

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038702.D
 Acq On : 10 Nov 2023 04:17
 Operator : JC/MD
 Sample : 05241-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20231102

Quant Time: Nov 10 05:28:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

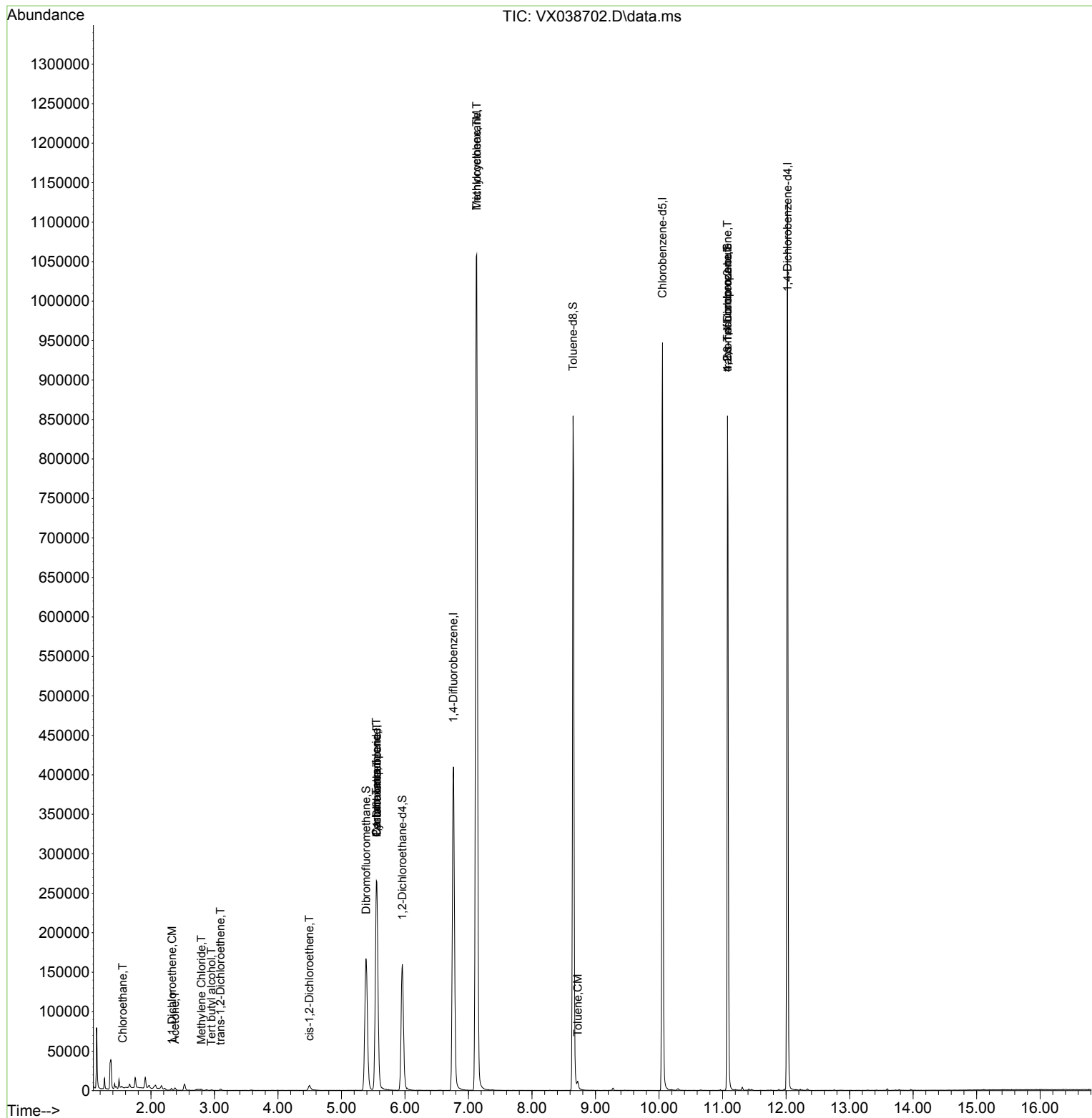
Internal Standards						
1) Pentafluorobenzene	5.556	168	281762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	461866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161178	45.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.900%
35) Dibromofluoromethane	5.385	113	149476	44.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.860%
50) Toluene-d8	8.647	98	548889	46.111	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.220%
62) 4-Bromofluorobenzene	11.079	95	231520	50.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.340%
Target Compounds						
						Qvalue
6) Chloroethane	1.557	64	5547	3.254	ug/l	# 43
11) Tert butyl alcohol	2.953	59	803	1.120	ug/l	# 78
12) 1,1-Dichloroethene	2.331	96	711	0.270	ug/l	# 45
16) Acetone	2.380	43	3689	2.497	ug/l	98
20) Methylene Chloride	2.794	84	907	0.305	ug/l	# 79
21) trans-1,2-Dichloroethene	3.093	96	784	0.274	ug/l	# 67
27) cis-1,2-Dichloroethene	4.495	96	4689	1.418	ug/l	70
31) Cyclohexane	5.556	56	4668	1.202	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17854	4.321	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	26622	5.763	ug/l	# 15
39) Methylcyclohexane	7.129	83	4734	0.916	ug/l	# 1
44) Trichloroethene	7.129	130	461298	124.570	ug/l	91
52) Toluene	8.720	92	3095	0.397	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	110338	20.929	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	110338	63.643	ug/l	# 5

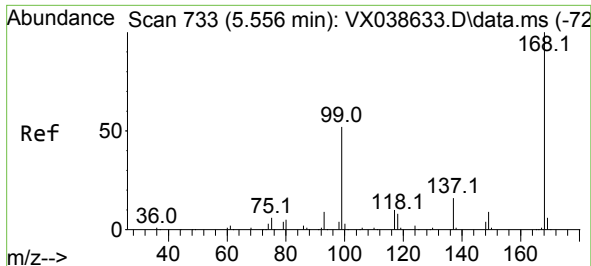
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

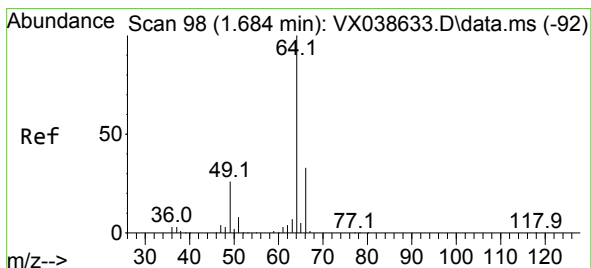
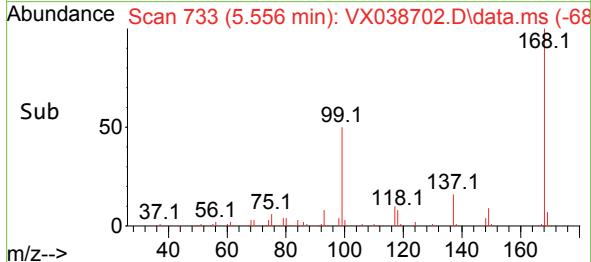
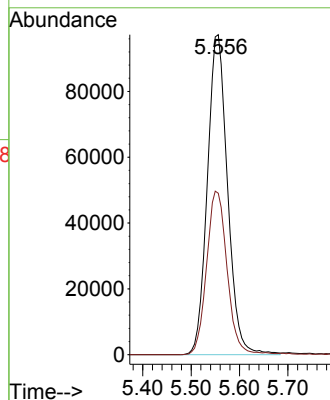
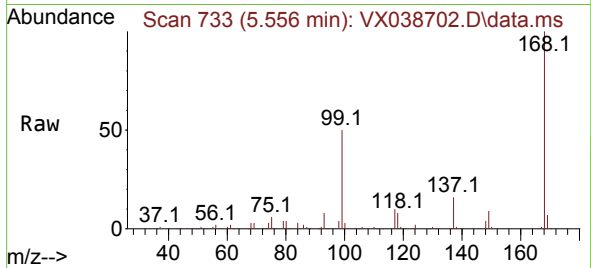




