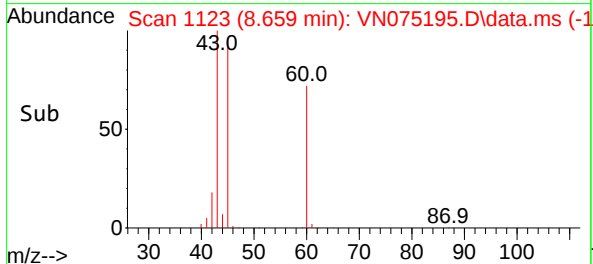
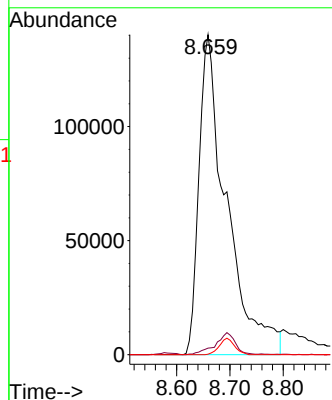
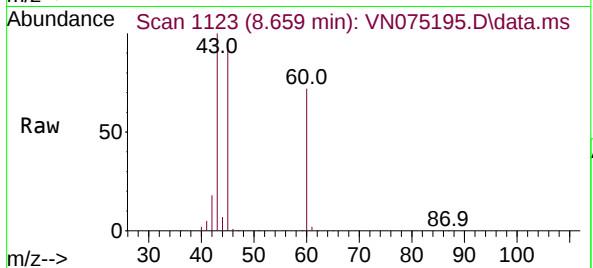




#43
Isopropyl Acetate
Concen: 163.104 ug/l
RT: 8.659 min Scan# 1123
Delta R.T. -0.035 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

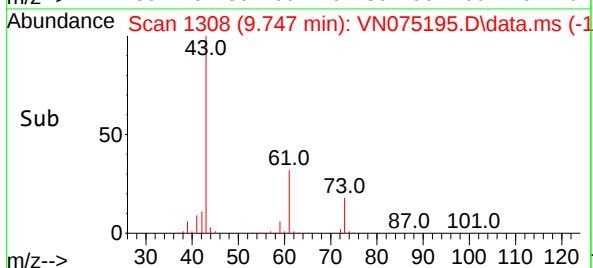
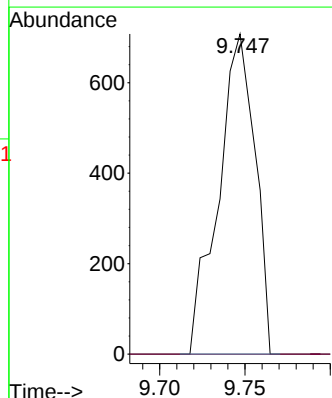
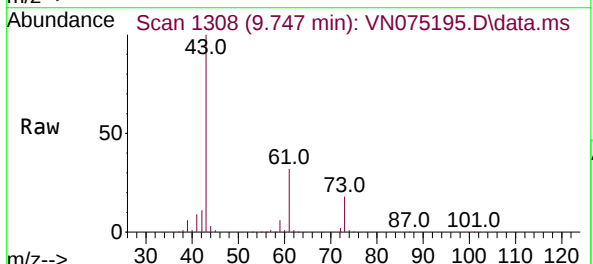
Instrument :
MSVOA_N
ClientSampleId :
TP-1

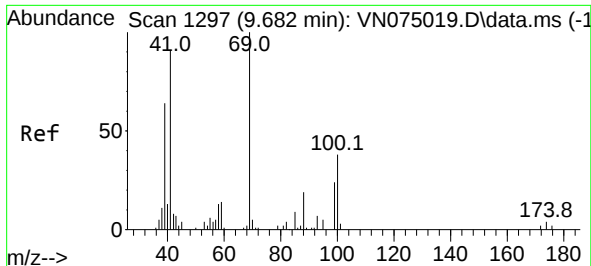
Tgt Ion: 43 Resp: 503028
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.804 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.123 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 63 Resp: 1062
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#





