

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038874.D
 Acq On : 17 Nov 2023 12:47
 Operator : JC/MD
 Sample : 05363-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-8

Quant Time: Nov 17 22:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

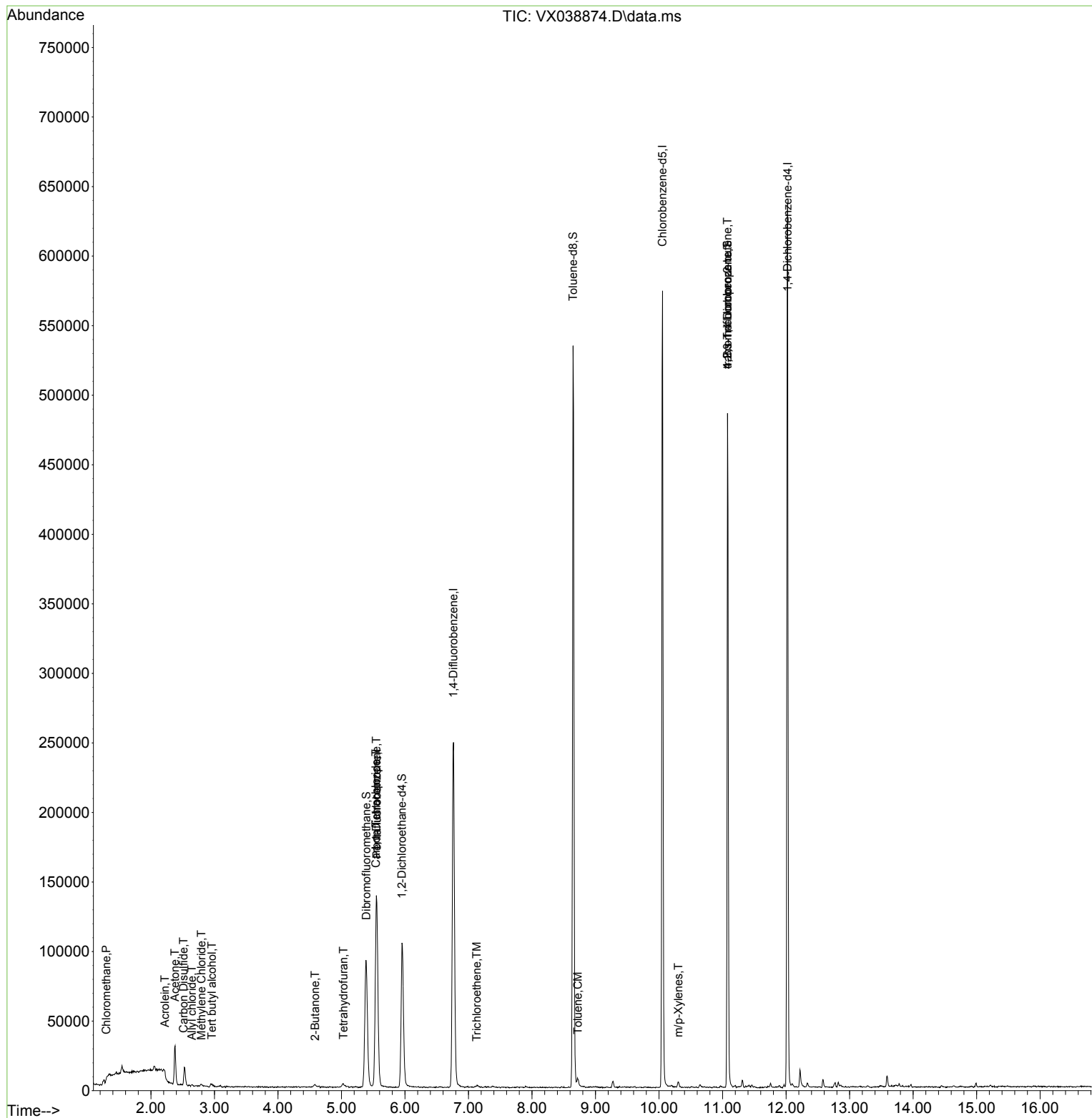
Internal Standards						
1) Pentafluorobenzene	5.556	168	125653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94545	46.696	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.400%		
35) Dibromofluoromethane	5.391	113	81374	44.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.300%		
50) Toluene-d8	8.647	98	320399	45.438	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.880%#		
62) 4-Bromofluorobenzene	11.079	95	134741	47.735	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.460%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	556	0.291	ug/l #	43
11) Tert butyl alcohol	2.959	59	2641	4.690	ug/l	97
13) Acrolein	2.221	56	429	1.440	ug/l #	41
14) Allyl chloride	2.642	41	1584	0.505	ug/l #	37
16) Acetone	2.379	43	28558	26.496	ug/l #	86
17) Carbon Disulfide	2.514	76	1157	0.238	ug/l #	91
20) Methylene Chloride	2.794	84	768	0.395	ug/l #	71
25) 2-Butanone	4.586	43	2082	1.191	ug/l	99
29) Tetrahydrofuran	5.031	42	2525	2.275	ug/l #	78
36) 1,1-Dichloropropene	5.550	75	11083	4.196	ug/l #	52
38) Carbon Tetrachloride	5.544	117	13371	5.477	ug/l #	14
44) Trichloroethene	7.129	130	569	0.299	ug/l	60
52) Toluene	8.720	92	2039	0.421	ug/l	99
68) m/p-Xylenes	10.305	106	1057	0.276	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	69425	21.310	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69425	47.268	ug/l #	5

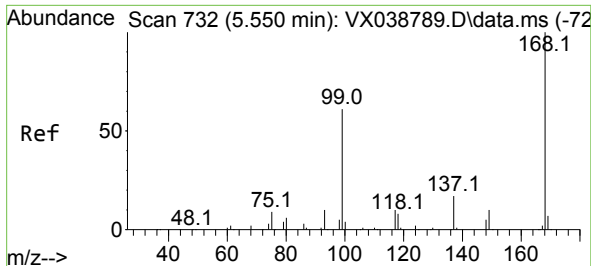
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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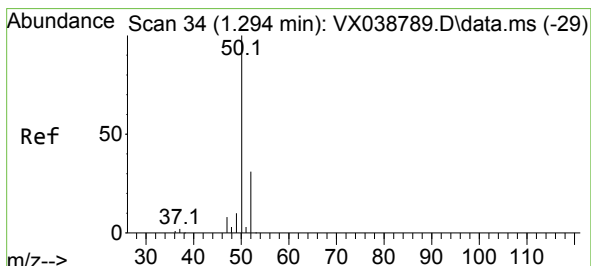
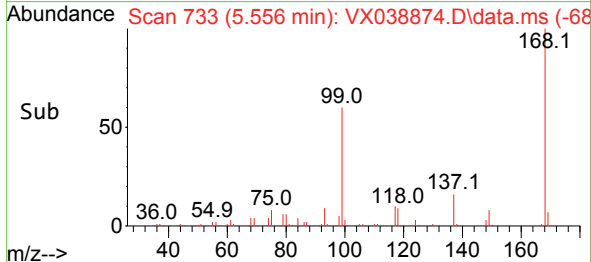
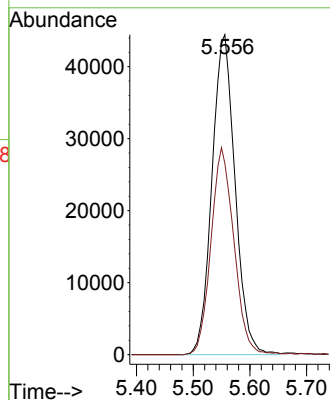
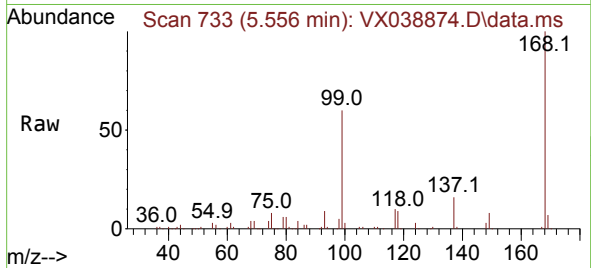




