

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077642.D
 Acq On : 09 May 2023 19:20
 Operator : JC\MD
 Sample : 02652-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLAY-LINER

Quant Time: May 10 04:50:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

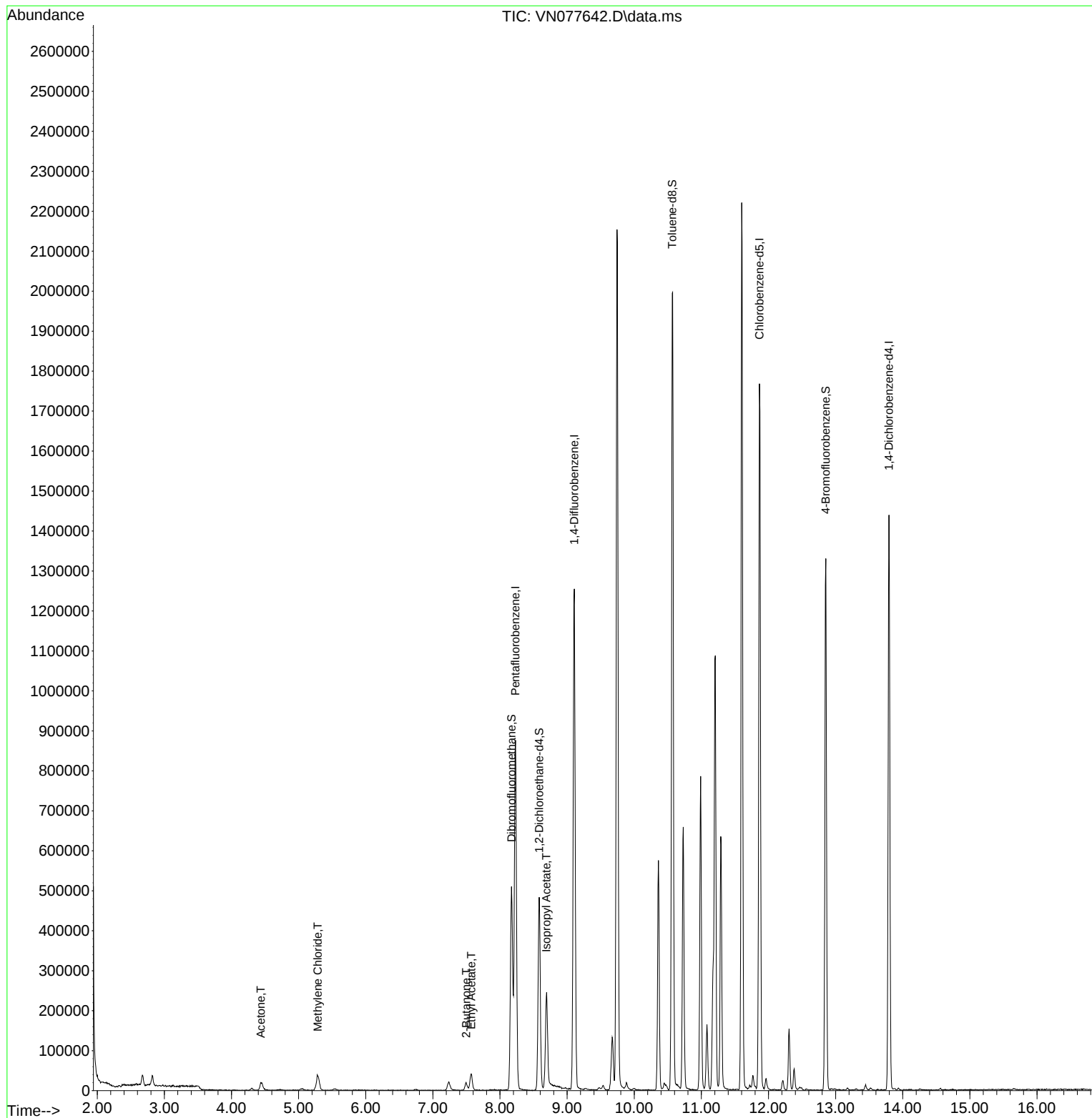
Internal Standards						
1) Pentafluorobenzene	8.230	168	654004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1166593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1126525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	408973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	404945	48.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	8.172	113	367383	50.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.980%		
50) Toluene-d8	10.566	98	1509508	54.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.600%		
62) 4-Bromofluorobenzene	12.854	95	474741	50.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.920%		
Target Compounds						
16) Acetone	4.437	43	33765	17.143	ug/l #	85
20) Methylene Chloride	5.284	84	31774	3.893	ug/l #	80
25) 2-Butanone	7.495	43	26394	9.168	ug/l	89
37) Ethyl Acetate	7.572	43	58124	10.124	ug/l	97
43) Isopropyl Acetate	8.689	43	279037	27.720	ug/l #	89