#48

Methyl methacrylate

Concen: 52.596 ug/l

RT: 9.747 min Scan# 1308

Delta R.T. 0.065 min

Lab File: VN075195.D

Acq: 07 Nov 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

TP-1

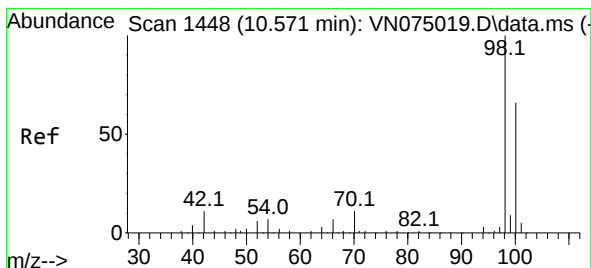
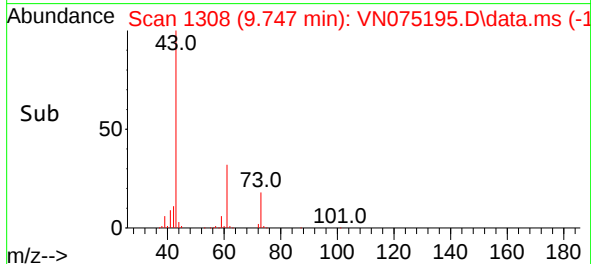
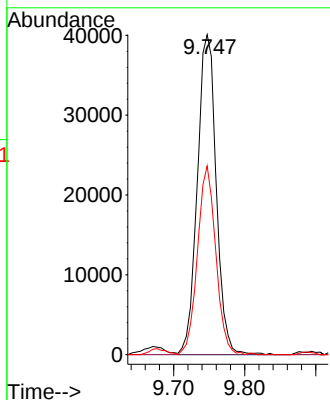
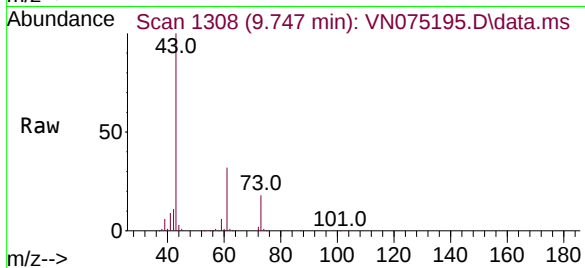
Tgt Ion: 41 Resp: 74409

Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 56.9 56.2 84.2



#50

Toluene-d8

Concen: 53.177 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075195.D

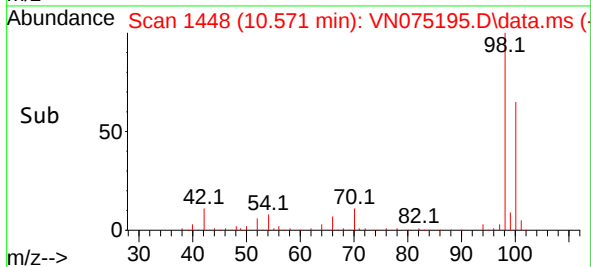
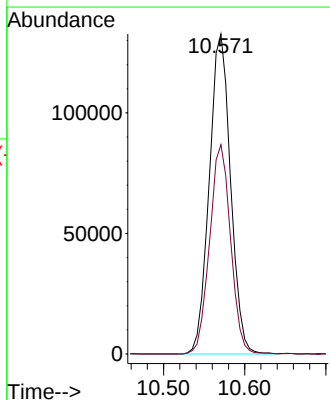
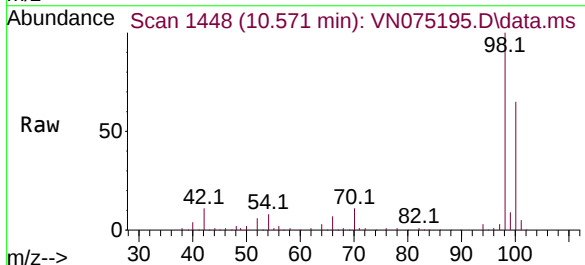
Acq: 07 Nov 2022 18:10

