

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032311.D
 Acq On : 22 Oct 2022 01:19
 Operator : JC/MD
 Sample : N5248-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-7-20221018

Quant Time: Oct 22 06:04:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

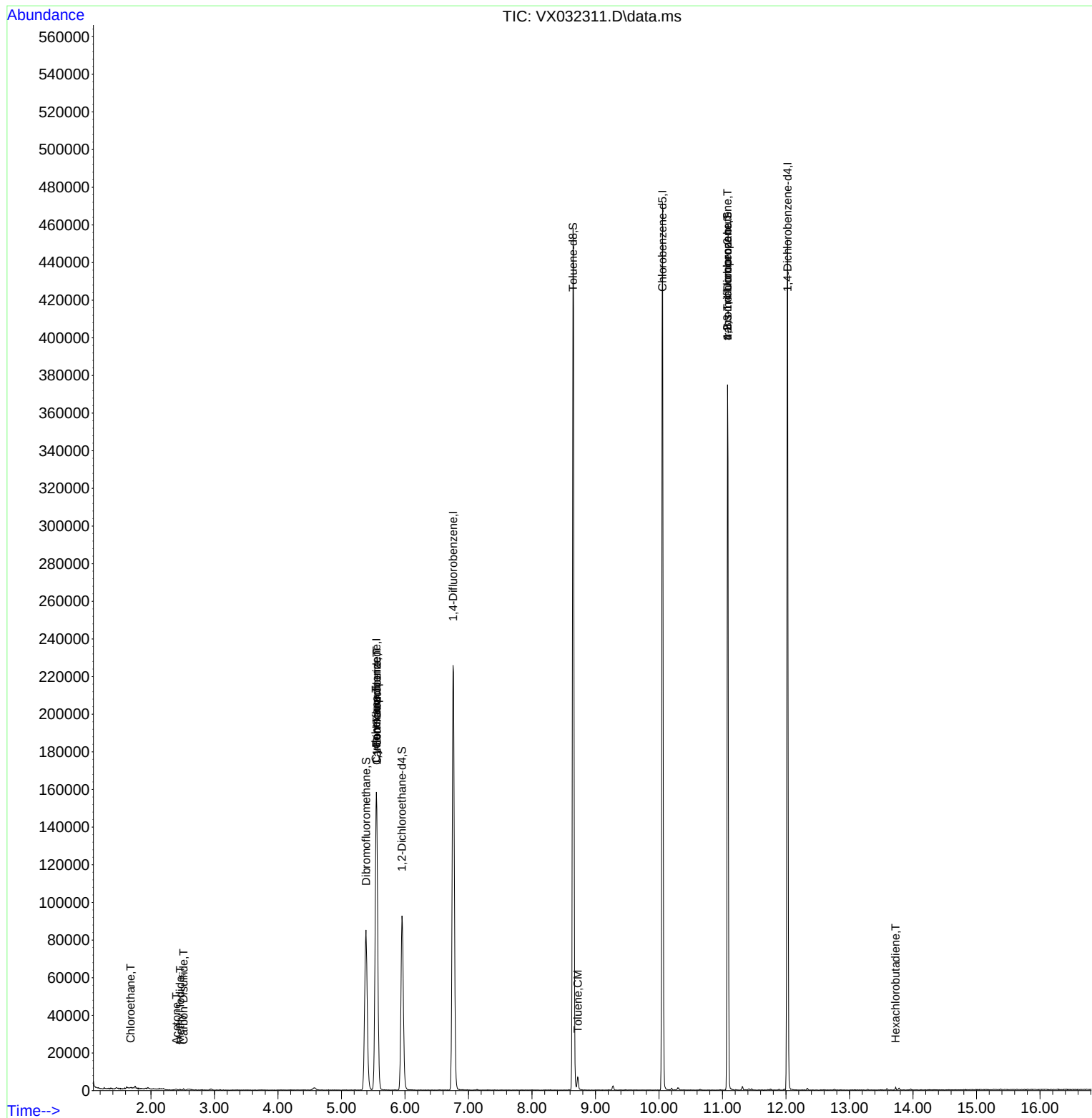
Internal Standards						
1) Pentafluorobenzene	5.550	168	147613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90831	47.301	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.600%
35) Dibromofluoromethane	5.385	113	71767	44.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.940%
50) Toluene-d8	8.647	98	267085	46.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	11.079	95	93111	44.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	31	Below Cal	#	44
6) Chloroethane	1.679	64	105	2.022	ug/l #	41
10) Methyl Iodide	2.459	142	413	0.204	ug/l #	88
11) Tert butyl alcohol	2.947	59	407	Below Cal	#	74
16) Acetone	2.398	43	636	1.021	ug/l	97
17) Carbon Disulfide	2.514	76	680	0.220	ug/l #	90
31) Cyclohexane	5.544	56	3368	1.534	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	11355	5.531	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15430	7.120	ug/l #	17
52) Toluene	8.720	92	2636	0.684	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	51584	28.979	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	51584	88.776	ug/l #	6
94) Hexachlorobutadiene	13.725	225	349	0.416	ug/l	95

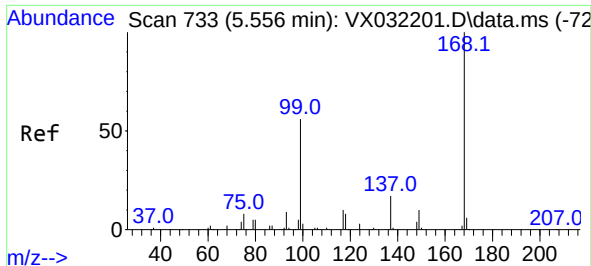
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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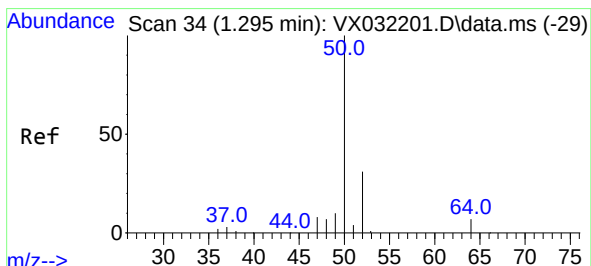
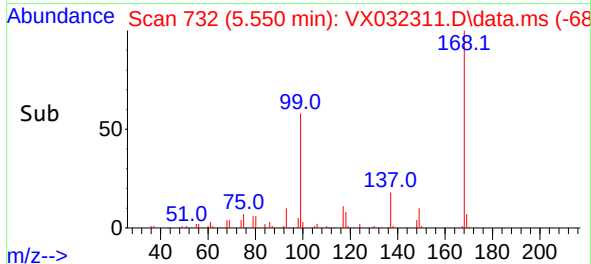
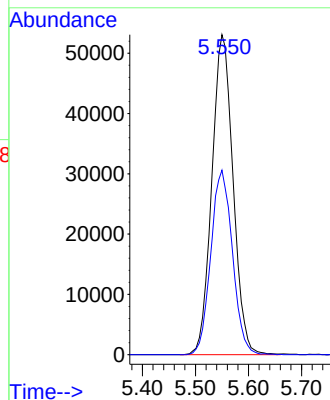
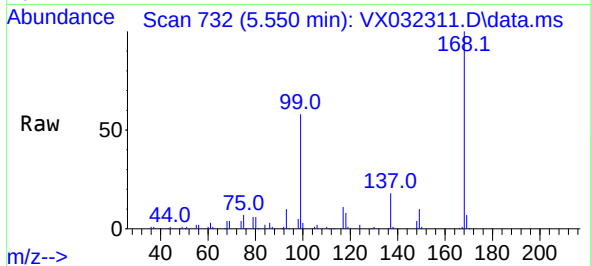




