

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038750.D
 Acq On : 11 Nov 2023 01:42
 Operator : JC/MD
 Sample : 05241-20DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01D-20231102DL

Quant Time: Nov 11 05:06:30 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)

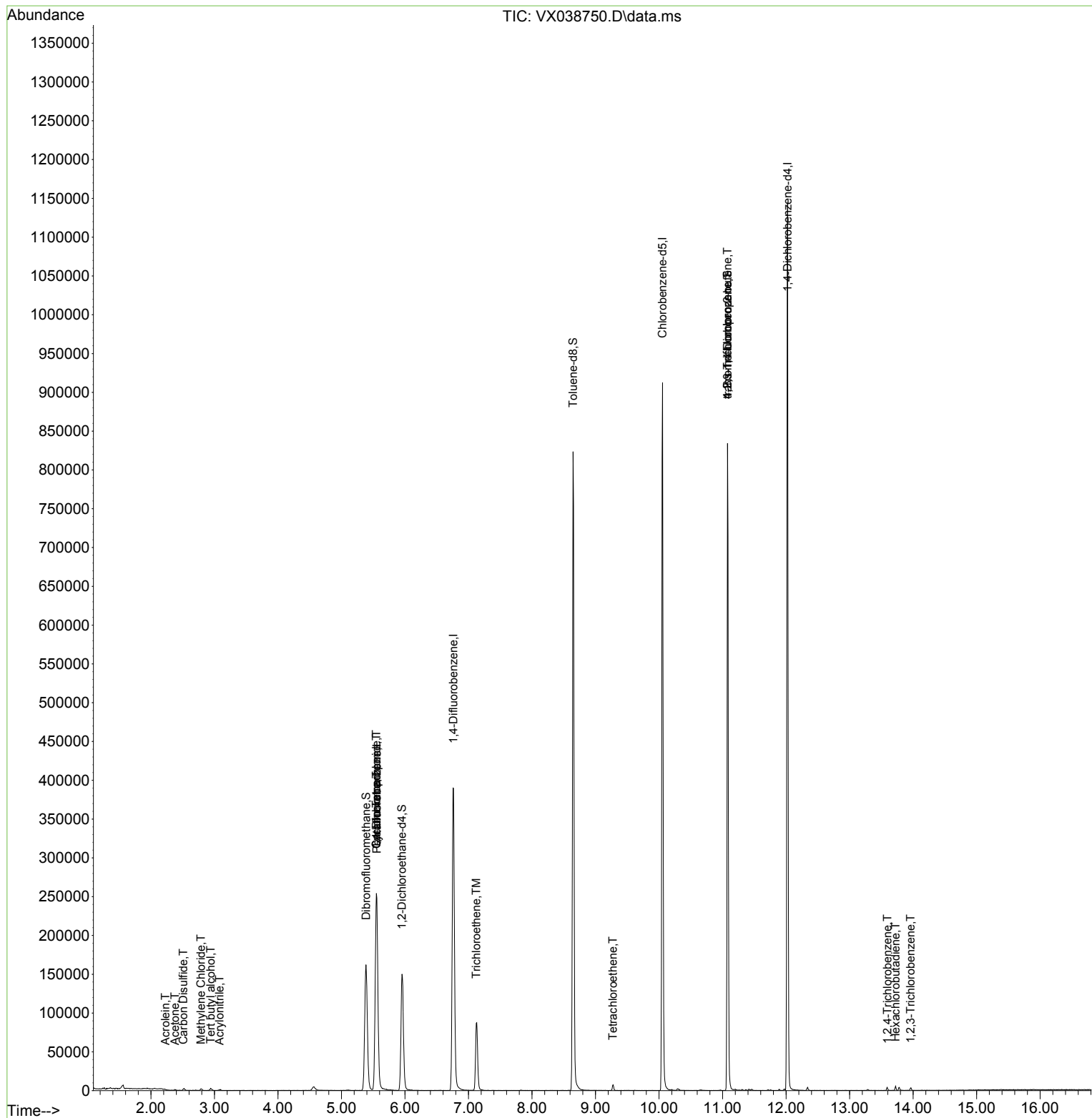
Internal Standards						
1) Pentafluorobenzene	5.555	168	270212	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	445603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153218	45.546	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.100%
35) Dibromofluoromethane	5.385	113	144332	44.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.940%
50) Toluene-d8	8.646	98	531024	46.239	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	225015	50.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.080%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	1634	2.376	ug/l	# 78
13) Acrolein	2.227	56	133	0.255	ug/l	# 67
15) Acrylonitrile	3.080	53	564	0.389	ug/l	# 19
16) Acetone	2.379	43	839	0.592	ug/l	# 85
17) Carbon Disulfide	2.507	76	2402	0.358	ug/l	# 93
20) Methylene Chloride	2.788	84	1159	0.406	ug/l	# 74
31) Cyclohexane	5.549	56	4277	1.149	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	17052	4.277	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	24978	5.605	ug/l	# 15
44) Trichloroethene	7.122	130	38871	10.880	ug/l	91
64) Tetrachloroethene	9.274	164	1744	0.505	ug/l	# 81
76) 1,2,3-Trichloropropane	11.079	75	108748	20.583	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	108748	62.708	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	1309	0.218	ug/l	94
94) Hexachlorobutadiene	13.725	225	941	0.364	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1279	0.216	ug/l	90

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

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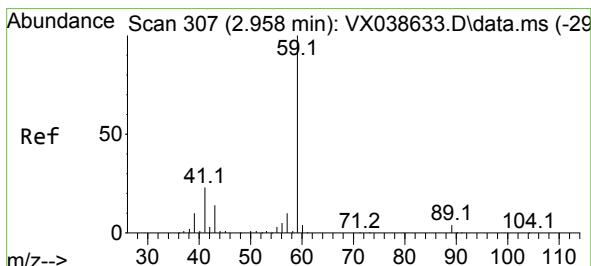
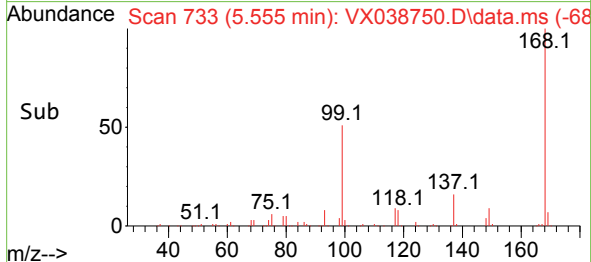
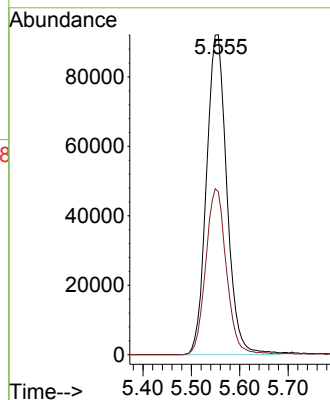
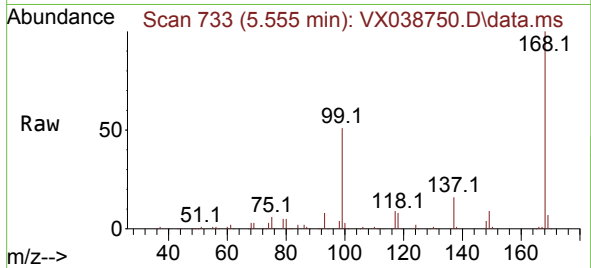




