

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038863.D
 Acq On : 17 Nov 2023 01:09
 Operator : JC/MD
 Sample : 05241-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01S-20231102

Quant Time: Nov 17 03:24:03 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)

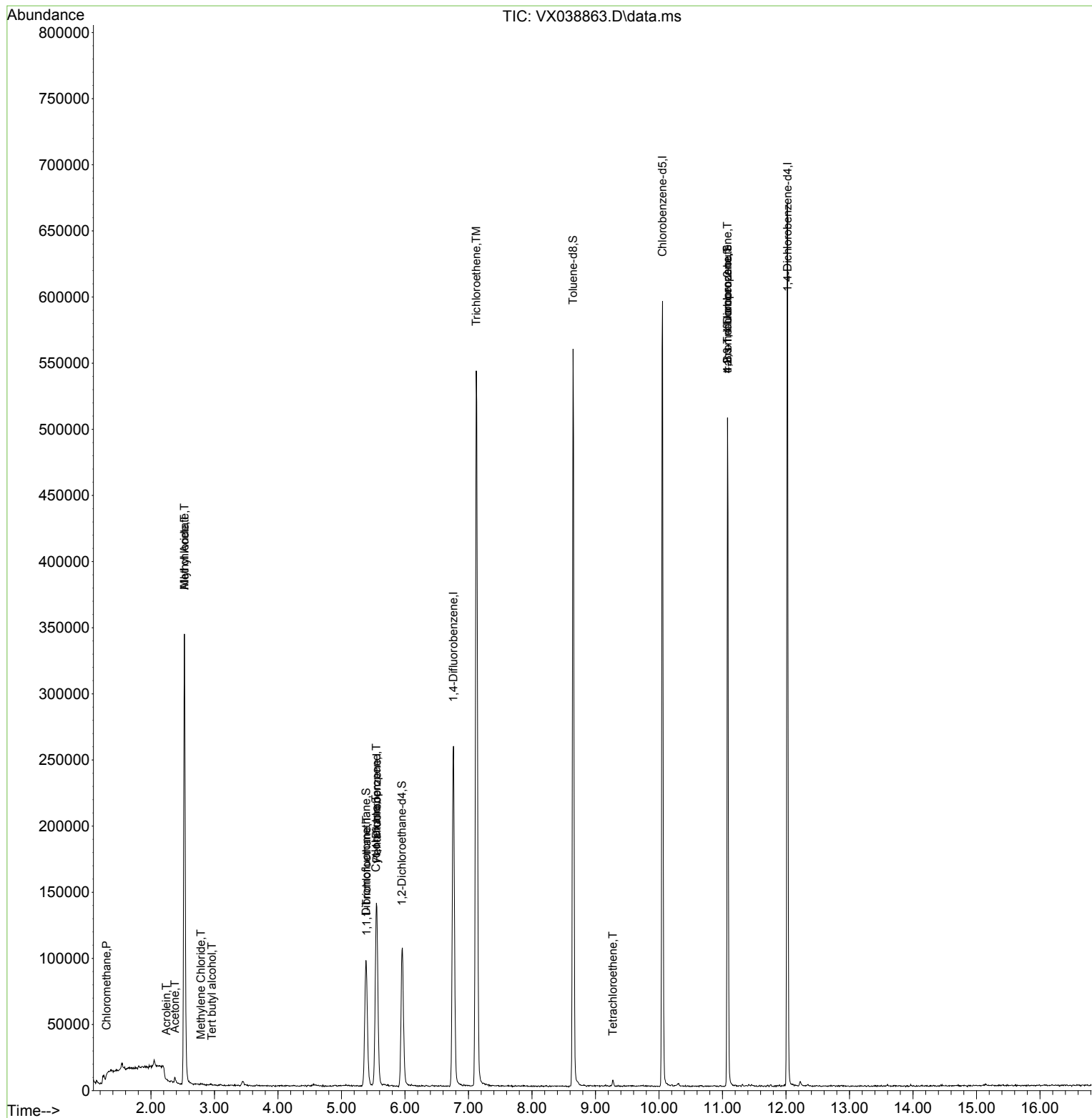
Internal Standards						
1) Pentafluorobenzene	5.556	168	127921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98023	47.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.120%		
35) Dibromofluoromethane	5.385	113	84404	44.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.800%		
50) Toluene-d8	8.647	98	332931	45.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.540%#		
62) 4-Bromofluorobenzene	11.079	95	142375	48.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.800%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	452	0.232	ug/l #	78
11) Tert butyl alcohol	2.959	59	442	0.771	ug/l #	18
13) Acrolein	2.240	56	98	0.323	ug/l #	41
14) Allyl chloride	2.526	41	29095	9.114	ug/l #	69
16) Acetone	2.380	43	4305	3.923	ug/l	92
18) Methyl Acetate	2.526	43	72991	14.004	ug/l #	53
20) Methylene Chloride	2.788	84	842	0.426	ug/l #	66
31) Cyclohexane	5.544	56	2963	1.007	ug/l #	1
32) 1,1,1-Trichloroethane	5.397	97	1350	0.487	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	11273	4.137	ug/l #	53
44) Trichloroethene	7.123	130	201915	102.929	ug/l	94
64) Tetrachloroethene	9.275	164	715	0.424	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	72240	21.426	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72240	47.526	ug/l #	5

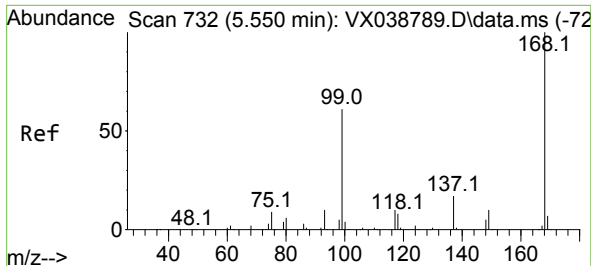
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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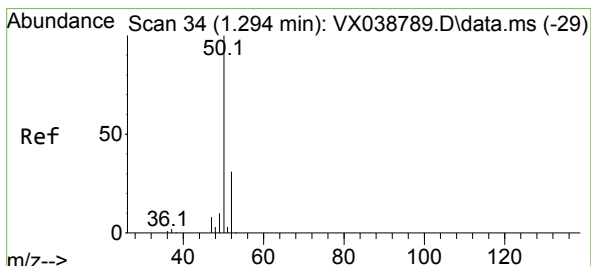
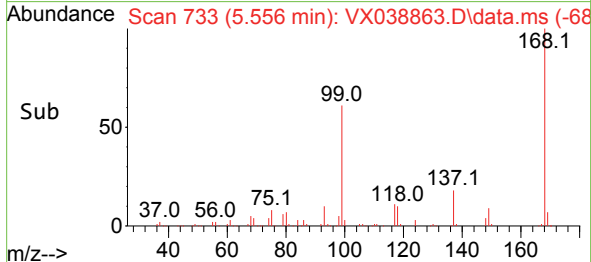
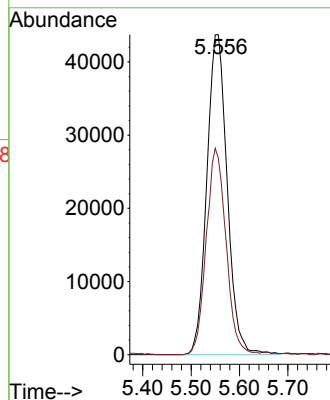
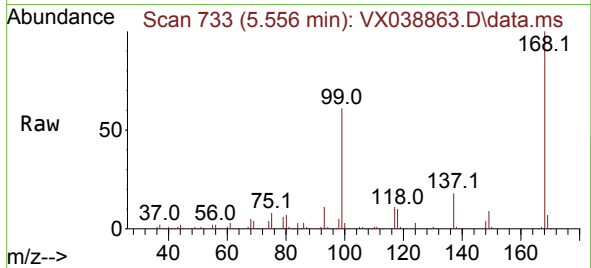