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

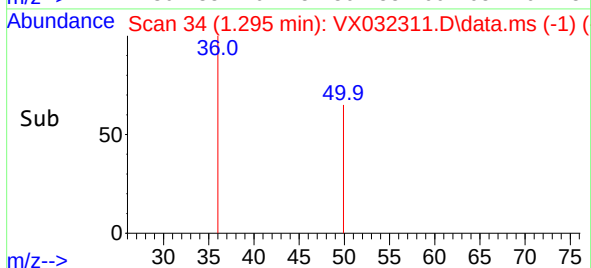
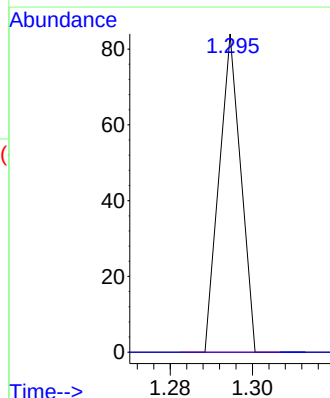
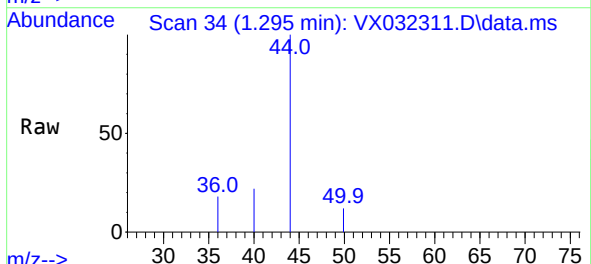
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

Tgt Ion:168 Resp: 147613
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2

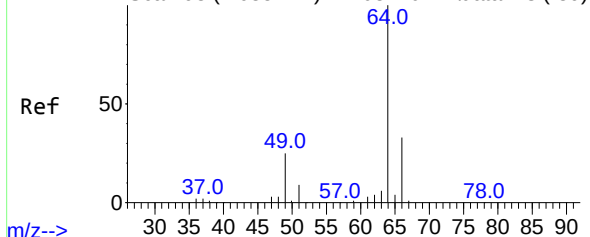


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion: 50 Resp: 31
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



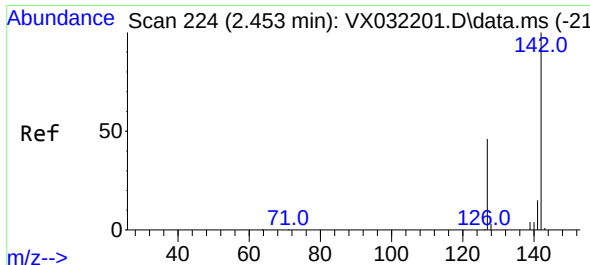
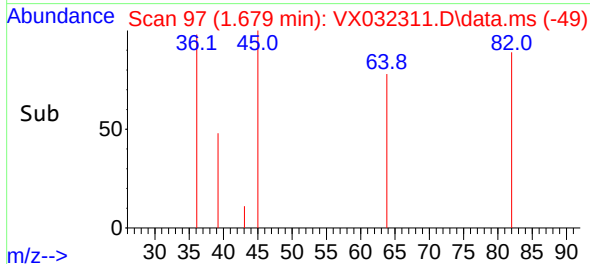
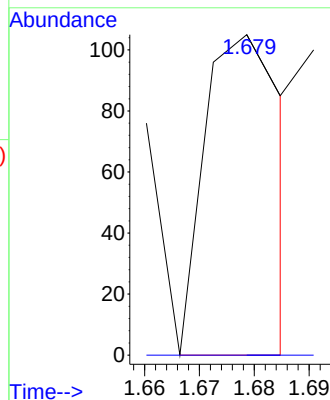
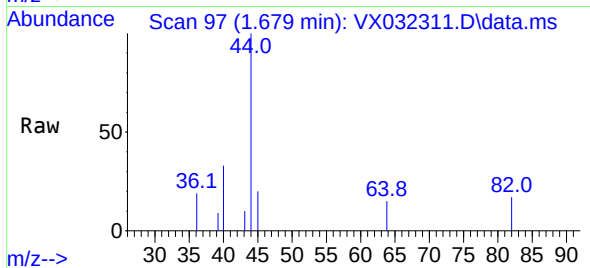
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6
Chloroethane
Concen: 2.022 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