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

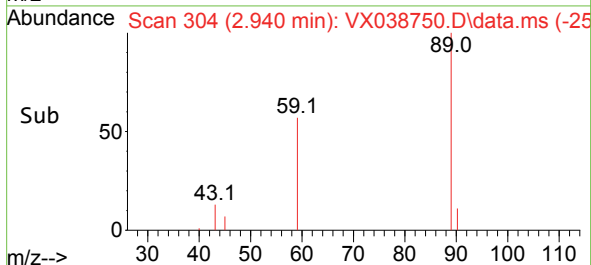
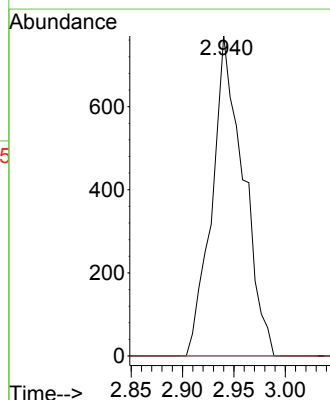
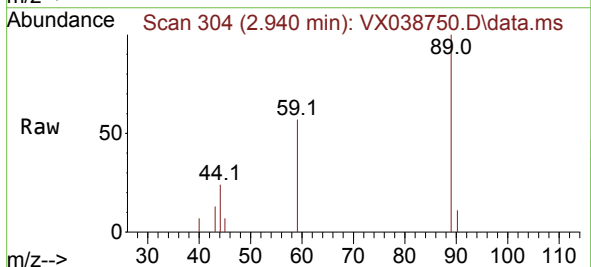
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

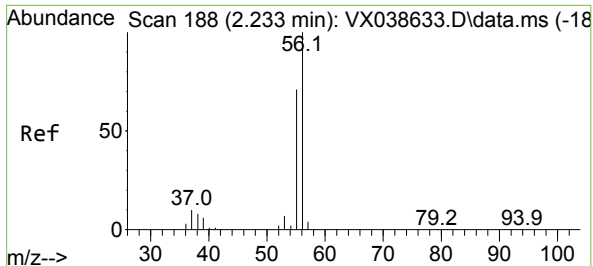
Tgt Ion:168 Resp: 270212
Ion Ratio Lower Upper
168 100
99 50.9 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.376 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion: 59 Resp: 1634
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

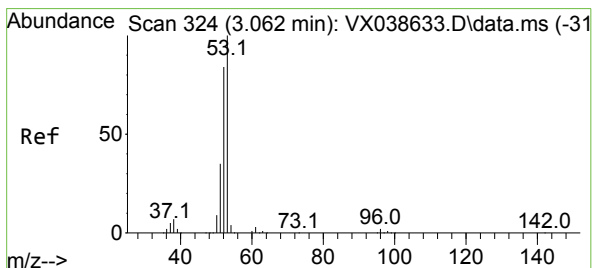
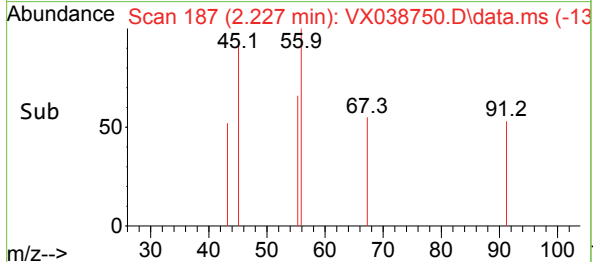
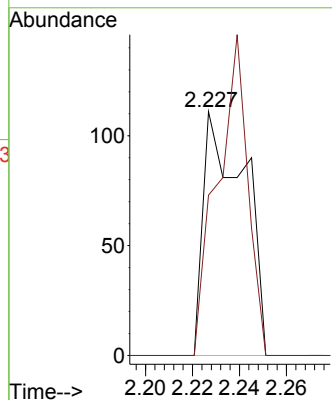
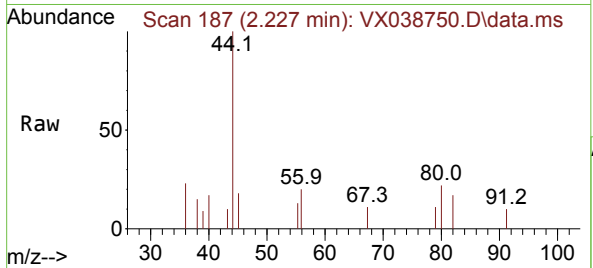




#13
Acrolein
Concen: 0.255 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

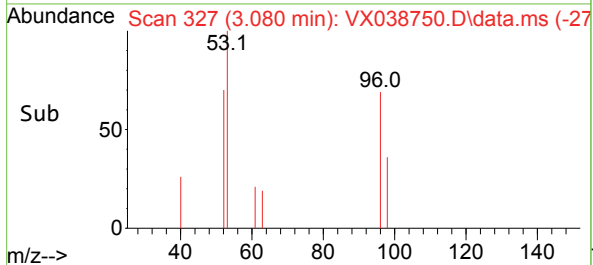
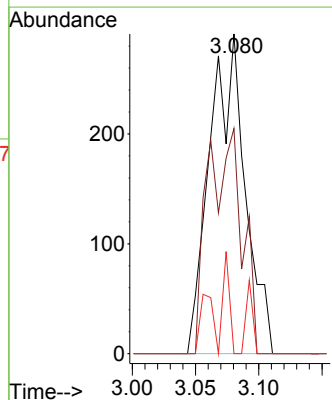
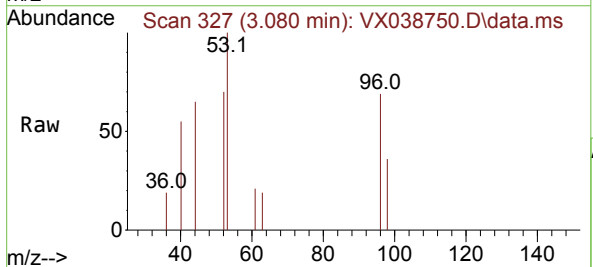
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

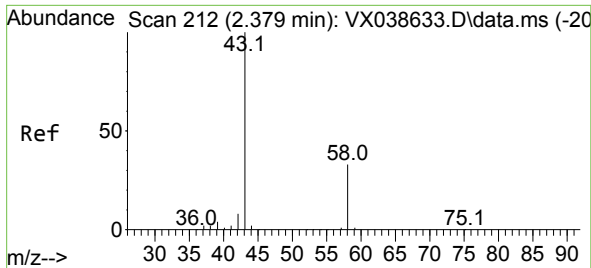
Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 98.5 57.1 85.7#



#15
Acrylonitrile
Concen: 0.389 ug/l
RT: 3.080 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion: 53 Resp: 564
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 4.3 29.8 44.6#

