

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077641.D
 Acq On : 09 May 2023 18:56
 Operator : JC\MD
 Sample : 02693-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-IDW-S-05042023

Quant Time: May 10 04:50:09 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)

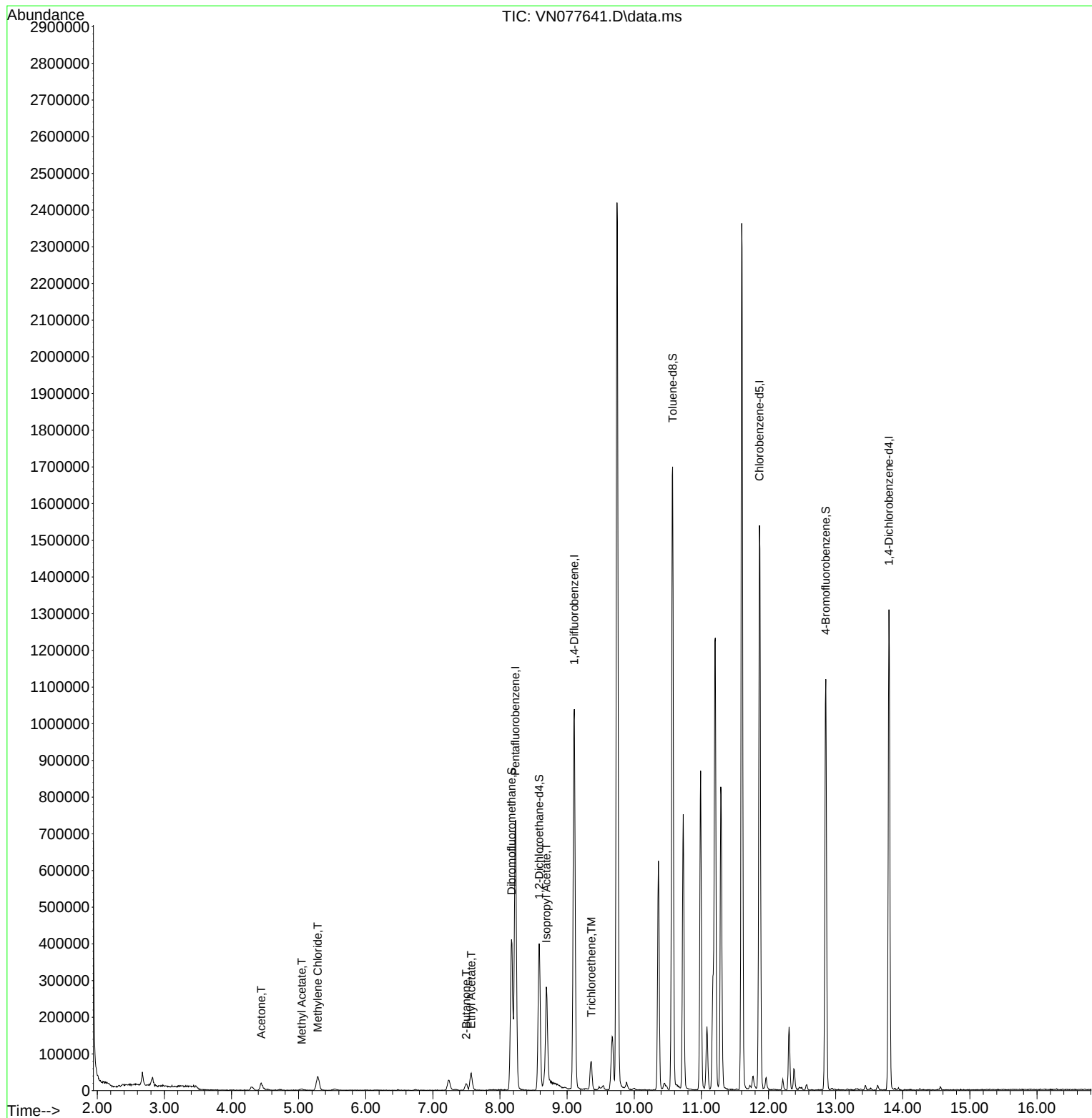
Internal Standards						
1) Pentafluorobenzene	8.231	168	544946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	977766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	980816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	355773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	331187	47.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.840%
35) Dibromofluoromethane	8.172	113	302949	49.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.572	98	1257209	54.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.900%
62) 4-Bromofluorobenzene	12.854	95	419613	53.736	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	34657	21.117	ug/l #	88
18) Methyl Acetate	5.048	43	8457	1.300	ug/l	95
20) Methylene Chloride	5.284	84	34147	5.021	ug/l #	82
25) 2-Butanone	7.495	43	25827	10.767	ug/l #	86
37) Ethyl Acetate	7.572	43	64170	13.335	ug/l #	93
43) Isopropyl Acetate	8.689	43	334272	39.621	ug/l #	85
44) Trichloroethene	9.360	130	30564	4.570	ug/l	88

