

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032301.D
 Acq On : 21 Oct 2022 20:02
 Operator : JC/MD
 Sample : N5248-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-20-20221018

Quant Time: Oct 22 05:14:54 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)

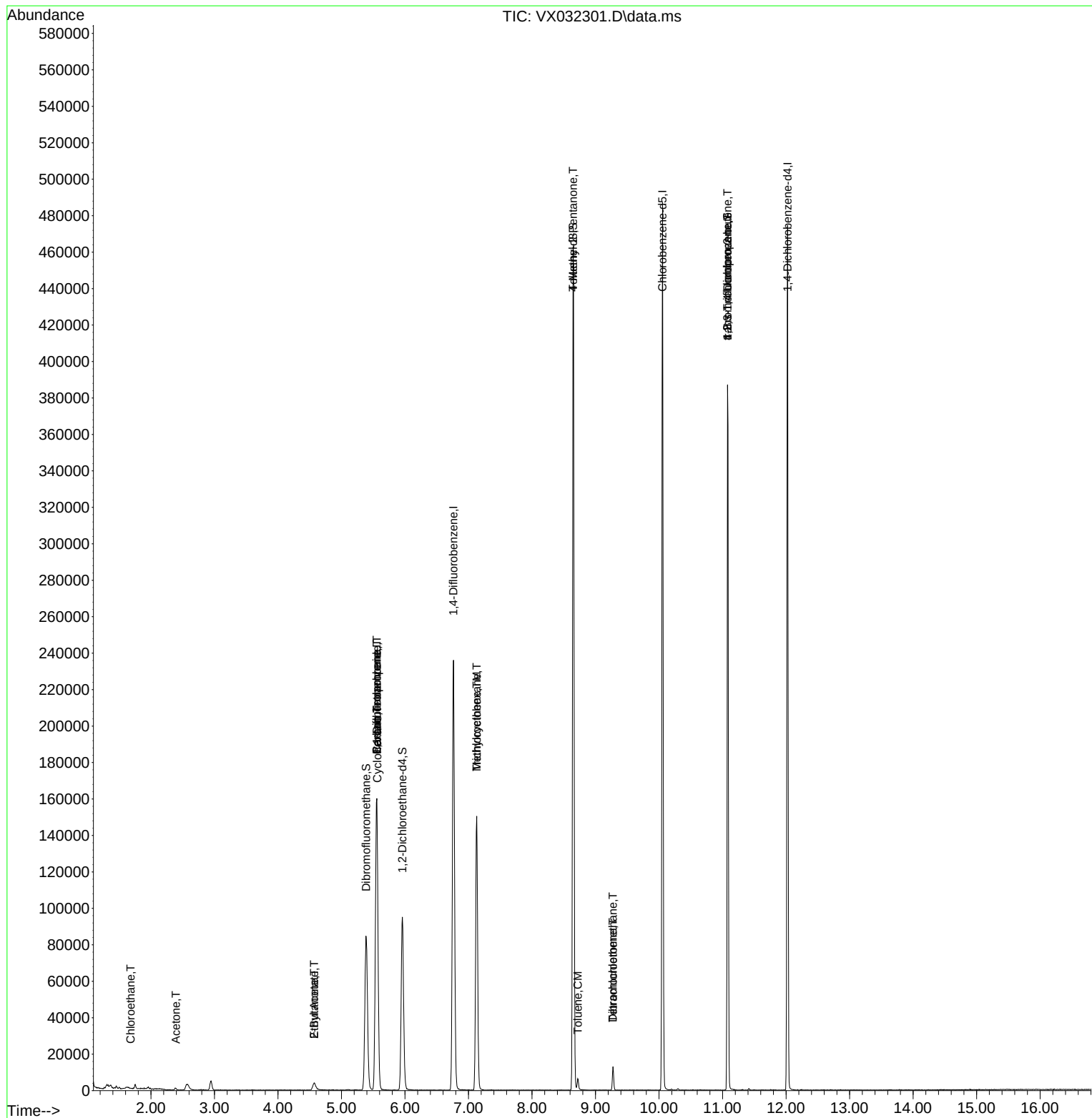
Internal Standards						
1) Pentafluorobenzene	5.556	168	151051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94370	48.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.385	113	72934	44.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	8.647	98	274390	46.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	11.079	95	98145	45.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	109	Below Cal	#	44
6) Chloroethane	1.679	64	82	2.006	ug/l #	41
11) Tert butyl alcohol	2.941	59	3196	Below Cal	#	74
16) Acetone	2.392	43	1414	2.217	ug/l #	78
25) 2-Butanone	4.568	43	484	0.486	ug/l #	48
31) Cyclohexane	5.562	56	3247	1.445	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	12100	5.773	ug/l #	50
37) Ethyl Acetate	4.568	43	484	0.236	ug/l #	77
38) Carbon Tetrachloride	5.556	117	15986	7.225	ug/l #	16
39) Methylcyclohexane	7.129	83	794	0.317	ug/l #	1
44) Trichloroethene	7.129	130	56724	33.907	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1358	0.673	ug/l #	1
52) Toluene	8.720	92	2507	0.637	ug/l	92
60) Dibromochloromethane	9.275	129	2198	1.342	ug/l #	11
64) Tetrachloroethene	9.275	164	2280	1.682	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	52932	27.834	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	52932	85.378	ug/l #	6

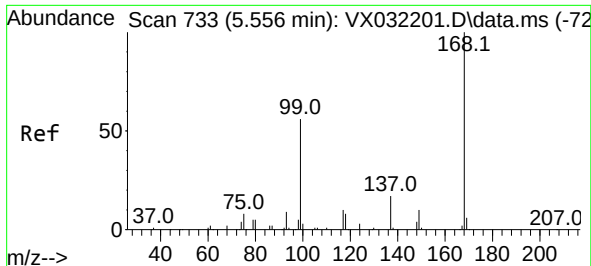
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

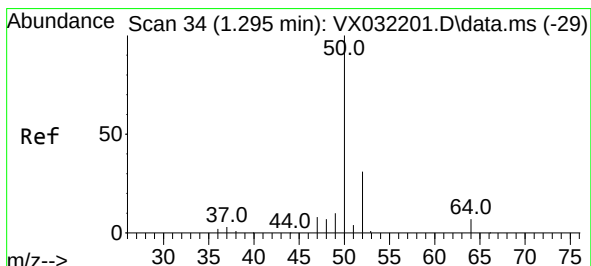
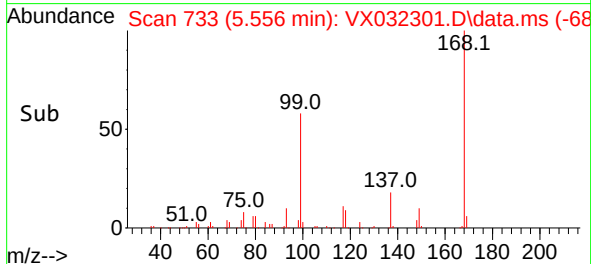
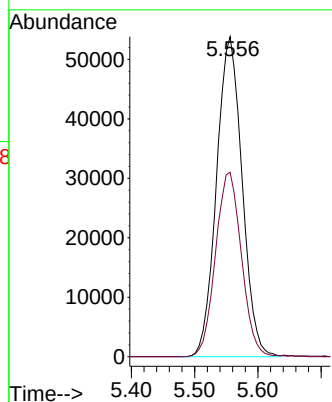
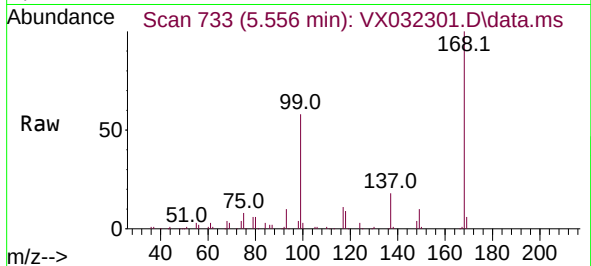