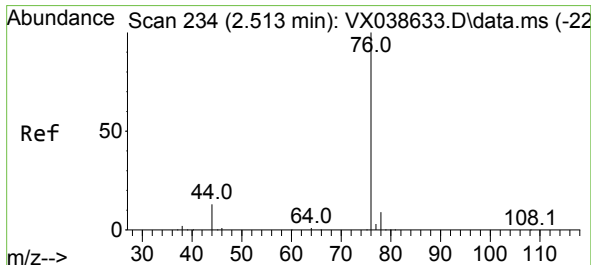
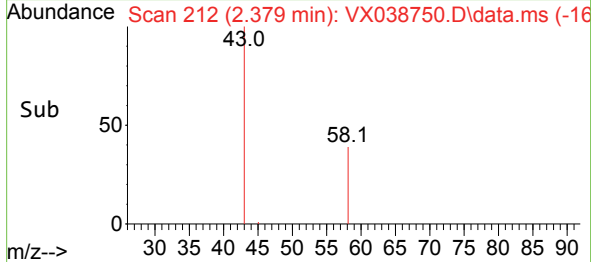
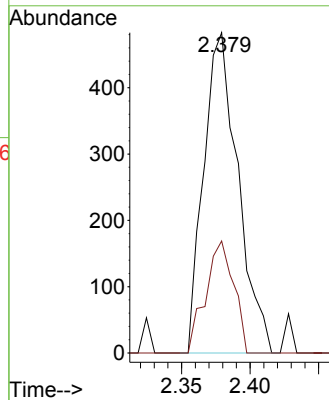
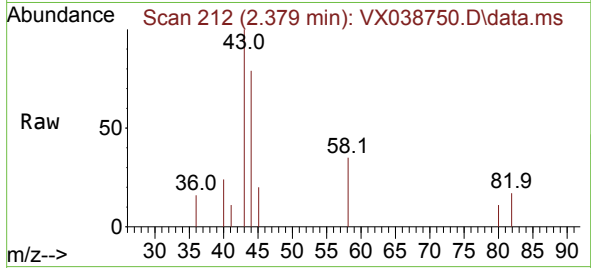




#16
Acetone
Concen: 0.592 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

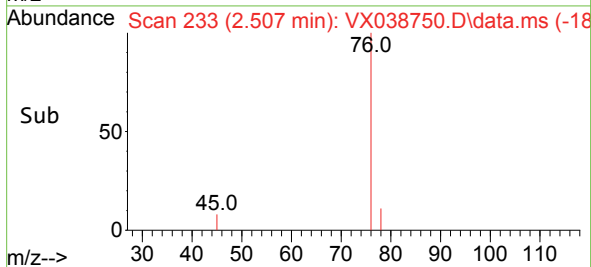
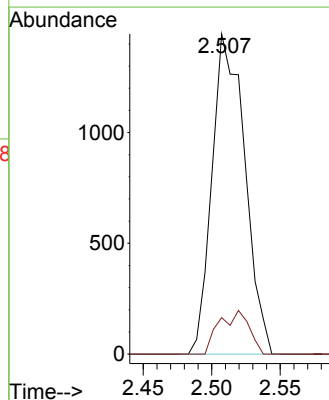
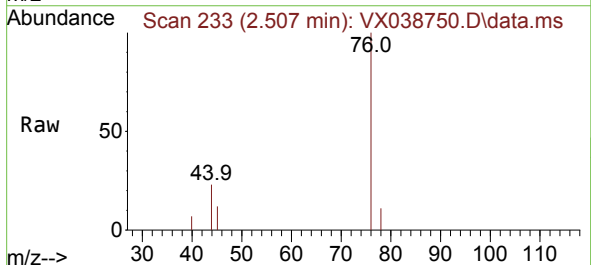
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

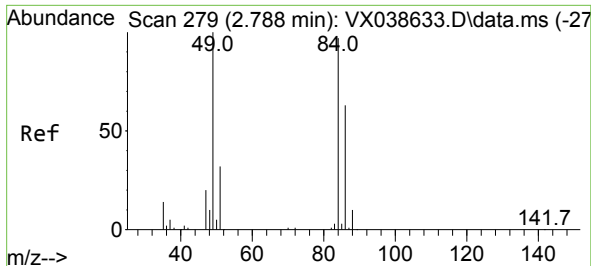
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 35.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion: 76 Resp: 2402
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#

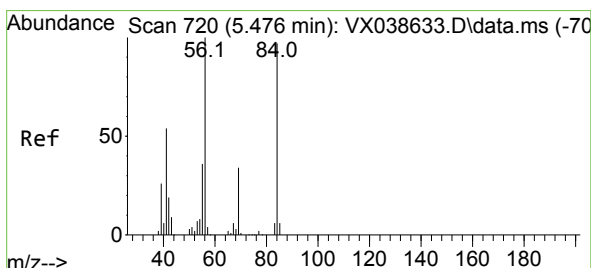
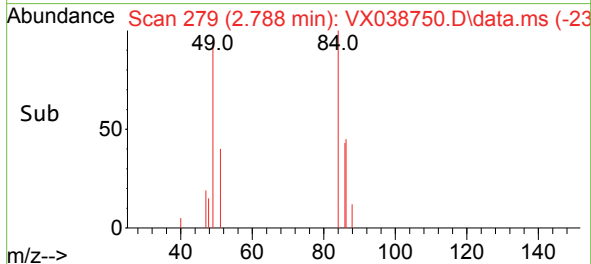
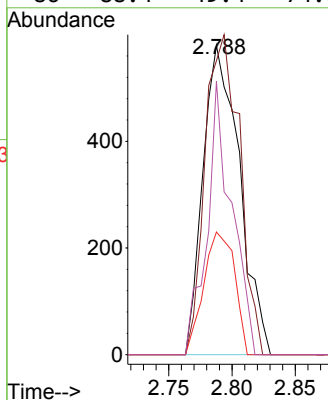
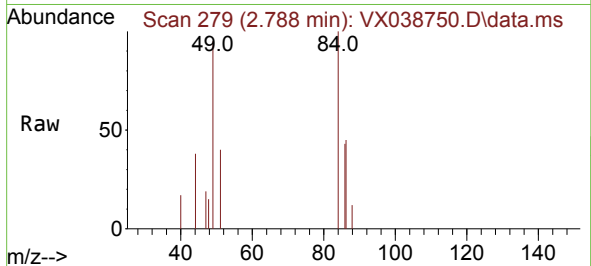