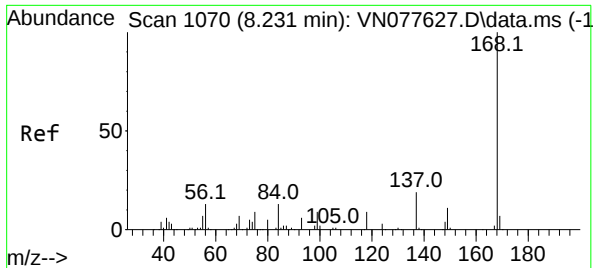
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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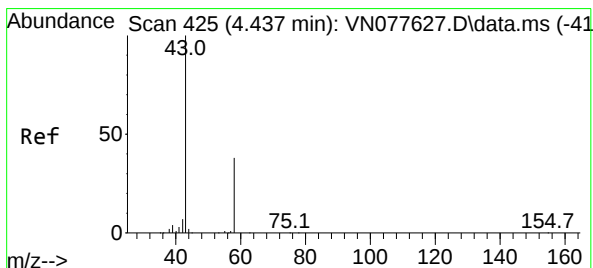
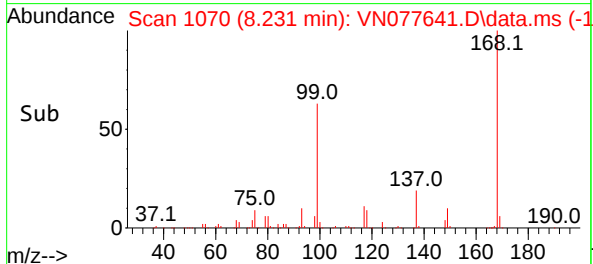
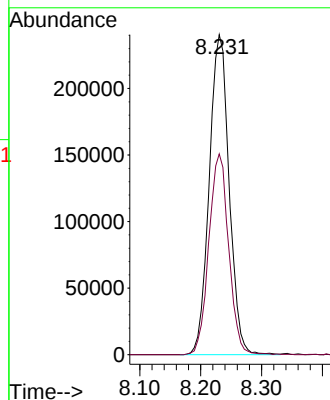
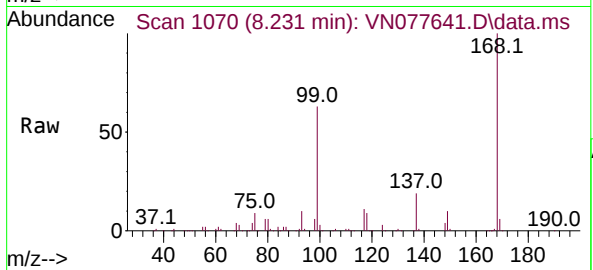




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

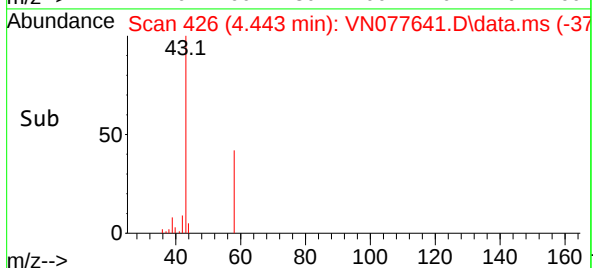
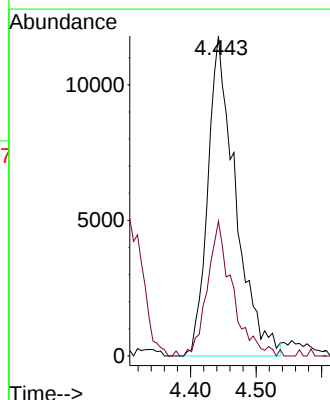
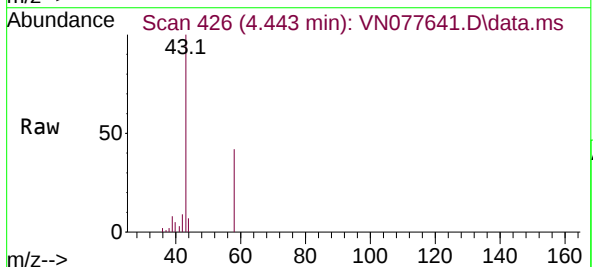
Instrument :
MSVOA_N
ClientSampleId :
FSND-IDW-S-05042023

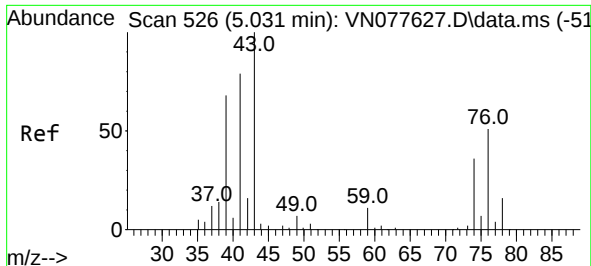
Tgt Ion:168 Resp: 544946
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#16
Acetone
Concen: 21.117 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