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

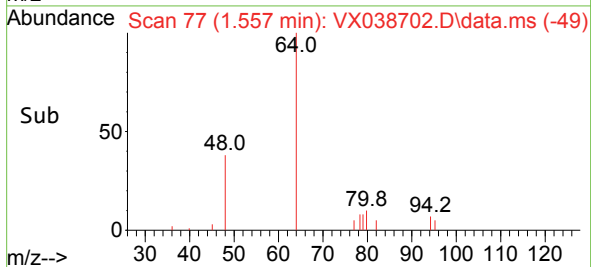
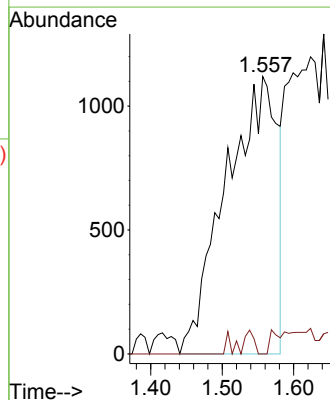
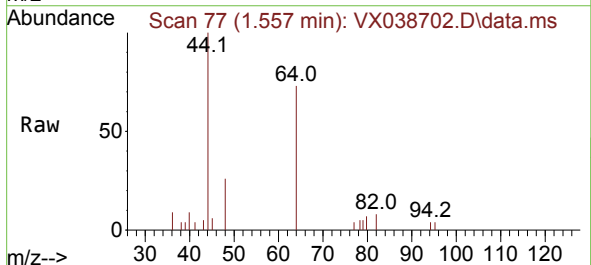
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20231102

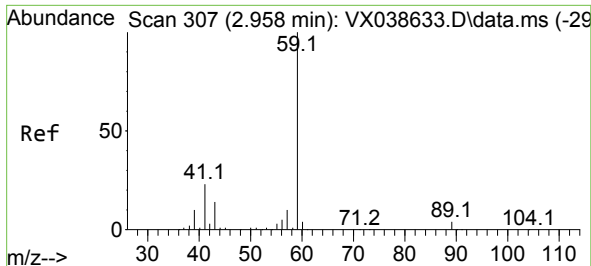
Tgt Ion:168 Resp: 281762
Ion Ratio Lower Upper
168 100
99 50.5 56.6 85.0#



#6
Chloroethane
Concen: 3.254 ug/l
RT: 1.557 min Scan# 77
Delta R.T. -0.128 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 64 Resp: 5547
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

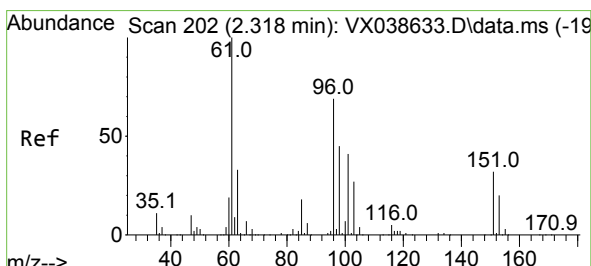
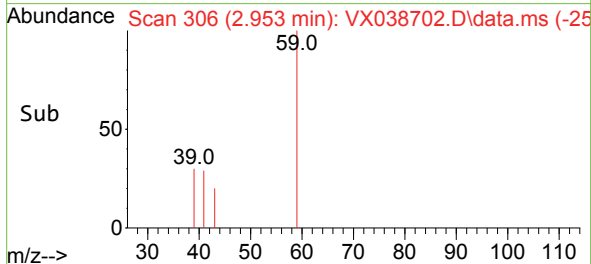
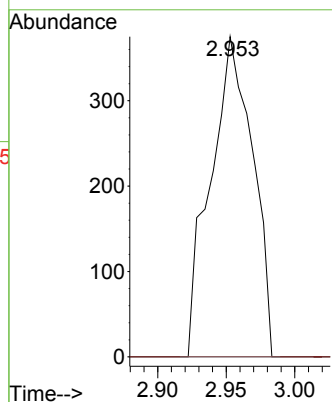
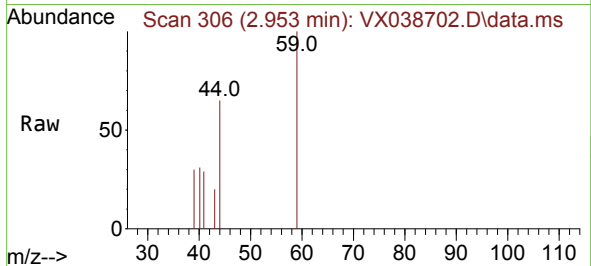




#11
Tert butyl alcohol
Concen: 1.120 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

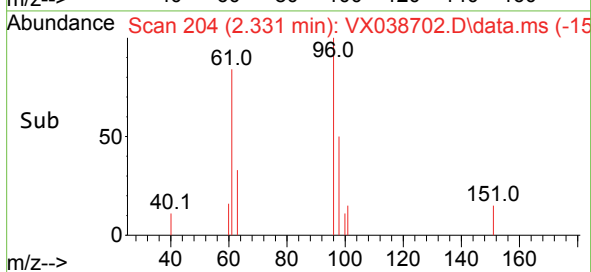
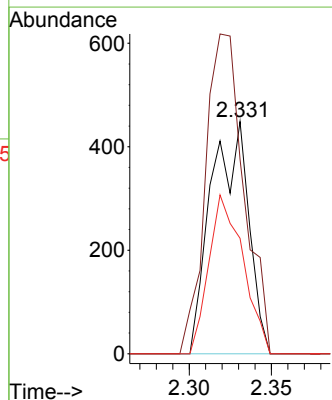
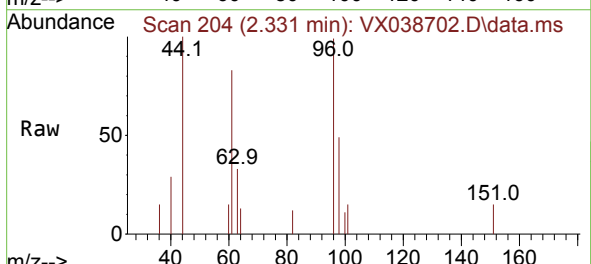
Instrument :
MSVOA_X
ClientSampleId :
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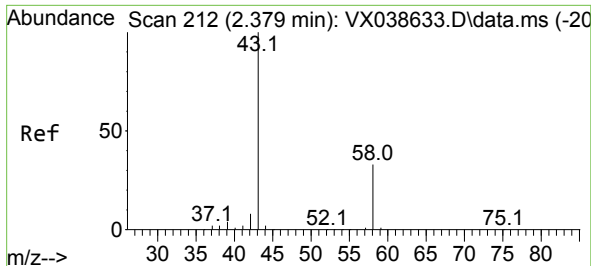
Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.270 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.013 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 96 Resp: 711
Ion Ratio Lower Upper
96 100
61 83.7 144.6 216.8#
98 49.7 50.4 75.6#