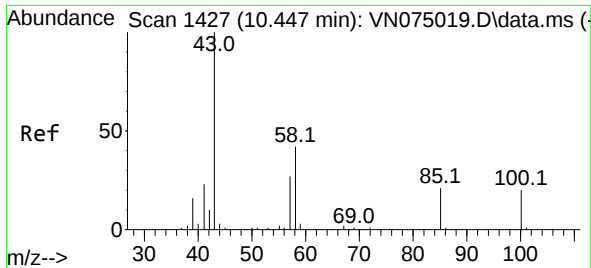
Tgt Ion: 98 Resp: 241604

Ion Ratio Lower Upper

98 100

100 64.4 53.0 79.6

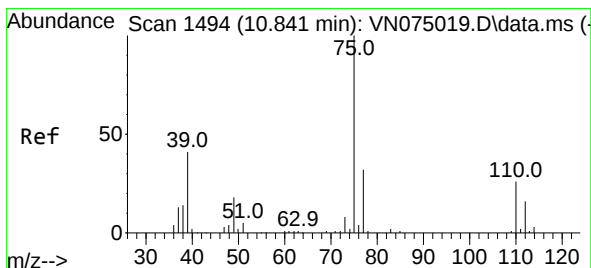
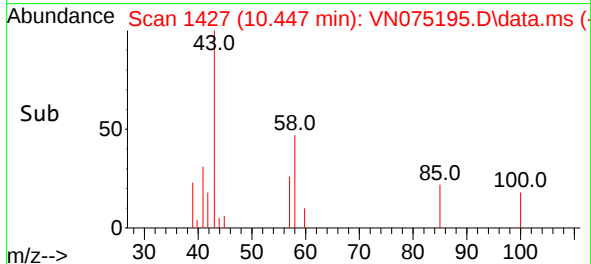
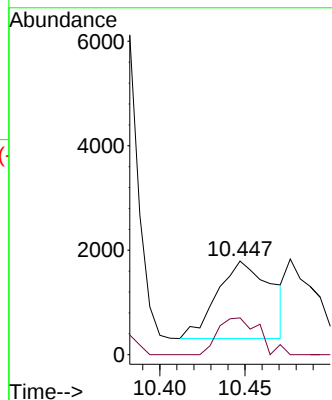
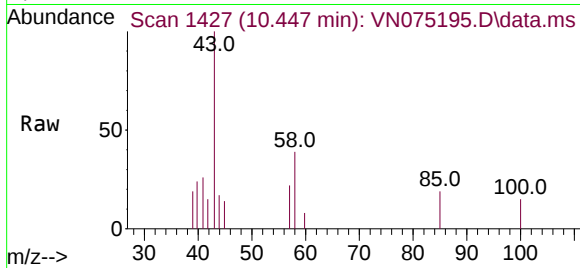




#51
4-Methyl-2-Pentanone
Concen: 1.642 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

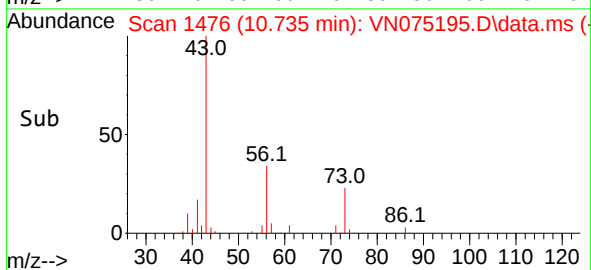
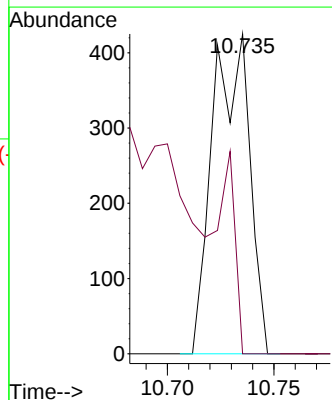
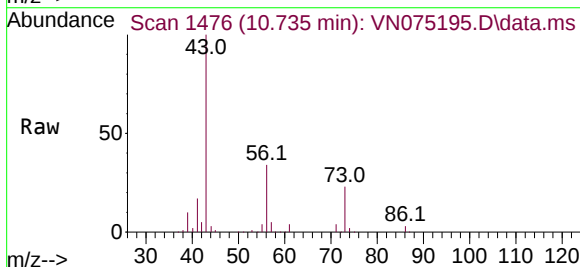
Instrument :
MSVOA_N
ClientSampleId :
TP-1

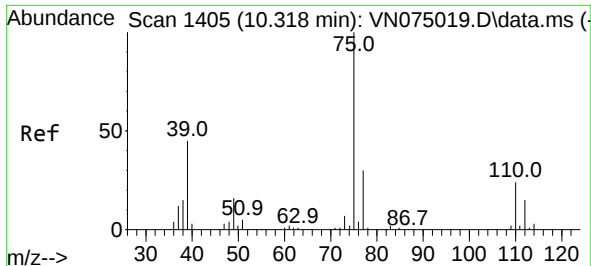
Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 36.5 33.6 50.4



#53
t-1,3-Dichloropropene
Concen: 0.244 ug/l
RT: 10.735 min Scan# 1476
Delta R.T. -0.106 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 75 Resp: 513
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