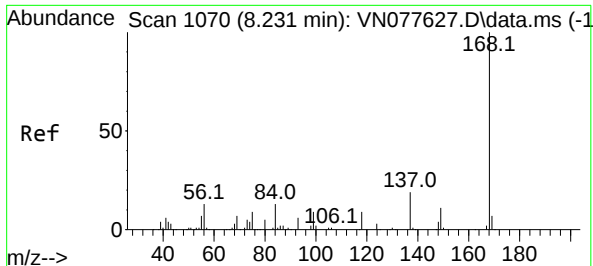
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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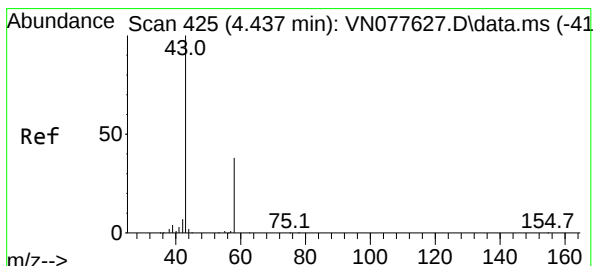
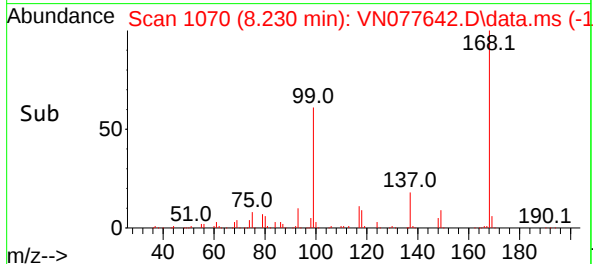
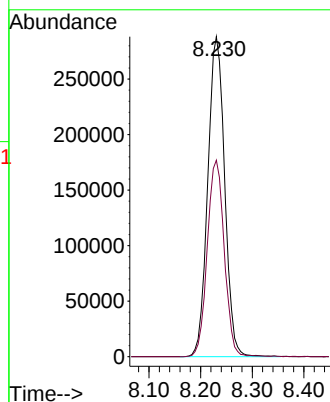
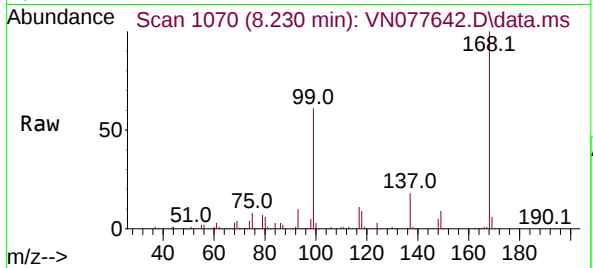




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077642.D
Acq: 09 May 2023 19:20

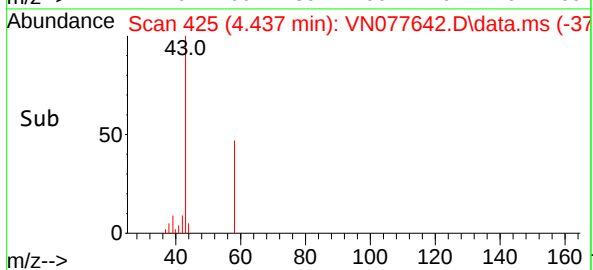
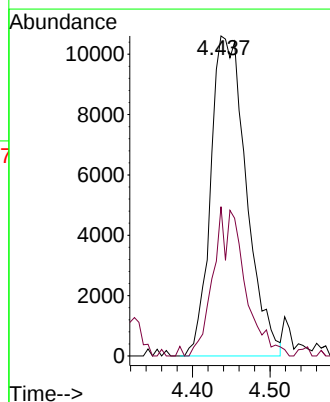
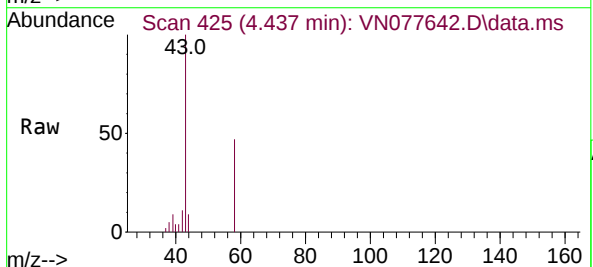
Instrument :
MSVOA_N
ClientSampleId :
CLAY-LINER