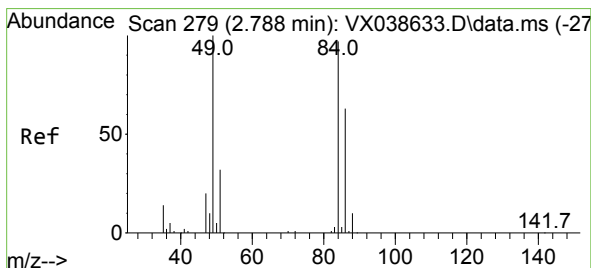
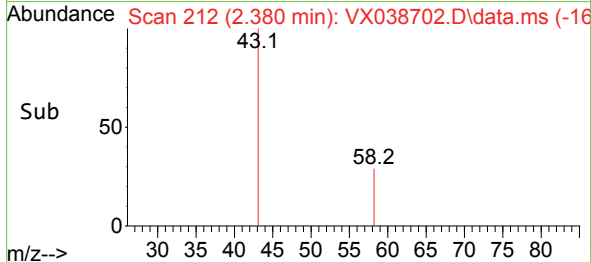
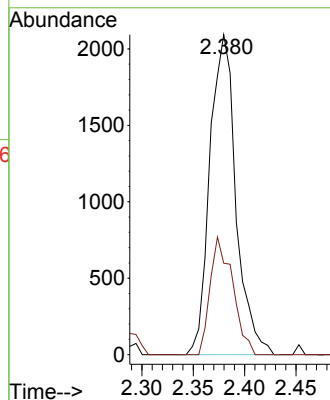
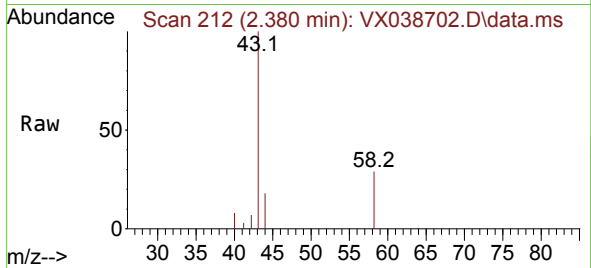




#16
Acetone
Concen: 2.497 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

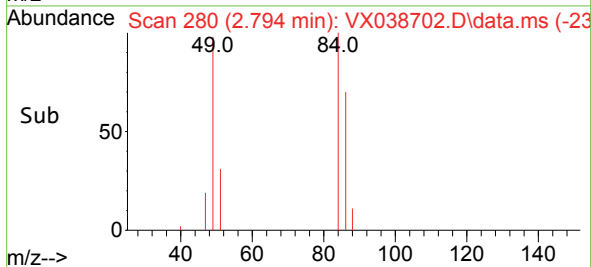
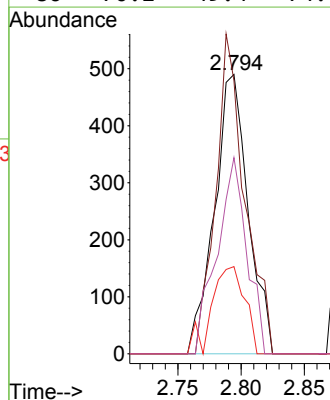
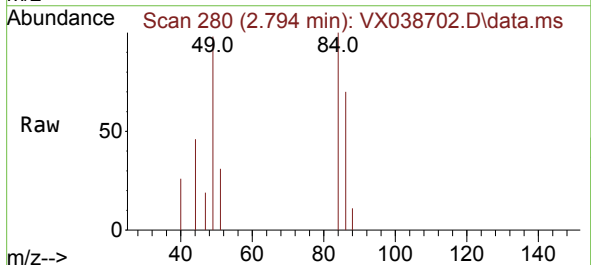
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20231102

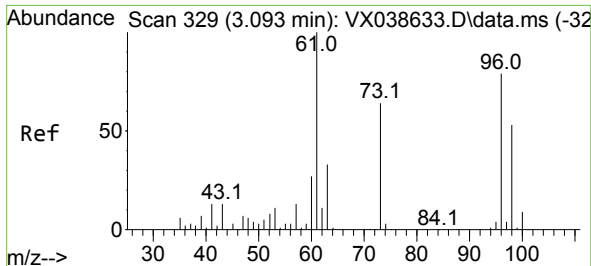
Tgt Ion: 43 Resp: 3689
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.007 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 84 Resp: 907
Ion Ratio Lower Upper
84 100
49 97.8 103.6 155.4#
51 31.2 33.8 50.6#
86 70.2 49.4 74.0

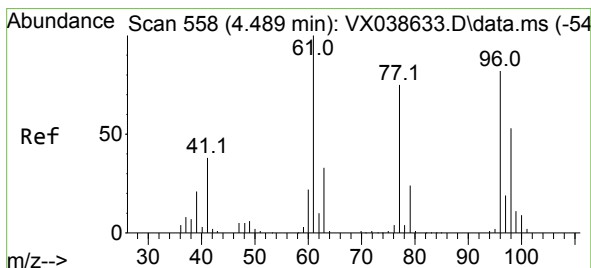
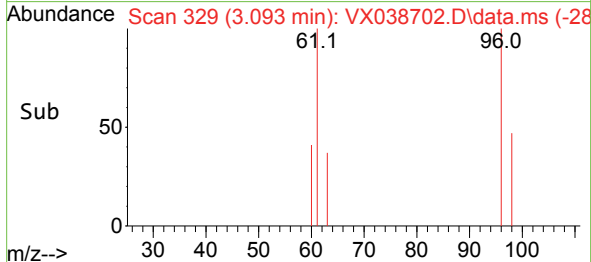
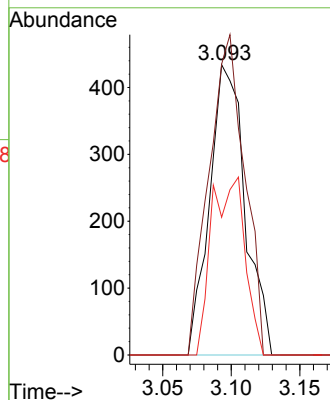
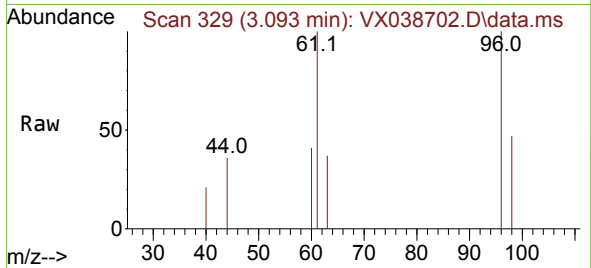