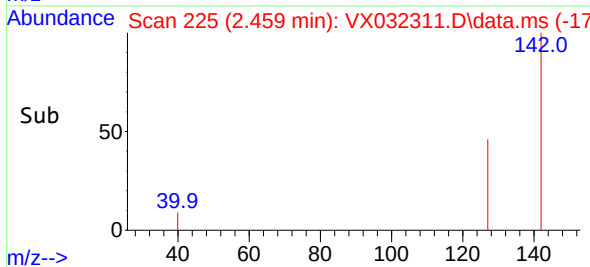
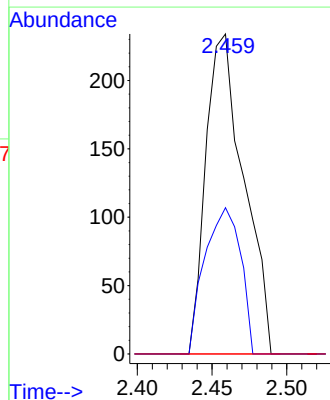
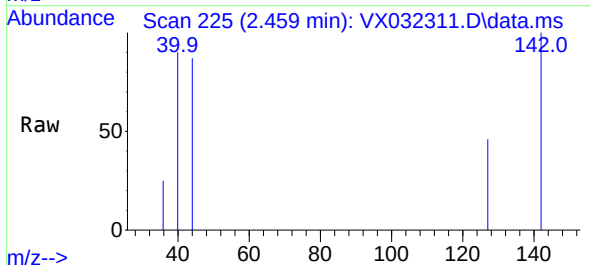
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

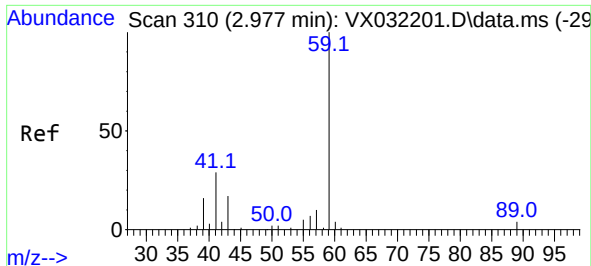
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion: 142 Resp: 413
Ion Ratio Lower Upper
142 100
127 43.1 36.9 55.3
141 0.0 11.4 17.2#

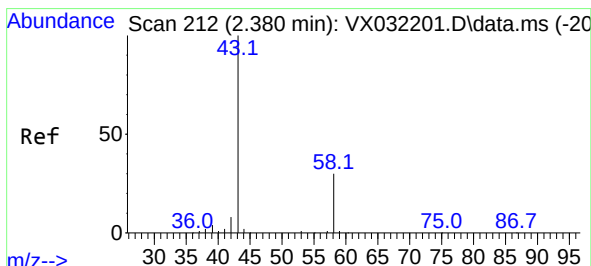
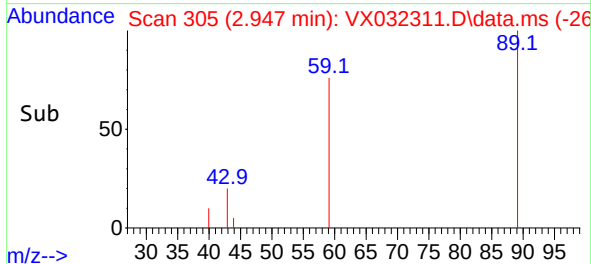
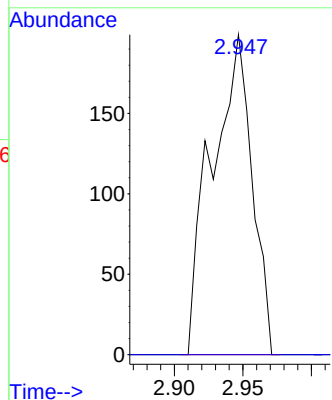
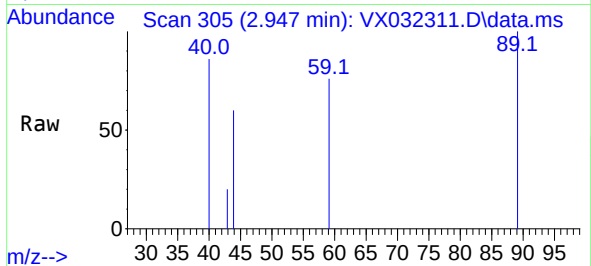




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

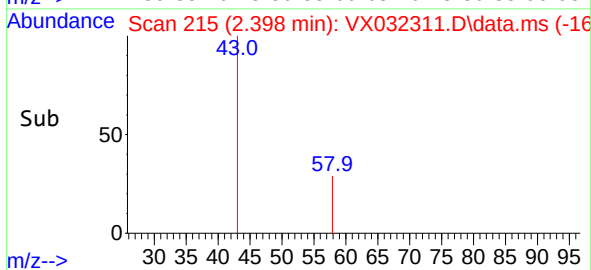
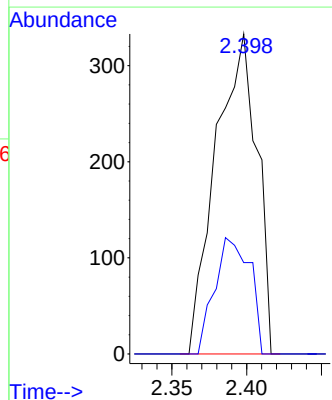
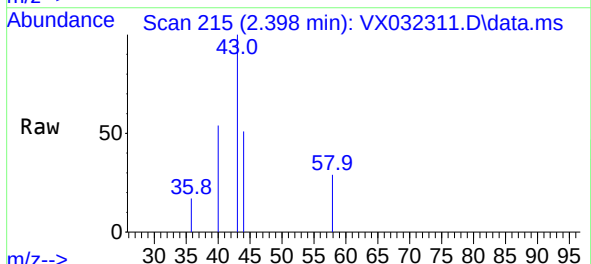
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

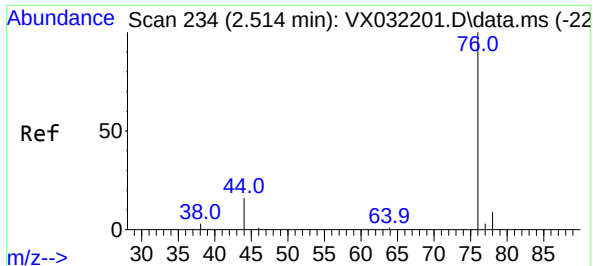
Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#16
Acetone
Concen: 1.021 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.2





#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032311.D

Acq: 22 Oct 2022 01:19

Instrument :

MSVOA_X

ClientSampleId :