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

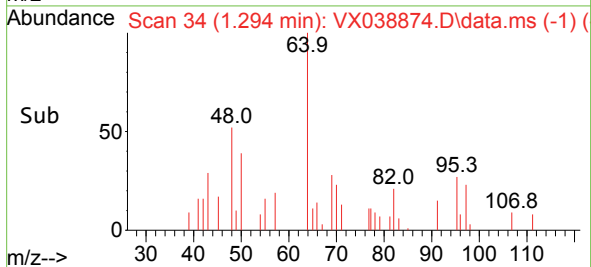
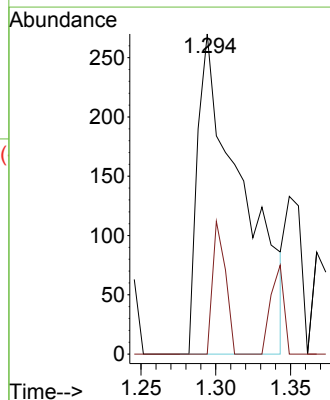
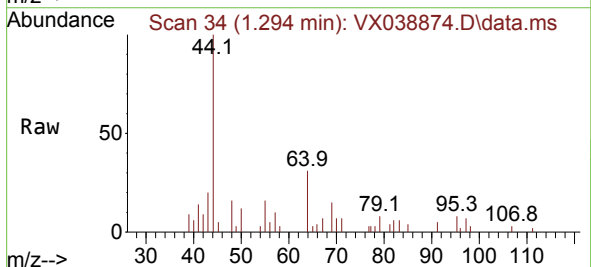
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

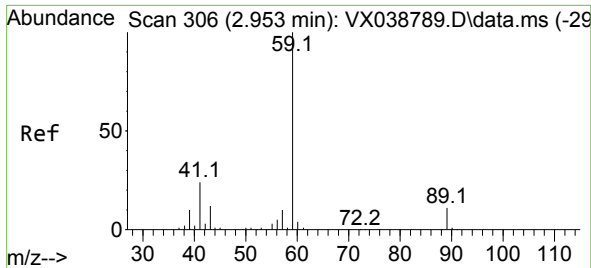
Tgt Ion:168 Resp: 125653
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion: 50 Resp: 556
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

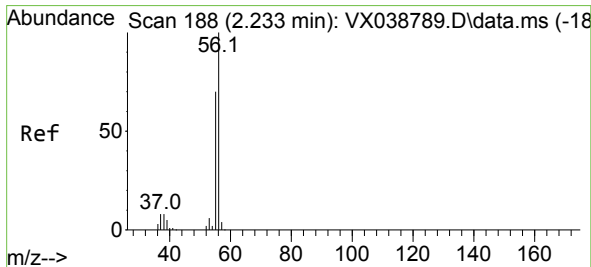
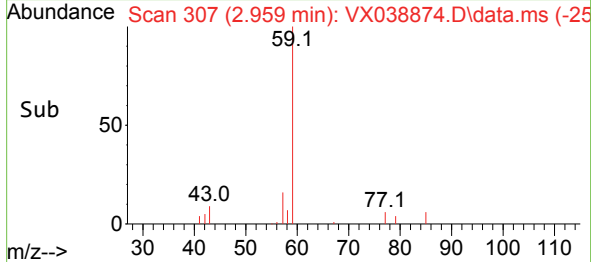
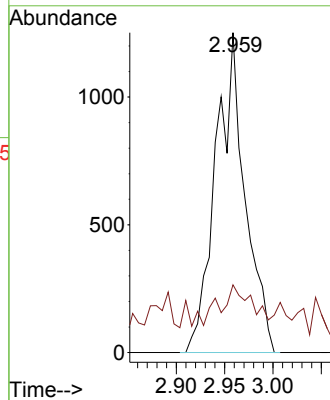
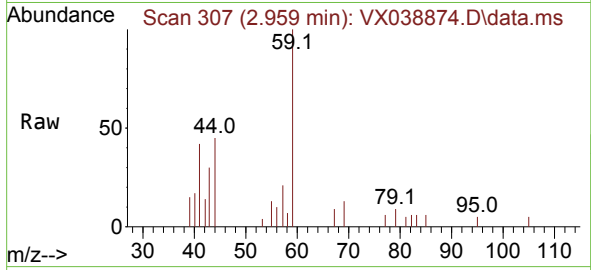




#11
Tert butyl alcohol
Concen: 4.690 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

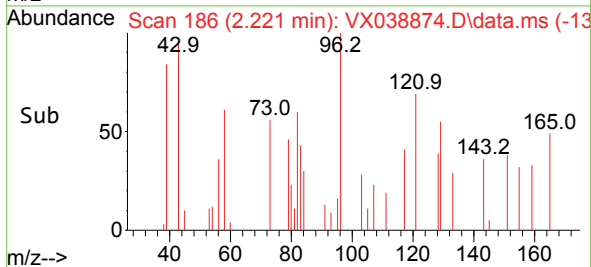
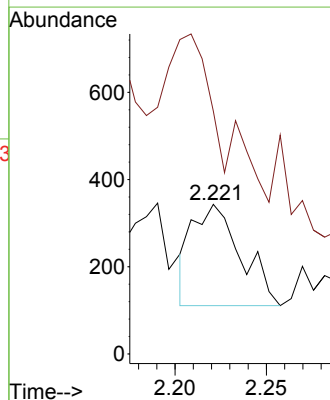
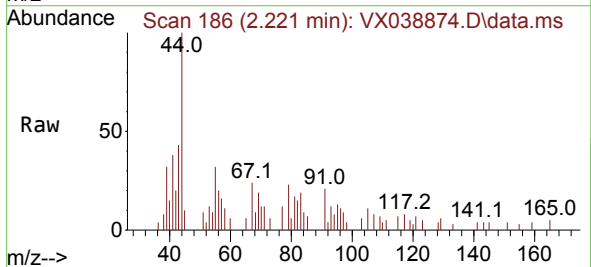
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

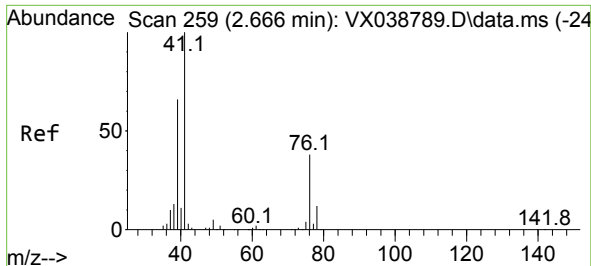
Tgt Ion: 59 Resp: 2641
Ion Ratio Lower Upper
59 100
57 8.4 6.0 9.0