#21
trans-1,2-Dichloroethene
Concen: 0.274 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

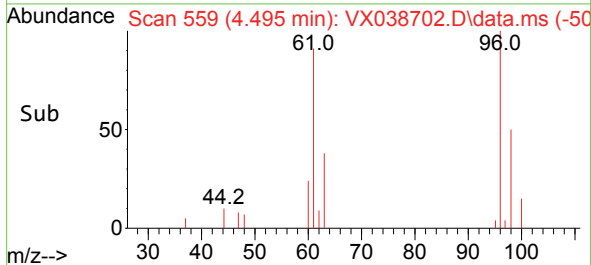
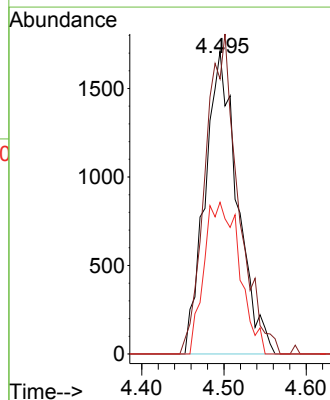
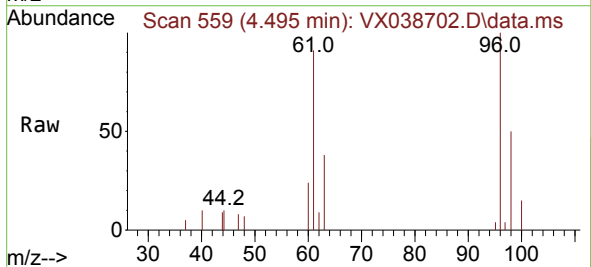
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20231102

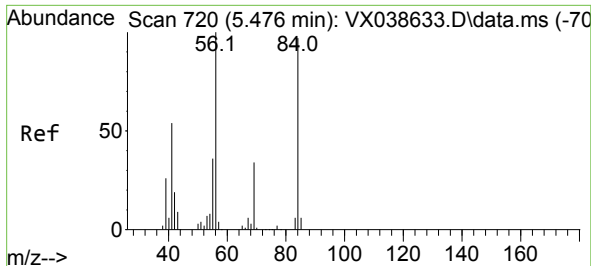
Tgt Ion: 96 Resp: 784
Ion Ratio Lower Upper
96 100
61 100.2 119.2 178.8#
98 47.5 48.7 73.1#



#27
cis-1,2-Dichloroethene
Concen: 1.418 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.007 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 96 Resp: 4689
Ion Ratio Lower Upper
96 100
61 107.0 0.0 312.2
98 54.7 0.0 129.0





#31

Cyclohexane

Concen: 1.202 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.080 min

Lab File: VX038702.D

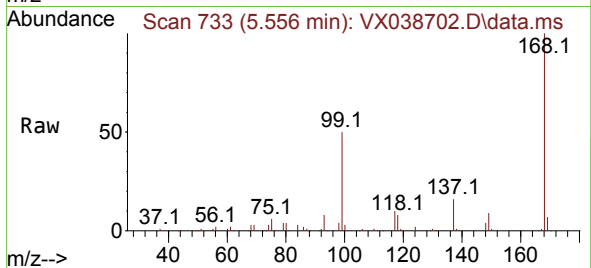
Acq: 10 Nov 2023 04:17

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20231102



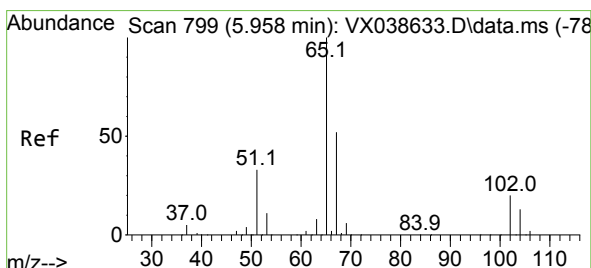
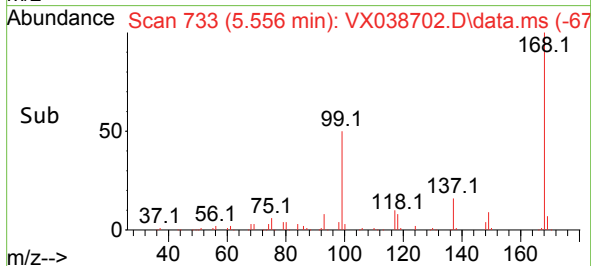
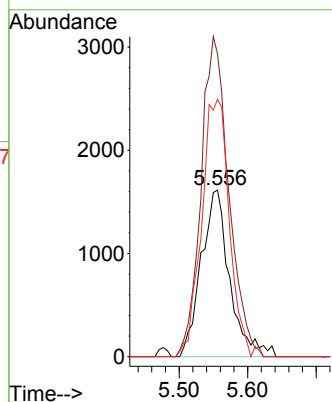
Tgt Ion: 56 Resp: 4668

Ion Ratio Lower Upper

56 100

69 182.0 23.4 35.2#

84 154.5 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 45.948 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038702.D

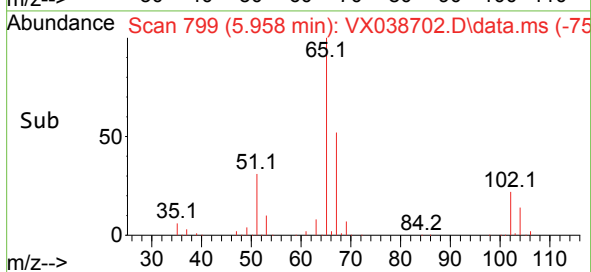
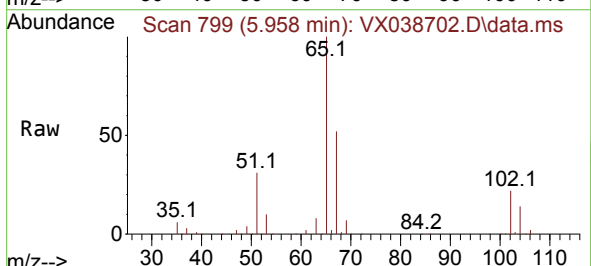
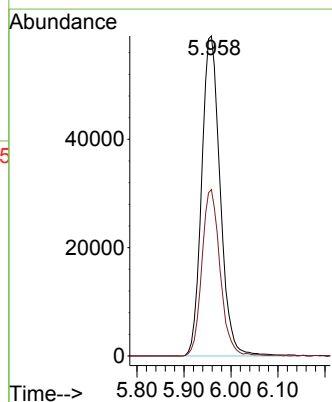
Acq: 10 Nov 2023 04:17