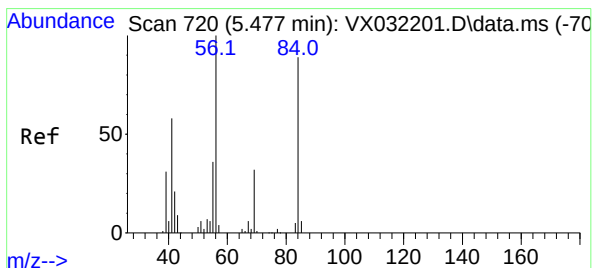
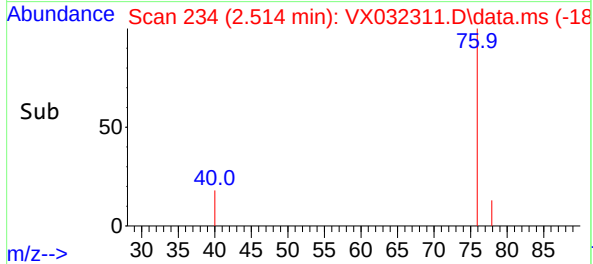
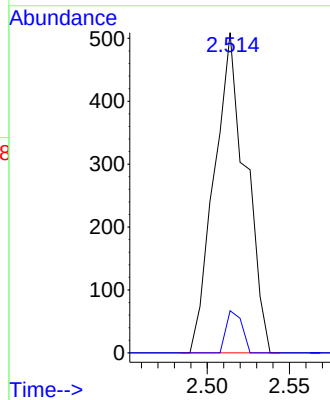
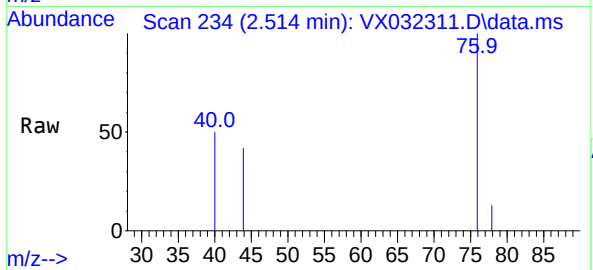
FSND-MW-7-20221018

Tgt Ion: 76 Resp: 680

Ion Ratio Lower Upper

76 100

78 13.2 7.6 11.4#



#31

Cyclohexane

Concen: 1.534 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX032311.D

Acq: 22 Oct 2022 01:19

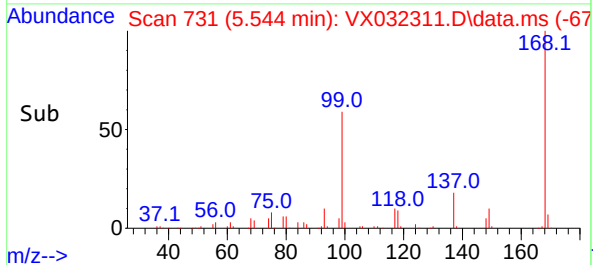
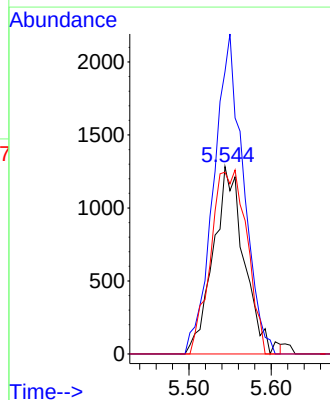
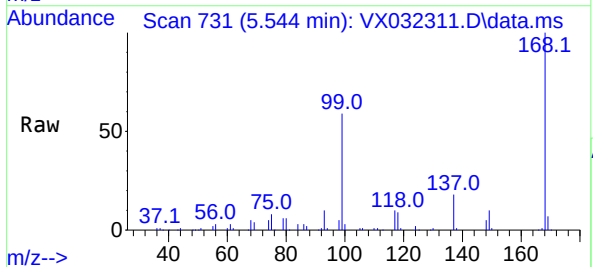
Tgt Ion: 56 Resp: 3368

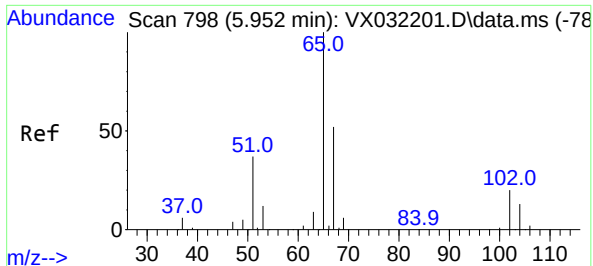
Ion Ratio Lower Upper

56 100

69 150.7 25.4 38.0#

84 97.0 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 47.301 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX032311.D

Acq: 22 Oct 2022 01:19

Instrument :

MSVOA_X

ClientSampleId :

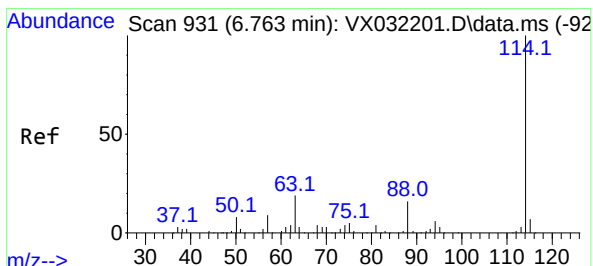
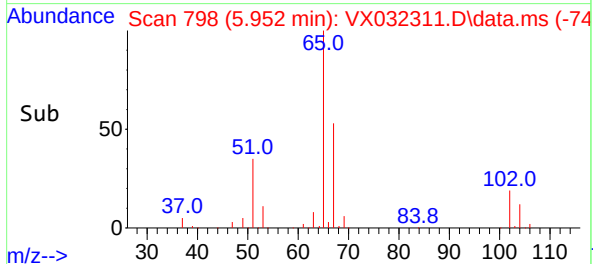
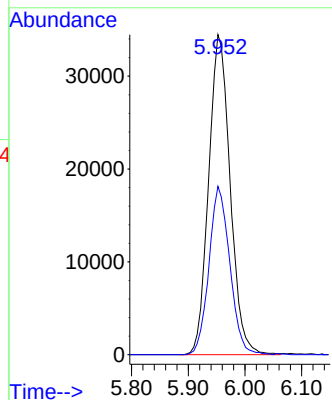
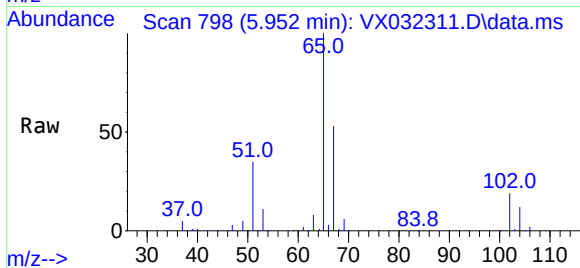
FSND-MW-7-20221018