#13
Acrolein
Concen: 1.440 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion: 56 Resp: 429
Ion Ratio Lower Upper
56 100
55 120.7 57.1 85.7#

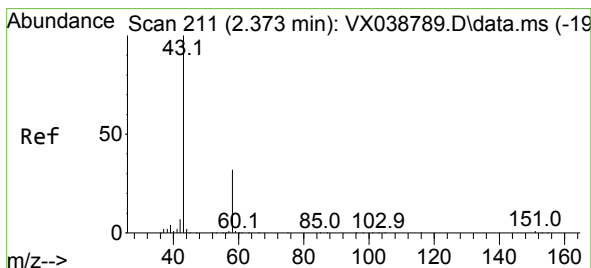
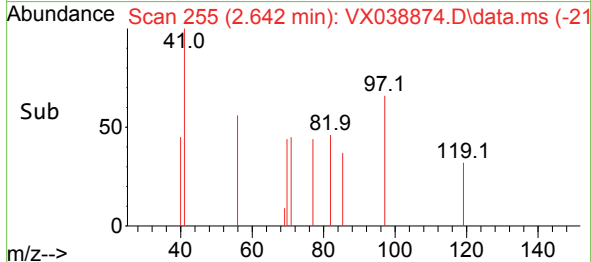
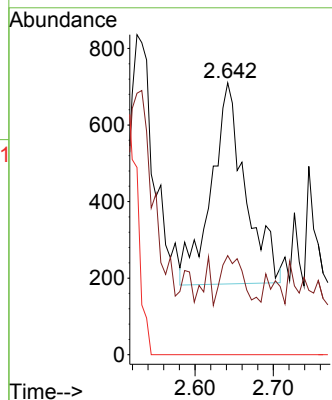
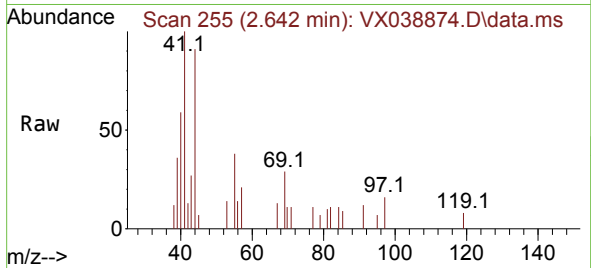




#14
 Allyl chloride
 Concen: 0.505 ug/l
 RT: 2.642 min Scan# 211
 Delta R.T. -0.024 min
 Lab File: VX038874.D
 Acq: 17 Nov 2023 12:47

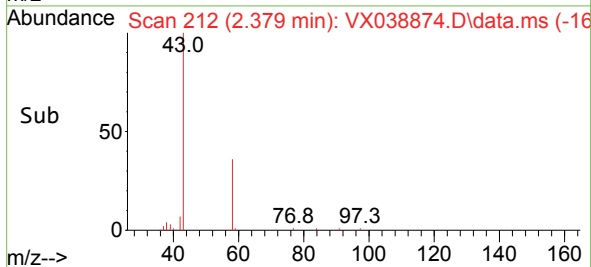
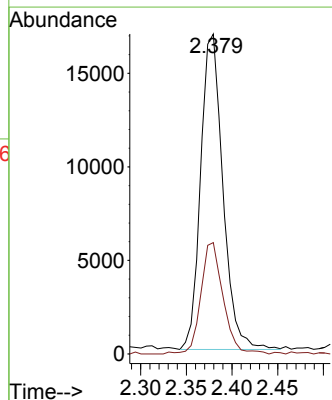
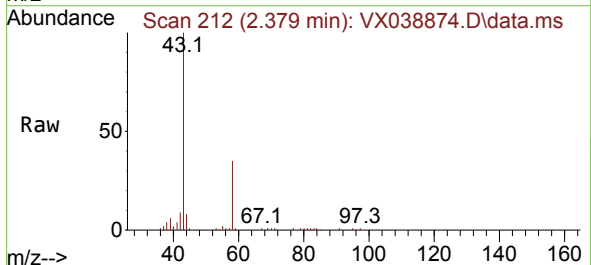
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-8

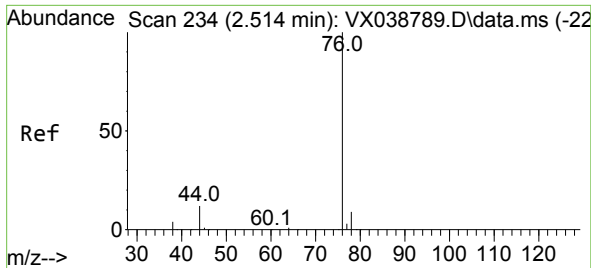
Tgt Ion: 41 Resp: 1584
 Ion Ratio Lower Upper
 41 100
 39 15.2 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 26.496 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VX038874.D
 Acq: 17 Nov 2023 12:47

Tgt Ion: 43 Resp: 28558
 Ion Ratio Lower Upper
 43 100
 58 34.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038874.D

Acq: 17 Nov 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

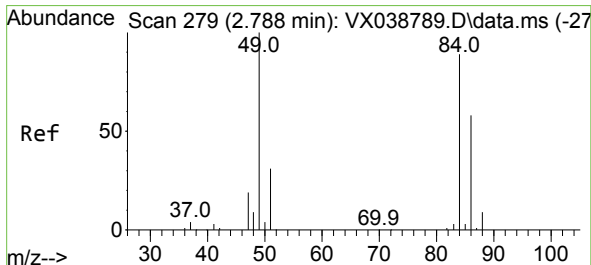
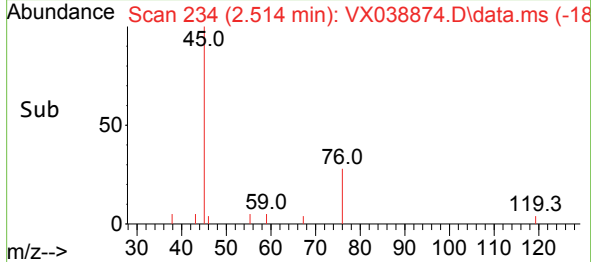
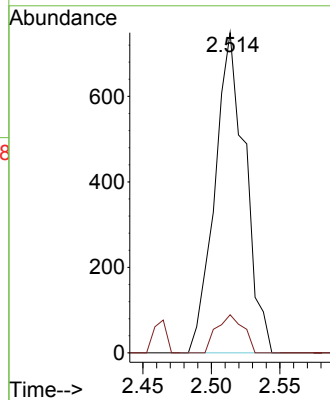
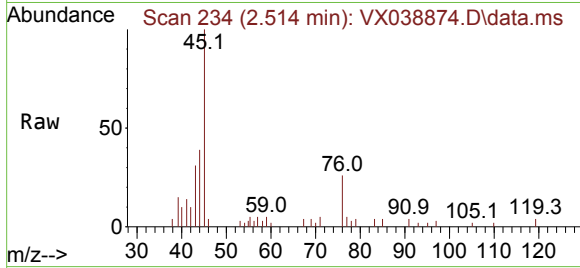
FSND-TB-8