Tgt Ion: 43 Resp: 34657
Ion Ratio Lower Upper
43 100
58 42.1 28.0 42.0#





#18

Methyl Acetate

Concen: 1.300 ug/l

RT: 5.048 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN077641.D

Acq: 09 May 2023 18:56

Instrument :

MSVOA_N

ClientSampleId :

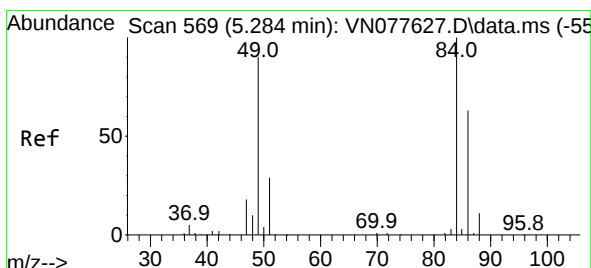
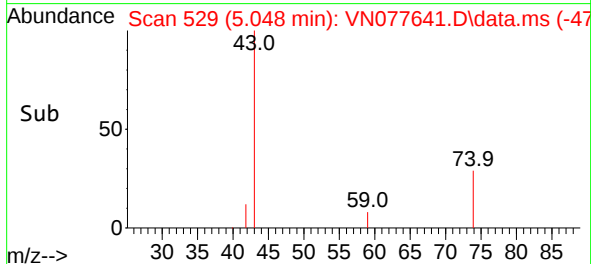
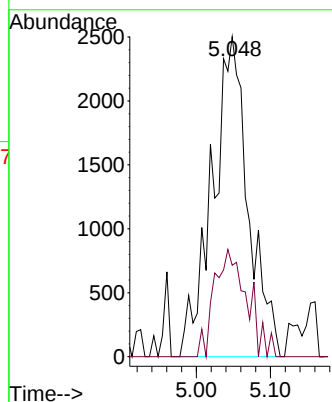
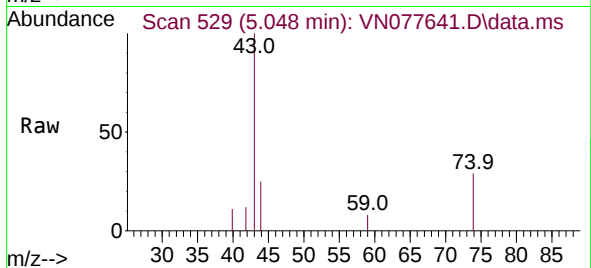
FSND-IDW-S-05042023

Tgt Ion: 43 Resp: 8457

Ion Ratio Lower Upper

43 100

74 30.2 26.2 39.4



#20

Methylene Chloride

Concen: 5.021 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.000 min

Lab File: VN077641.D

Acq: 09 May 2023 18:56

Tgt Ion: 84 Resp: 34147

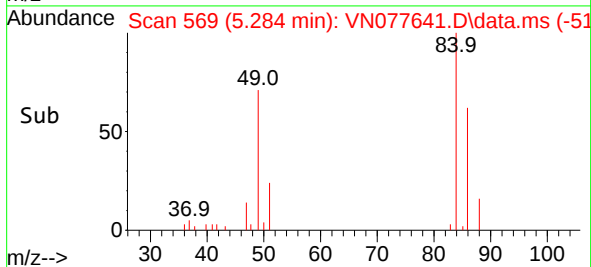
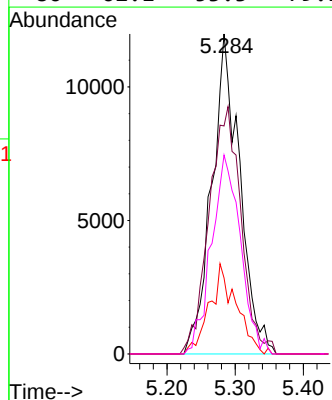
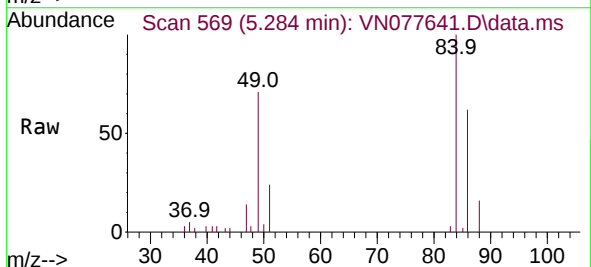
Ion Ratio Lower Upper