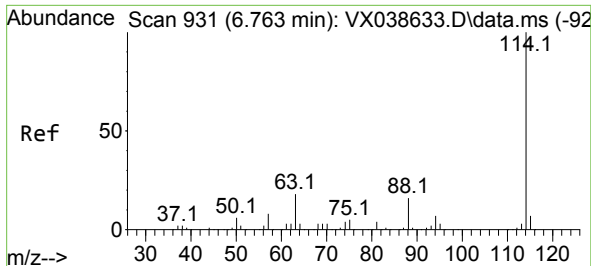
Tgt Ion: 65 Resp: 161178

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2

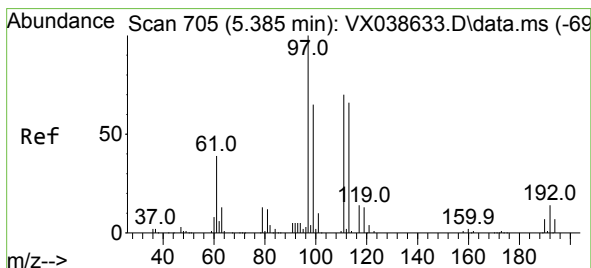
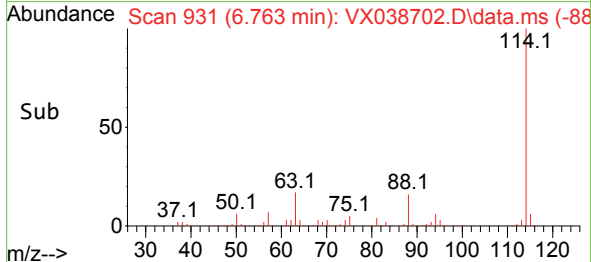
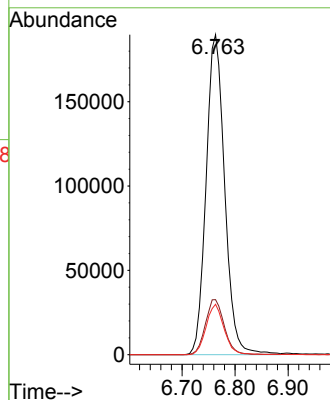
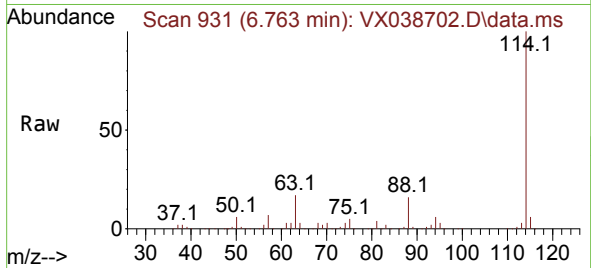




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

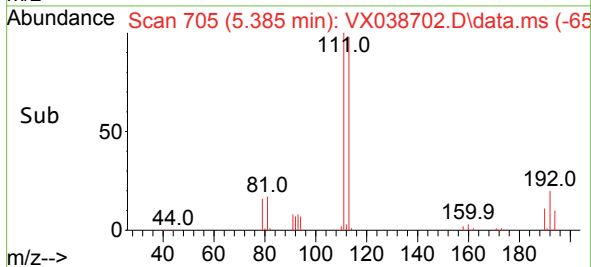
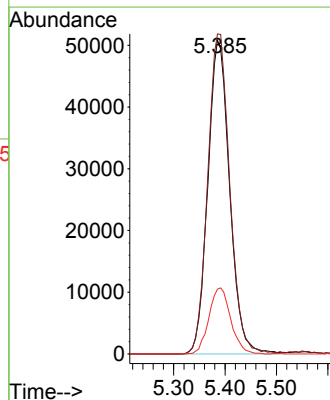
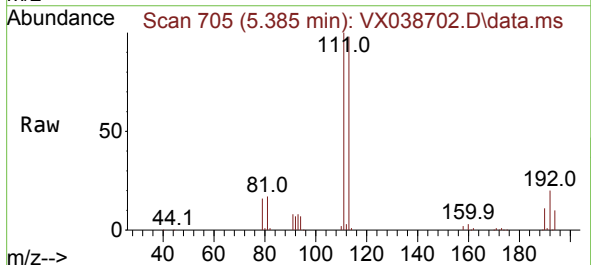
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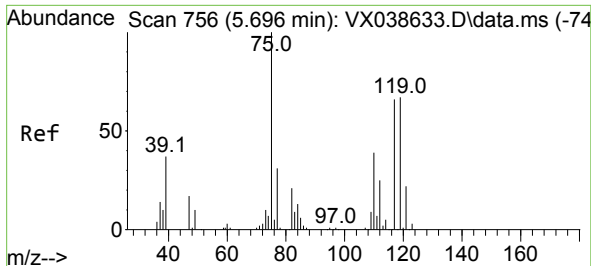
Tgt Ion:114 Resp: 461866
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.935 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion:113 Resp: 149476
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 21.1 13.3 19.9#

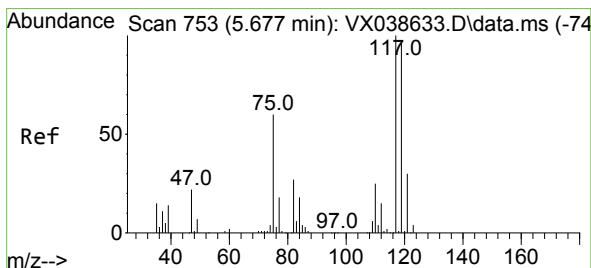
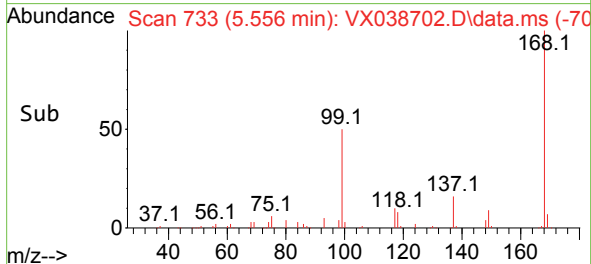
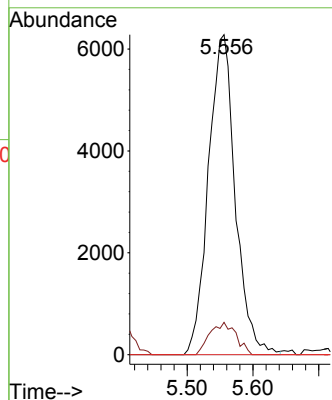
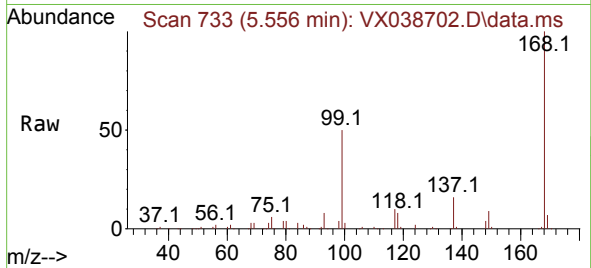