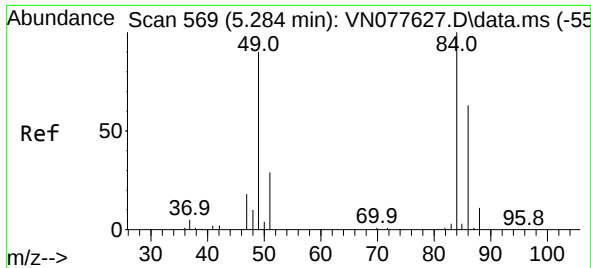
Tgt Ion:168 Resp: 654004
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 17.143 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077642.D
Acq: 09 May 2023 19:20

Tgt Ion: 43 Resp: 33765
Ion Ratio Lower Upper
43 100
58 43.8 28.0 42.0#

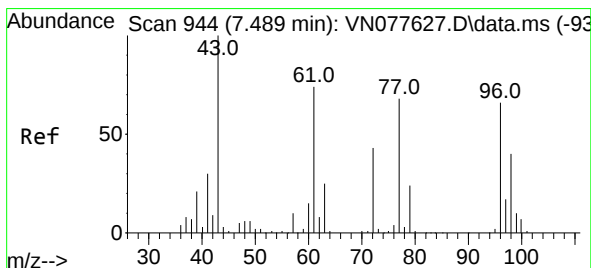
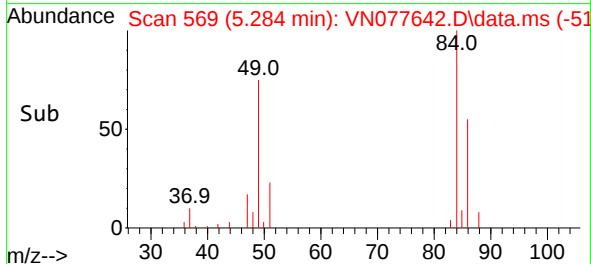
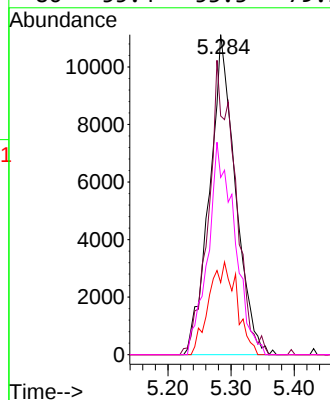
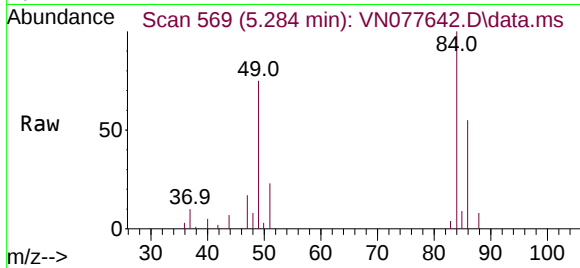




#20
Methylene Chloride
Concen: 3.893 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077642.D
Acq: 09 May 2023 19:20