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

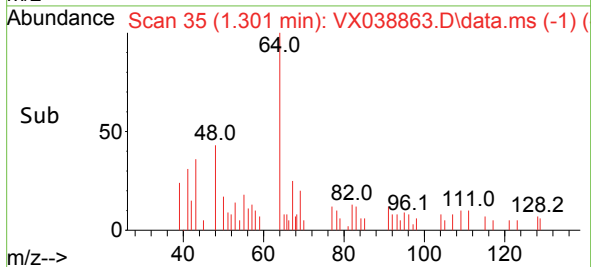
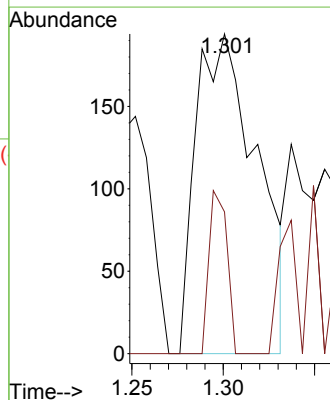
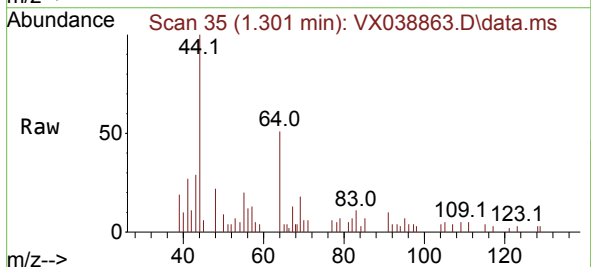
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102

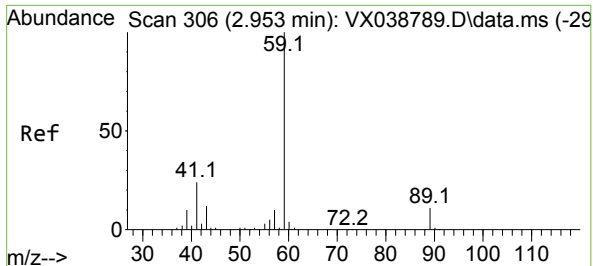
Tgt Ion:168 Resp: 127921
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 44.3 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.771 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

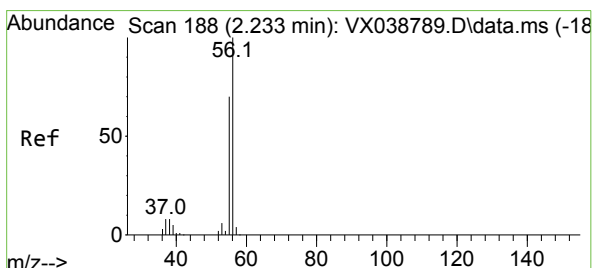
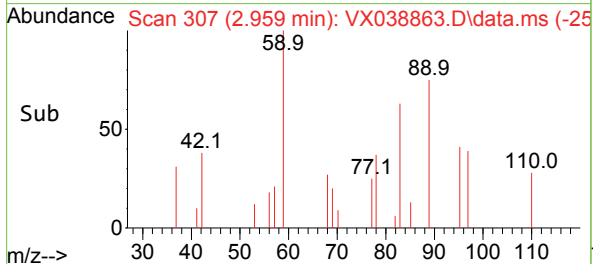
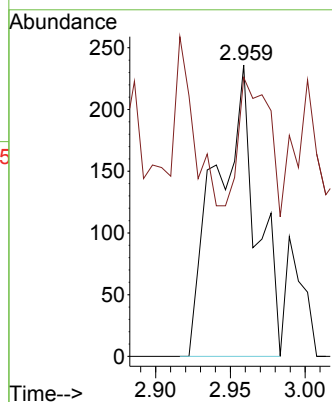
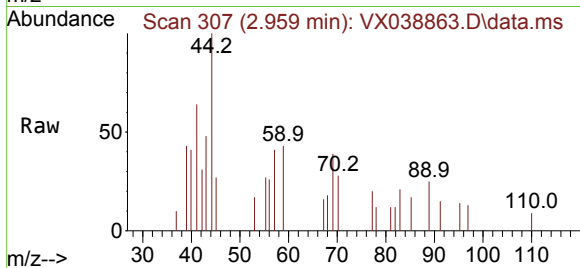
FSND-EVAL-01S-20231102

Tgt Ion: 59 Resp: 442

Ion Ratio Lower Upper

59 100

57 36.2 6.0 9.0#



#13

Acrolein

Concen: 0.323 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX038863.D

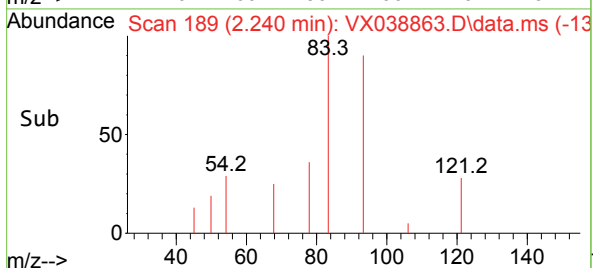
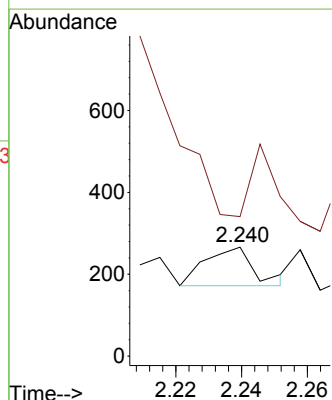
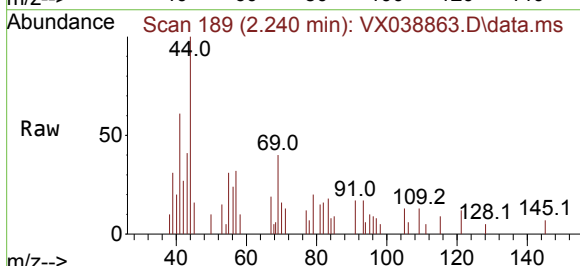
Acq: 17 Nov 2023 01:09