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

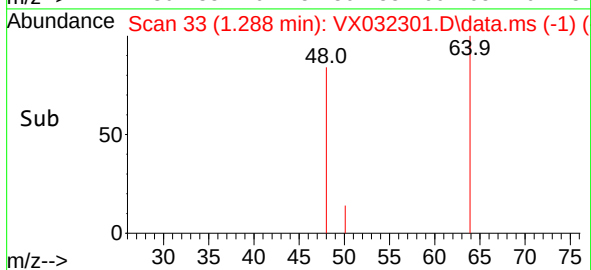
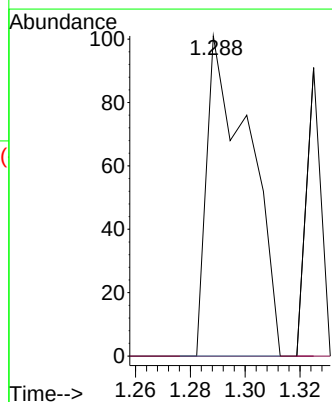
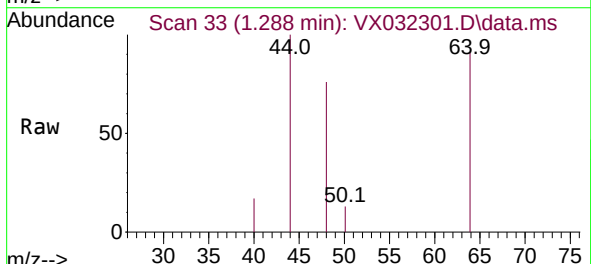
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

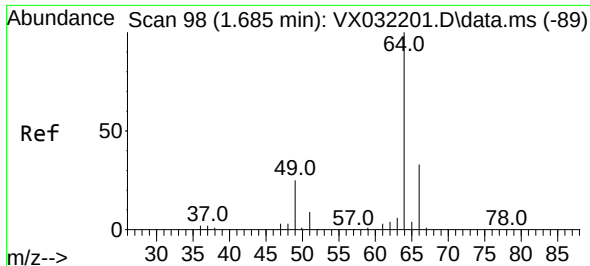
Tgt Ion:168 Resp: 151051
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 50 Resp: 109
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

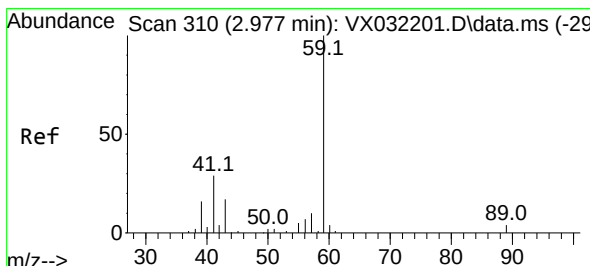
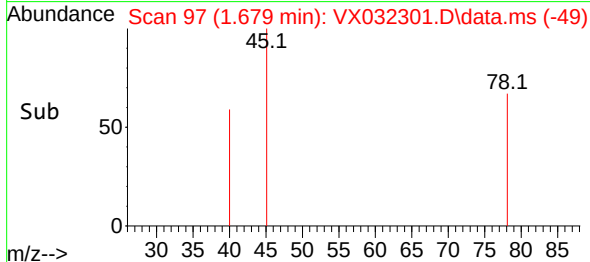
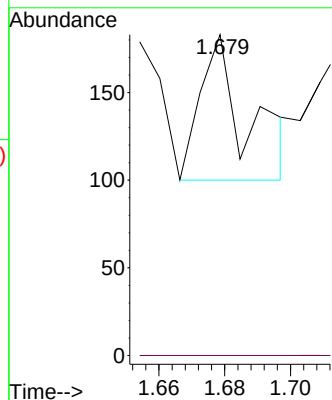
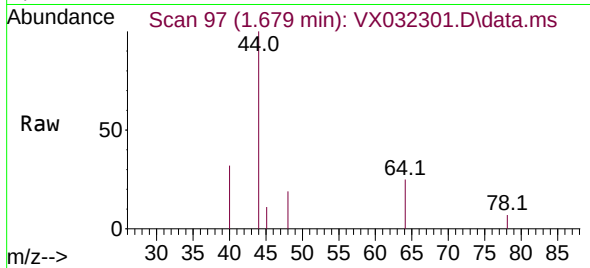




#6
Chloroethane
Concen: 2.006 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

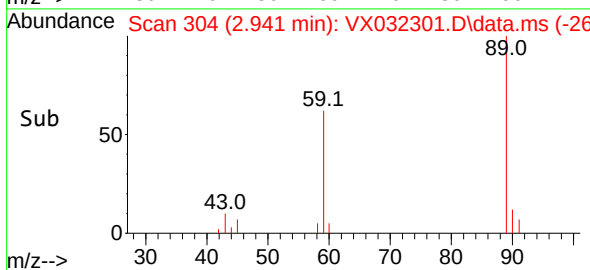
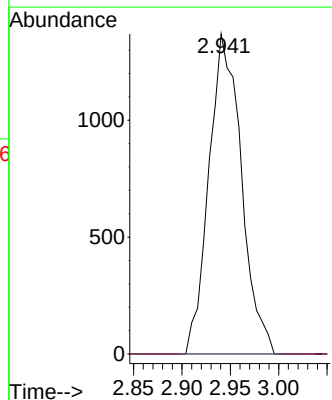
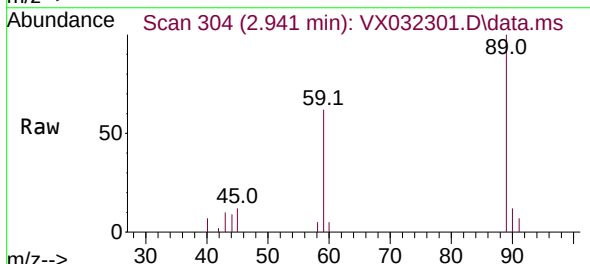
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

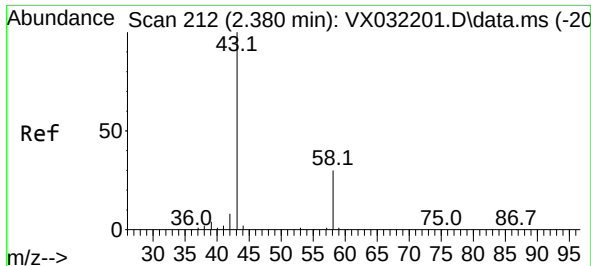
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 59 Resp: 3196
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