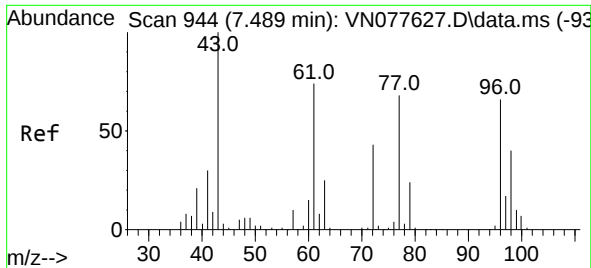
84 100

49 71.2 79.7 119.5#

51 23.7 25.2 37.8#

86 62.1 53.3 79.9

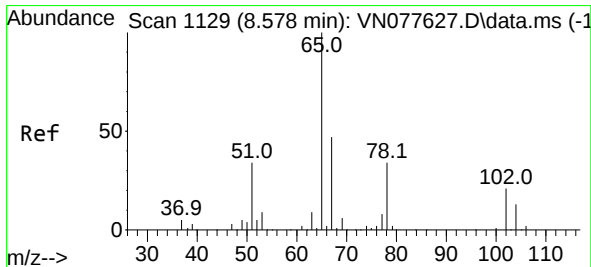
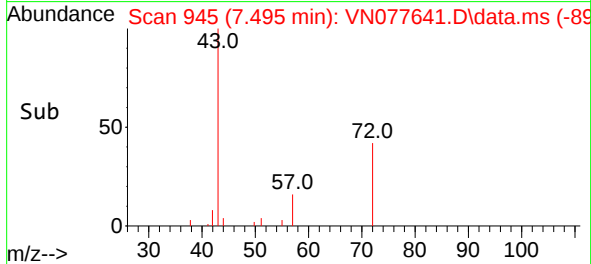
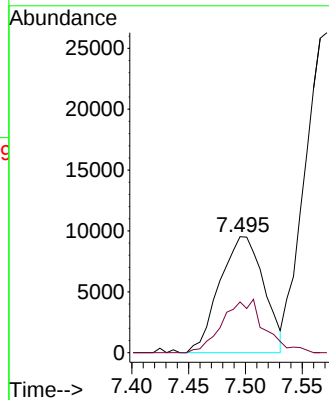
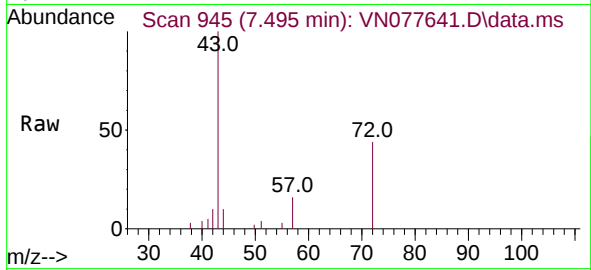




#25
2-Butanone
Concen: 10.767 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

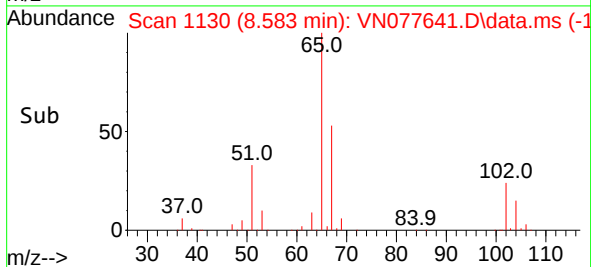
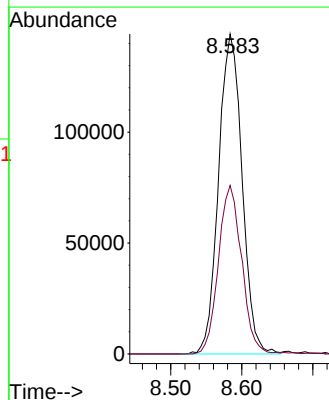
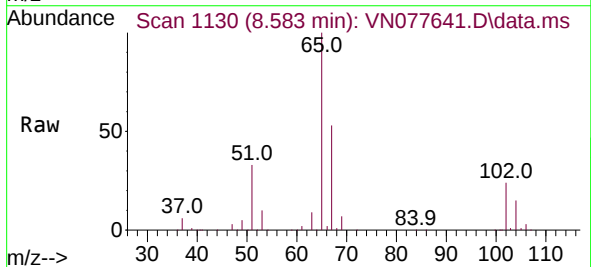
Instrument :
MSVOA_N
ClientSampleId :
FSND-IDW-S-05042023

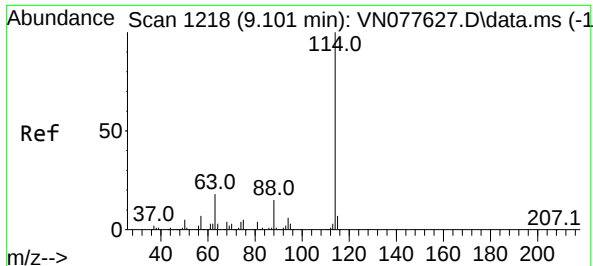
Tgt Ion: 43 Resp: 25827
Ion Ratio Lower Upper
43 100
72 46.1 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

Tgt Ion: 65 Resp: 331187
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077641.D