#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

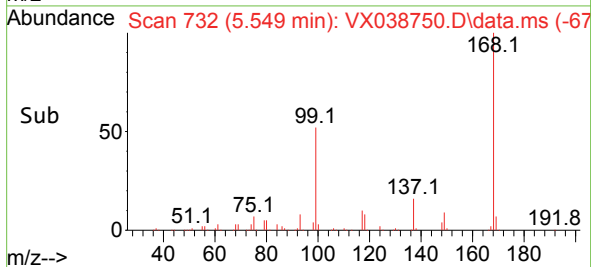
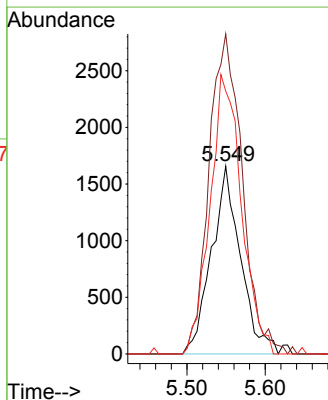
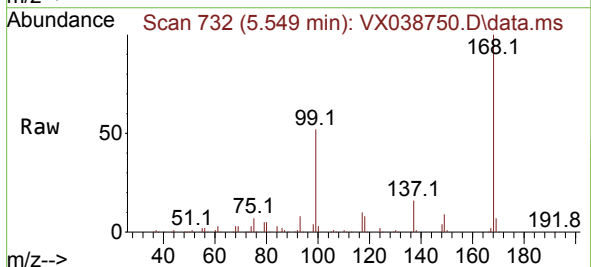
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

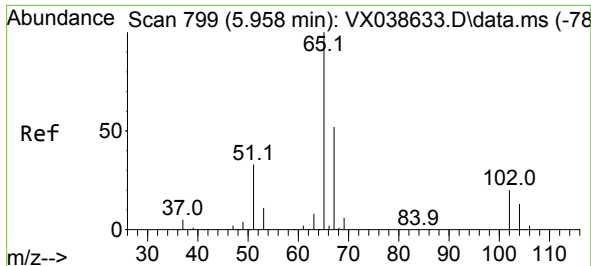
Tgt Ion:	84	Resp:	1159
Ion	Ratio	Lower	Upper
84	100		
49	95.0	103.6	155.4#
51	39.7	33.8	50.6
86	88.4	49.4	74.0#



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion:	56	Resp:	4277
Ion	Ratio	Lower	Upper
56	100		
69	170.4	23.4	35.2#
84	140.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.546 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038750.D

Acq: 11 Nov 2023 01:42

Instrument :

MSVOA_X

ClientSampleId :

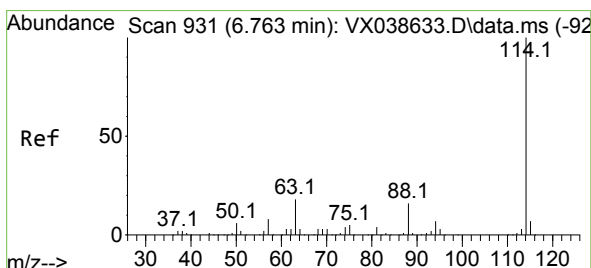
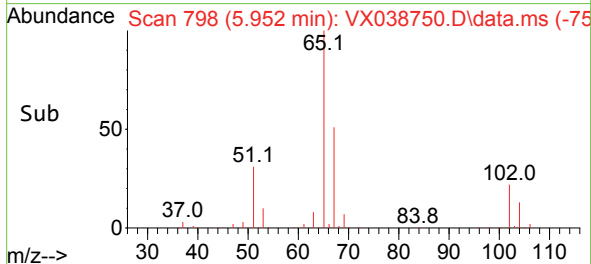
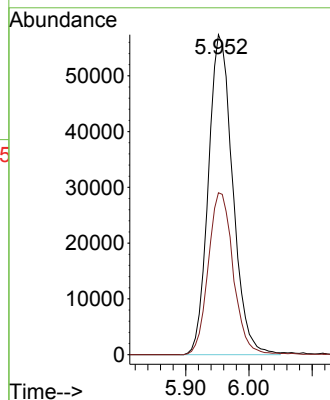
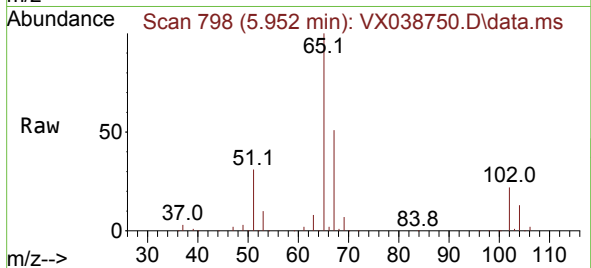
FSND-EVAL-01D-20231102DL

Tgt Ion: 65 Resp: 153218

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038750.D

Acq: 11 Nov 2023 01:42

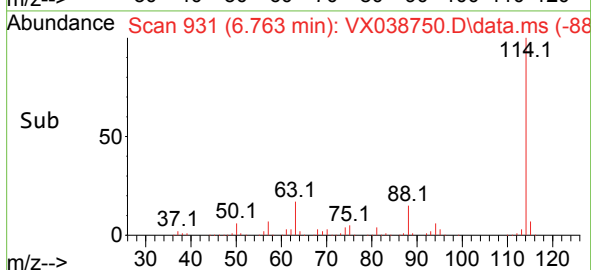
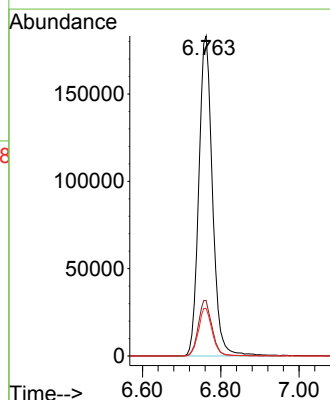
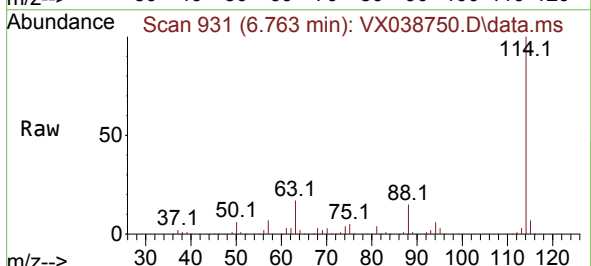
Tgt Ion: 114 Resp: 445603

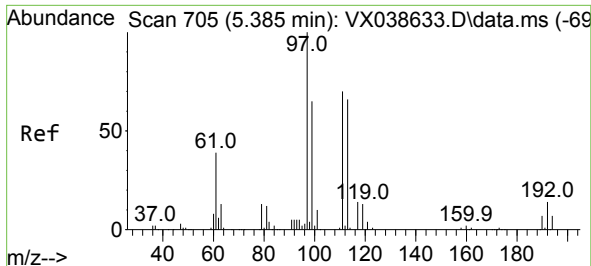
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