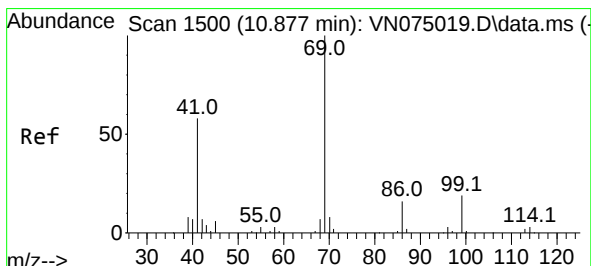
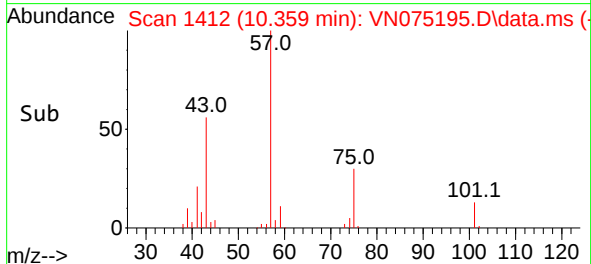
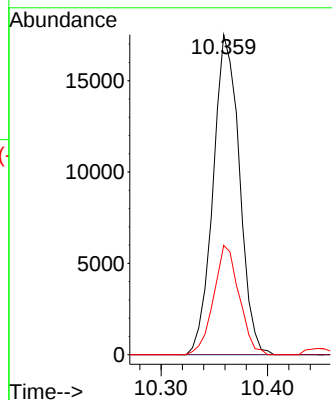
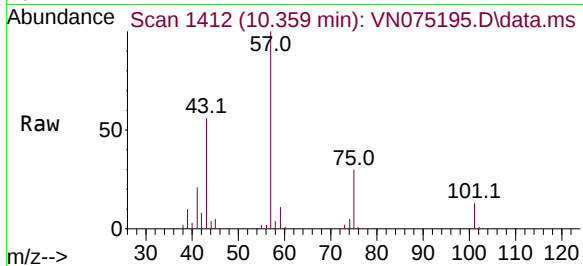




#54
 cis-1,3-Dichloropropene
 Concen: 13.454 ug/l
 RT: 10.359 min Scan# 1405
 Delta R.T. 0.041 min
 Lab File: VN075195.D
 Acq: 07 Nov 2022 18:10

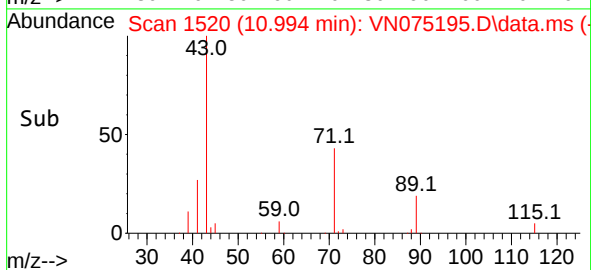
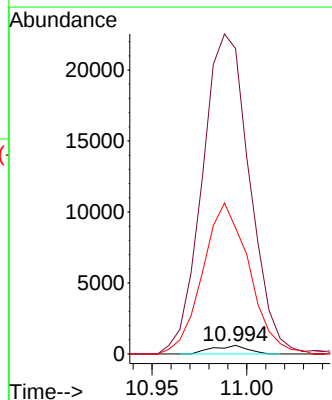
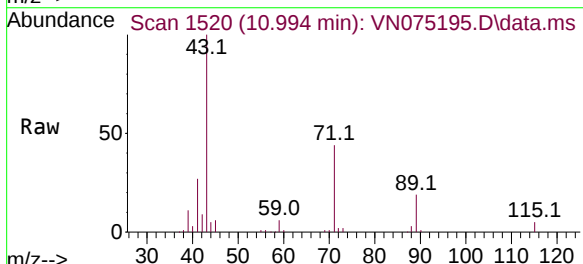
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

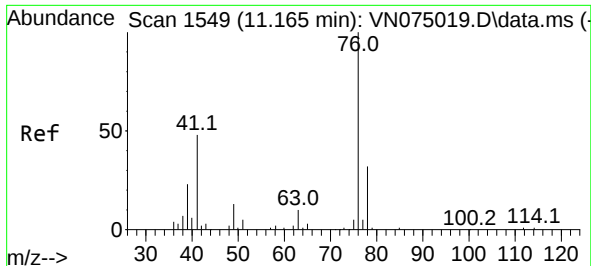
Tgt Ion: 75 Resp: 30021
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 34.1 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.345 ug/l
 RT: 10.994 min Scan# 1520
 Delta R.T. 0.117 min
 Lab File: VN075195.D
 Acq: 07 Nov 2022 18:10

Tgt Ion: 69 Resp: 775
 Ion Ratio Lower Upper
 69 100
 41 5090.1 45.6 68.4#
 39 2352.0 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.682 ug/l