Acq: 09 May 2023 18:56

Instrument :

MSVOA_N

ClientSampleId :

FSND-IDW-S-05042023

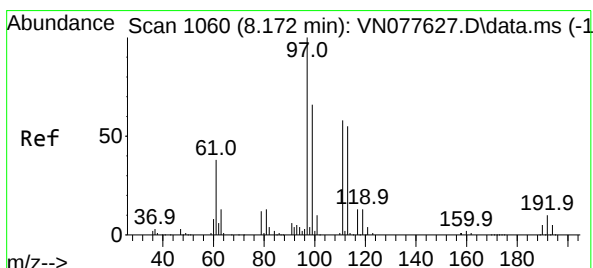
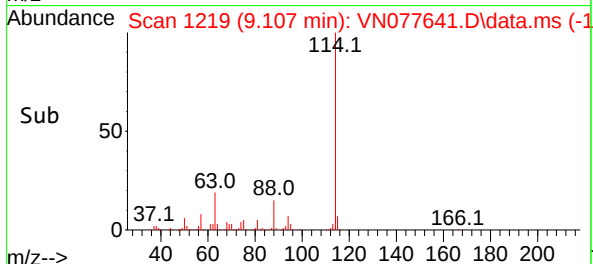
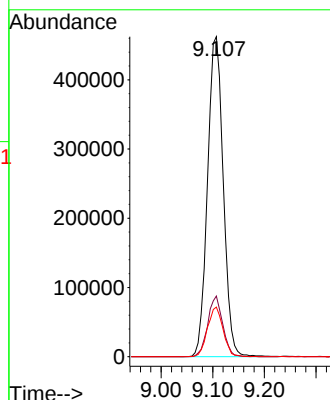
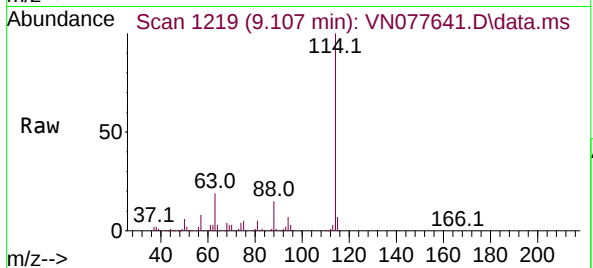
Tgt Ion:114 Resp: 977766

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077641.D

Acq: 09 May 2023 18:56

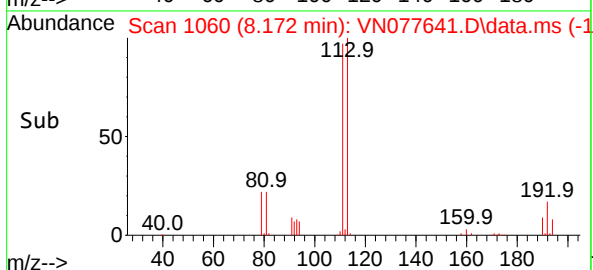
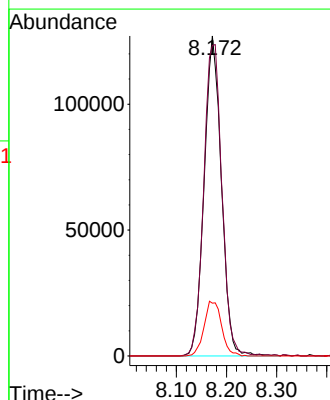
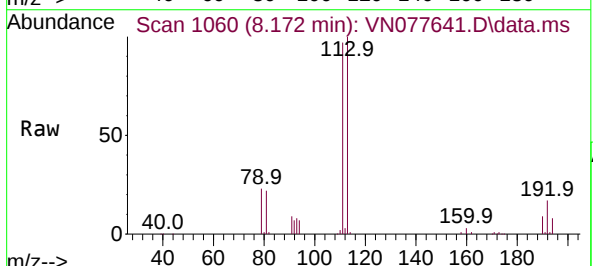
Tgt Ion:113 Resp: 302949

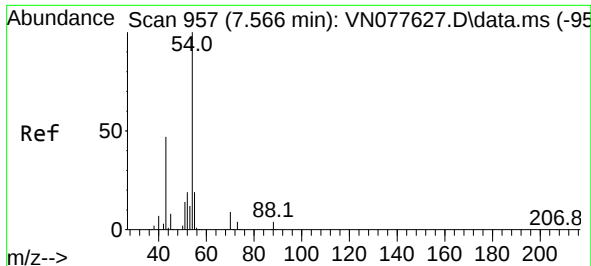
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.4 12.7 19.1