Tgt Ion: 65 Resp: 90831

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032311.D

Acq: 22 Oct 2022 01:19

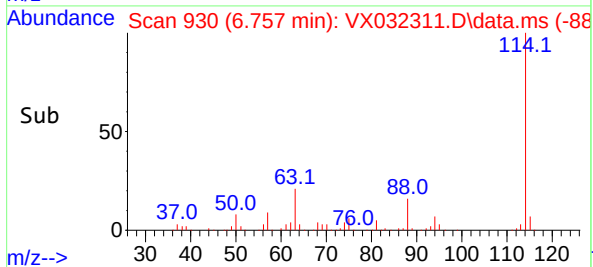
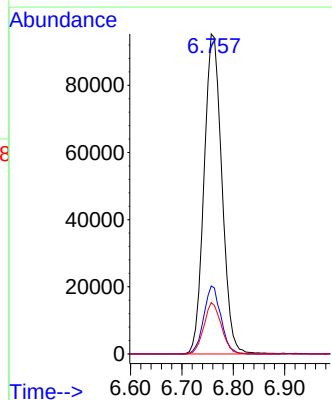
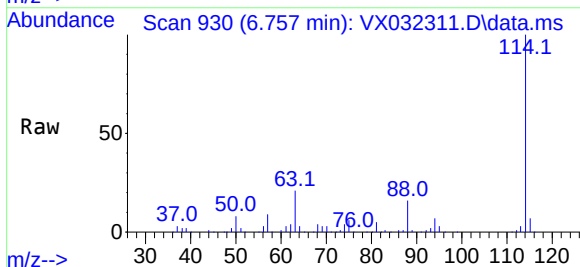
Tgt Ion: 114 Resp: 229350

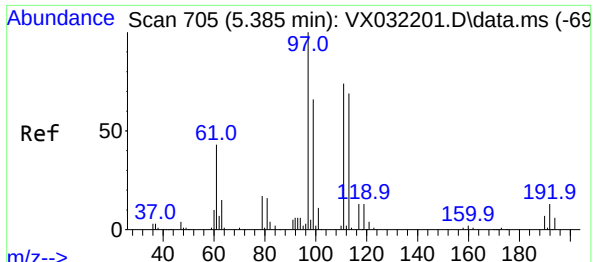
Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.6

88 16.0 0.0 32.6



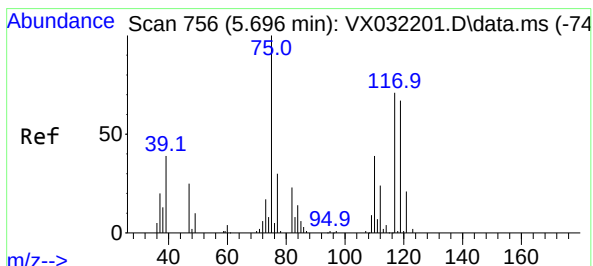
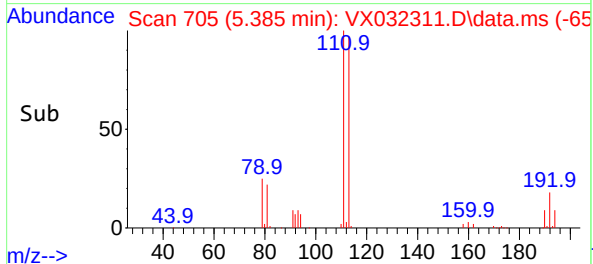
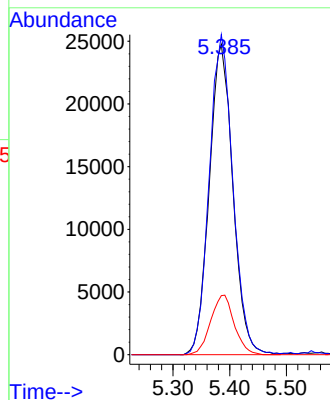
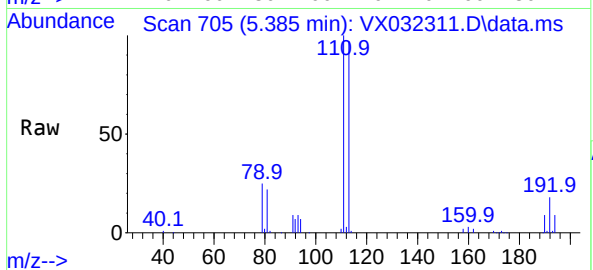


#35
Dibromofluoromethane
Concen: 44.968 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

Tgt Ion: 113 Resp: 71767

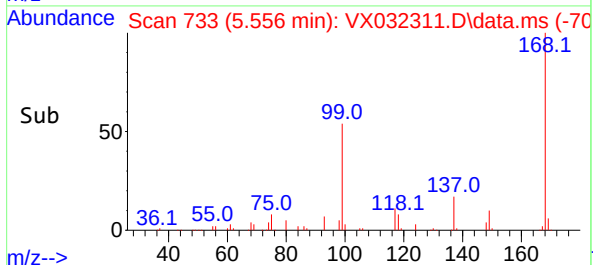
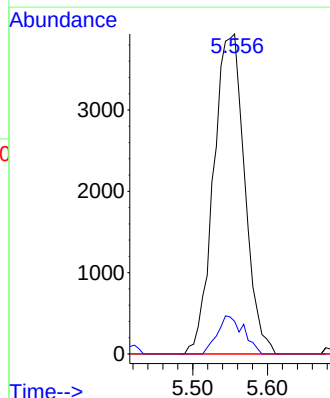
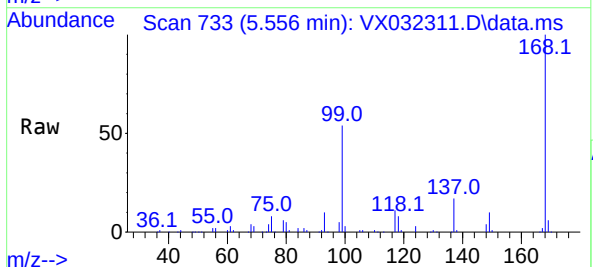
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	19.1	15.5	23.3