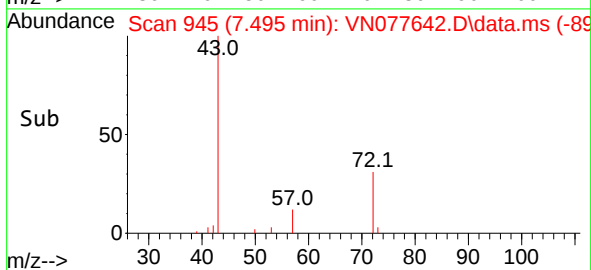
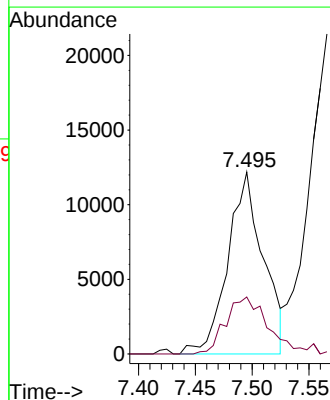
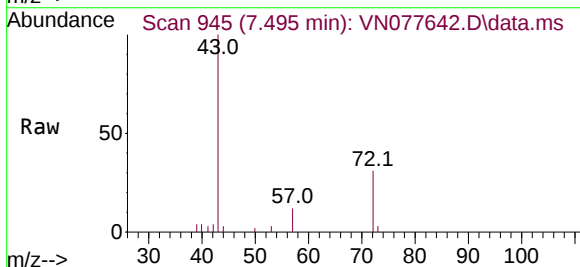
Instrument :
MSVOA_N
ClientSampleId :
CLAY-LINER

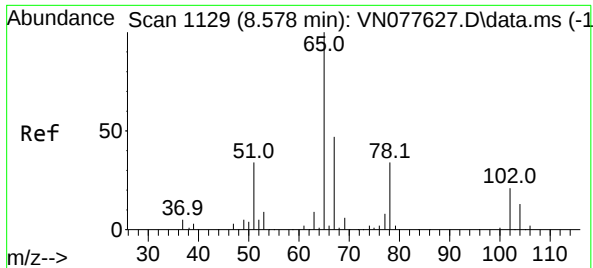
Tgt Ion:	84	Resp:	31774
Ion	Ratio	Lower	Upper
84	100		
49	74.6	79.7	119.5#
51	22.5	25.2	37.8#
86	55.4	53.3	79.9



#25
2-Butanone
Concen: 9.168 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077642.D
Acq: 09 May 2023 19:20

Tgt Ion:	43	Resp:	26394
Ion	Ratio	Lower	Upper
43	100		
72	31.3	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 48.822 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077642.D

Acq: 09 May 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

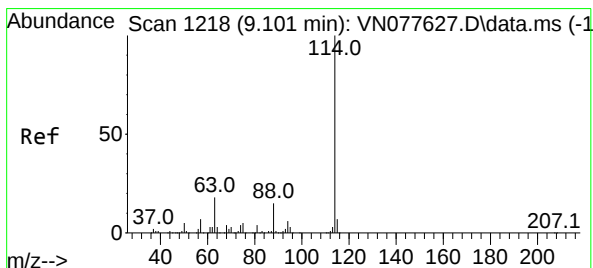
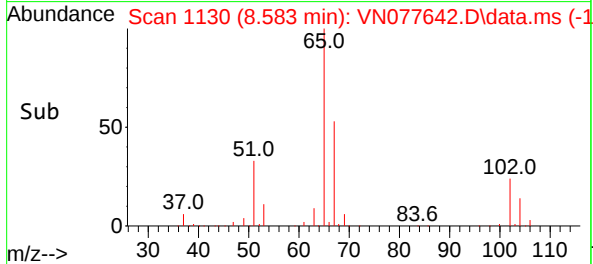
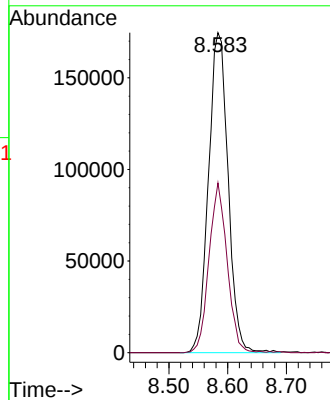
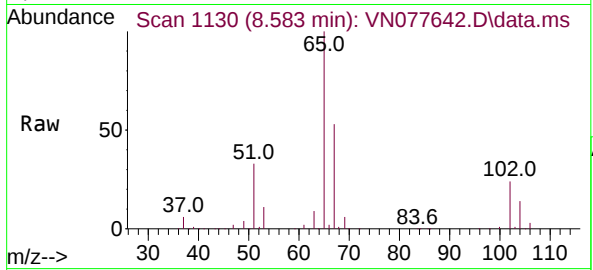
CLAY-LINER