Tgt Ion: 76 Resp: 1157

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.395 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038874.D

Acq: 17 Nov 2023 12:47

Tgt Ion: 84 Resp: 768

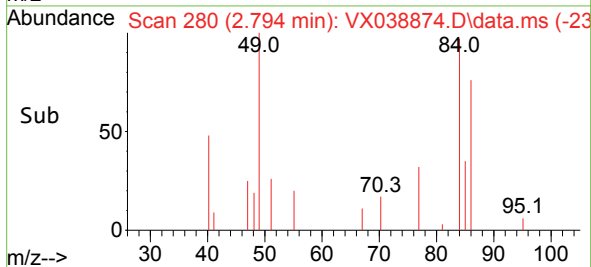
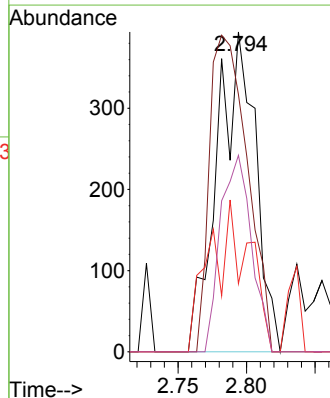
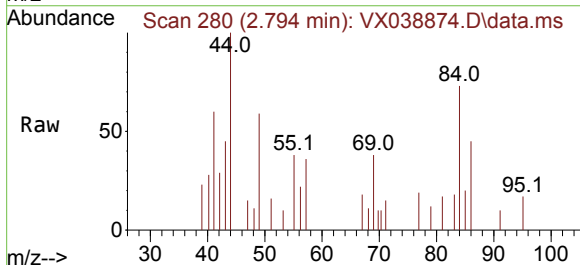
Ion Ratio Lower Upper

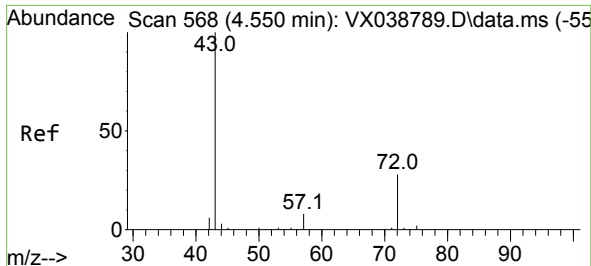
84 100

49 80.5 103.6 155.4#

51 21.3 33.8 50.6#

86 61.4 49.4 74.0

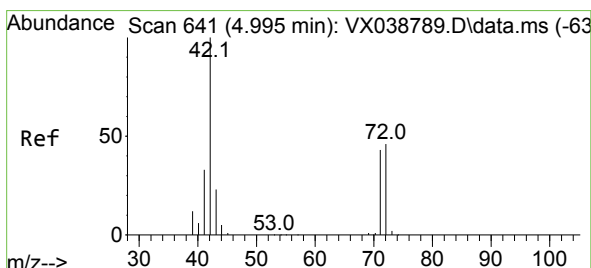
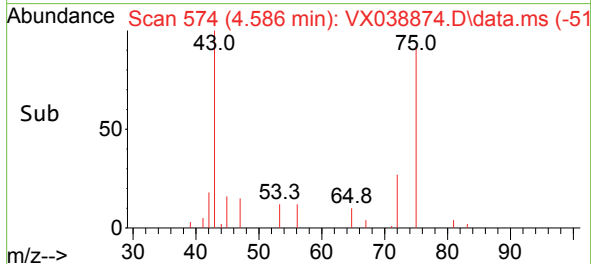
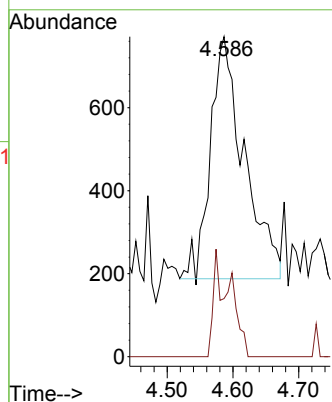
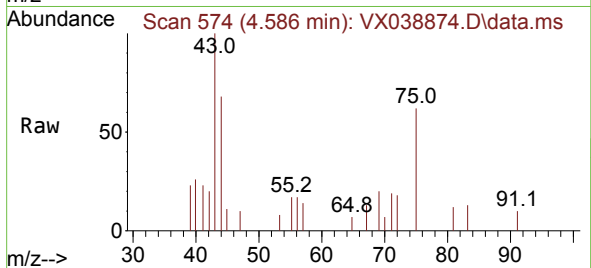




#25
2-Butanone
Concen: 1.191 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

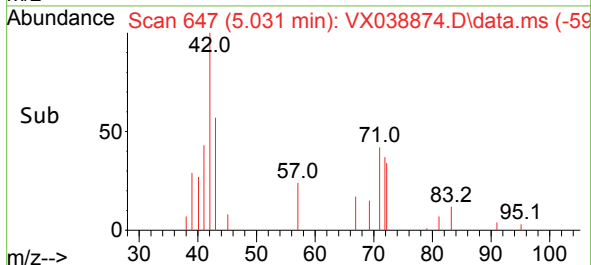
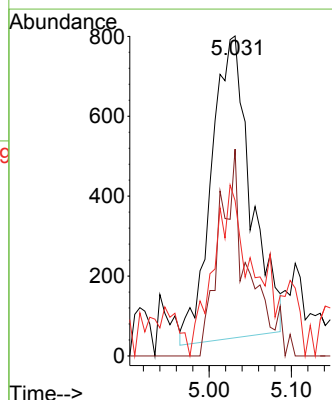
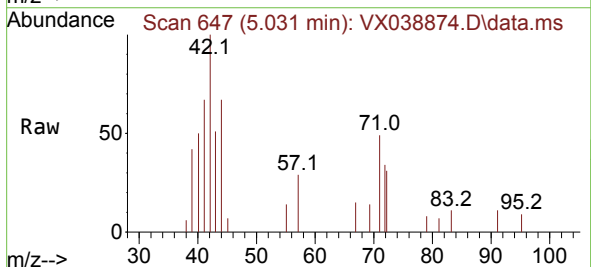
Instrument :
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FSND-TB-8

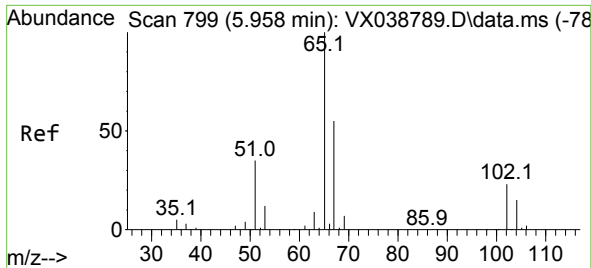
Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2



#29
Tetrahydrofuran
Concen: 2.275 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.036 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion: 42 Resp: 2525
Ion Ratio Lower Upper
42 100
72 50.2 34.2 51.4
71 60.7 32.2 48.2#