88 14.8 0.0 36.6

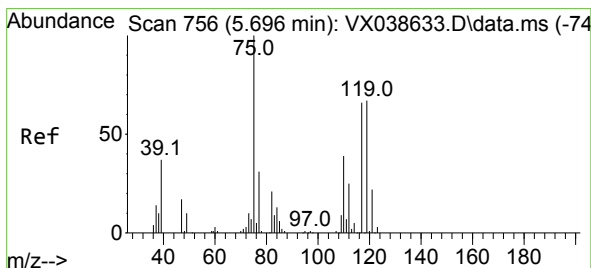
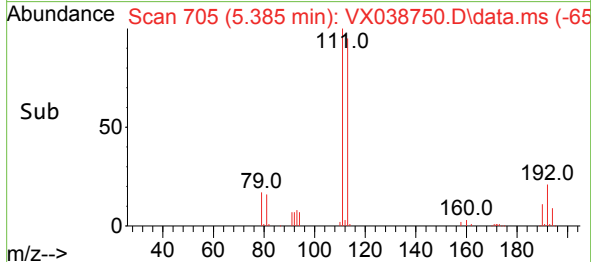
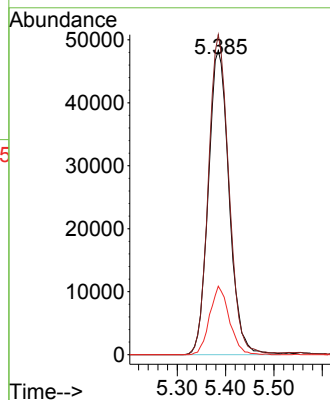
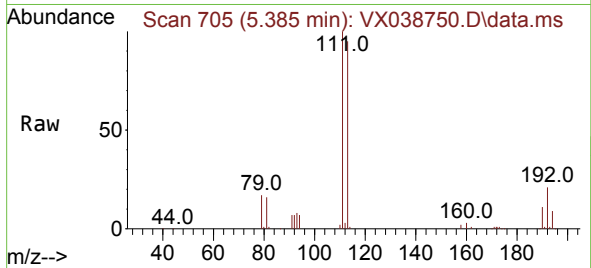




#35
Dibromofluoromethane
Concen: 44.972 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

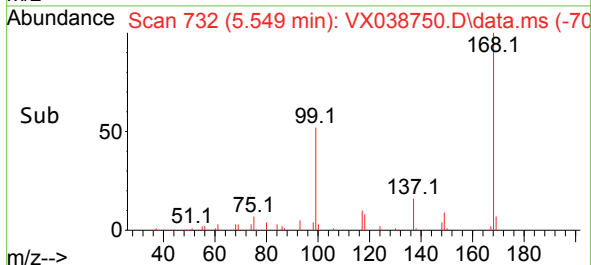
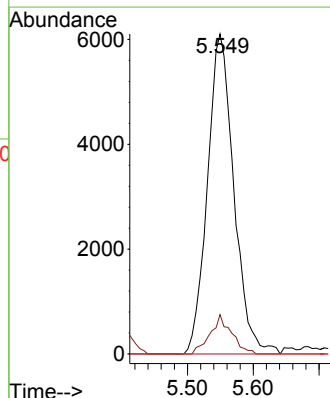
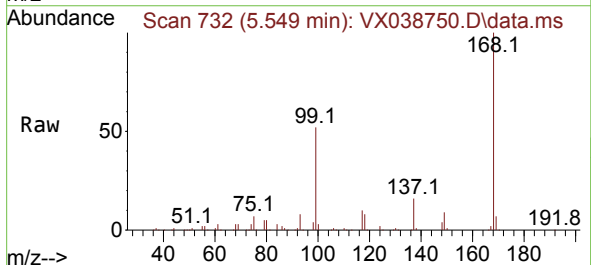
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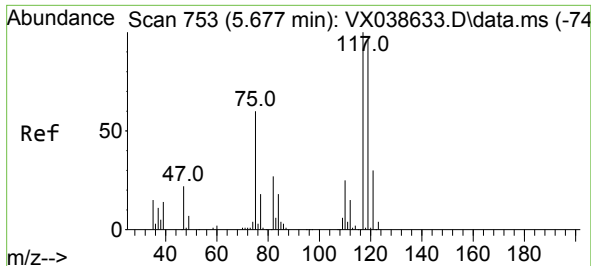
Tgt Ion:113 Resp: 144332
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 21.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion: 75 Resp: 17052
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#

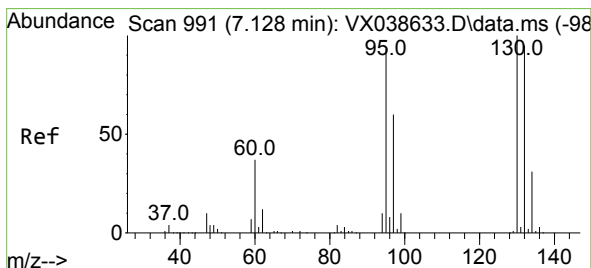
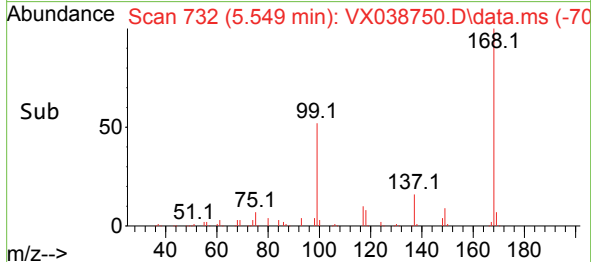
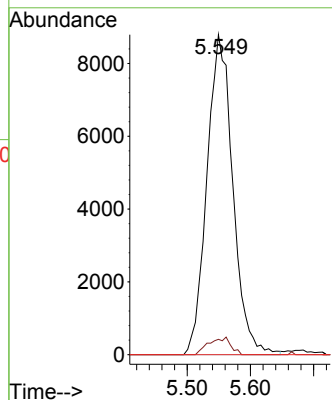
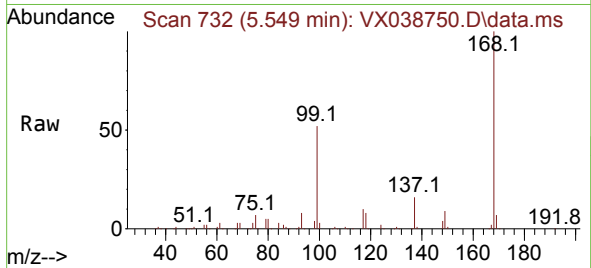




#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

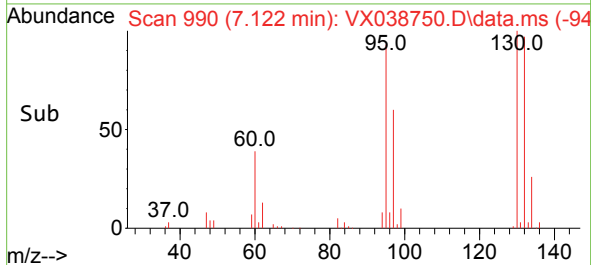
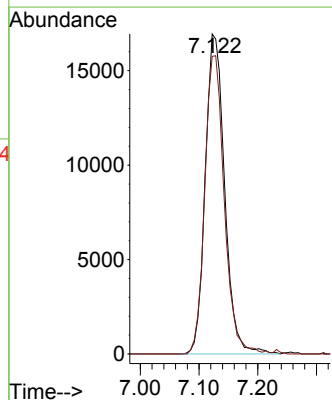
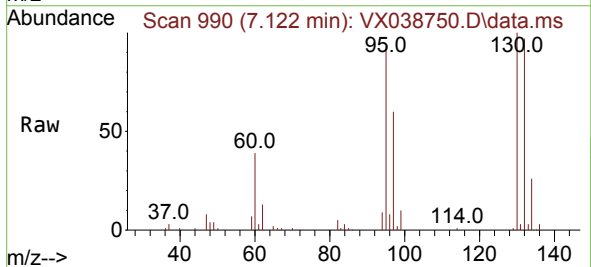
Instrument :
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FSND-EVAL-01D-20231102DL