RT: 11.206 min Scan# 1556

Delta R.T. 0.041 min

Lab File: VN075195.D

Acq: 07 Nov 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

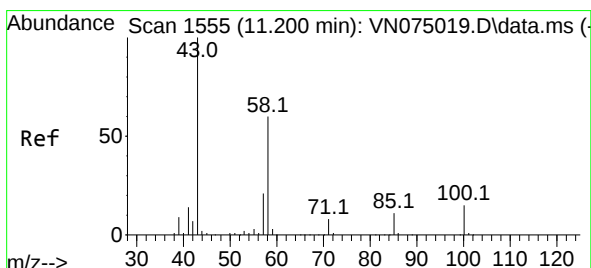
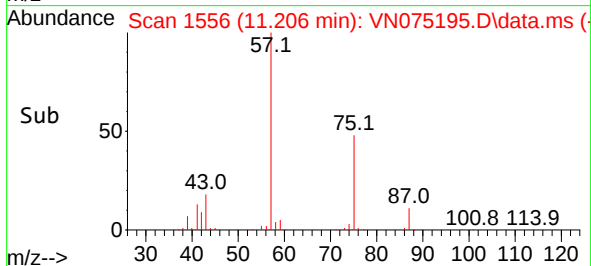
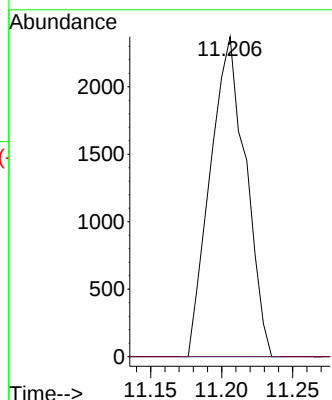
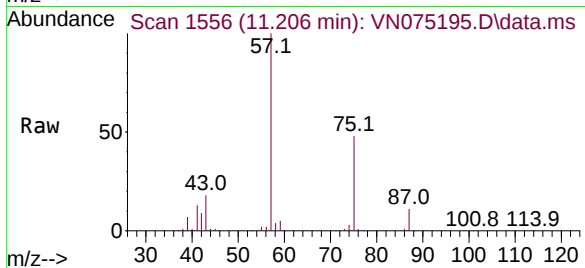
TP-1

Tgt Ion: 76 Resp: 4121

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 39.278 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. -0.029 min

Lab File: VN075195.D

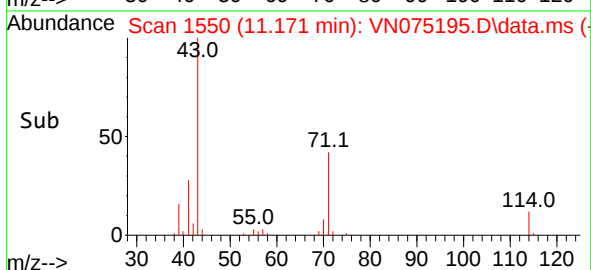
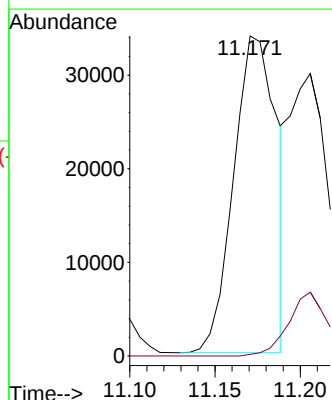
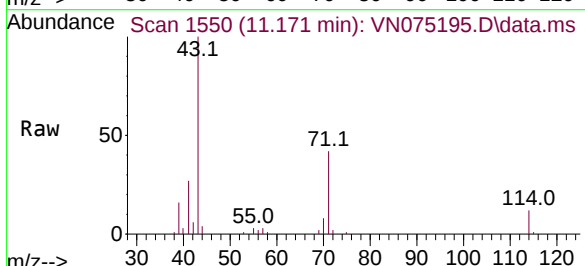
Acq: 07 Nov 2022 18:10