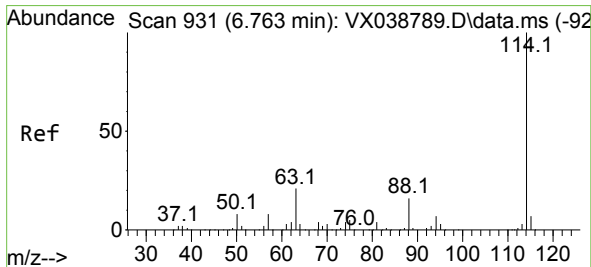
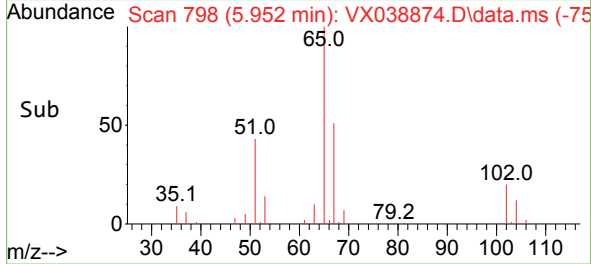
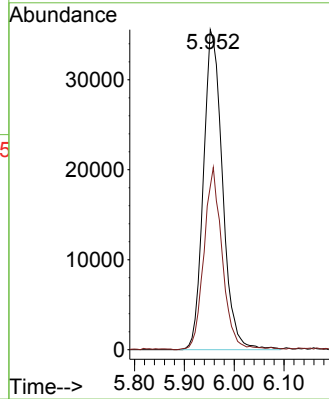
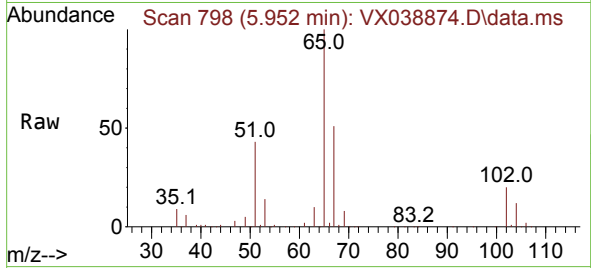




#33
1,2-Dichloroethane-d4
Concen: 46.696 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

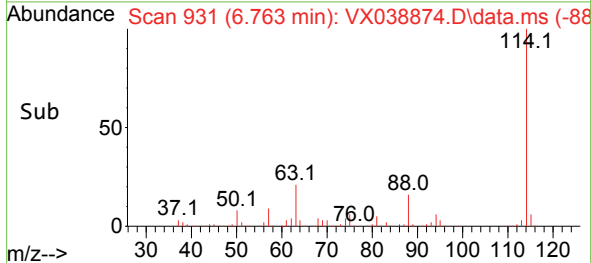
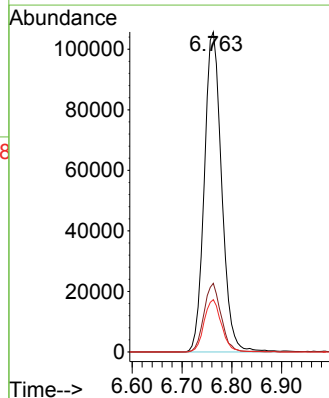
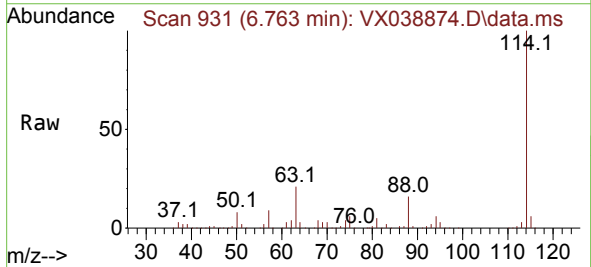
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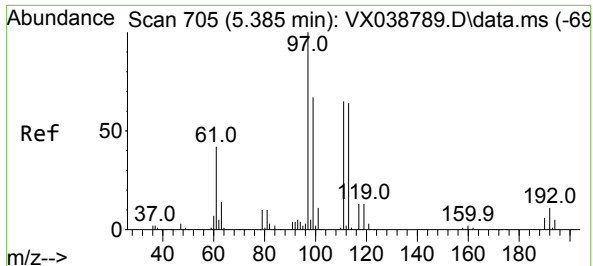
Tgt Ion: 65 Resp: 94545
Ion Ratio Lower Upper
65 100
67 54.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion: 114 Resp: 255181
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.3 0.0 36.6

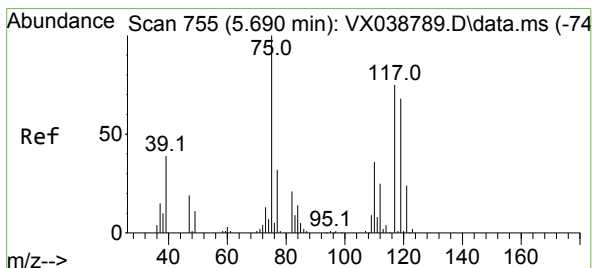
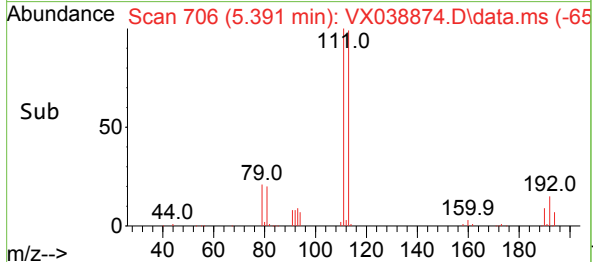
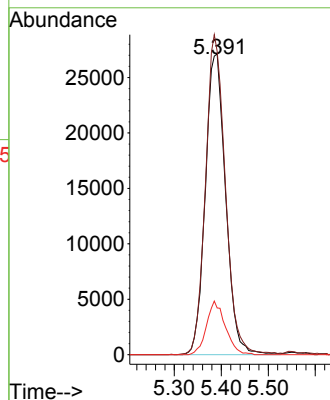
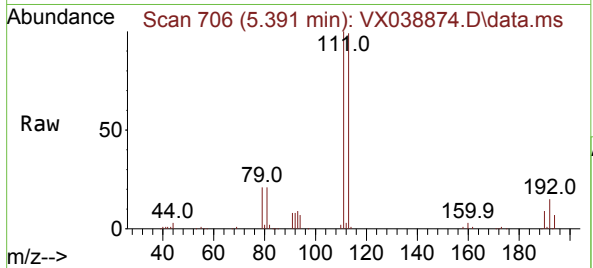




#35
Dibromofluoromethane
Concen: 44.154 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