#37

Ethyl Acetate

Concen: 13.335 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077641.D

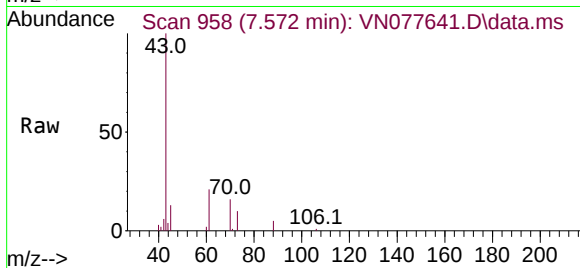
Acq: 09 May 2023 18:56

Instrument :

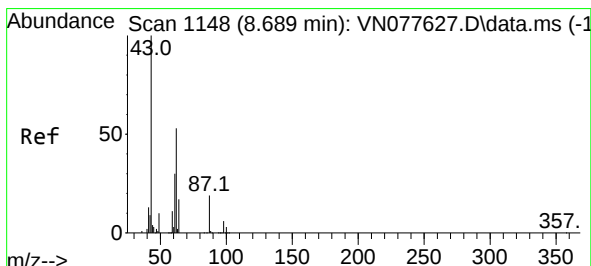
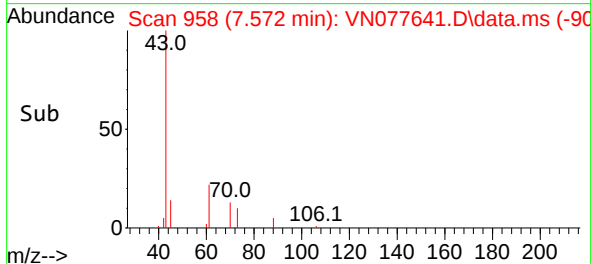
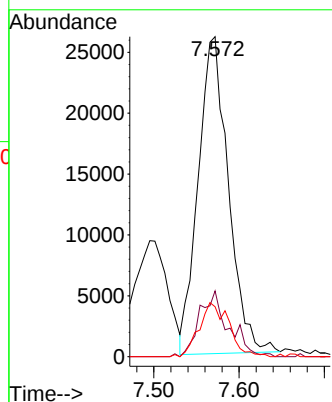
MSVOA_N

ClientSampleId :

FSND-IDW-S-05042023



Tgt Ion:	43	Resp:	64170
Ion	Ratio	Lower	Upper
43	100		
61	19.9	13.2	19.8#
70	16.9	11.3	16.9#



#43

Isopropyl Acetate

Concen: 39.621 ug/l

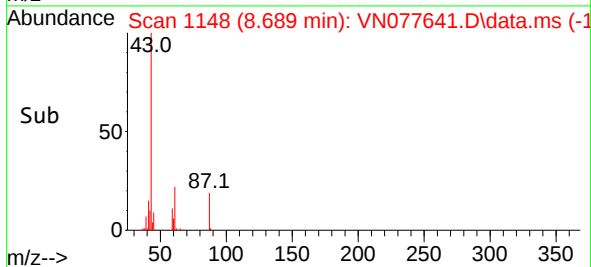
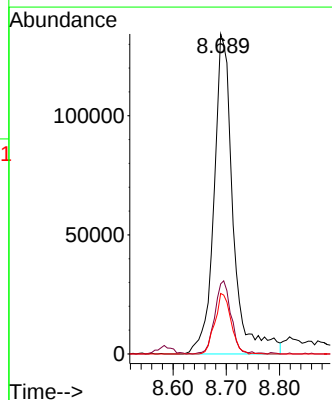
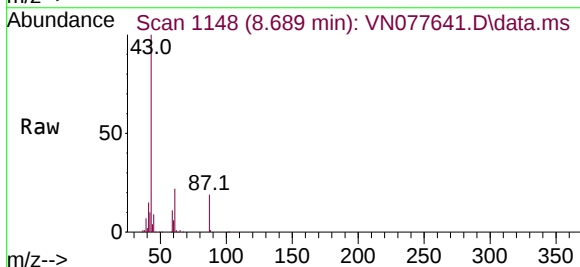
RT: 8.689 min Scan# 1148

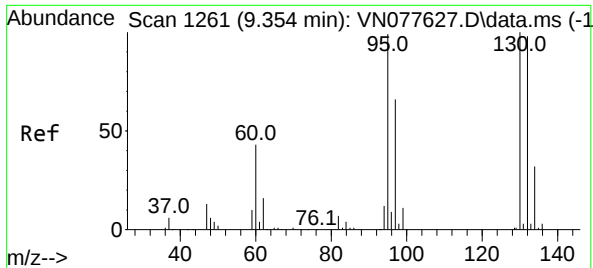
Delta R.T. 0.000 min

Lab File: VN077641.D

Acq: 09 May 2023 18:56

Tgt Ion:	43	Resp:	334272
Ion	Ratio	Lower	Upper
43	100		
61	19.5	24.7	37.1#
87	16.0	14.6	21.8