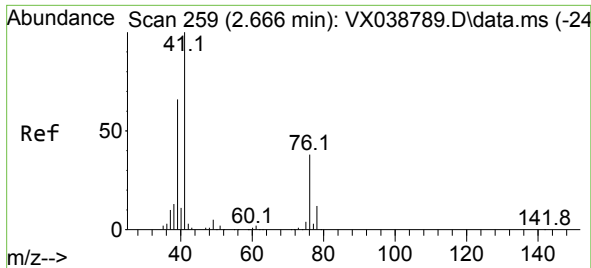
Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 120.4 57.1 85.7#

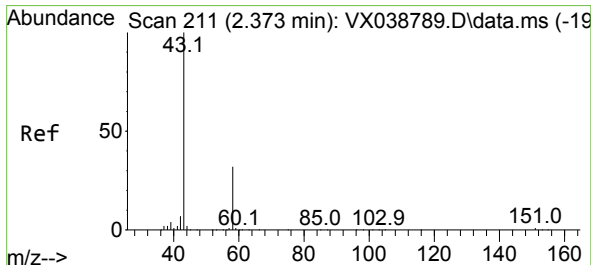
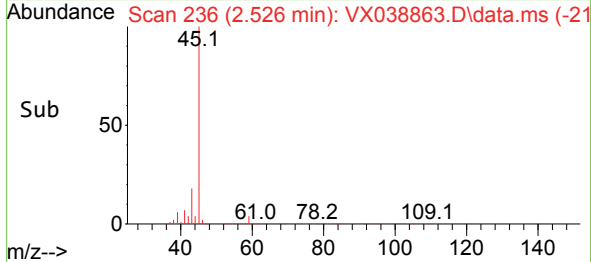
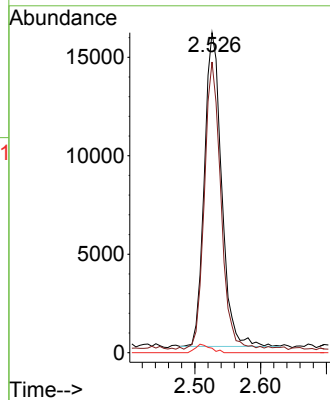
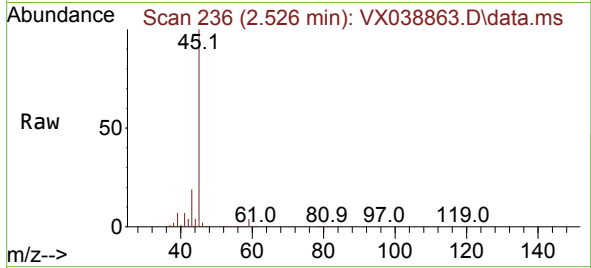




#14
 Allyl chloride
 Concen: 9.114 ug/l
 RT: 2.526 min Scan# 212
 Delta R.T. -0.140 min
 Lab File: VX038863.D
 Acq: 17 Nov 2023 01:09

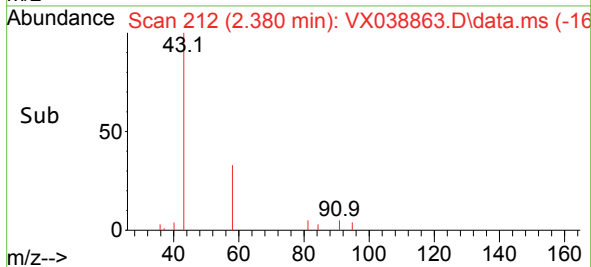
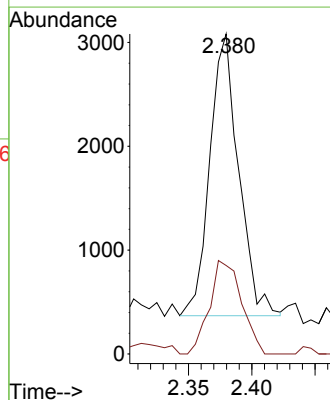
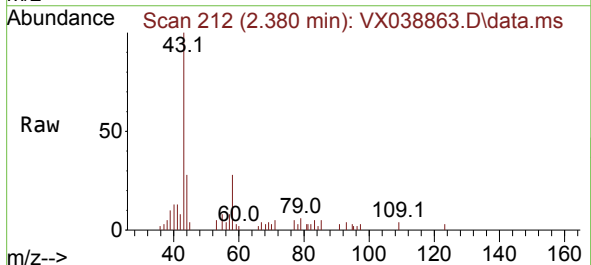
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01S-20231102

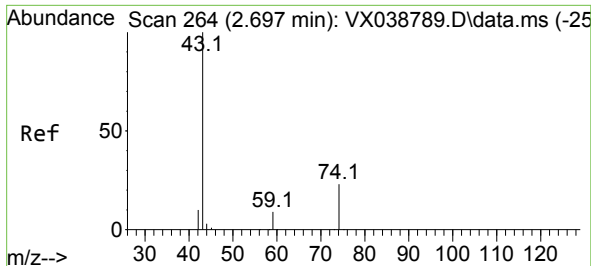
Tgt Ion: 41 Resp: 29095
 Ion Ratio Lower Upper
 41 100
 39 87.3 55.8 83.6#
 76 2.3 24.3 36.5#



#16
 Acetone
 Concen: 3.923 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VX038863.D
 Acq: 17 Nov 2023 01:09