#36
1,1-Dichloropropene
Concen: 4.321 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

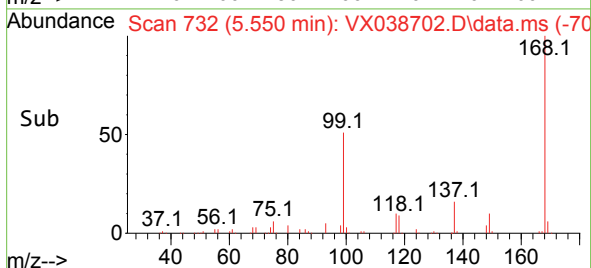
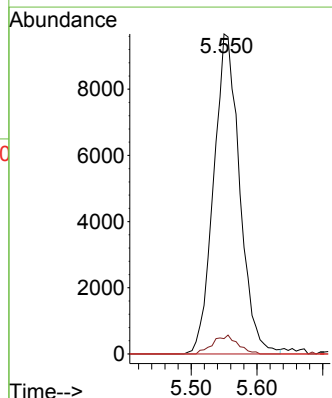
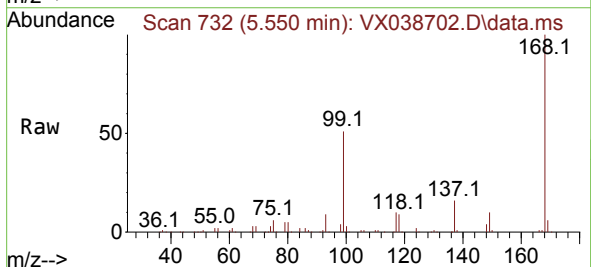
Instrument :
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ClientSampleId :
FSND-MW-32-20231102

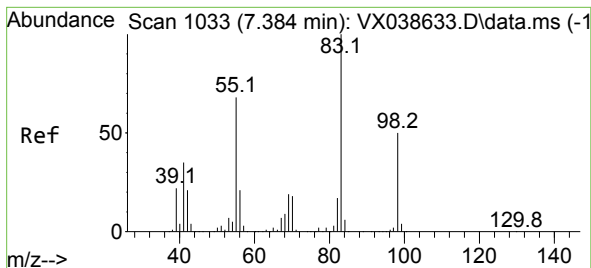
Tgt Ion: 75 Resp: 17854
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.763 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 117 Resp: 26622
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.916 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX038702.D

Acq: 10 Nov 2023 04:17

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20231102

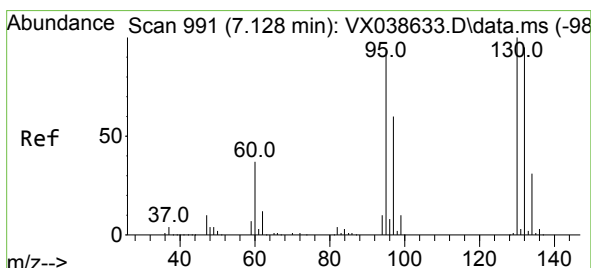
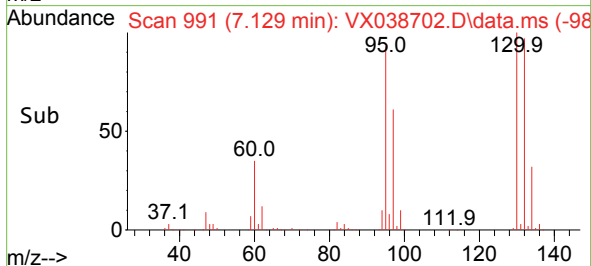
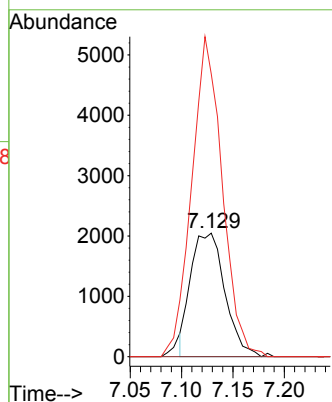
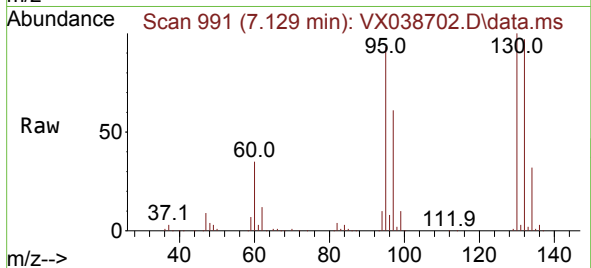
Tgt Ion: 83 Resp: 4734

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 229.0 36.7 55.1#



#44

Trichloroethene

Concen: 124.570 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038702.D

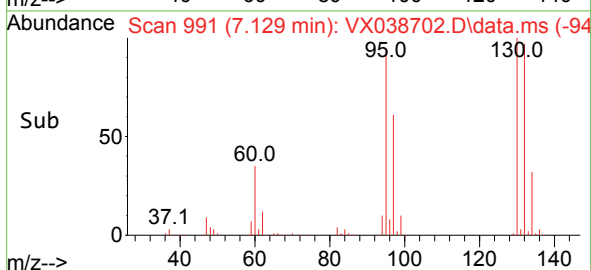
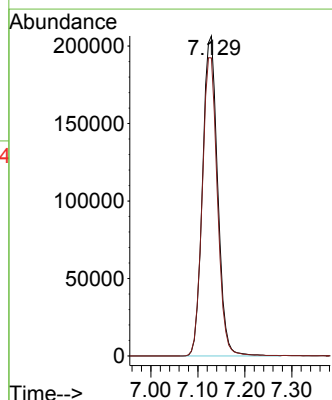
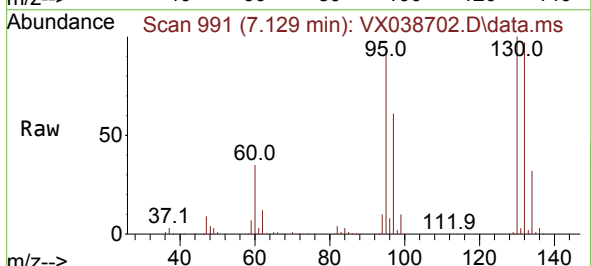
Acq: 10 Nov 2023 04:17