Tgt Ion: 65 Resp: 404945

Ion Ratio Lower Upper

65 100

67 49.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077642.D

Acq: 09 May 2023 19:20

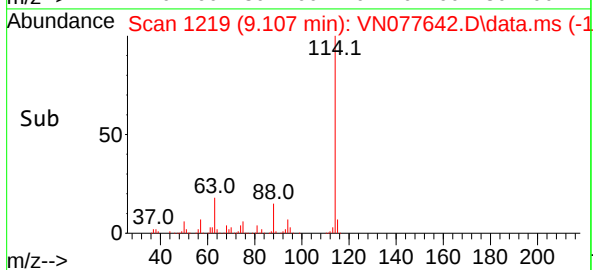
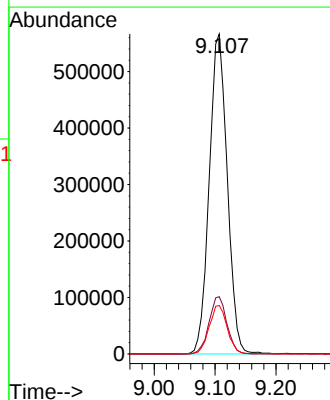
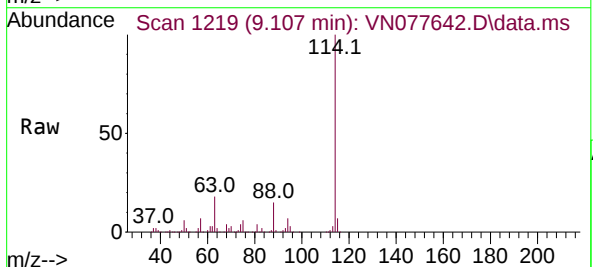
Tgt Ion: 114 Resp: 1166593

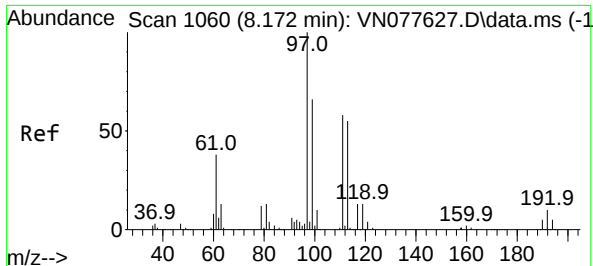
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.494 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077642.D

Acq: 09 May 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

CLAY-LINER

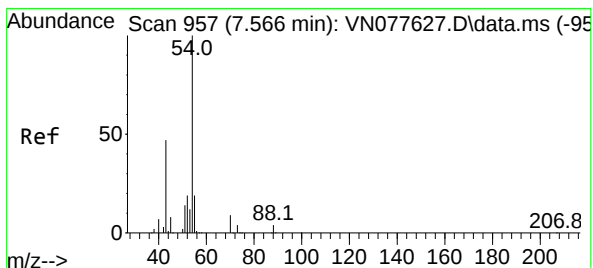
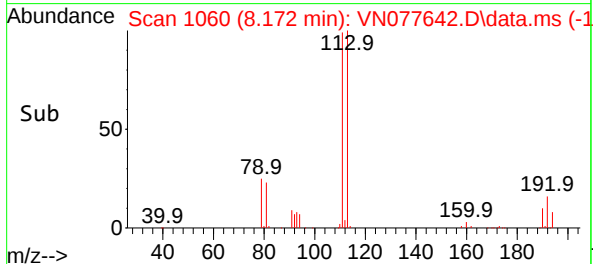
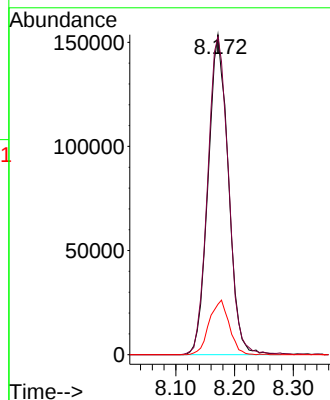
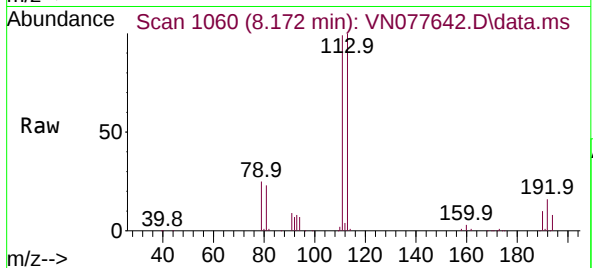
Tgt Ion:113 Resp: 367383