Tgt Ion: 43 Resp: 4305
 Ion Ratio Lower Upper
 43 100
 58 31.4 21.9 32.9

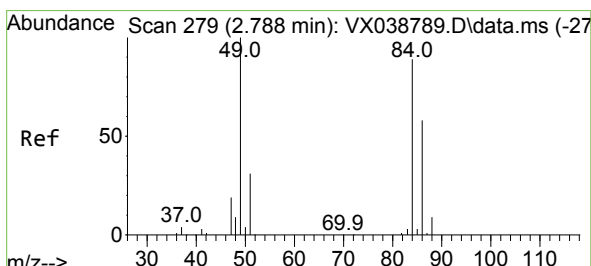
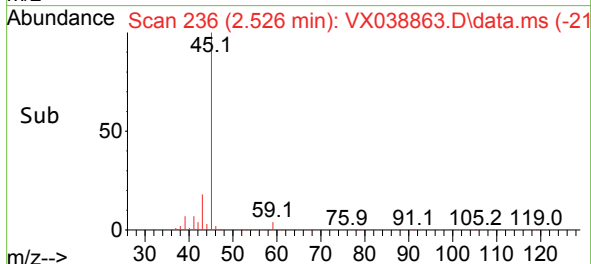
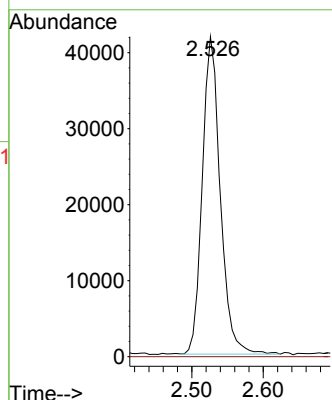
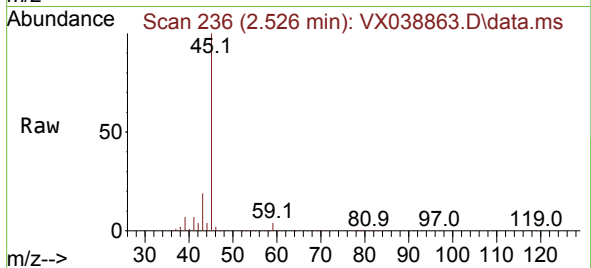




#18
Methyl Acetate
Concen: 14.004 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

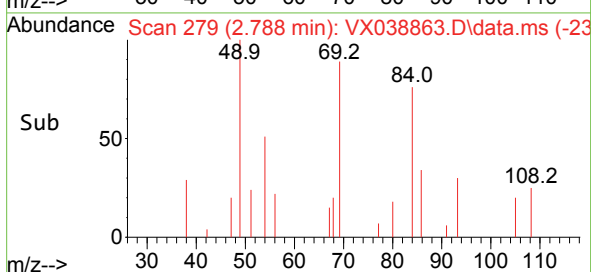
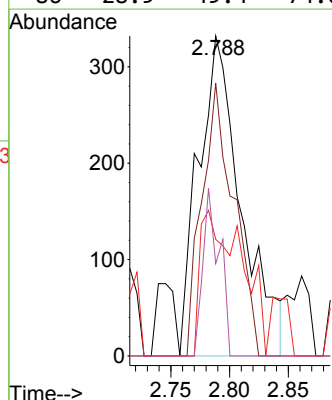
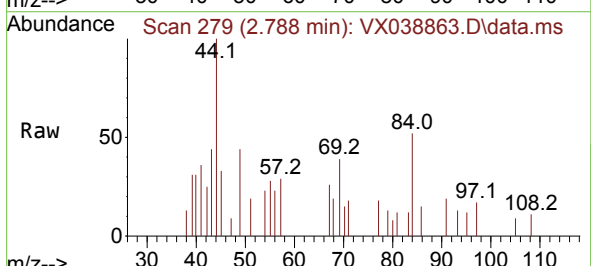
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102

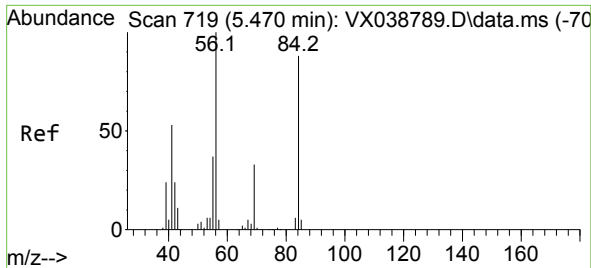
Tgt Ion: 43 Resp: 72991
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

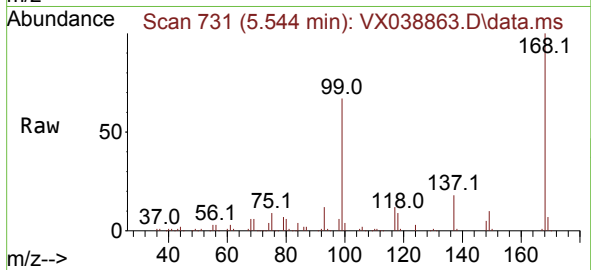
Tgt Ion: 84 Resp: 842
Ion Ratio Lower Upper
84 100
49 85.2 103.6 155.4#
51 36.4 33.8 50.6
86 28.9 49.4 74.0#



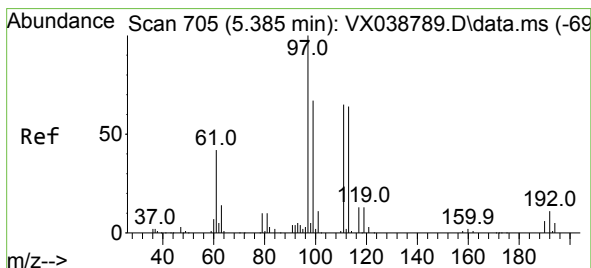
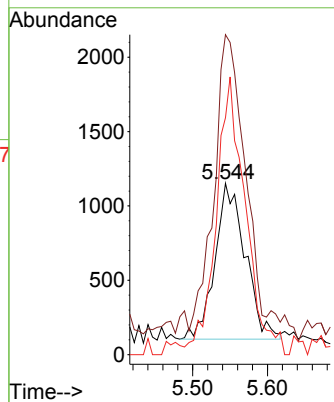
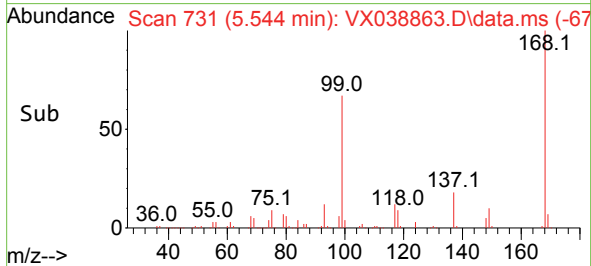


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

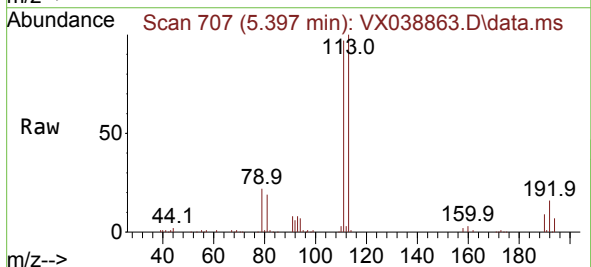
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102