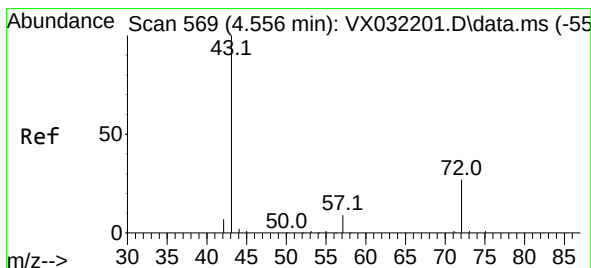
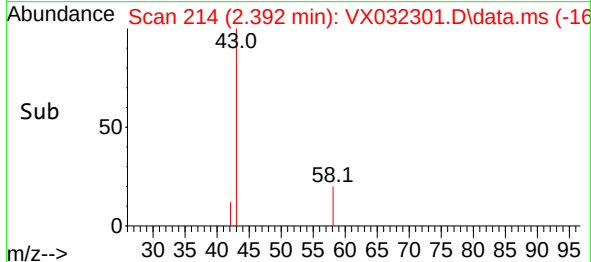
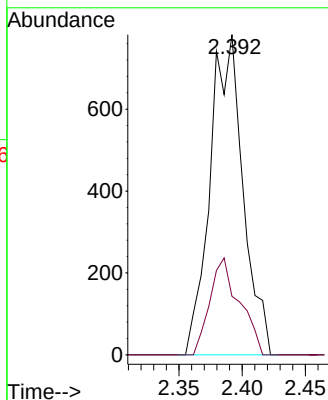
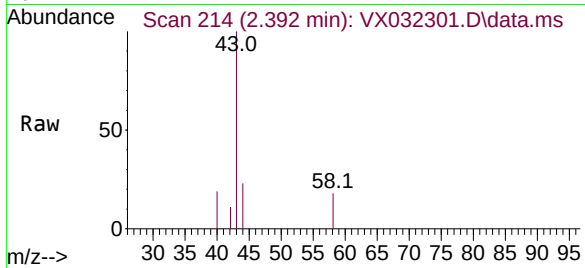




#16
Acetone
Concen: 2.217 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

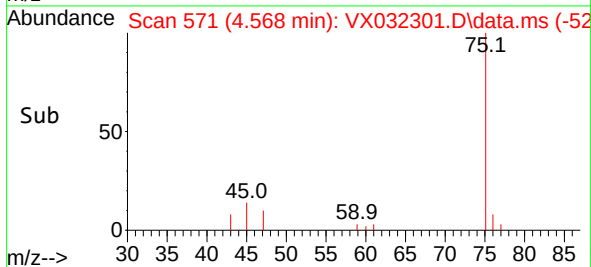
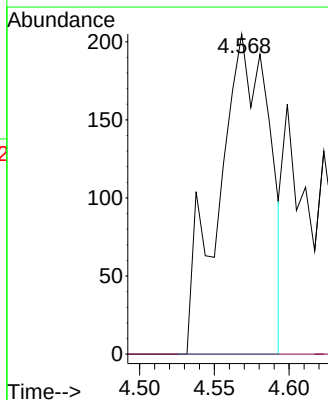
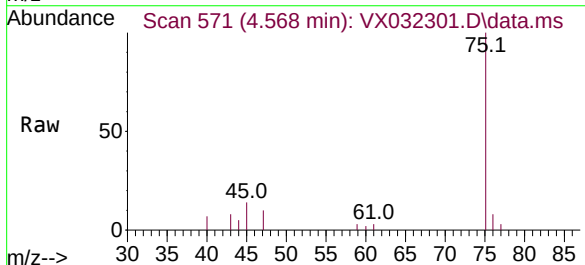
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

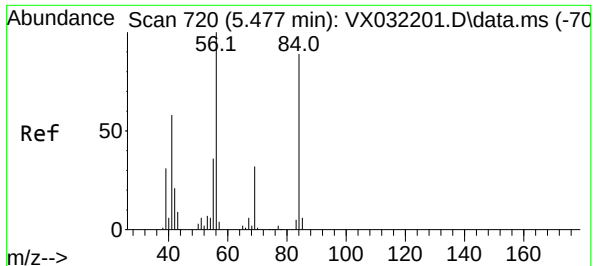
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 18.3 24.2 36.2#



#25
2-Butanone
Concen: 0.486 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#

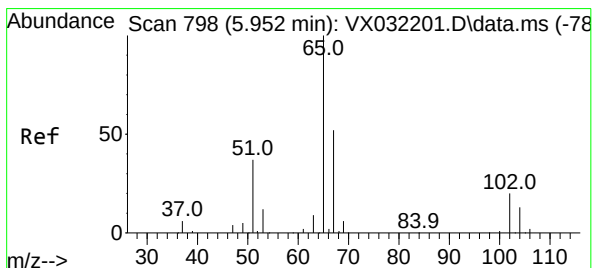
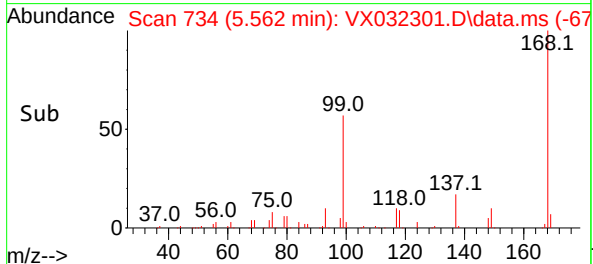
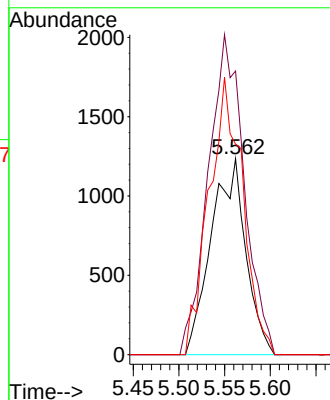
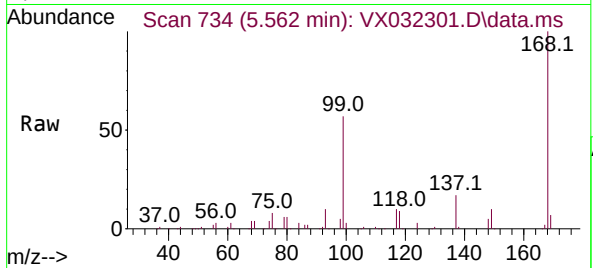




#31
Cyclohexane
Concen: 1.445 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

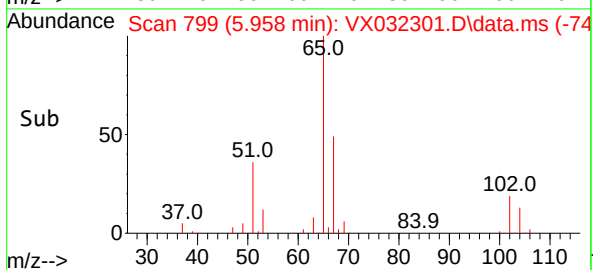
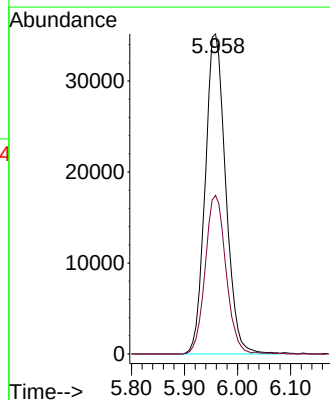
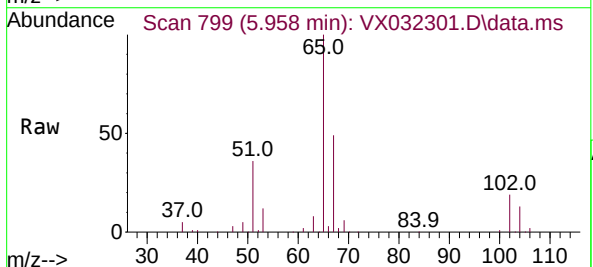
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