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.8 12.7 19.1



#37

Ethyl Acetate

Concen: 10.124 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077642.D

Acq: 09 May 2023 19:20

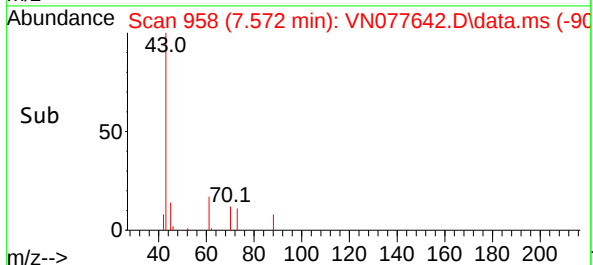
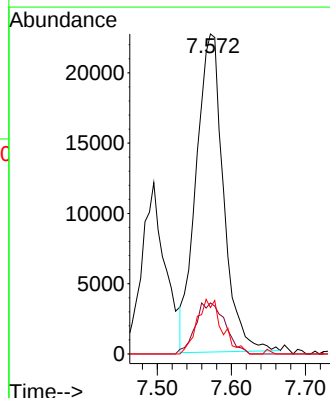
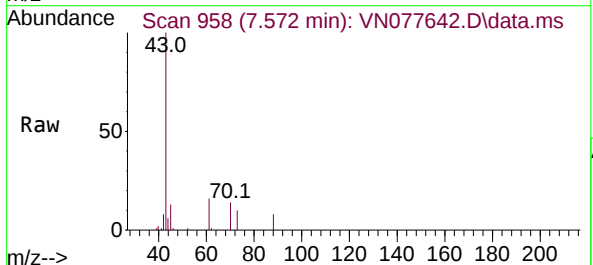
Tgt Ion: 43 Resp: 58124

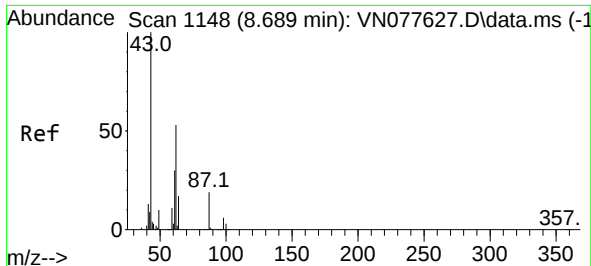
Ion Ratio Lower Upper

43 100

61 17.6 13.2 19.8

70 15.7 11.3 16.9





#43

Isopropyl Acetate

Concen: 27.720 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VN077642.D

Acq: 09 May 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

CLAY-LINER

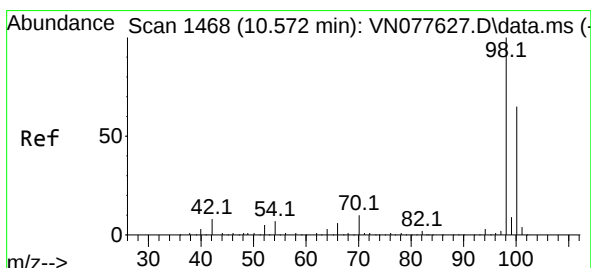
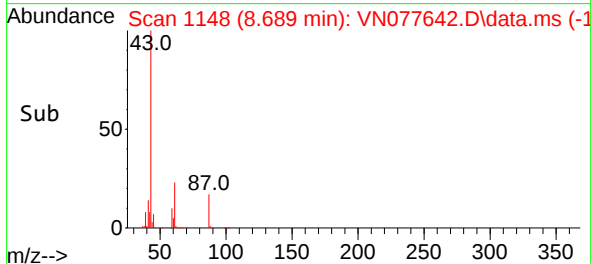
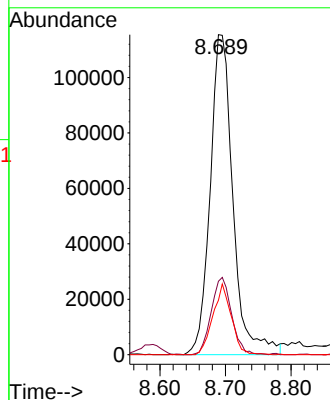
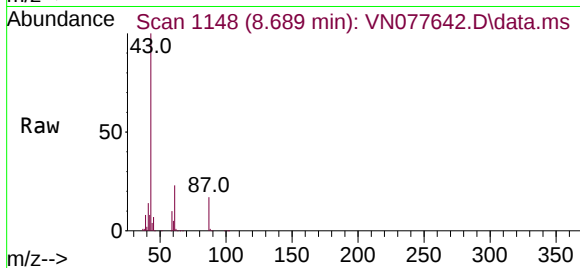
Tgt Ion: 43 Resp: 279037