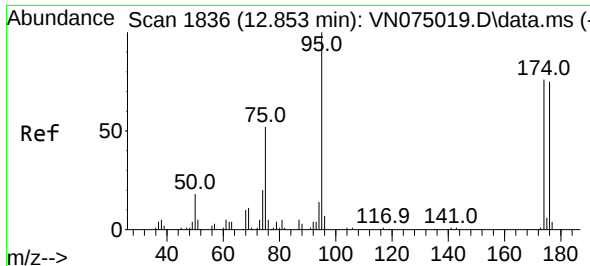
Tgt Ion: 43 Resp: 59329

Ion Ratio Lower Upper

43 100

58 0.0 29.6 88.8#

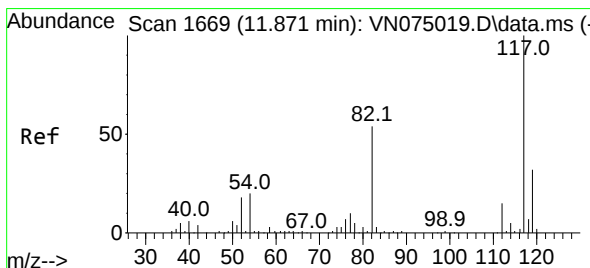
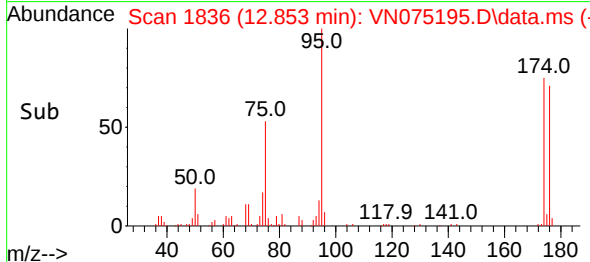
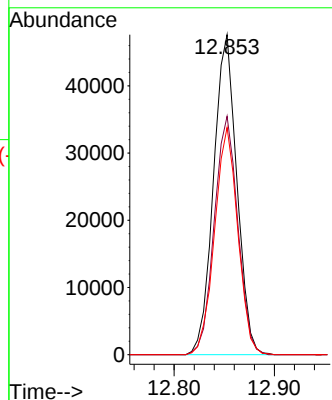
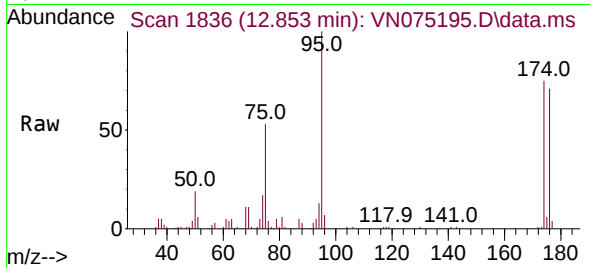




#62
4-Bromofluorobenzene
Concen: 48.194 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

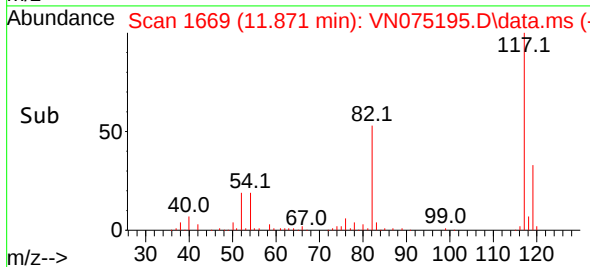
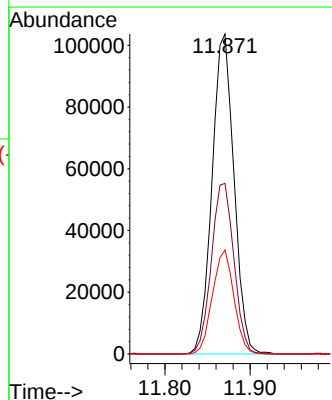
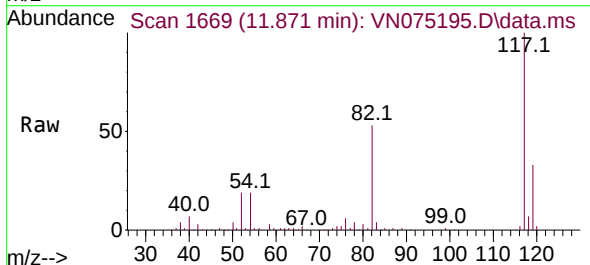
Instrument :
MSVOA_N
ClientSampleId :
TP-1

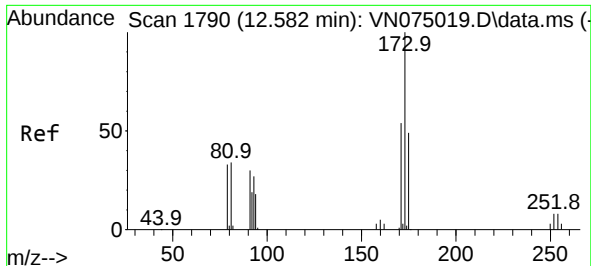
Tgt Ion: 95 Resp: 76917
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 70.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 117 Resp: 185335
Ion Ratio Lower Upper
117 100
82 53.3 43.1 64.7
119 32.5 25.5 38.3