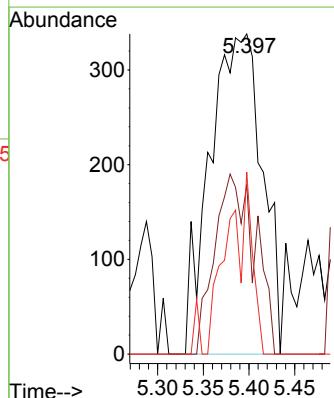
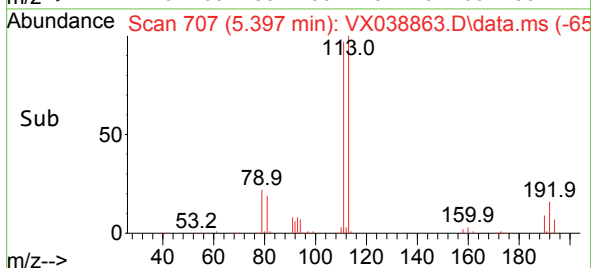
Tgt Ion: 56 Resp: 2963
Ion Ratio Lower Upper
56 100
69 184.5 23.4 35.2#
84 146.3 65.9 98.9#

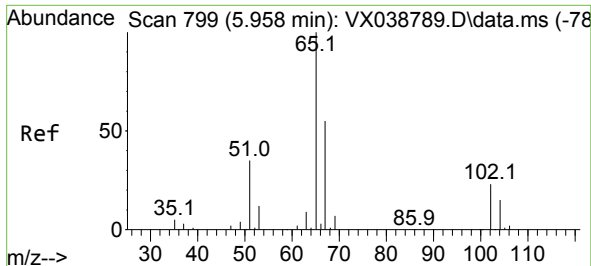


#32
1,1,1-Trichloroethane
Concen: 0.487 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09



Tgt Ion: 97 Resp: 1350
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 17.2 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 47.555 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

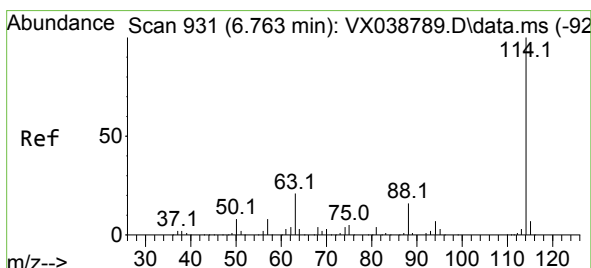
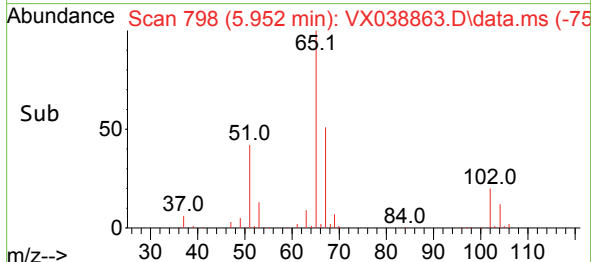
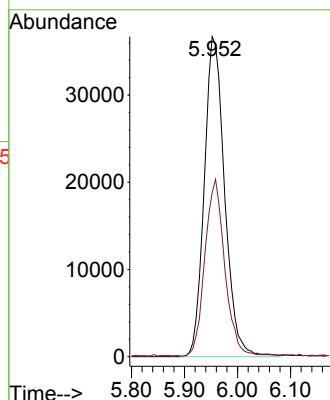
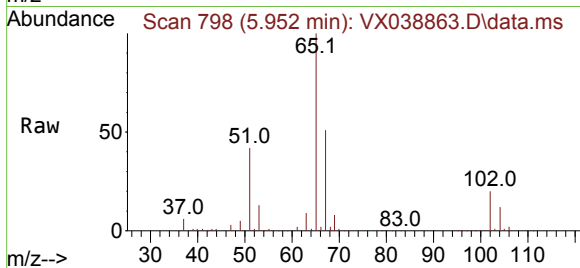
FSND-EVAL-01S-20231102

Tgt Ion: 65 Resp: 98023

Ion Ratio Lower Upper

65 100

67 53.5 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: VX038863.D

Acq: 17 Nov 2023 01:09

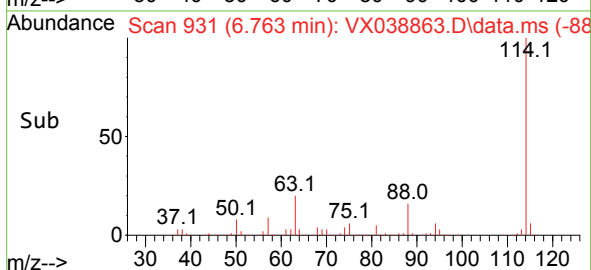
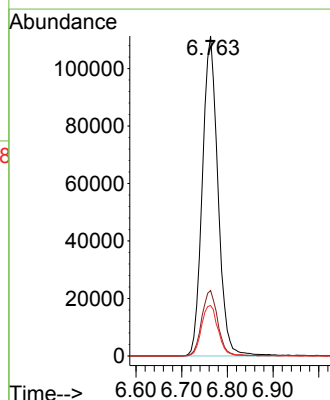
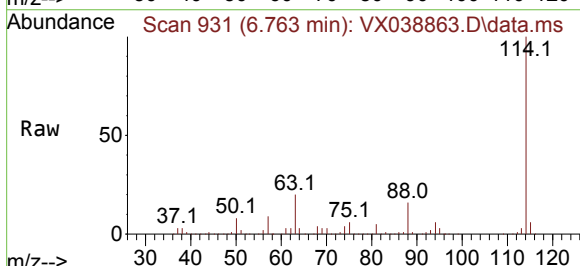
Tgt Ion:114 Resp: 263240