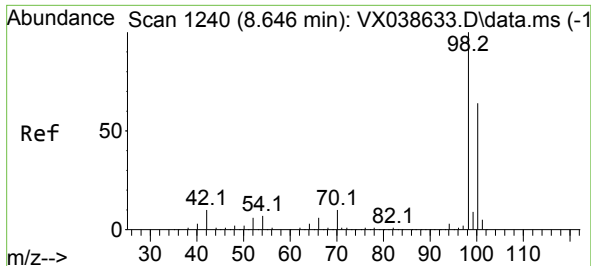
Tgt Ion:117 Resp: 24978
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 10.880 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion:130 Resp: 38871
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4

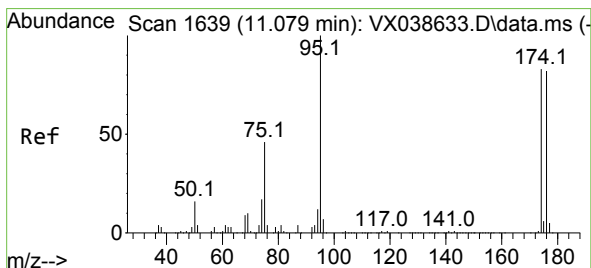
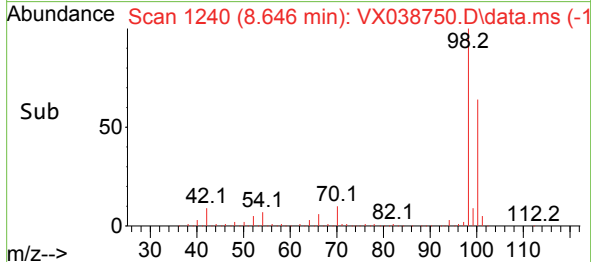
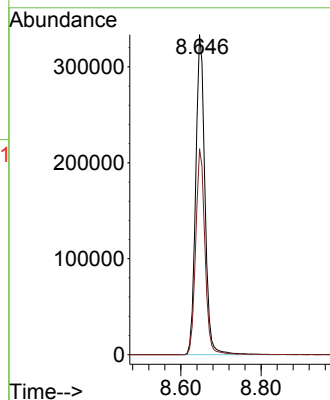
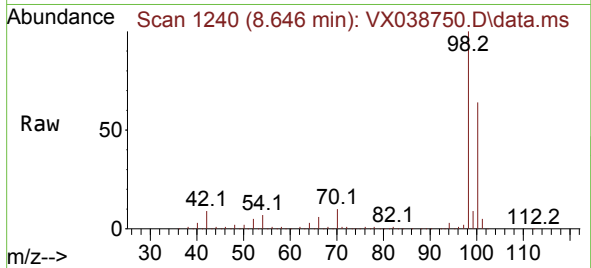




#50
Toluene-d8
Concen: 46.239 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

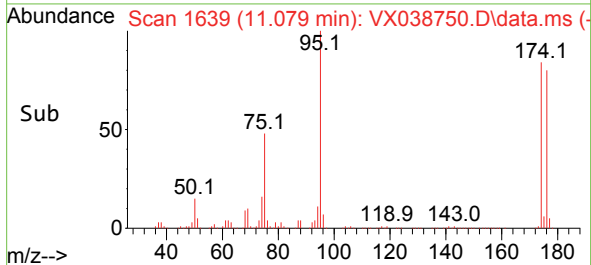
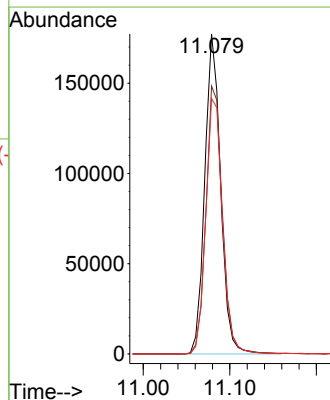
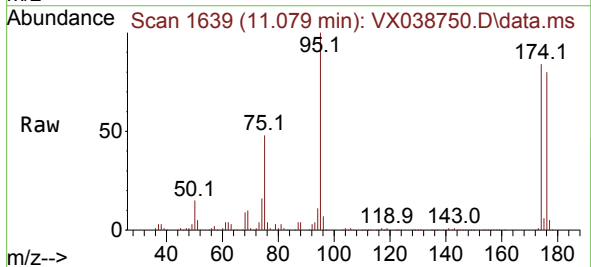
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

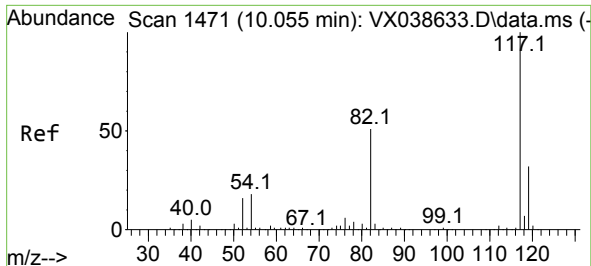
Tgt Ion: 98 Resp: 531024
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion: 95 Resp: 225015
Ion Ratio Lower Upper
95 100
174 87.8 0.0 135.6
176 84.7 0.0 131.0

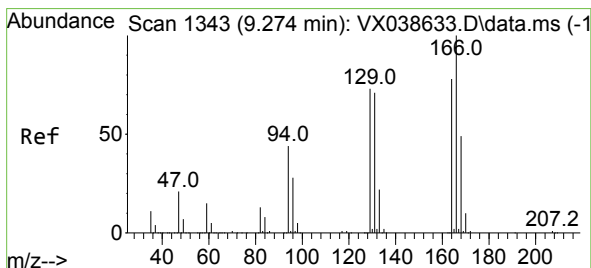
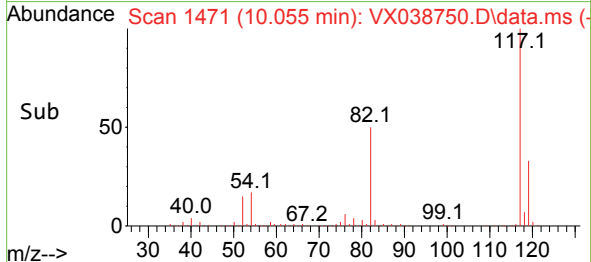
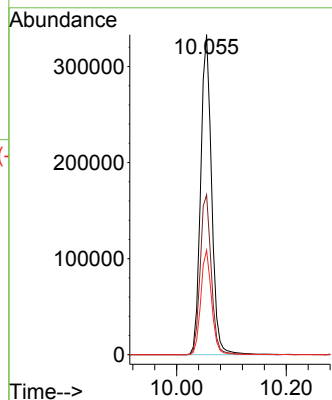
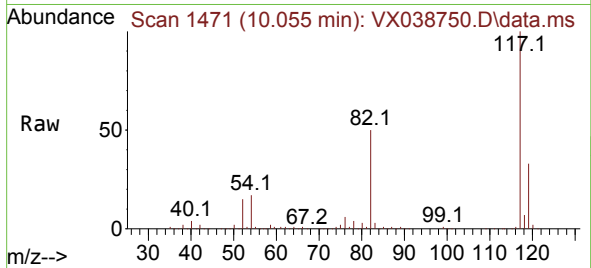