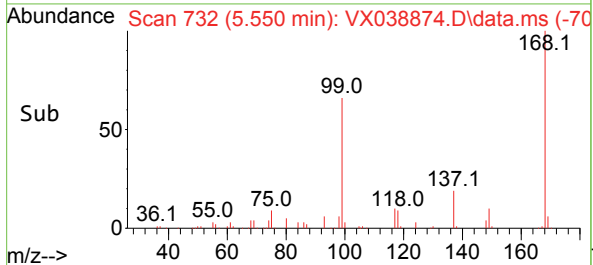
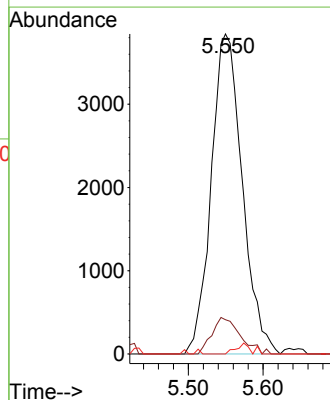
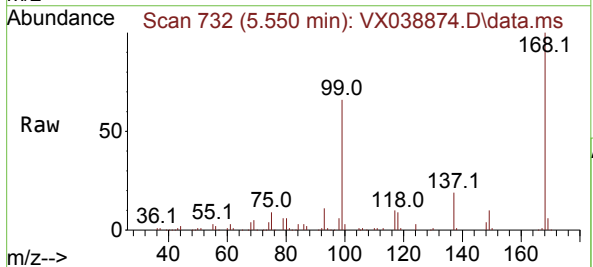
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

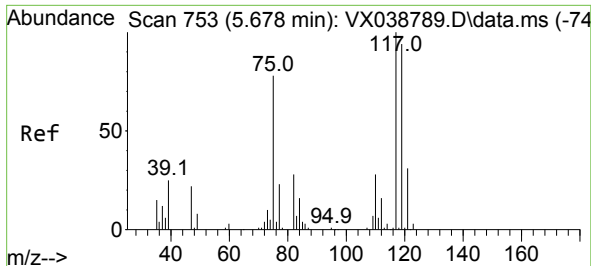
Tgt Ion:113 Resp: 81374
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.196 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

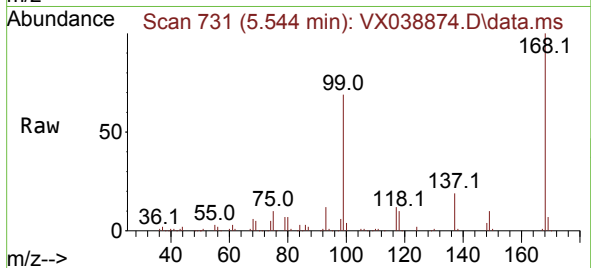
Tgt Ion: 75 Resp: 11083
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



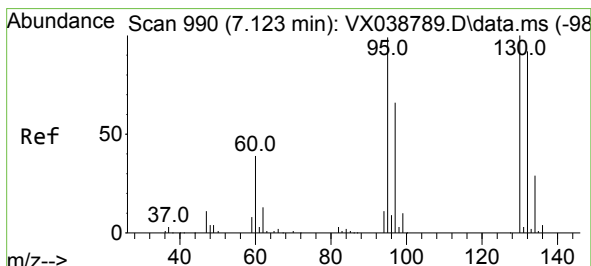
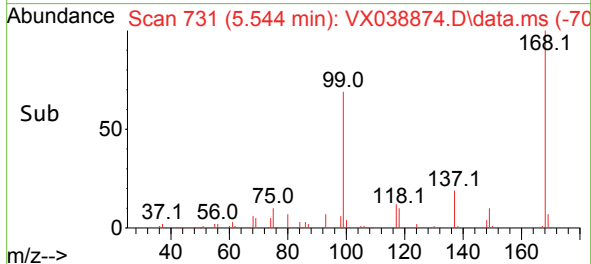
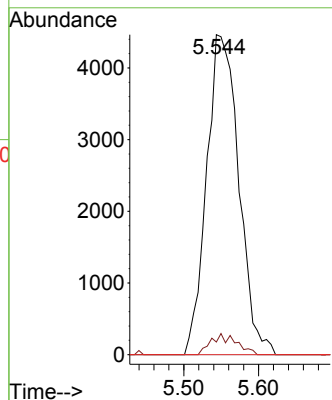


#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

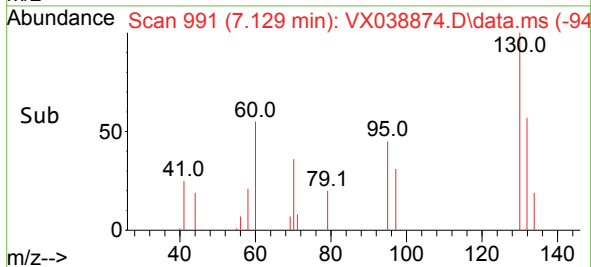
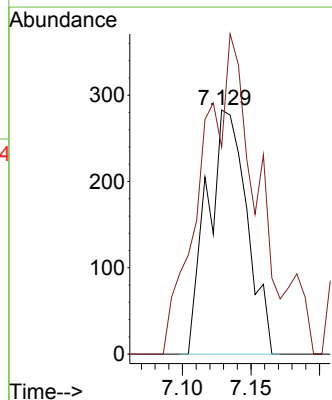
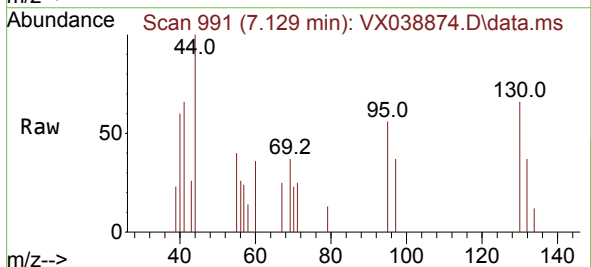


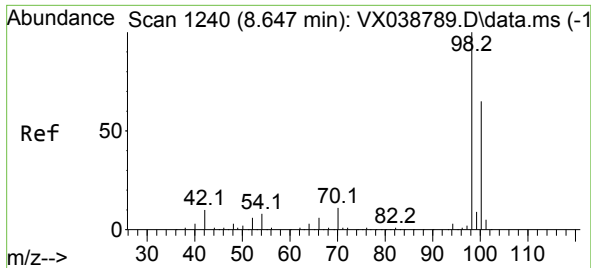
Tgt Ion:117 Resp: 13371
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.299 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion:130 Resp: 569
Ion Ratio Lower Upper
130 100
95 62.2 0.0 204.4

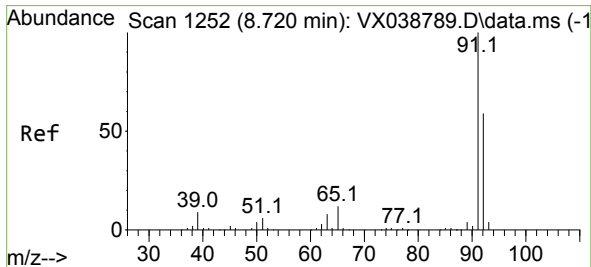
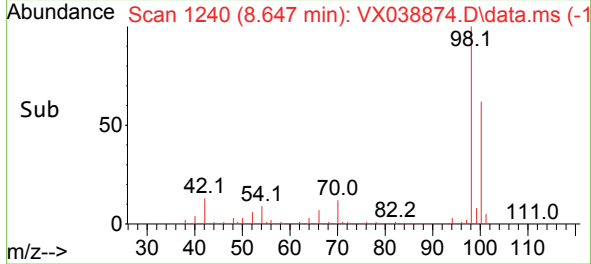
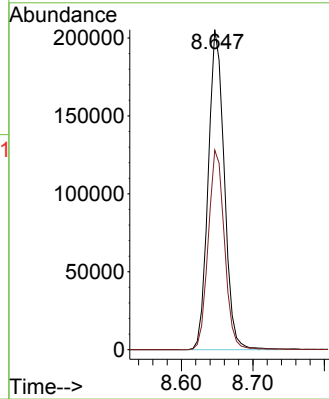
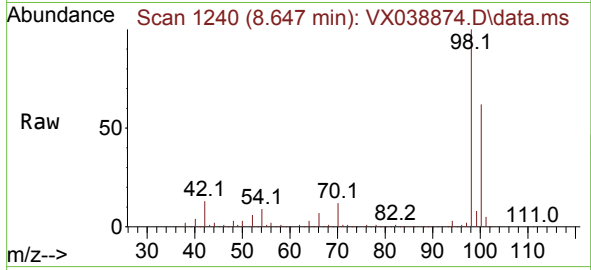