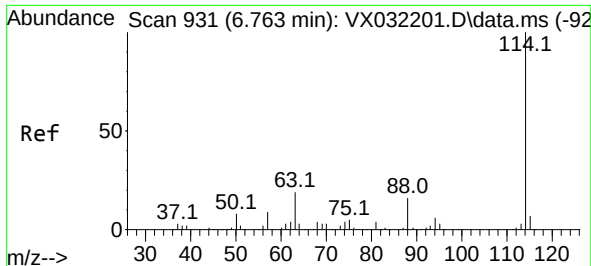
Tgt Ion: 56 Resp: 3247
Ion Ratio Lower Upper
56 100
69 144.8 25.4 38.0#
84 107.4 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 48.025 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 65 Resp: 94370
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

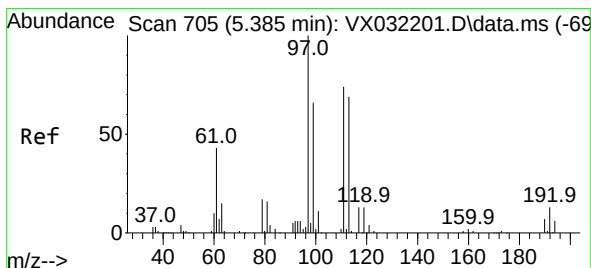
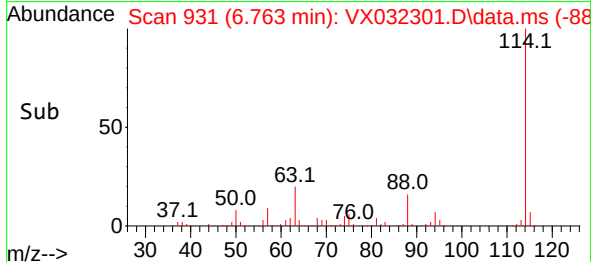
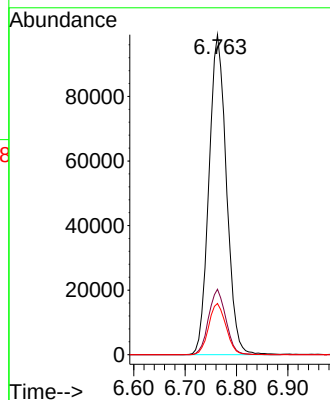
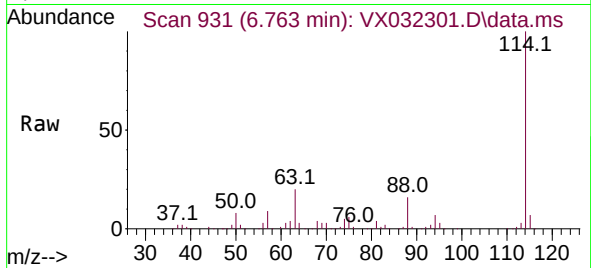




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX032301.D
 Acq: 21 Oct 2022 20:02

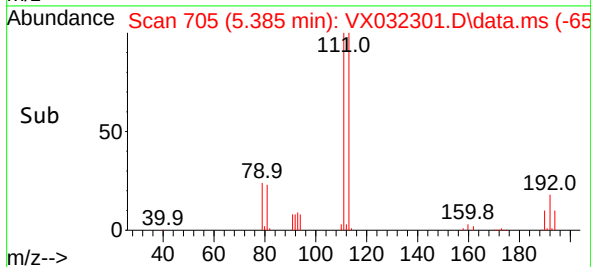
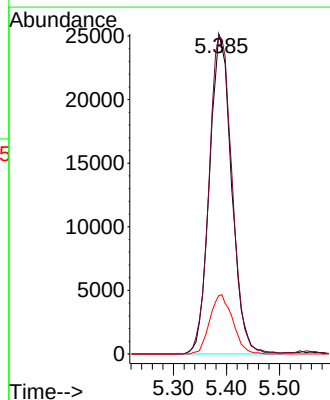
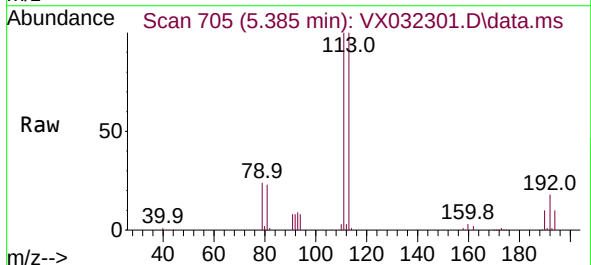
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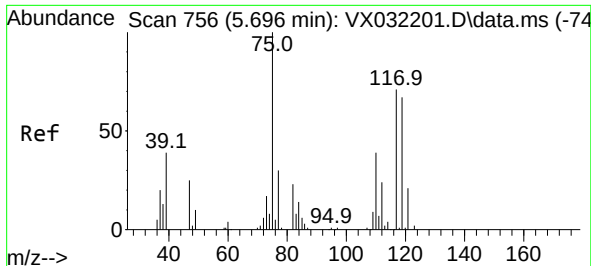
Tgt Ion:114 Resp: 234161
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.6
 88 16.0 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 44.760 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX032301.D
 Acq: 21 Oct 2022 20:02

Tgt Ion:113 Resp: 72934
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 19.1 15.5 23.3

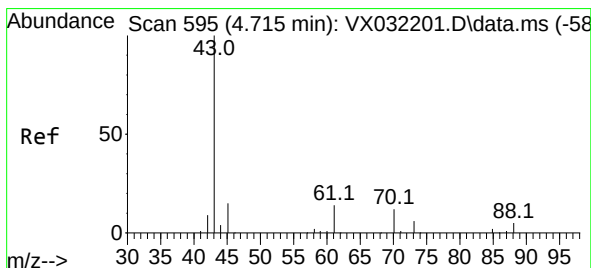
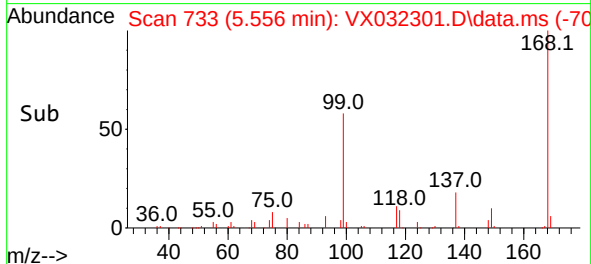
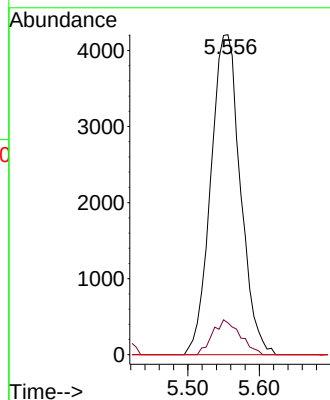
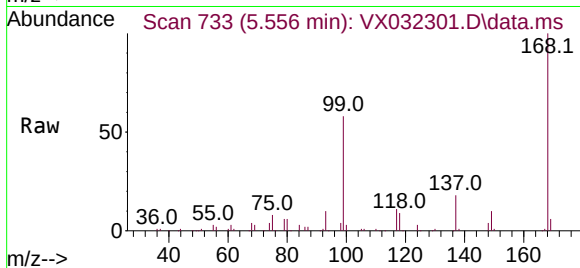