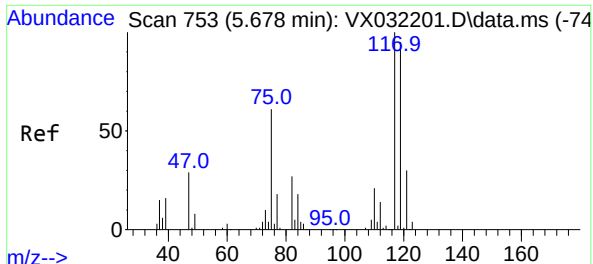


#36
1,1-Dichloropropene
Concen: 5.531 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion: 75 Resp: 11355

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.0#
77	0.0	24.7	37.1#

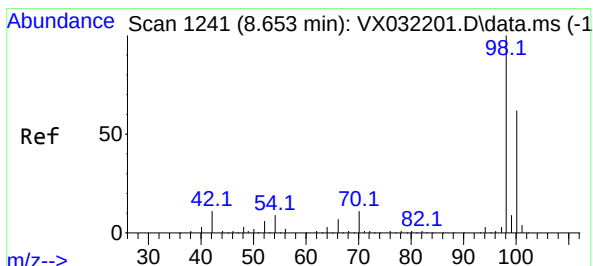
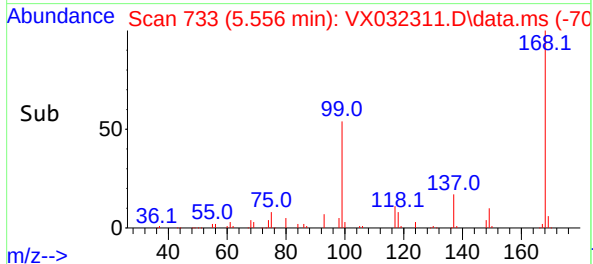
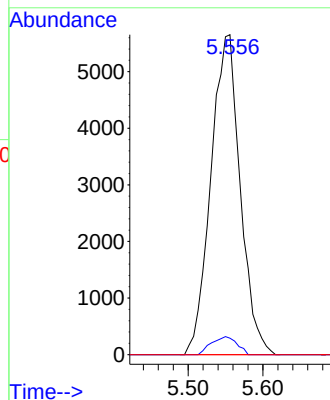
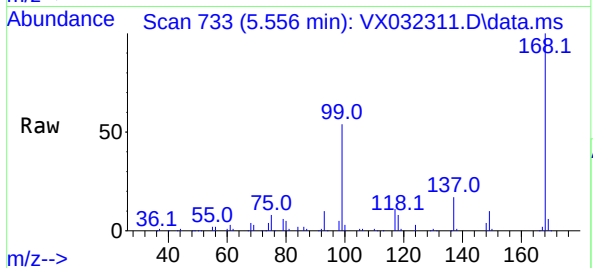




#38
Carbon Tetrachloride
Concen: 7.120 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

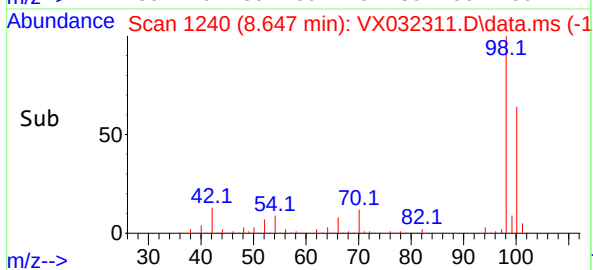
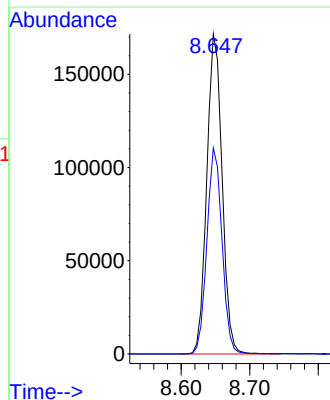
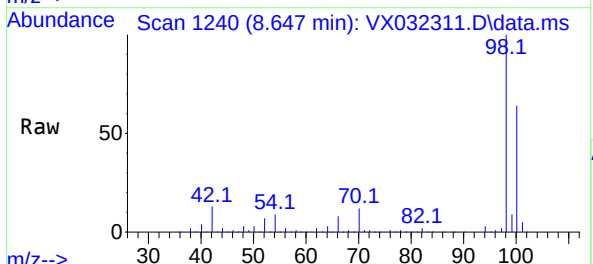
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

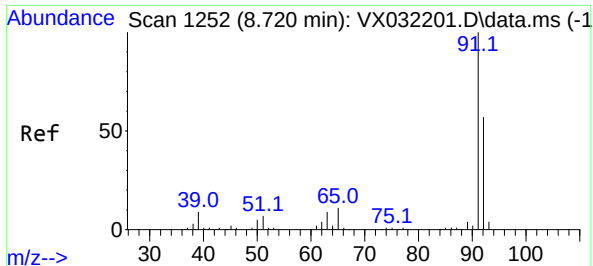
Tgt Ion:117 Resp: 15430
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion: 98 Resp: 267085
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

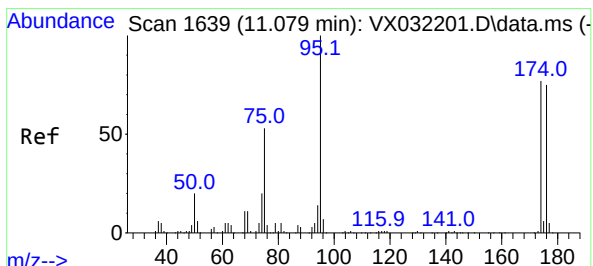
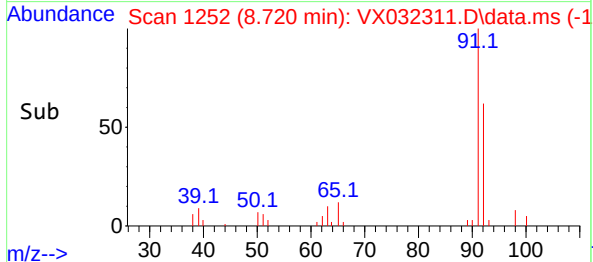
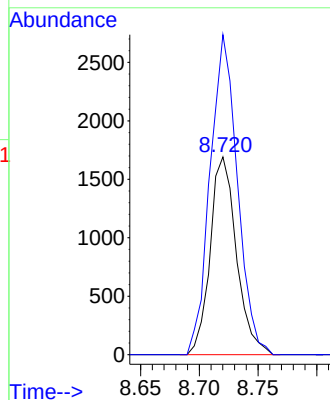
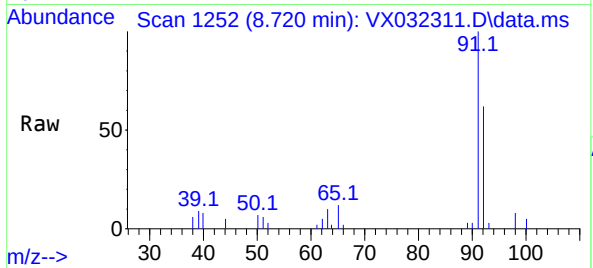