Ion Ratio Lower Upper

43 100

61 21.5 24.7 37.1#

87 17.8 14.6 21.8



#50

Toluene-d8

Concen: 54.799 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077642.D

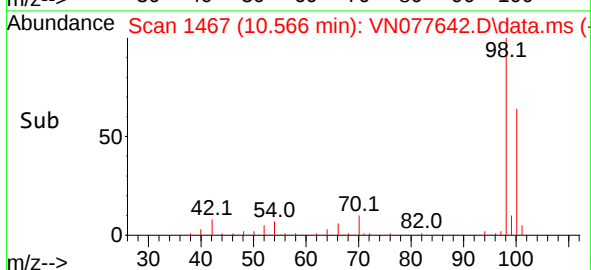
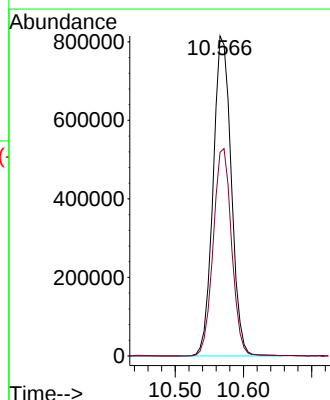
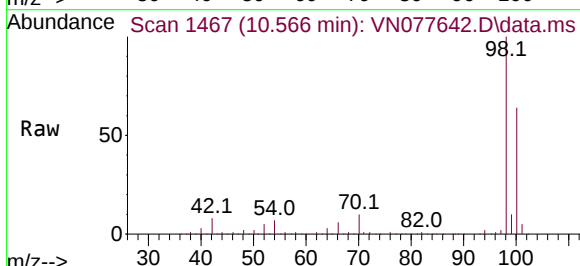
Acq: 09 May 2023 19:20