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

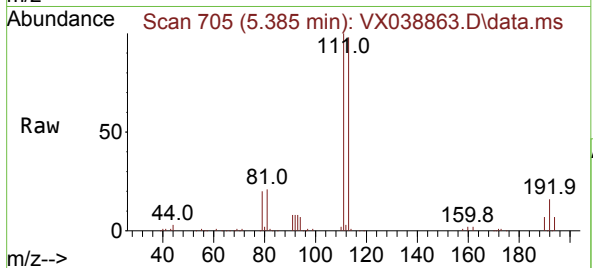
88 15.8 0.0 36.6



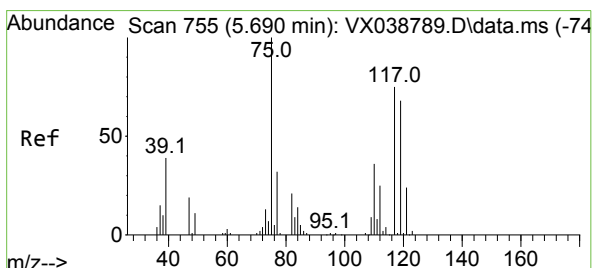
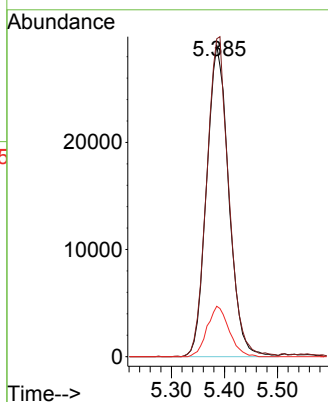
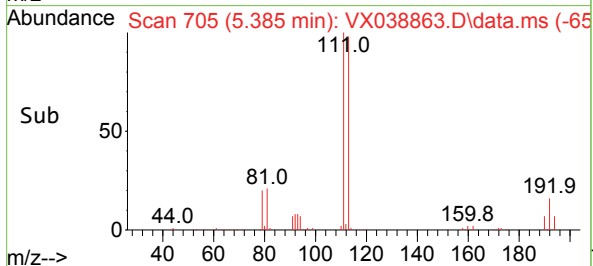


#35
Dibromofluoromethane
Concen: 44.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102

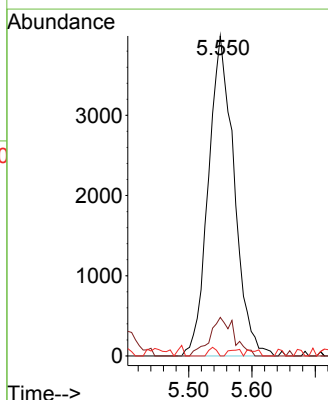
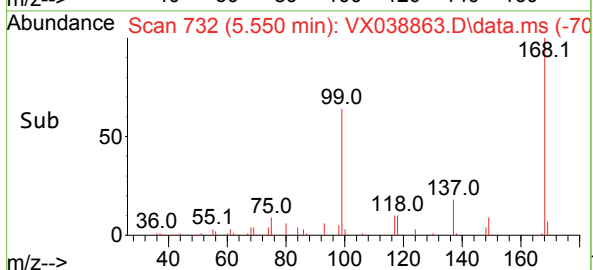
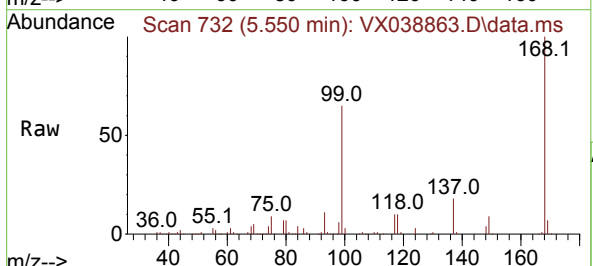


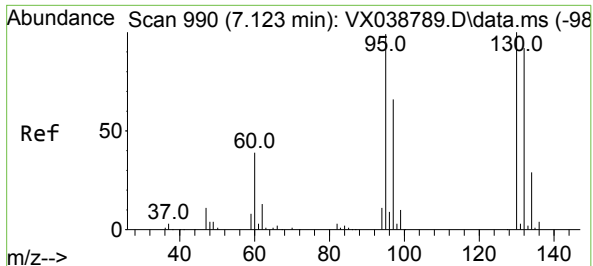
Tgt Ion:113 Resp: 84404
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.137 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Tgt Ion: 75 Resp: 11273
Ion Ratio Lower Upper
75 100
110 11.5 17.0 50.9#
77 0.8 24.7 37.1#

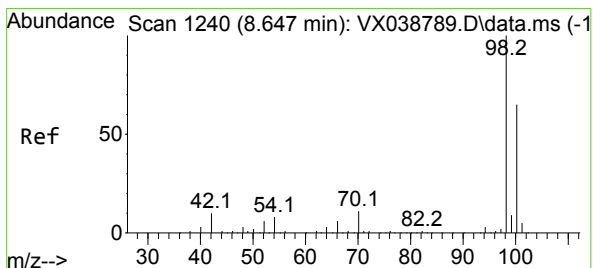
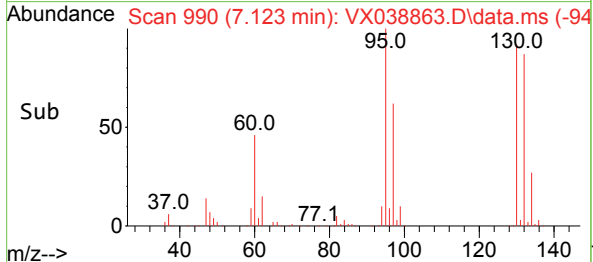
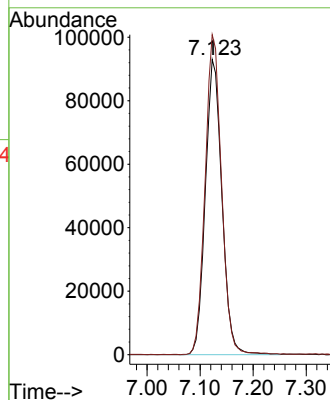
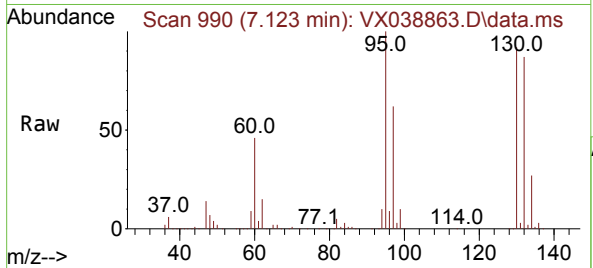




#44
 Trichloroethene
 Concen: 102.929 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX038863.D
 Acq: 17 Nov 2023 01:09