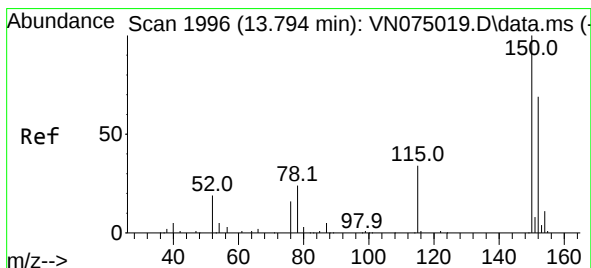
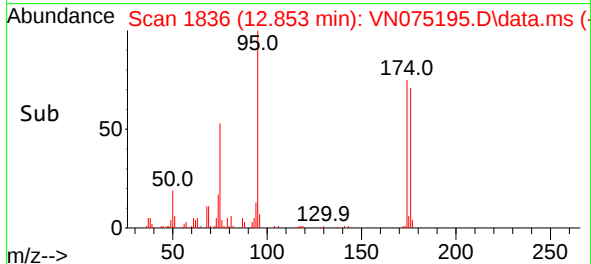
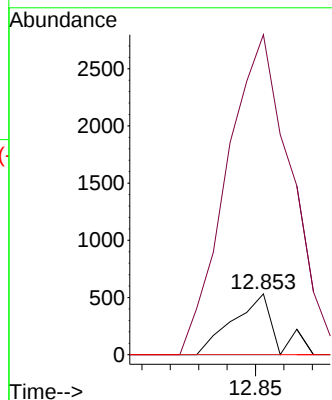
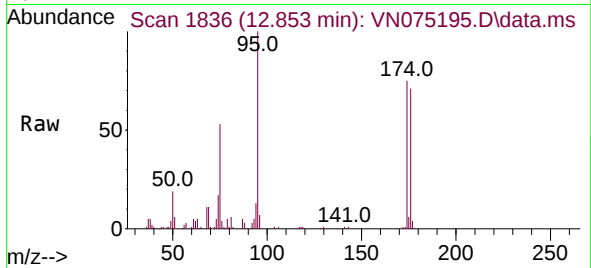




#71
Bromoform
Concen: 0.436 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

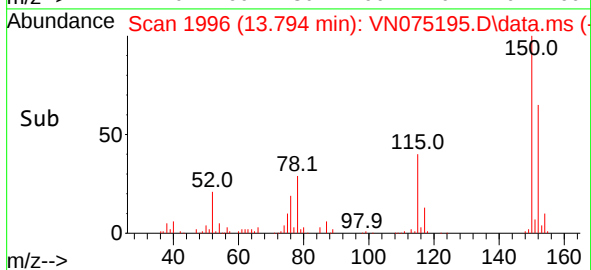
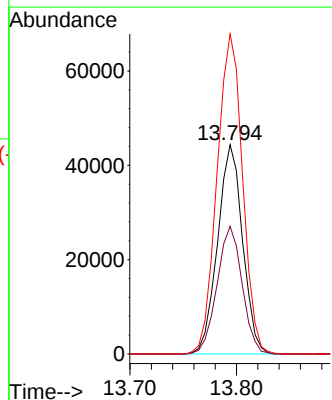
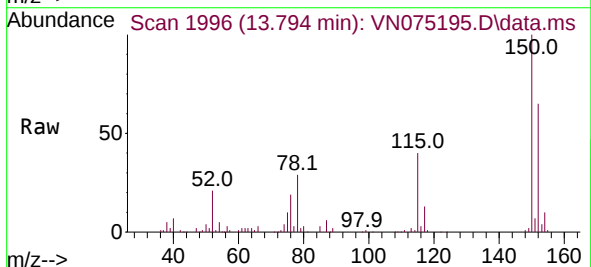
Instrument :
MSVOA_N
ClientSampleId :
TP-1

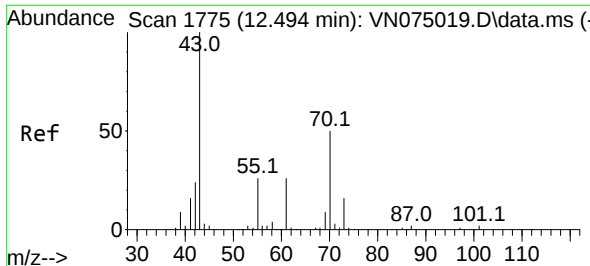
Tgt Ion:173 Resp: 479
Ion Ratio Lower Upper
173 100
175 756.8 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion:152 Resp: 72126
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 156.2 0.0 348.4