#36
1,1-Dichloropropene
Concen: 5.773 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

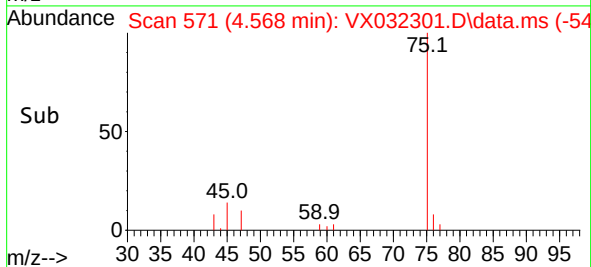
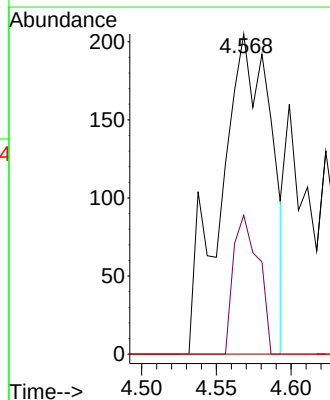
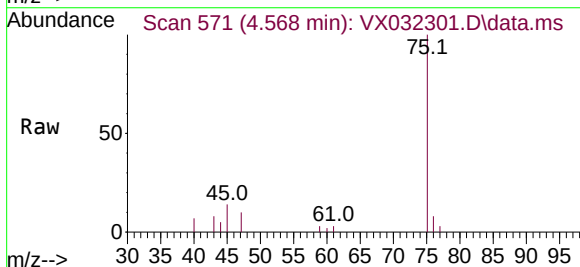
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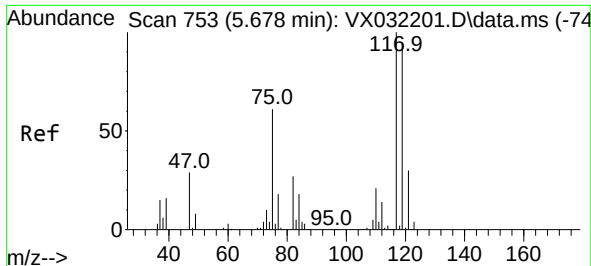
Tgt Ion: 75 Resp: 12100
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.0#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.236 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.147 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

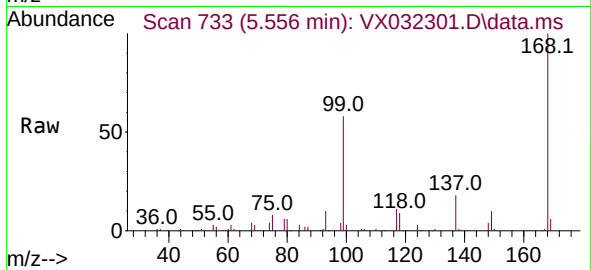
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
61 21.5 11.4 17.2#
70 0.0 8.8 13.2#



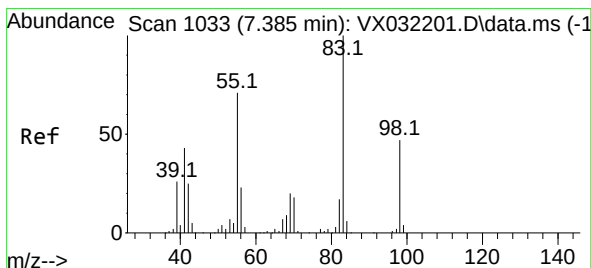
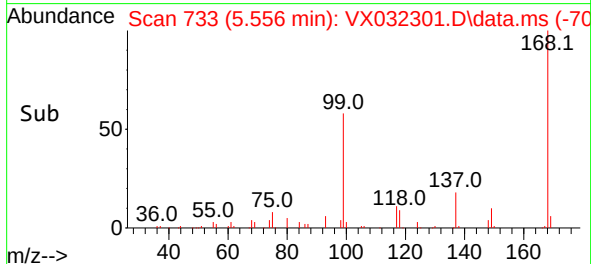
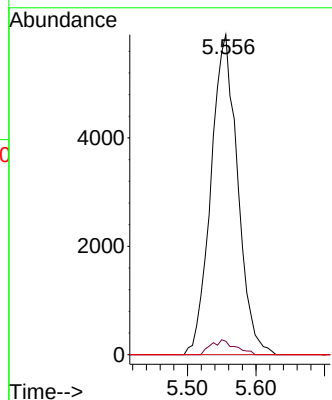


#38
Carbon Tetrachloride
Concen: 7.225 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

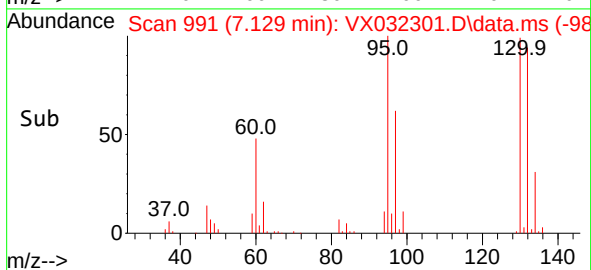
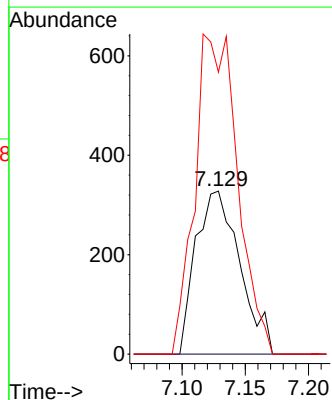
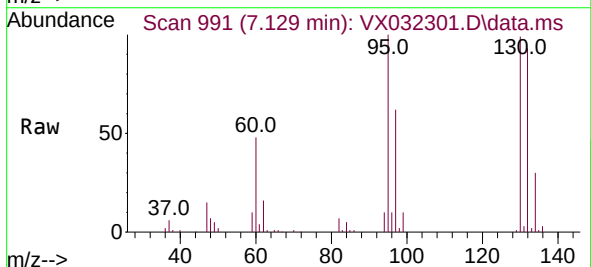


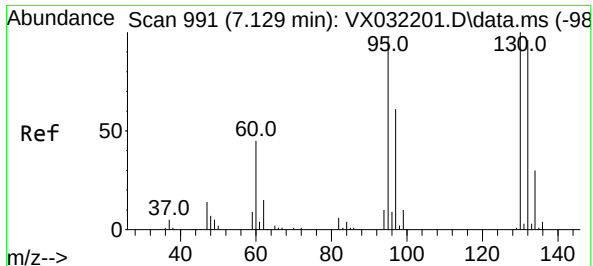
Tgt Ion:117 Resp: 15986
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.317 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 83 Resp: 794
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 172.9 37.4 56.0#