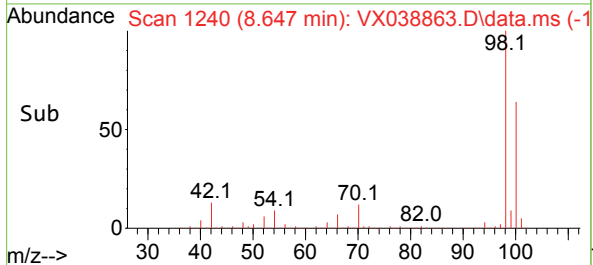
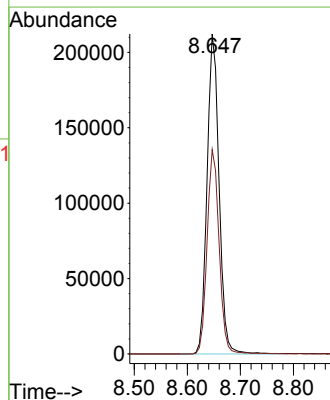
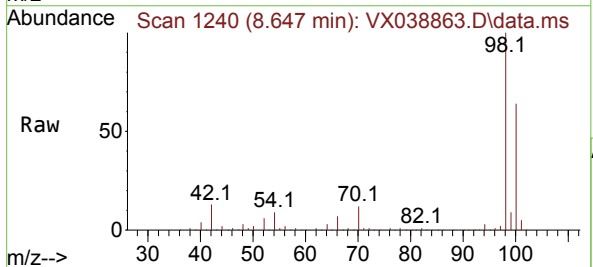
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01S-20231102

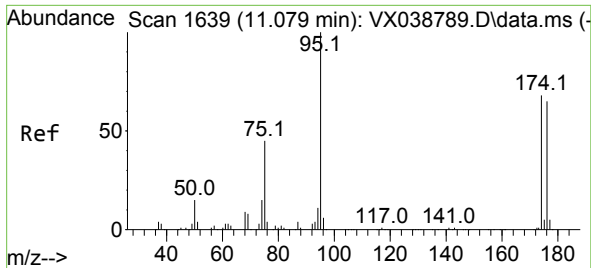
Tgt Ion:130 Resp: 201915
 Ion Ratio Lower Upper
 130 100
 95 108.4 0.0 204.4



#50
 Toluene-d8
 Concen: 45.770 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX038863.D
 Acq: 17 Nov 2023 01:09

Tgt Ion: 98 Resp: 332931
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7

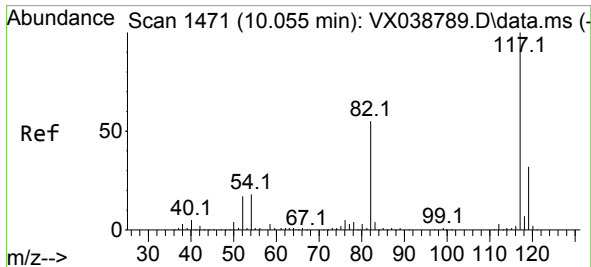
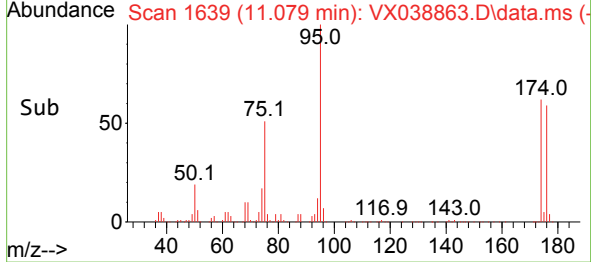
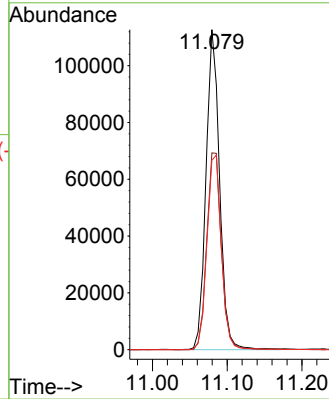
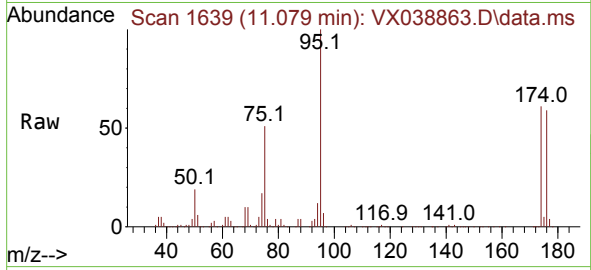




#62
4-Bromofluorobenzene
Concen: 48.895 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

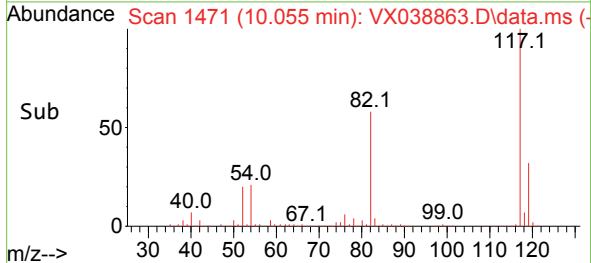
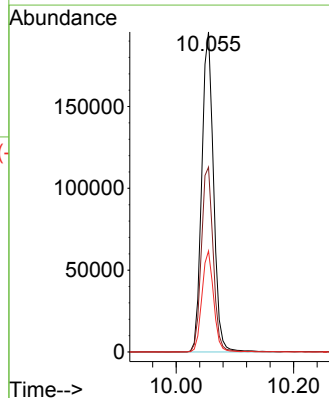
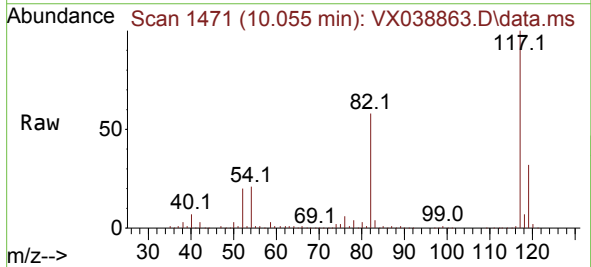
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102

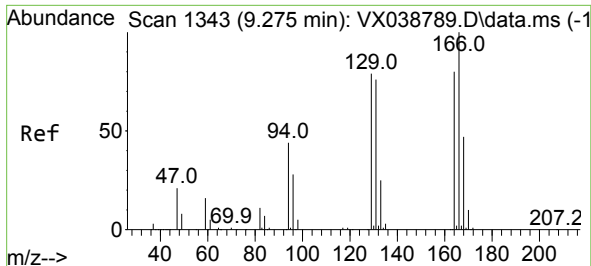
Tgt Ion: 95 Resp: 142375
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 64.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Tgt Ion: 117 Resp: 271088
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.6 25.5 38.3