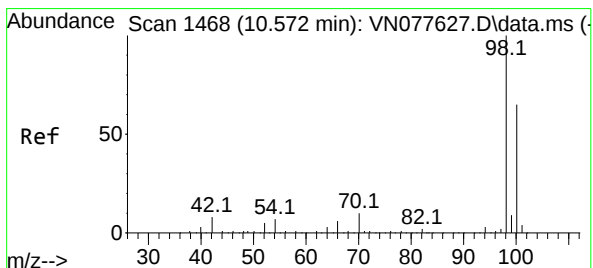
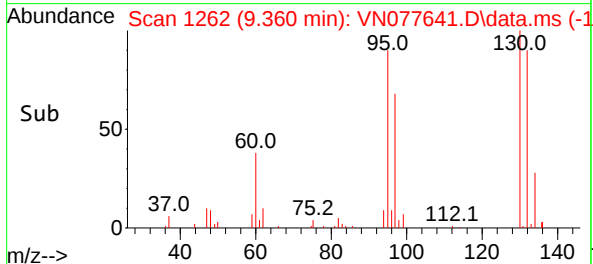
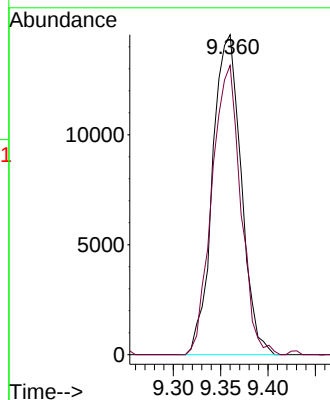
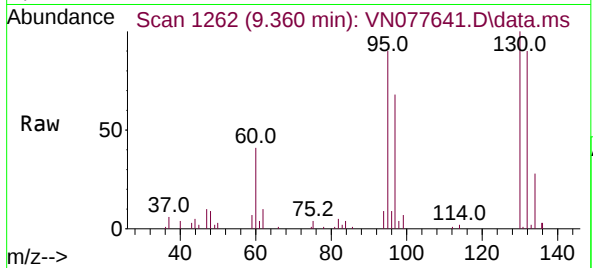




#44
Trichloroethene
Concen: 4.570 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

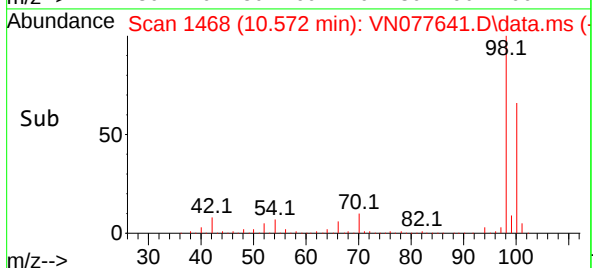
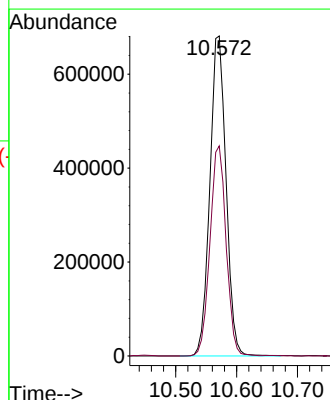
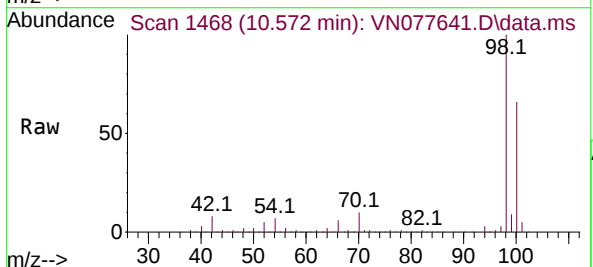
Instrument :
MSVOA_N
ClientSampleId :
FSND-IDW-S-05042023

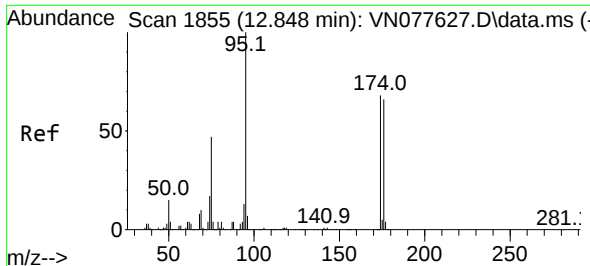
Tgt Ion:130 Resp: 30564
Ion Ratio Lower Upper
130 100
95 90.4 0.0 204.6



#50
Toluene-d8
Concen: 54.454 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