#50
Toluene-d8
Concen: 45.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

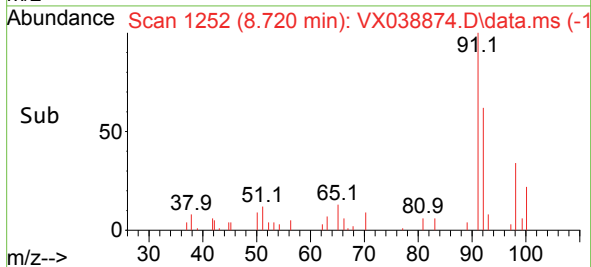
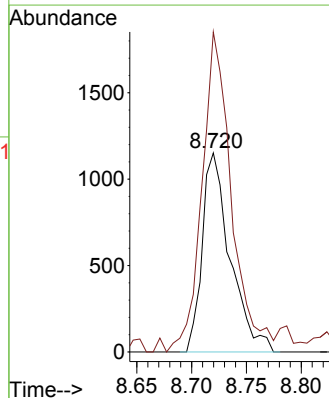
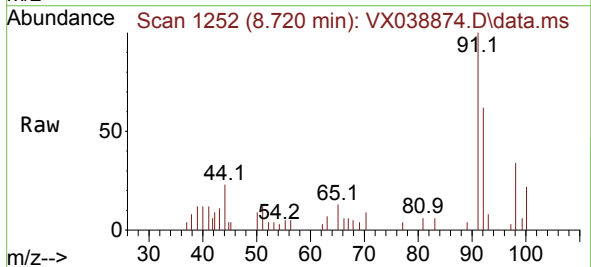
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

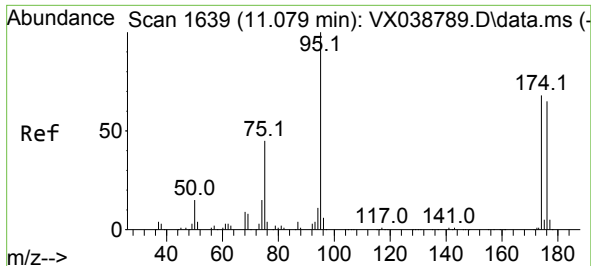
Tgt Ion: 98 Resp: 320399
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#52
Toluene
Concen: 0.421 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion: 92 Resp: 2039
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2

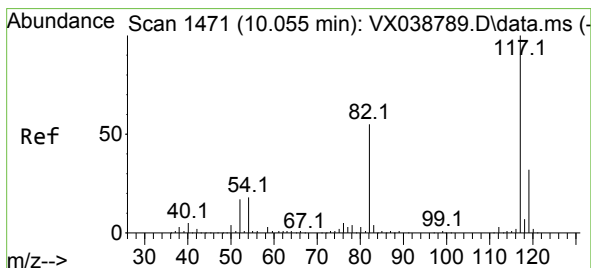
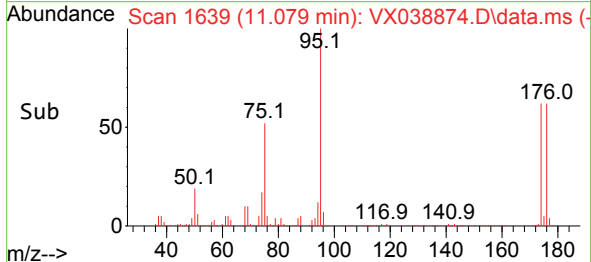
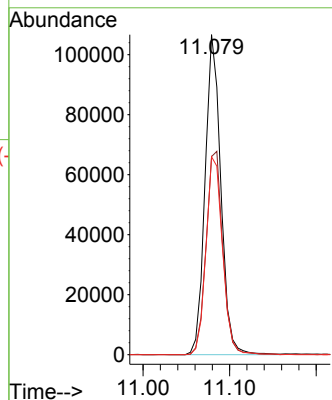
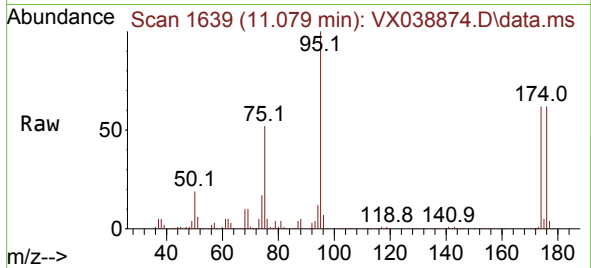




#62
4-Bromofluorobenzene
Concen: 47.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

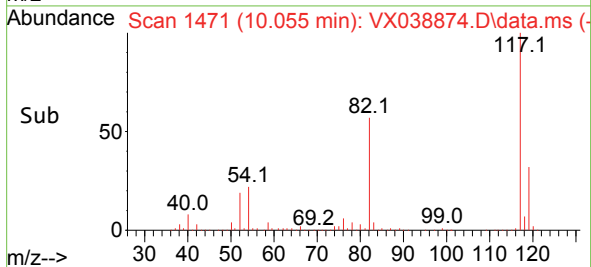
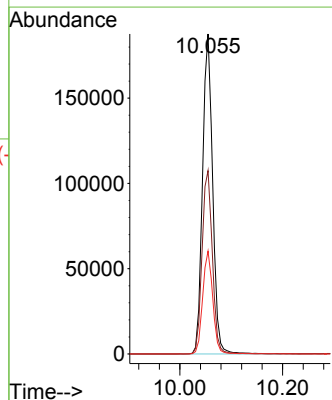
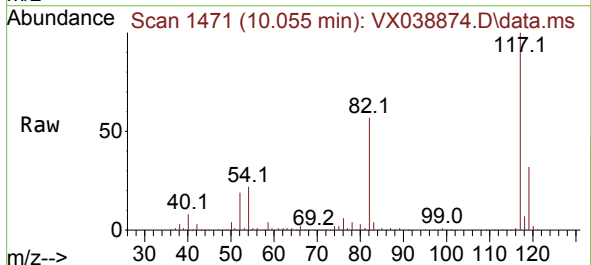
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