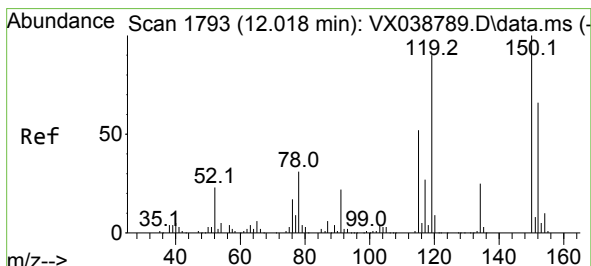
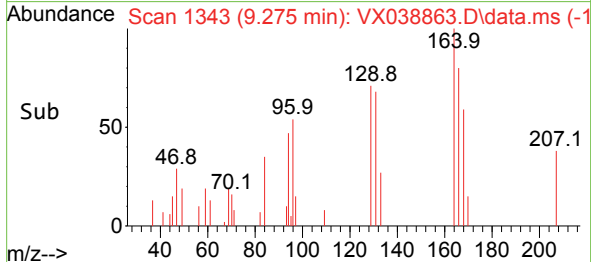
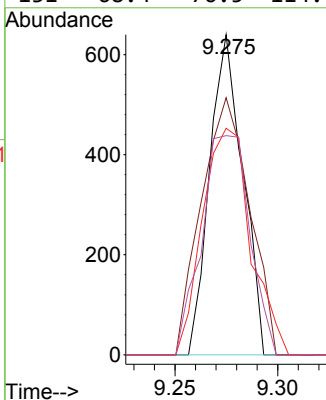
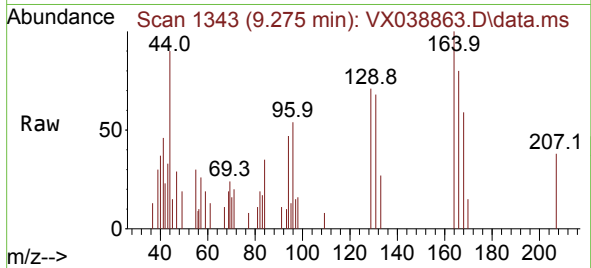




#64
Tetrachloroethene
Concen: 0.424 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

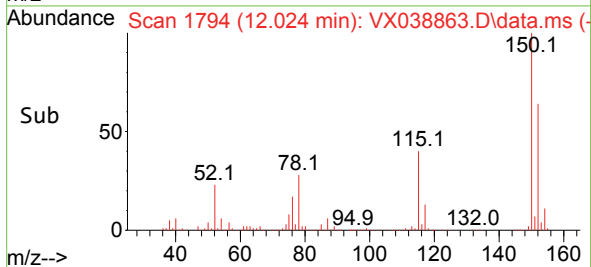
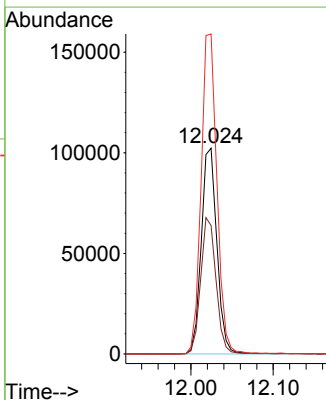
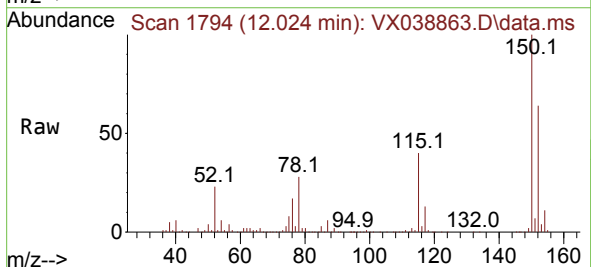
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102

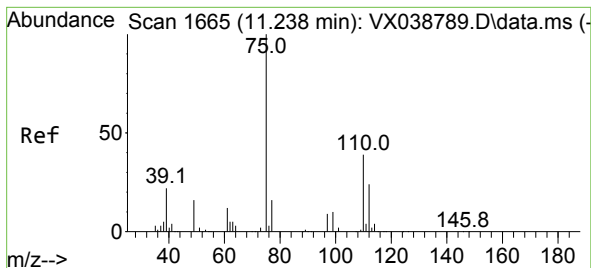
Tgt Ion:164	Resp:	715	
Ion	Ratio	Lower	Upper
164	100		
166	80.3	102.7	154.1#
129	70.8	80.4	120.6#
131	68.4	76.5	114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Tgt Ion:152	Resp:	135134	
Ion	Ratio	Lower	Upper
152	100		
115	65.0	43.3	129.9
150	157.1	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 21.426 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

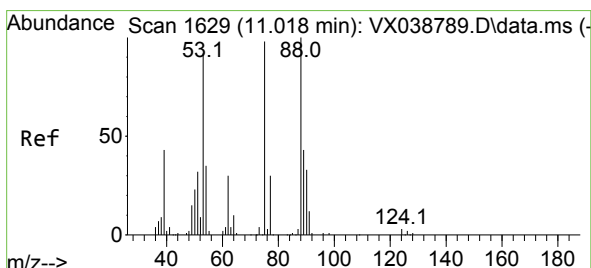
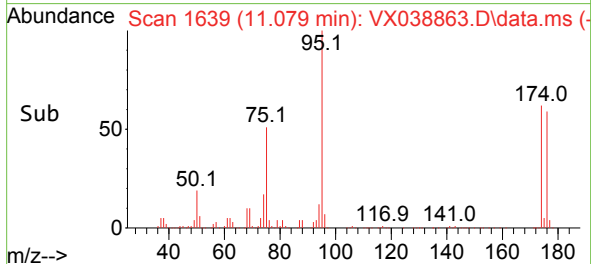
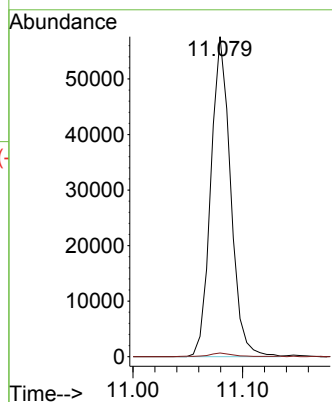
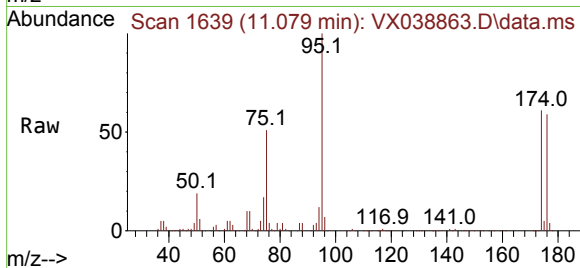
FSND-EVAL-01S-20231102

Tgt Ion: 75 Resp: 72240

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.526 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

Tgt Ion: 75 Resp: 72240

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