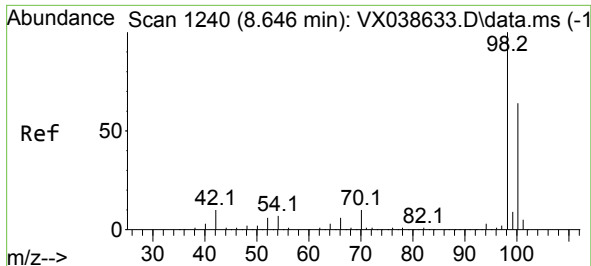
Tgt Ion:130 Resp: 461298

Ion Ratio Lower Upper

130 100

95 93.2 0.0 204.4

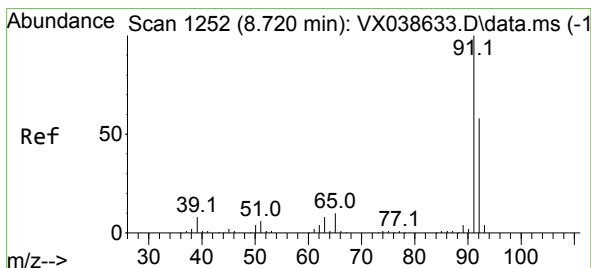
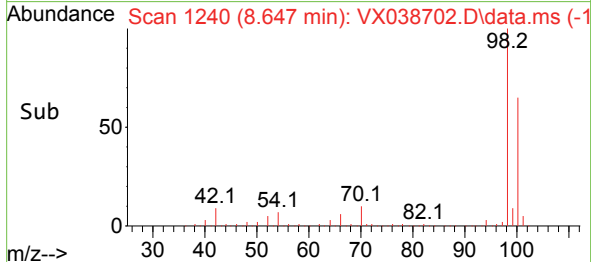
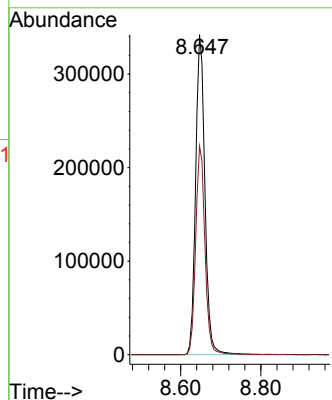
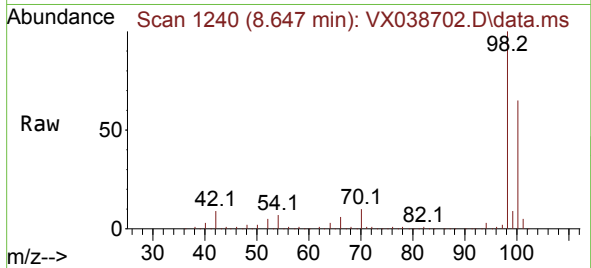




#50
Toluene-d8
Concen: 46.111 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

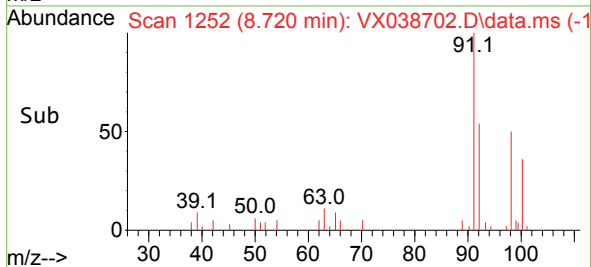
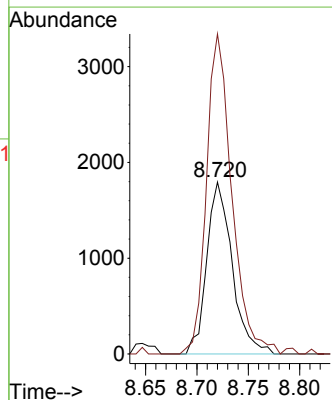
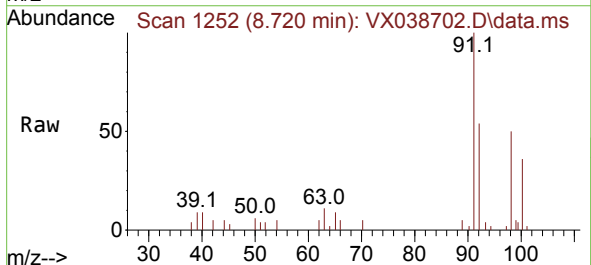
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20231102

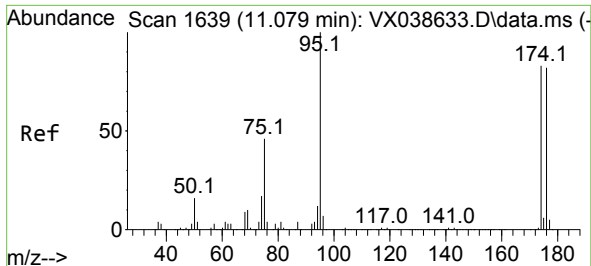
Tgt Ion: 98 Resp: 548889
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#52
Toluene
Concen: 0.397 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 92 Resp: 3095
Ion Ratio Lower Upper
92 100
91 185.7 134.2 201.2

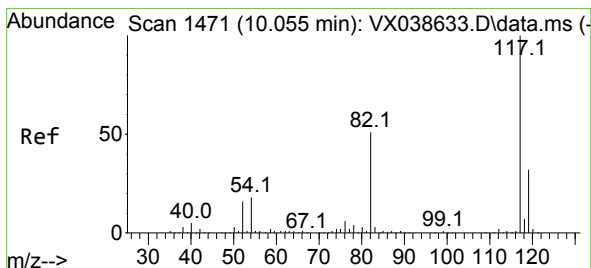
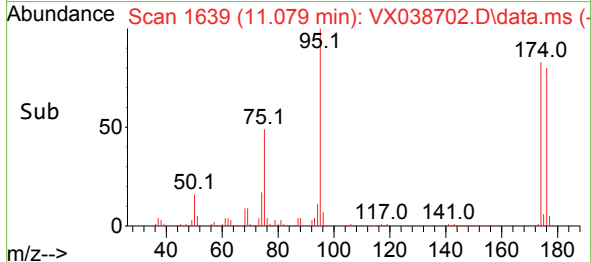
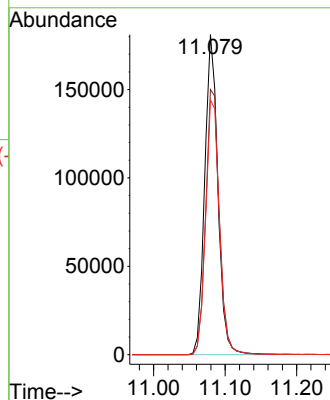
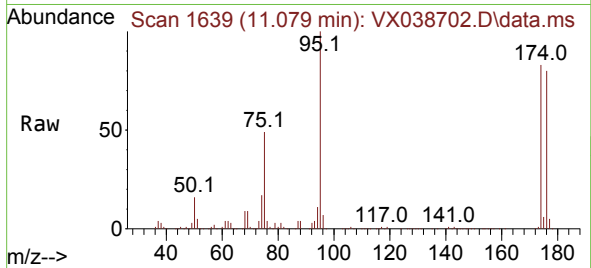




#62
4-Bromofluorobenzene
Concen: 50.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