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

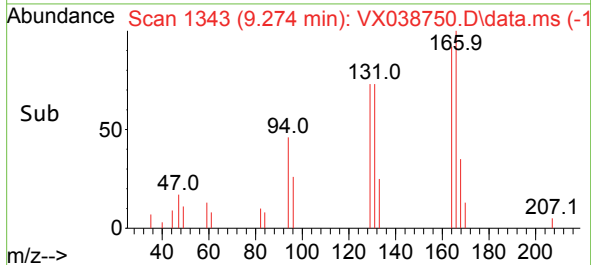
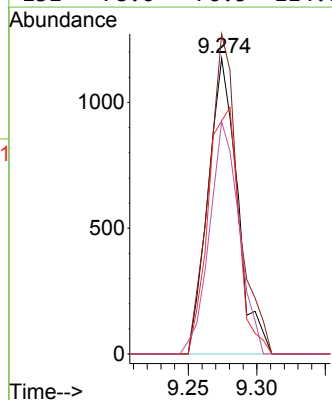
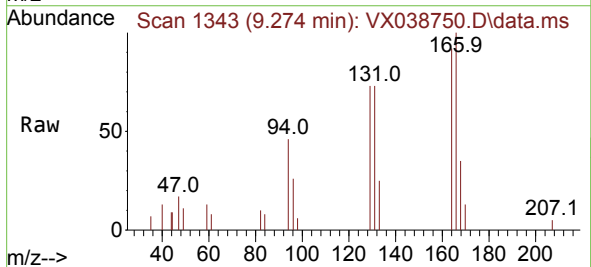
Instrument : MSVOA_X
ClientSampleId : FSND-EVAL-01D-20231102DL

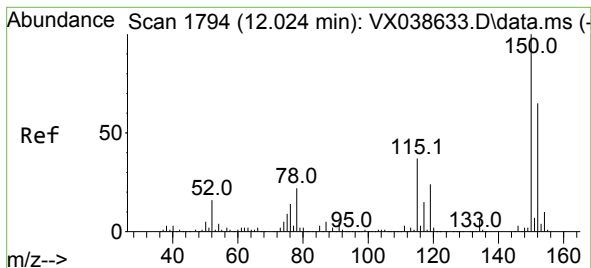
Tgt Ion:117 Resp: 461771
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.505 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion:164 Resp: 1744
Ion Ratio Lower Upper
164 100
166 108.3 102.7 154.1
129 78.8 80.4 120.6#
131 78.6 76.5 114.7

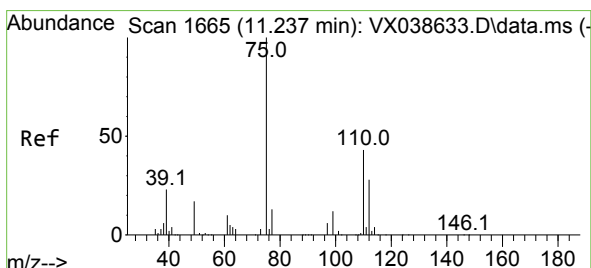
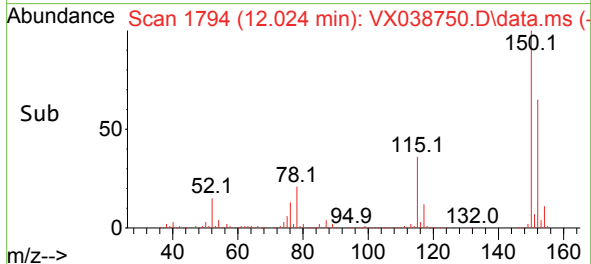
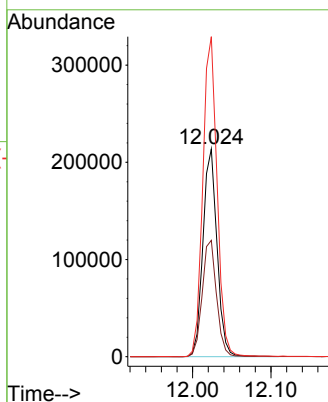
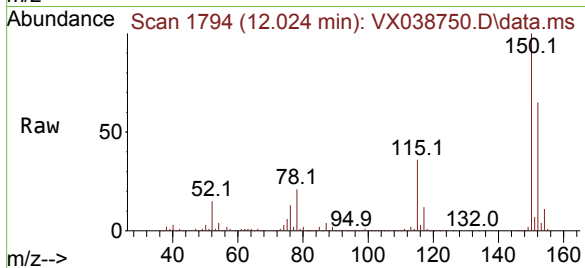




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

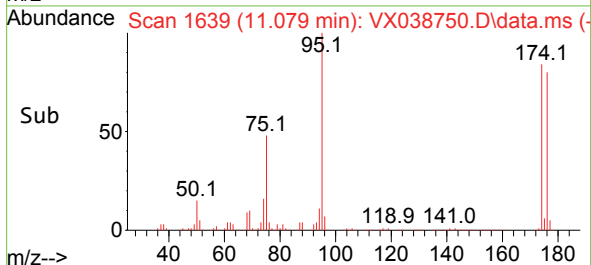
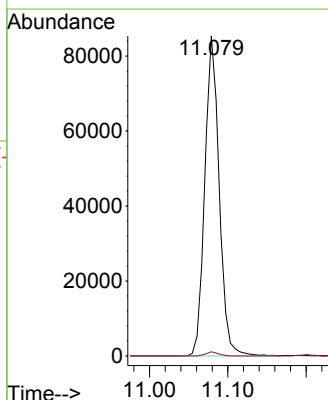
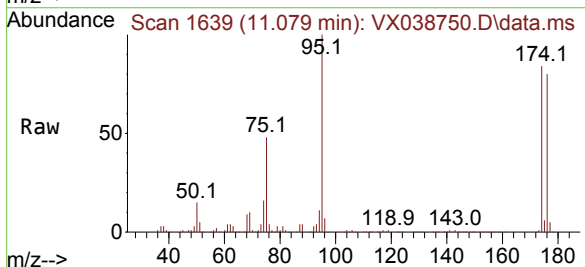
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

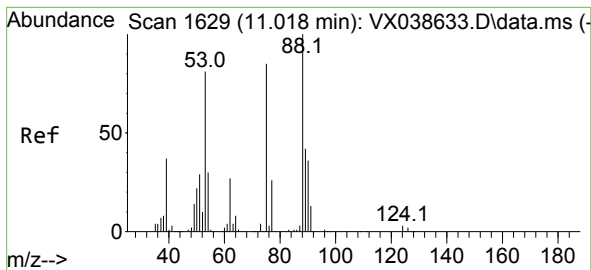
Tgt Ion:152 Resp: 266766
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.9
150 155.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion: 75 Resp: 108748
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