#52
Toluene
Concen: 0.684 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

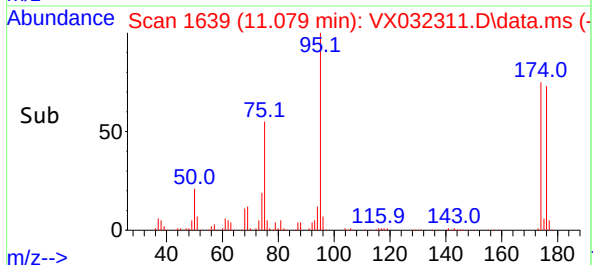
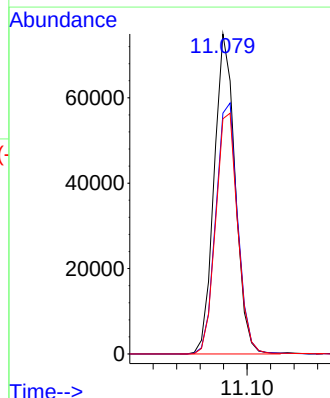
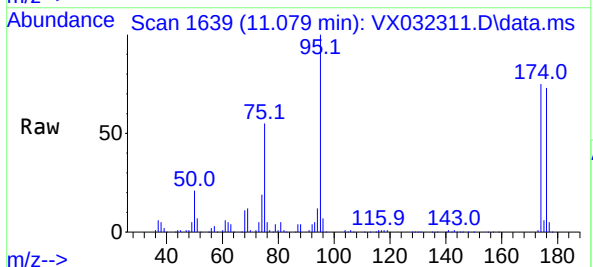
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

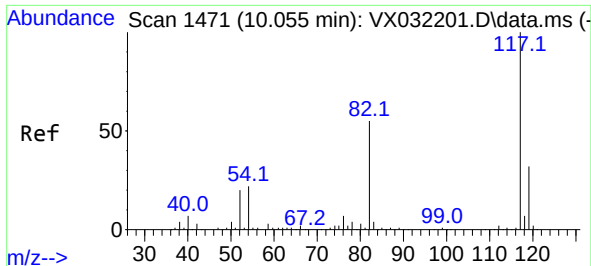
Tgt Ion: 92 Resp: 2636
Ion Ratio Lower Upper
92 100
91 168.1 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 44.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion: 95 Resp: 93111
Ion Ratio Lower Upper
95 100
174 81.9 0.0 166.8
176 79.0 0.0 161.4

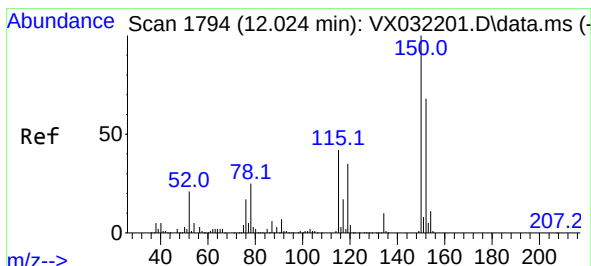
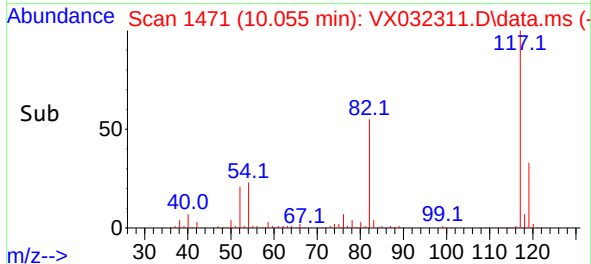
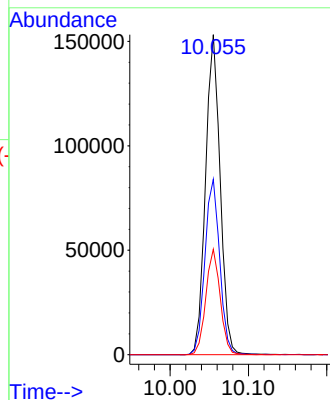
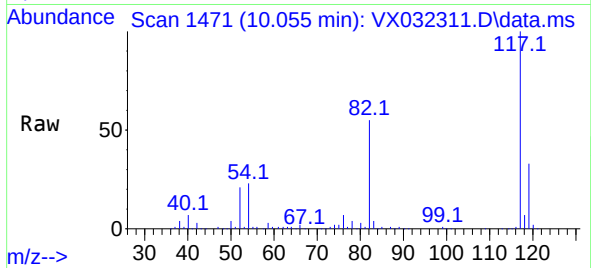




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

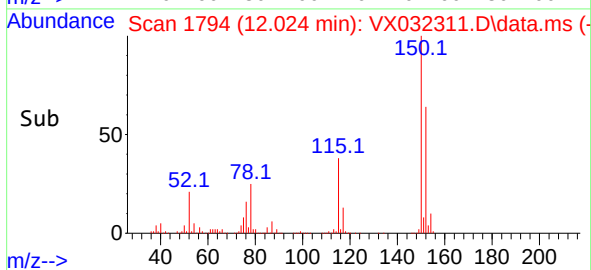
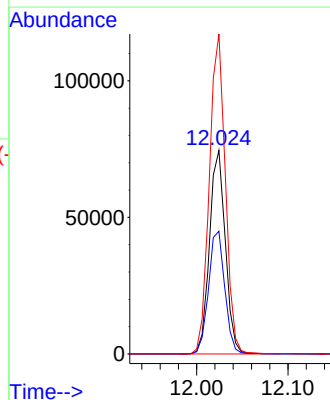
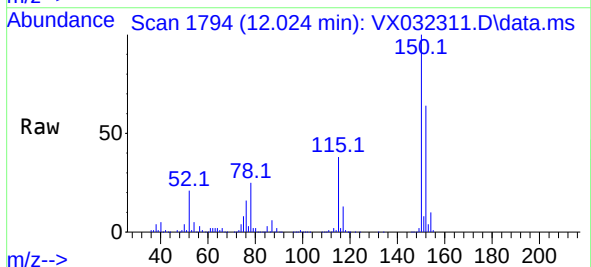
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-7-20221018