Tgt Ion: 98 Resp: 1257209
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

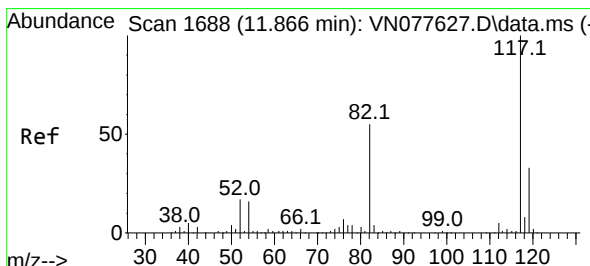
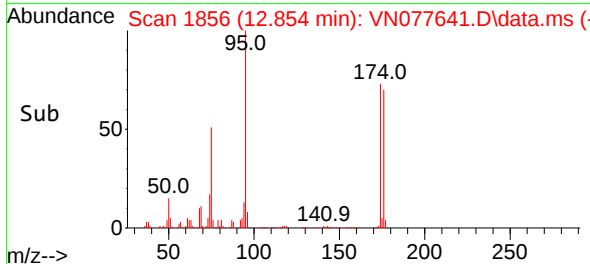
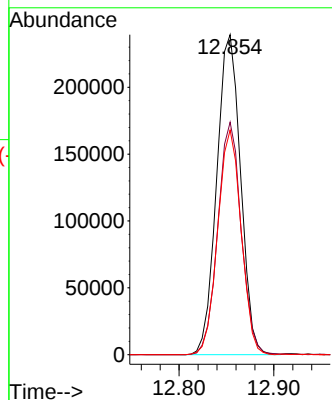
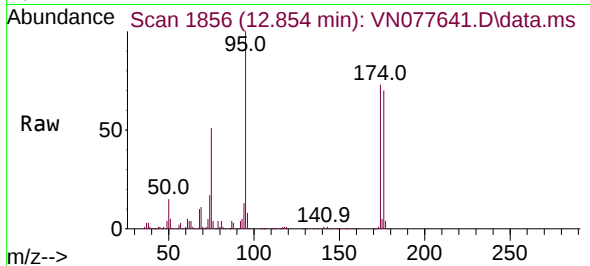




#62
4-Bromofluorobenzene
Concen: 53.736 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

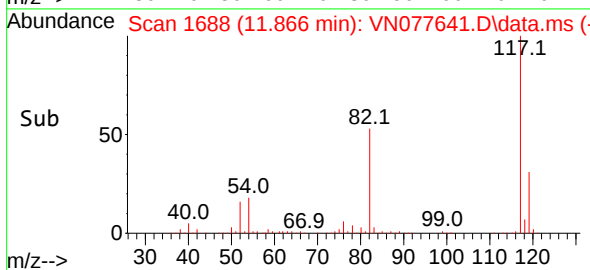
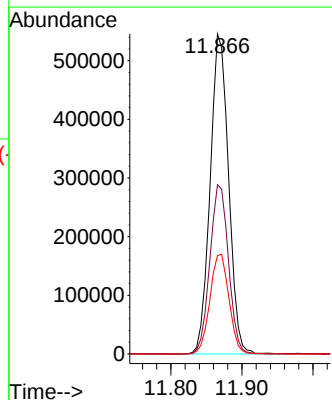
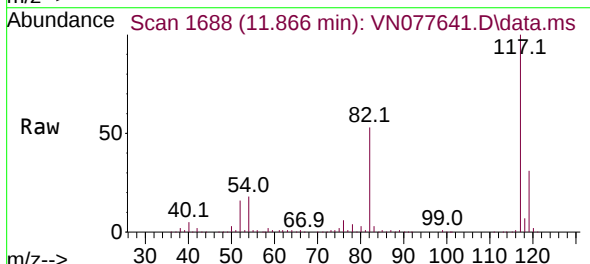
Instrument :
MSVOA_N
ClientSampleId :
FSND-IDW-S-05042023

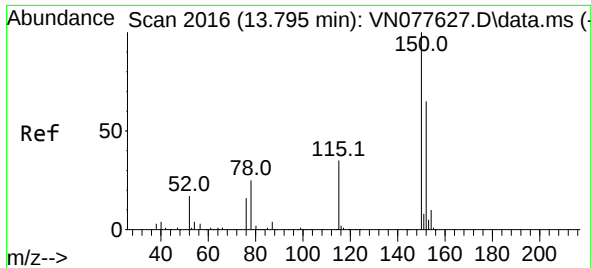
Tgt Ion: 95 Resp: 419613
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 68.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077641.D
Acq: 09 May 2023 18:56

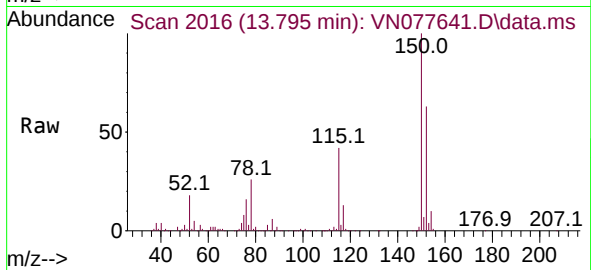
Tgt Ion: 117 Resp: 980816
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077641.D
 Acq: 09 May 2023 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-IDW-S-05042023



Tgt Ion:	152	Resp:	355773
Ion	Ratio	Lower	Upper
152	100		
115	65.5	32.3	96.8
150	158.7	0.0	355.8