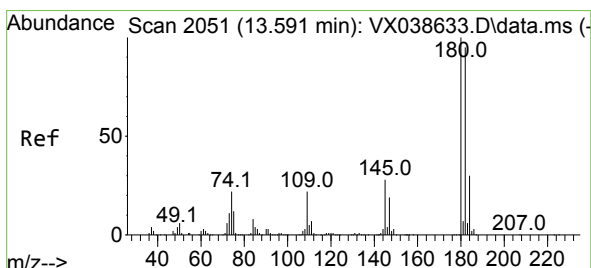
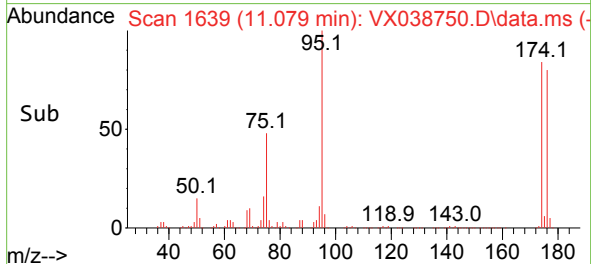
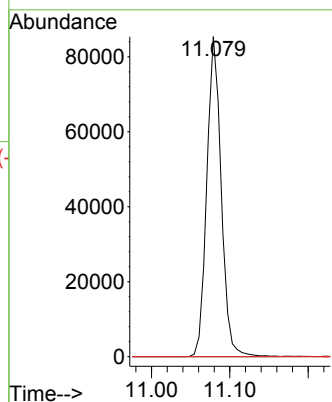
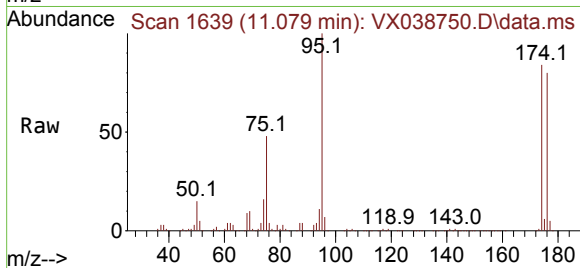




#81
trans-1,4-Dichloro-2-butene
Concen: 62.708 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

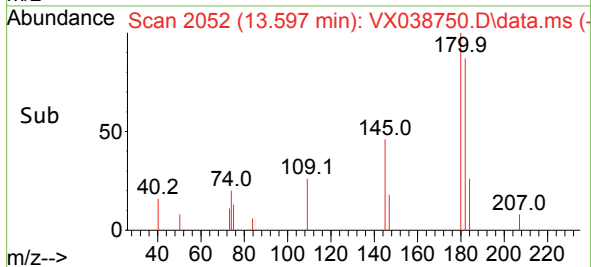
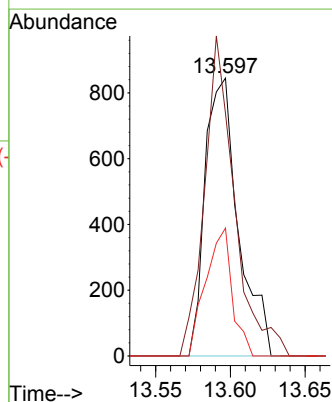
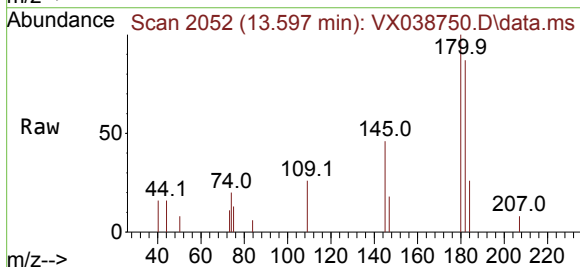
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

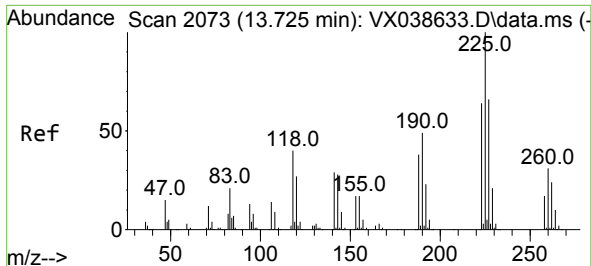
Tgt Ion: 75 Resp: 108748
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion:180 Resp: 1309
Ion Ratio Lower Upper
180 100
182 103.9 48.3 144.8
145 36.5 18.0 54.0

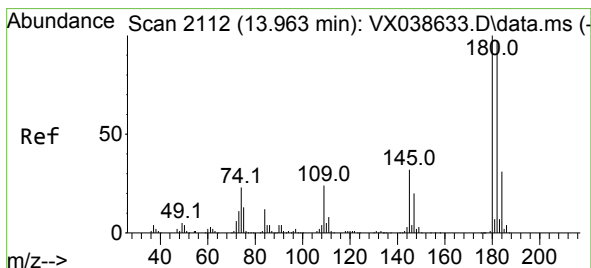
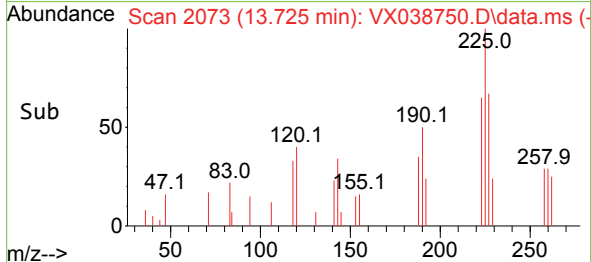
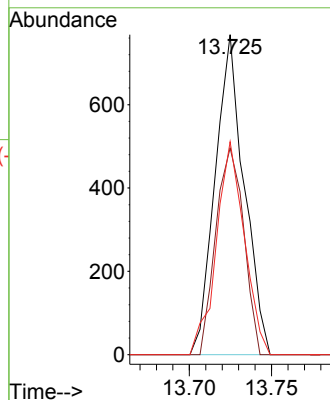
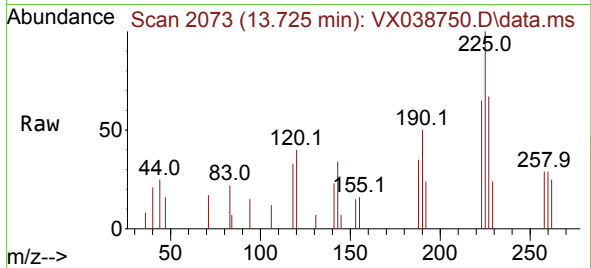




#94
Hexachlorobutadiene
Concen: 0.364 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01D-20231102DL

Tgt Ion:225 Resp: 941
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.2
227 64.4 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.216 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038750.D
Acq: 11 Nov 2023 01:42

Tgt Ion:180 Resp: 1279
Ion Ratio Lower Upper
180 100
182 84.4 46.9 140.6
145 29.6 17.8 53.5