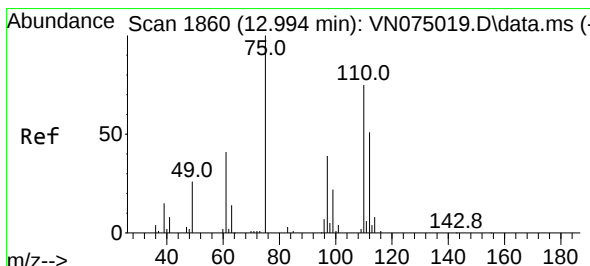
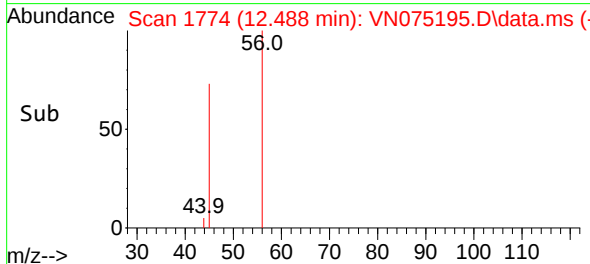
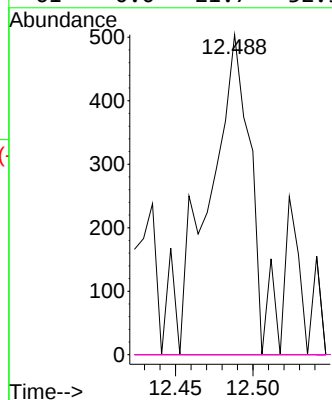
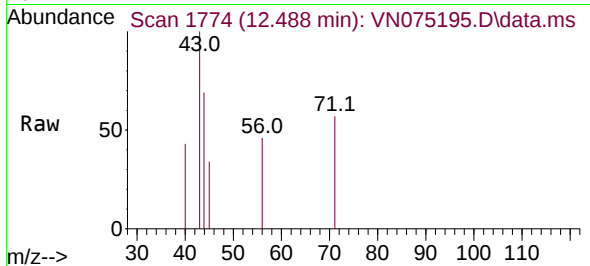




#74
N-amy1 acetate
Concen: 0.441 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

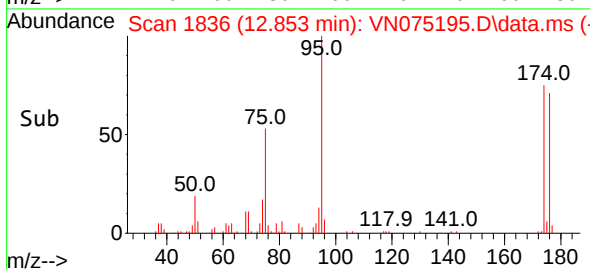
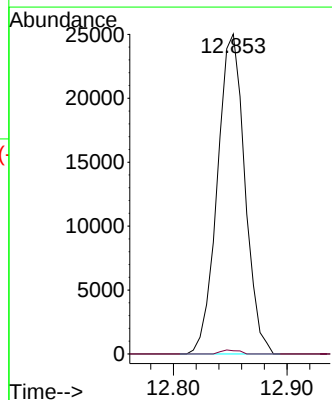
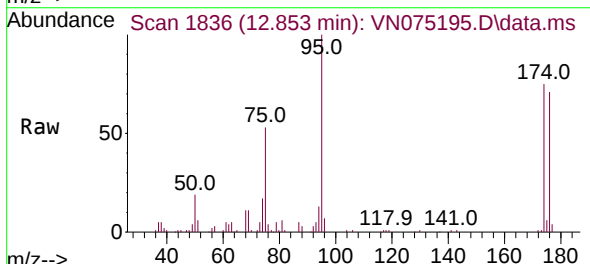
Instrument :
MSVOA_N
ClientSampleId :
TP-1

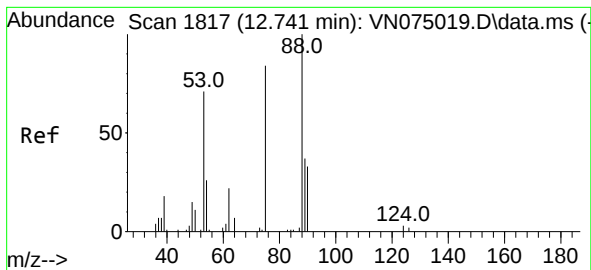
Tgt Ion: 43	Resp:	944
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.8 59.8#
55	0.0	19.9 29.9#
61	0.0	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 27.461 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075195.D
Acq: 07 Nov 2022 18:10

Tgt Ion: 75	Resp:	42055
Ion	Ratio	Lower Upper
75	100	
77	0.8	75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.493 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075195.D
 Acq: 07 Nov 2022 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion: 75 Resp: 42055
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