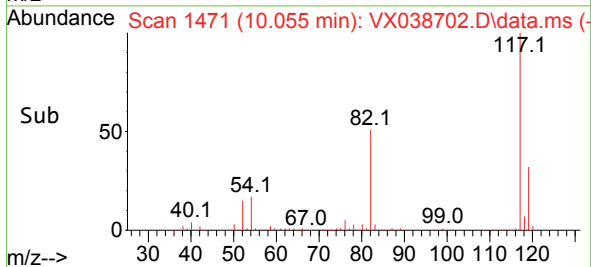
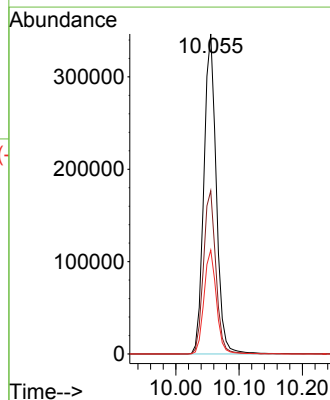
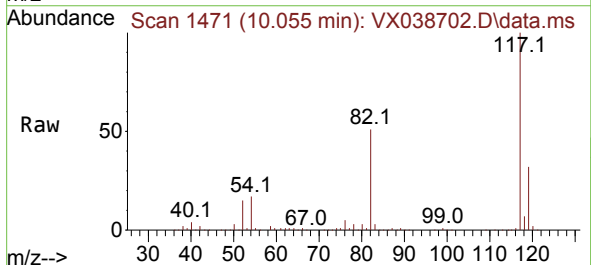
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20231102

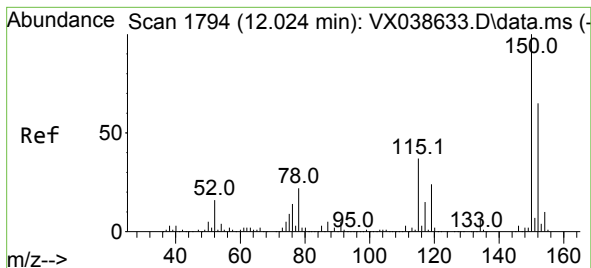
Tgt Ion: 95 Resp: 231520
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 83.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038702.D
Acq: 10 Nov 2023 04:17

Tgt Ion: 117 Resp: 473606
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038702.D

Acq: 10 Nov 2023 04:17

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20231102

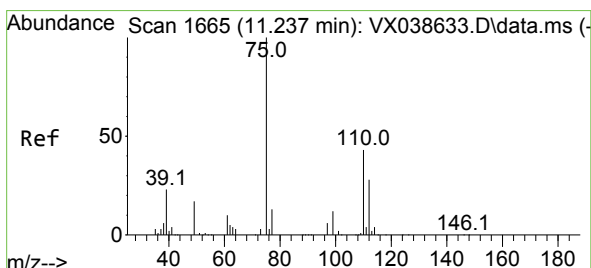
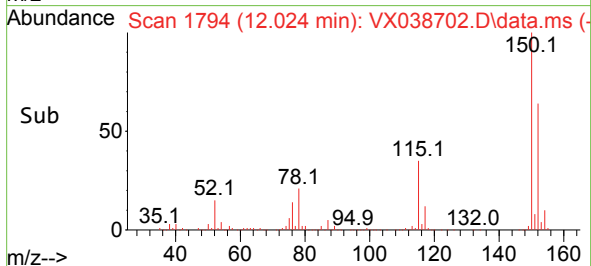
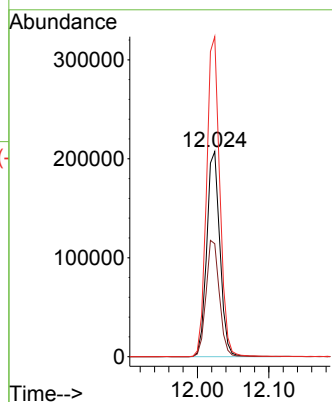
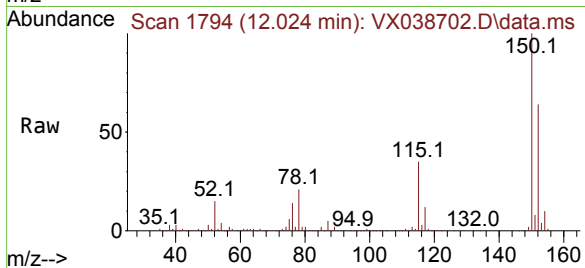
Tgt Ion:152 Resp: 266195

Ion Ratio Lower Upper

152 100

115 57.4 43.3 129.9

150 156.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.929 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038702.D

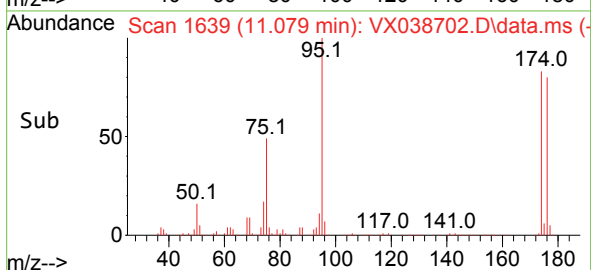
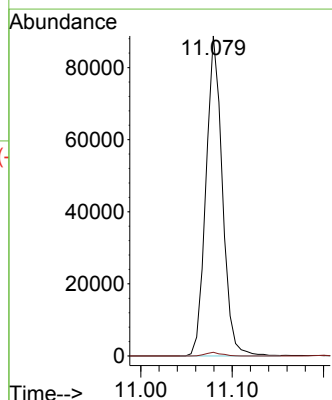
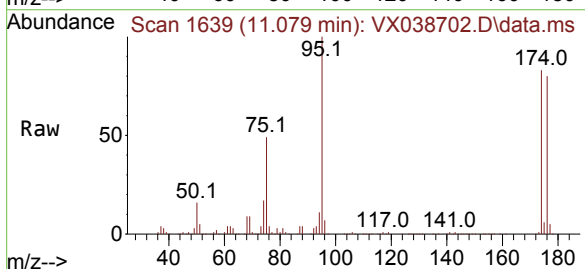
Acq: 10 Nov 2023 04:17

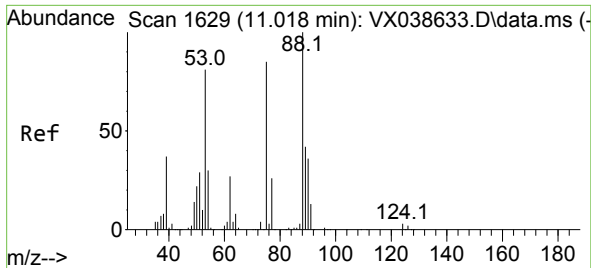
Tgt Ion: 75 Resp: 110338

Ion Ratio Lower Upper

75 100

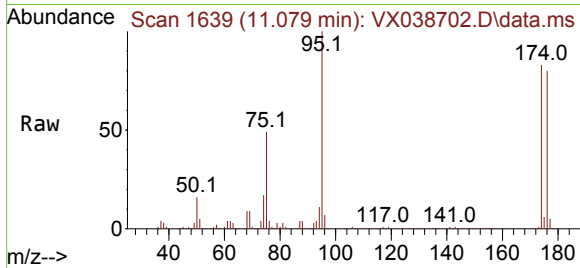
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.643 ug/l
 RT: 11.079 min Scan# 110338
 Delta R.T. 0.061 min
 Lab File: VX038702.D
 Acq: 10 Nov 2023 04:17

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20231102



Tgt Ion: 75 Resp: 110338
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