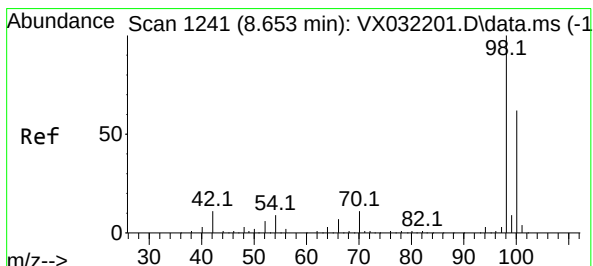
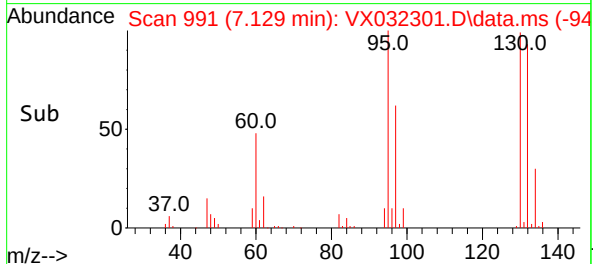
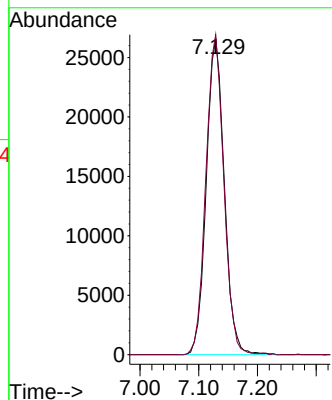
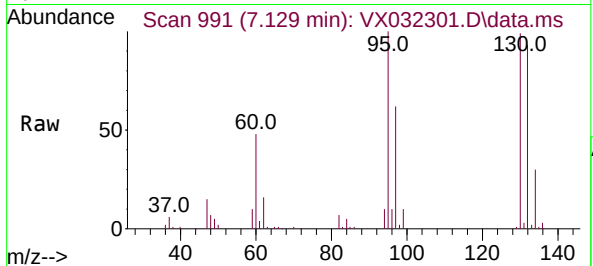




#44
Trichloroethene
Concen: 33.907 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

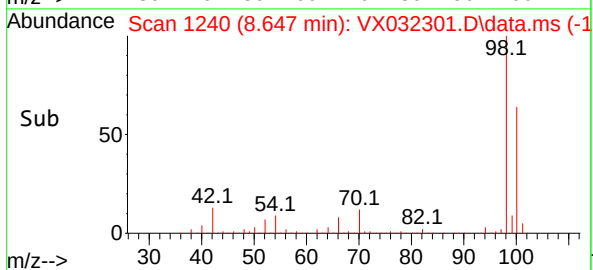
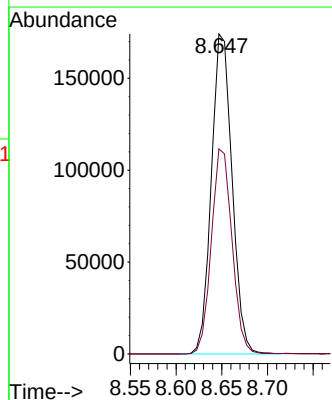
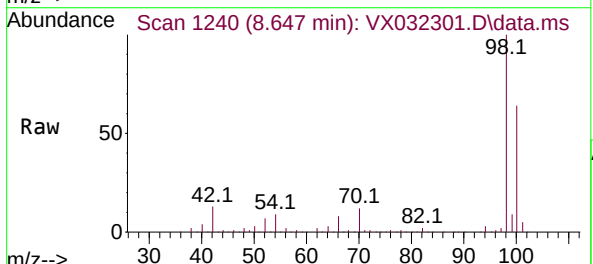
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

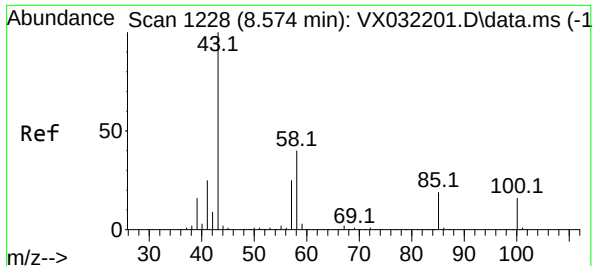
Tgt Ion:130 Resp: 56724
Ion Ratio Lower Upper
130 100
95 101.2 0.0 196.8



#50
Toluene-d8
Concen: 46.780 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 98 Resp: 274390
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.673 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032301.D

Acq: 21 Oct 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

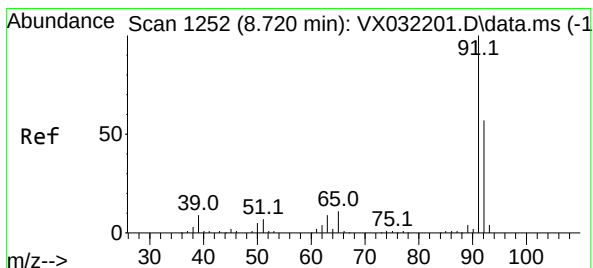
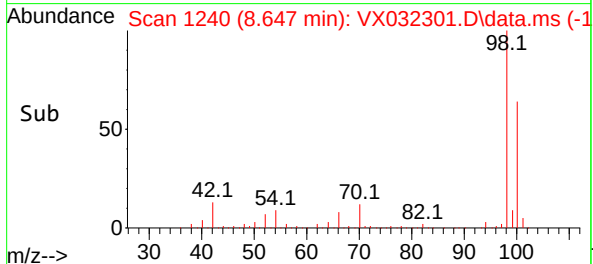
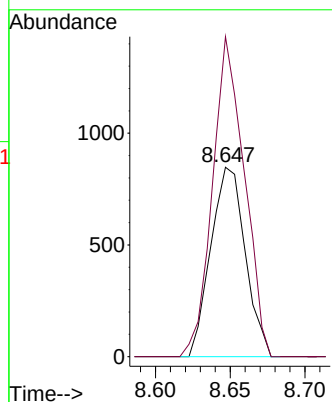
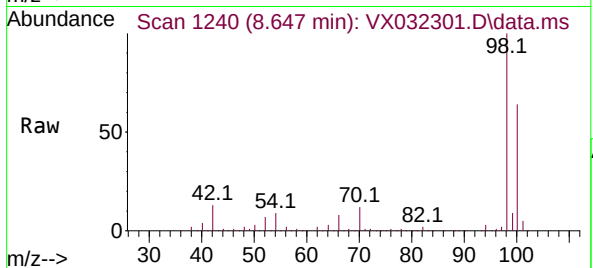
FSND-MW-20-20221018

Tgt Ion: 43 Resp: 1358

Ion Ratio Lower Upper

43 100

58 156.2 31.0 46.4#



#52

Toluene

Concen: 0.637 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032301.D

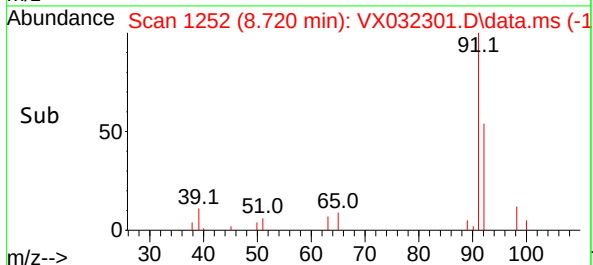
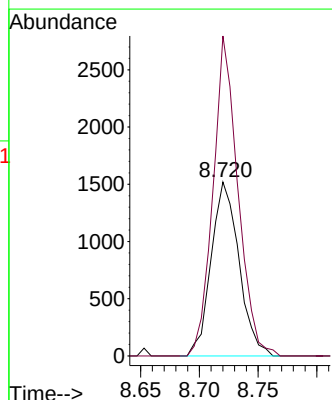
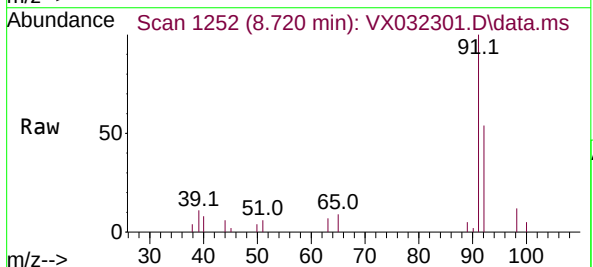
Acq: 21 Oct 2022 20:02