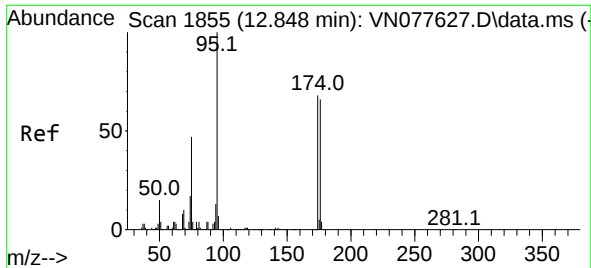
Tgt Ion: 98 Resp: 1509508

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

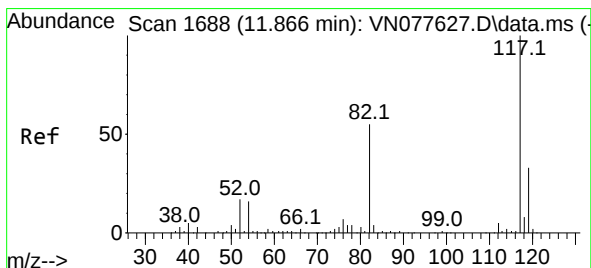
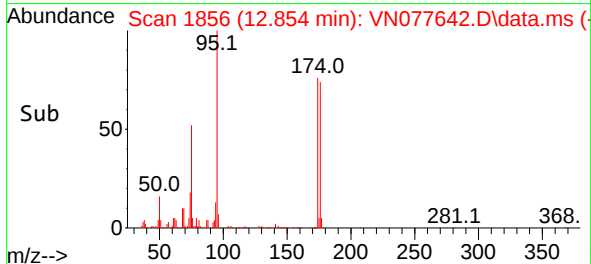
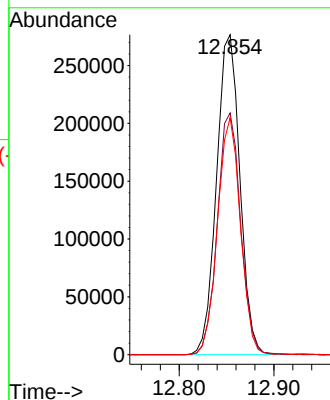
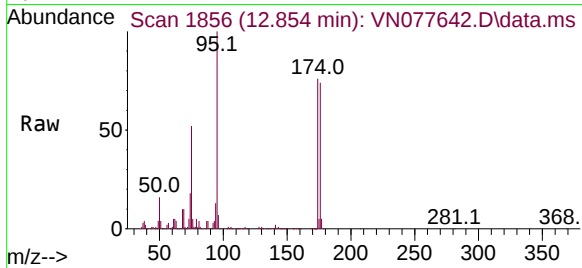




#62
4-Bromofluorobenzene
Concen: 50.955 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077642.D
Acq: 09 May 2023 19:20

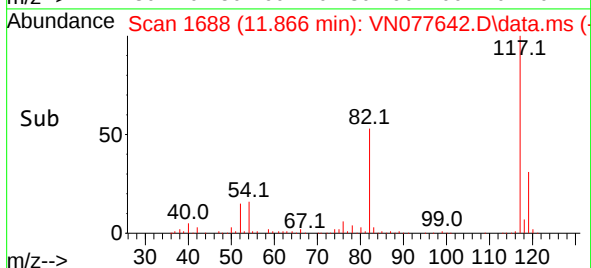
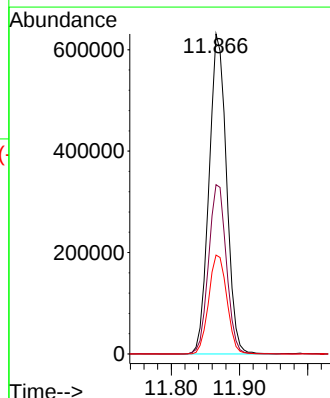
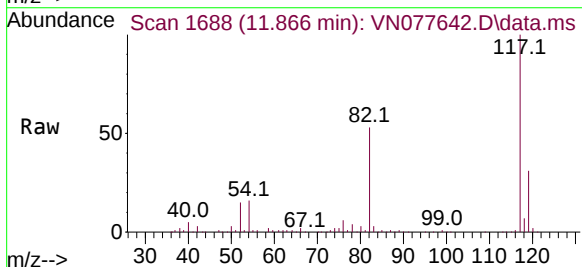
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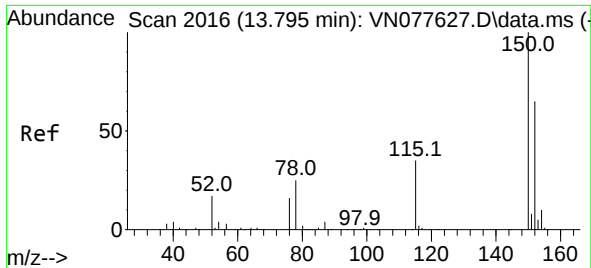
Tgt Ion: 95 Resp: 474741
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077642.D
Acq: 09 May 2023 19:20

Tgt Ion: 117 Resp: 1126525
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 30.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077642.D

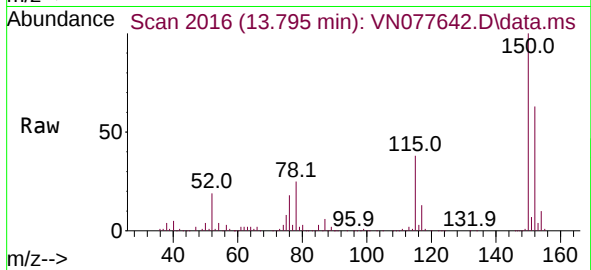
Acq: 09 May 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

CLAY-LINER



Tgt Ion:152 Resp: 408973

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 158.8 0.0 355.8