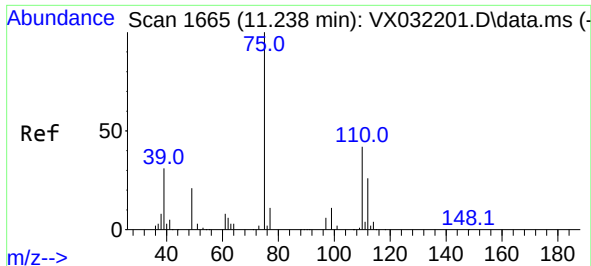
Tgt Ion:117 Resp: 198234
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

Tgt Ion:152 Resp: 89836
Ion Ratio Lower Upper
152 100
115 61.8 43.1 129.4
150 158.4 0.0 348.6

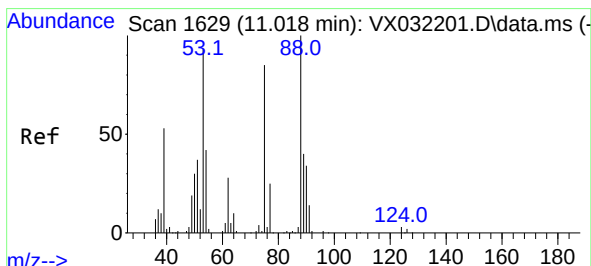
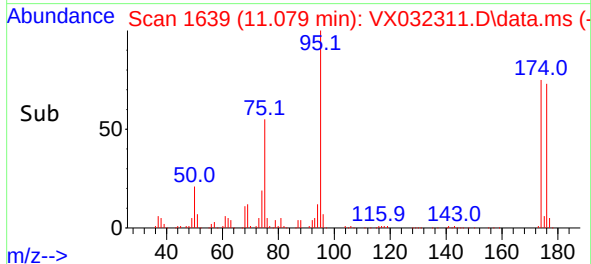
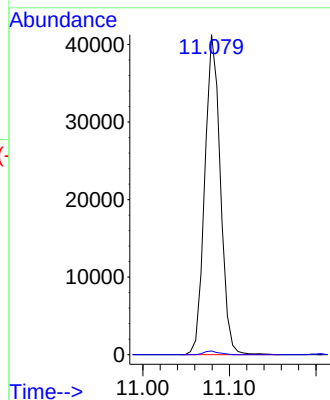
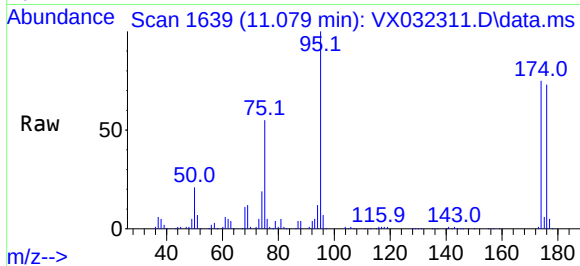




#76
1,2,3-Trichloropropane
Concen: 28.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

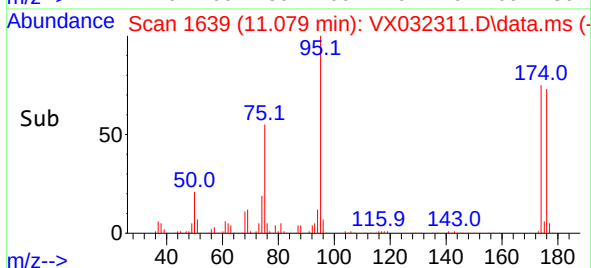
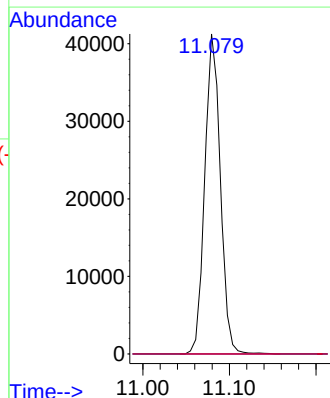
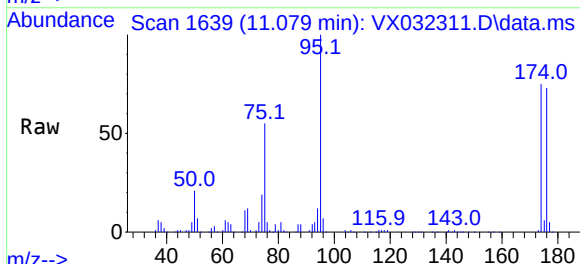
Instrument : MSVOA_X
ClientSampleId : FSND-MW-7-20221018

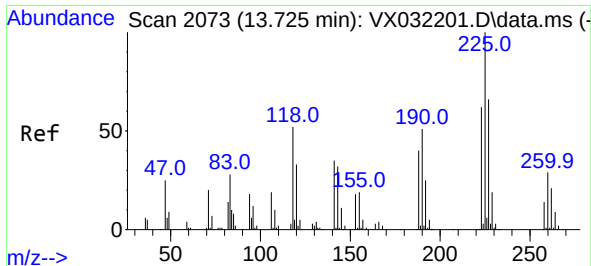
Tgt Ion: 75 Resp: 51584
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032311.D
Acq: 22 Oct 2022 01:19

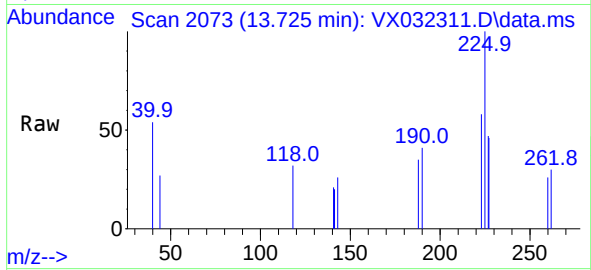
Tgt Ion: 75 Resp: 51584
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#





#94
 Hexachlorobutadiene
 Concen: 0.416 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX032311.D
 Acq: 22 Oct 2022 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-7-20221018



Tgt Ion: 225 Resp: 349

Ion	Ratio	Lower	Upper
225	100		
223	59.0	31.4	94.3
227	60.2	32.0	96.0