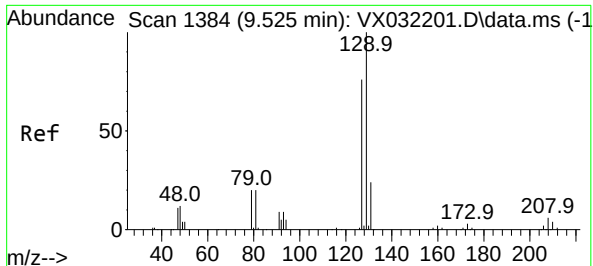
Tgt Ion: 92 Resp: 2507

Ion Ratio Lower Upper

92 100

91 164.6 140.3 210.5

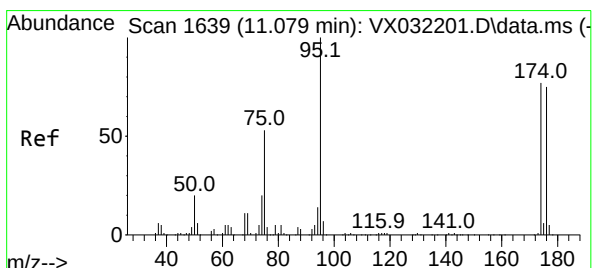
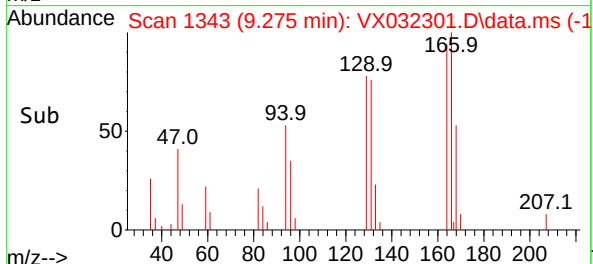
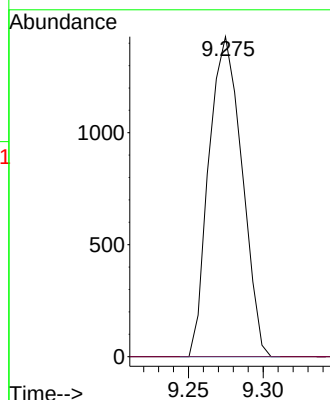
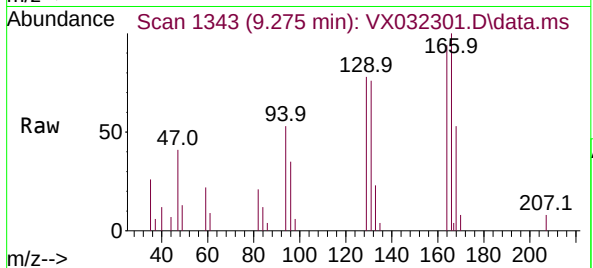




#60
Dibromochloromethane
Concen: 1.342 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

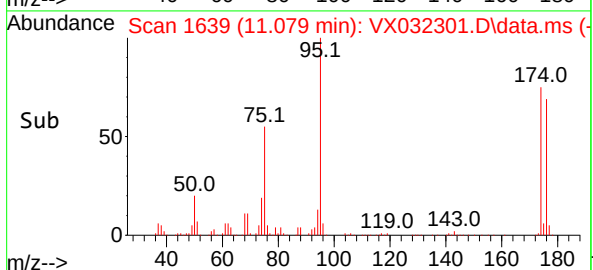
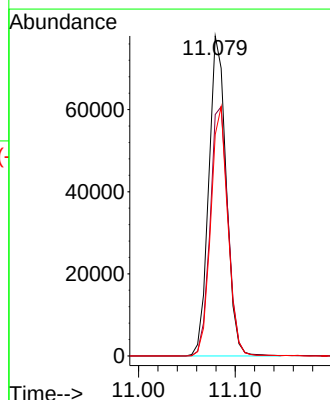
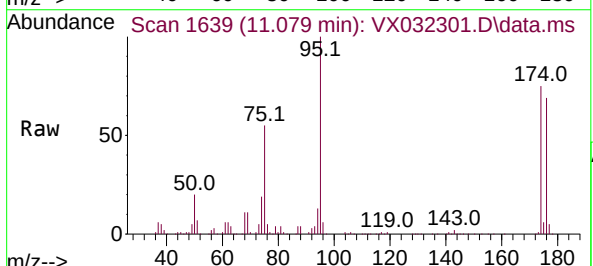
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

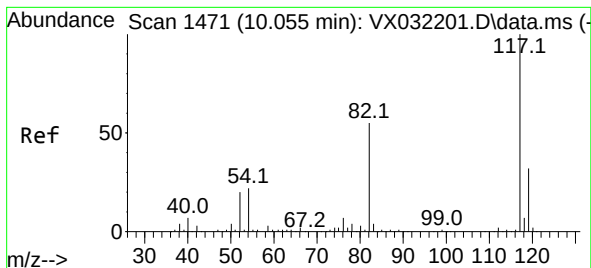
Tgt Ion:129 Resp: 2198
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 95 Resp: 98145
Ion Ratio Lower Upper
95 100
174 80.4 0.0 166.8
176 76.1 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: VX032301.D

Acq: 21 Oct 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-20-20221018

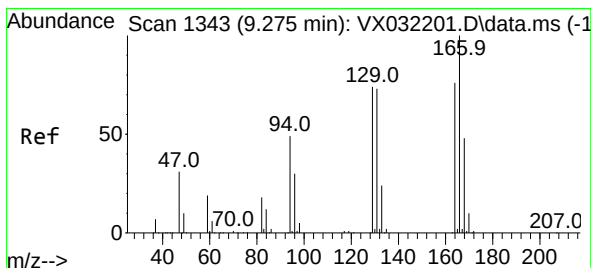
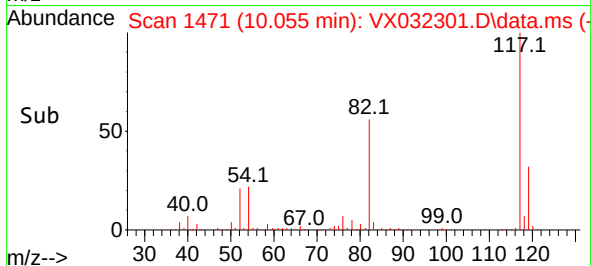
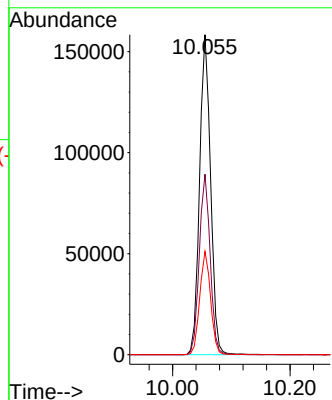
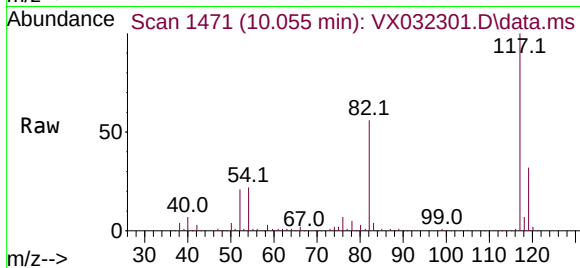
Tgt Ion:117 Resp: 205241

Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.4

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 1.682 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX032301.D

Acq: 21 Oct 2022 20:02

Tgt Ion:164 Resp: 2280

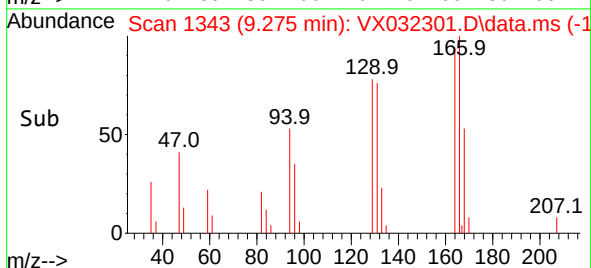
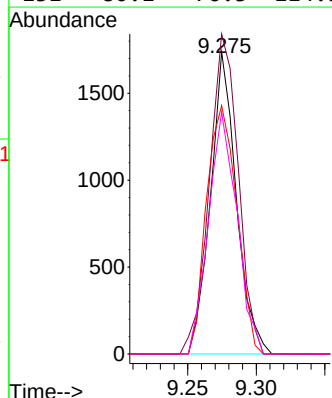
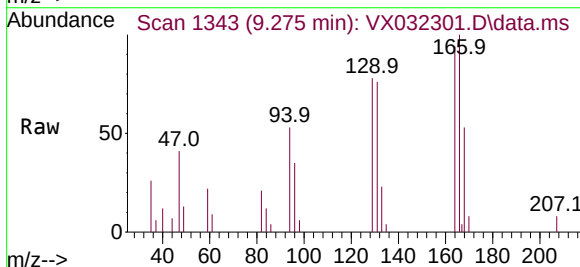
Ion Ratio Lower Upper

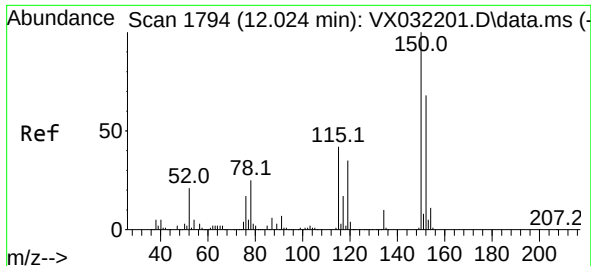
164 100

166 105.9 104.9 157.3

129 82.2 77.8 116.6

131 80.1 76.3 114.5

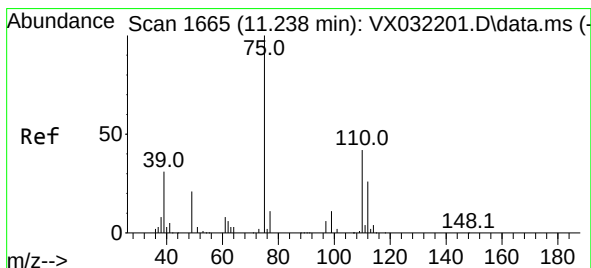
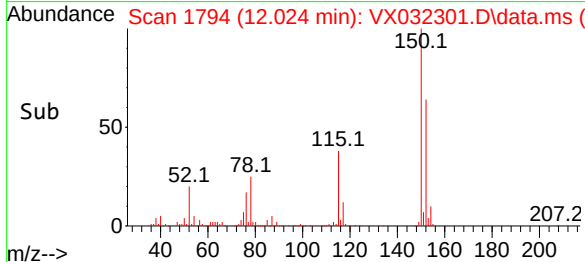
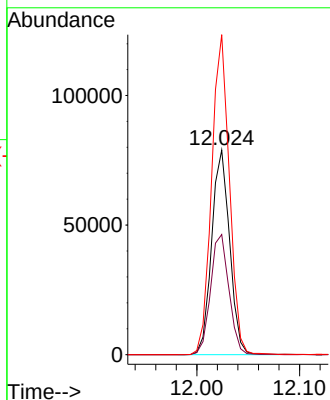
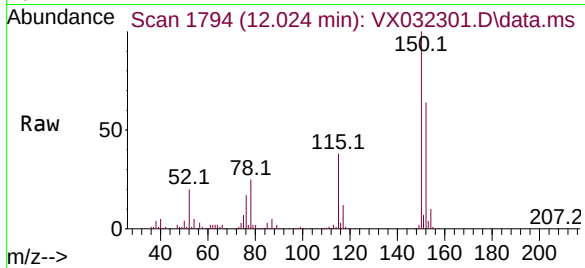




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032301.D
 Acq: 21 Oct 2022 20:02

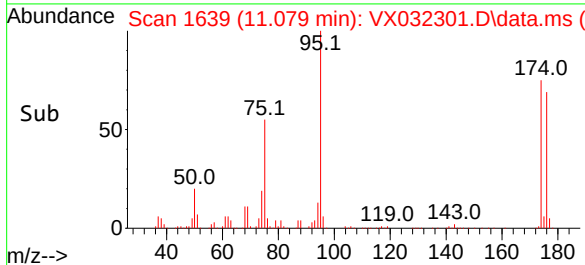
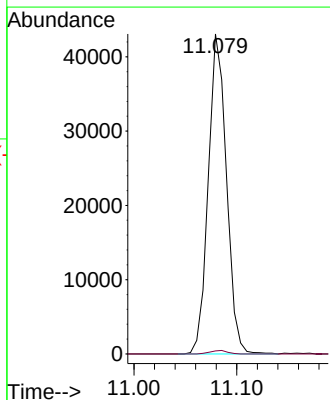
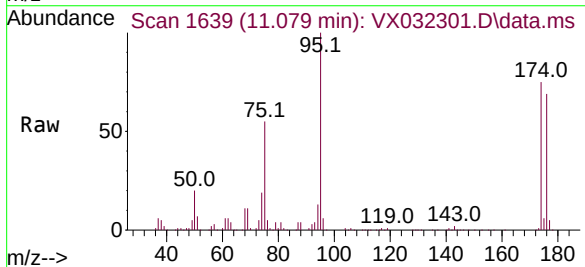
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-20-20221018

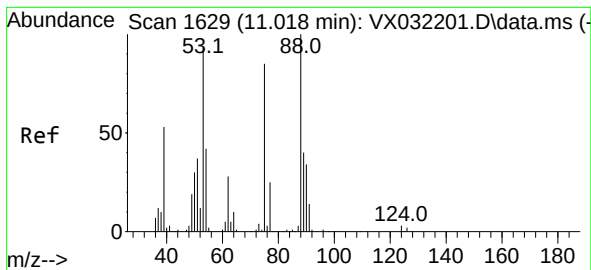
Tgt Ion:152 Resp: 95976
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.1 129.4
 150 154.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.834 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032301.D
 Acq: 21 Oct 2022 20:02

Tgt Ion: 75 Resp: 52932
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.378 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032301.D
 Acq: 21 Oct 2022 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-20-20221018

Tgt Ion: 75 Resp: 52932
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