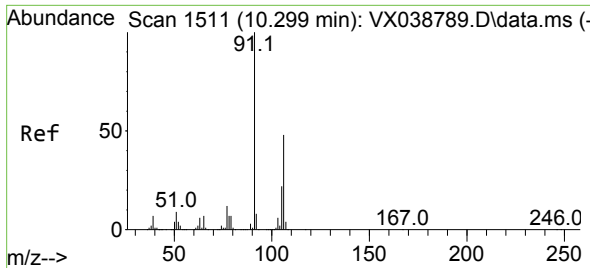
Tgt Ion: 95 Resp: 134741
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.6
176 65.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion: 117 Resp: 255977
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.2 25.5 38.3

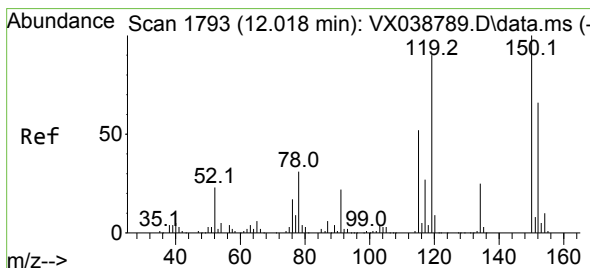
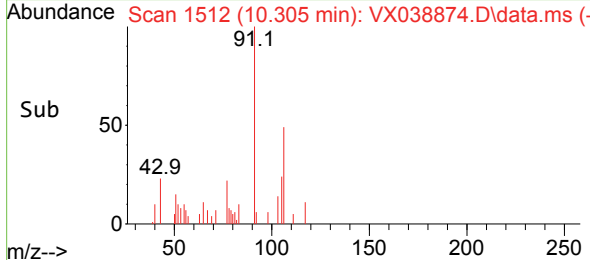
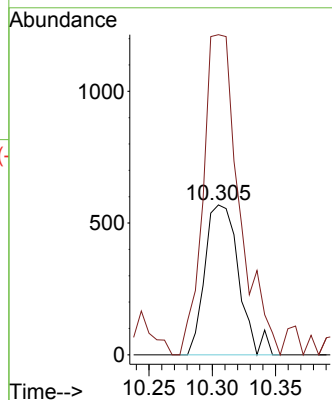
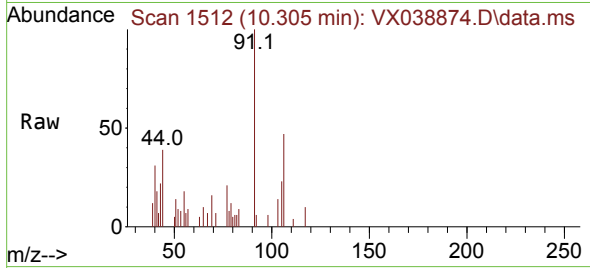




#68
m/p-Xylenes
Concen: 0.276 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

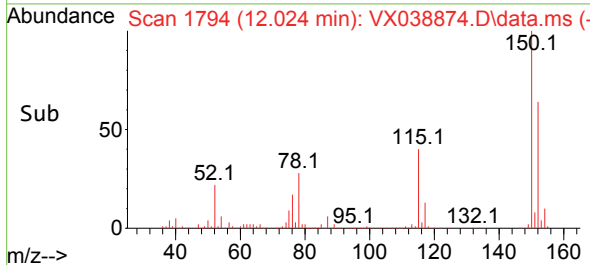
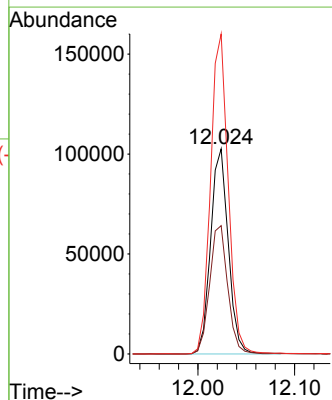
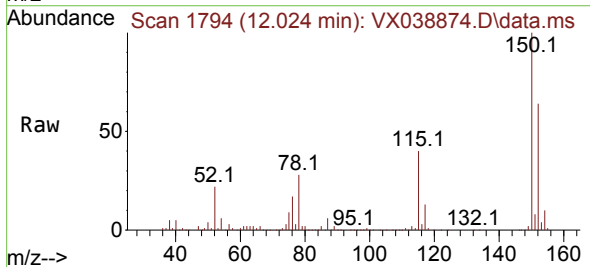
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-8

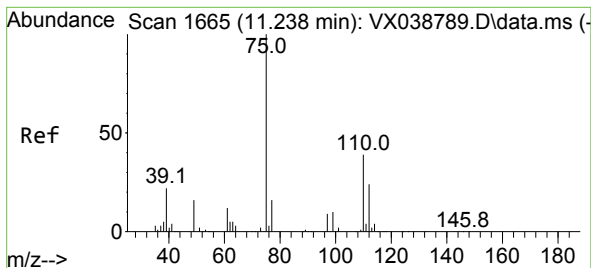
Tgt Ion:106 Resp: 1057
Ion Ratio Lower Upper
106 100
91 228.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038874.D
Acq: 17 Nov 2023 12:47

Tgt Ion:152 Resp: 130575
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.310 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038874.D

Acq: 17 Nov 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

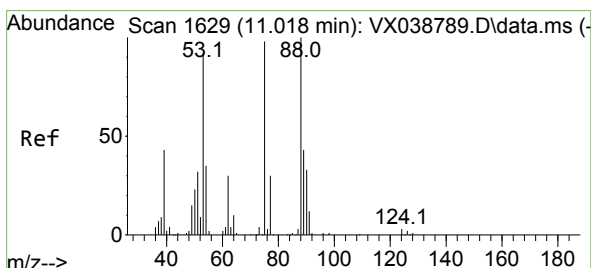
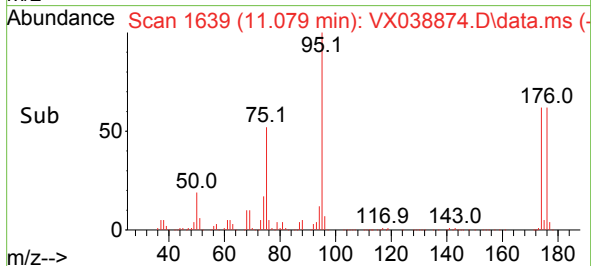
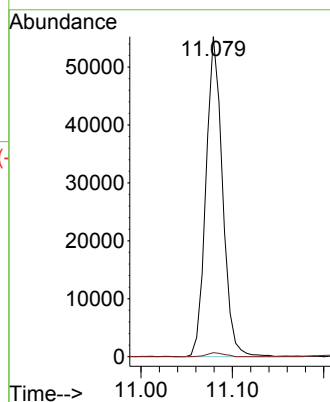
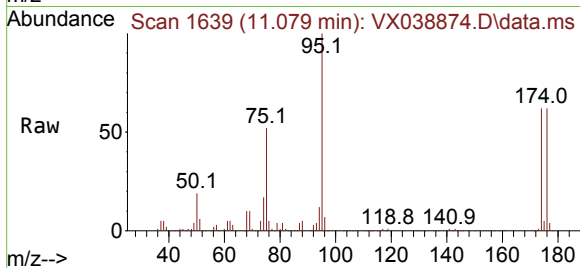
FSND-TB-8

Tgt Ion: 75 Resp: 69425

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.268 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038874.D

Acq: 17 Nov 2023 12:47

Tgt Ion: 75 Resp: 69425

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.0 36.9 55.3#

