

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032320.D
 Acq On : 22 Oct 2022 04:48
 Operator : JC/MD
 Sample : N5248-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-15-20221019

Quant Time: Oct 22 06:05:50 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)

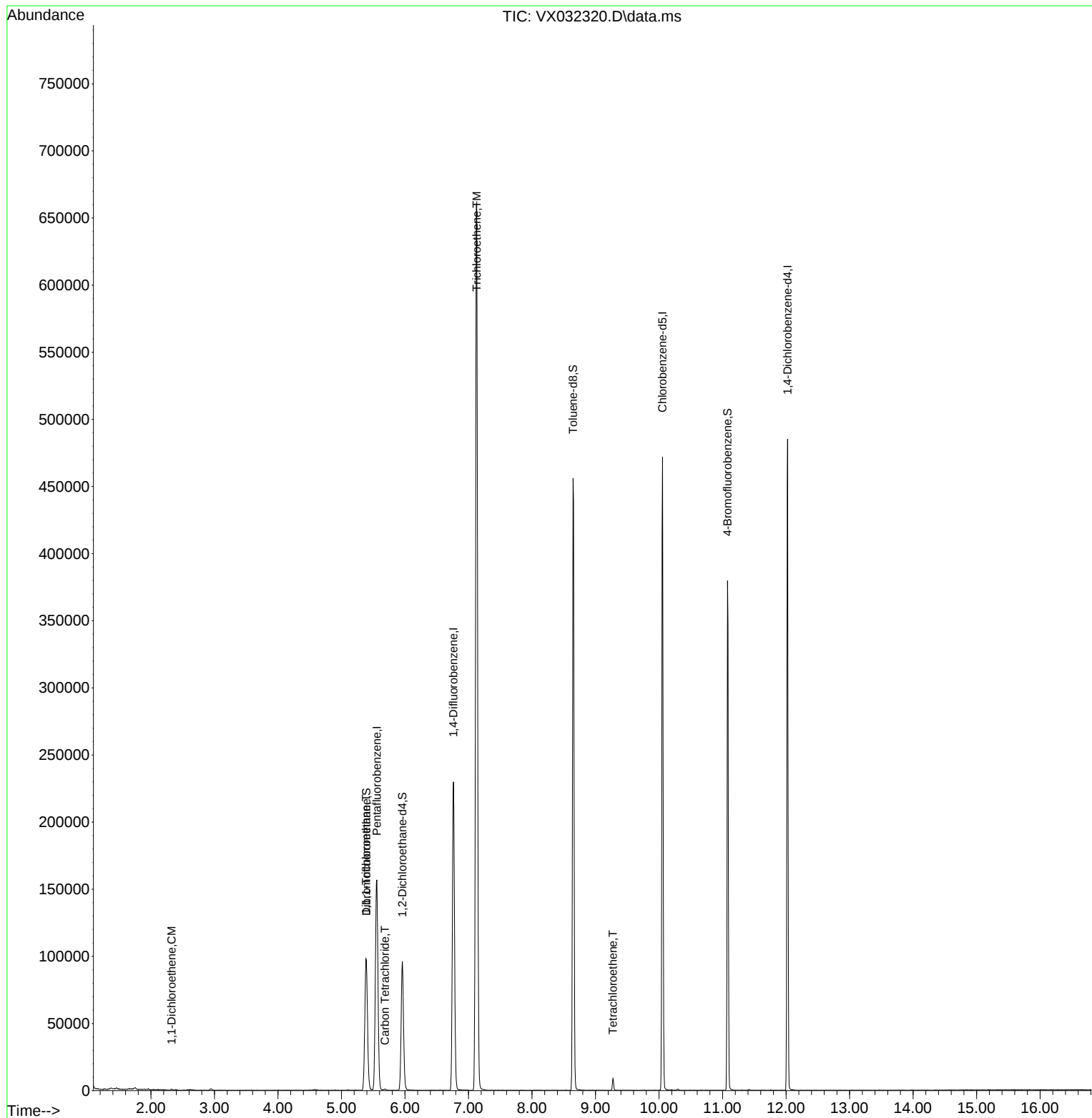
Internal Standards						
1) Pentafluorobenzene	5.556	168	146798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92857	48.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.391	113	73296	45.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.580%
50) Toluene-d8	8.647	98	271053	46.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.060%
62) 4-Bromofluorobenzene	11.079	95	95600	44.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	333	0.254	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	13608	5.631	ug/l	98
38) Carbon Tetrachloride	5.684	117	838	0.381	ug/l #	68
44) Trichloroethene	7.129	130	252349	151.884	ug/l	99
64) Tetrachloroethene	9.275	164	1573	1.168	ug/l	95

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

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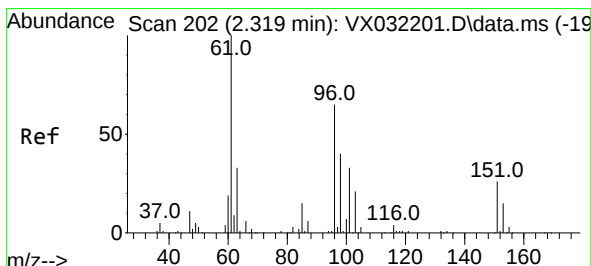
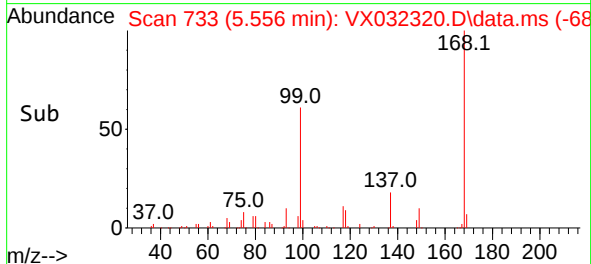
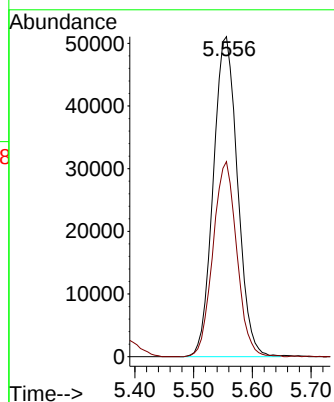
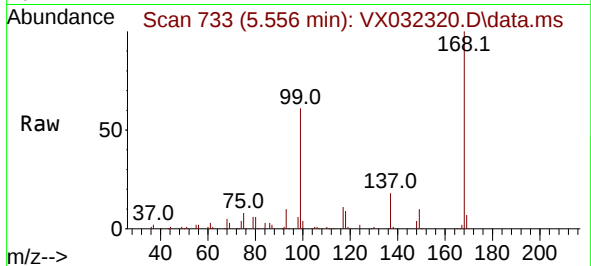




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

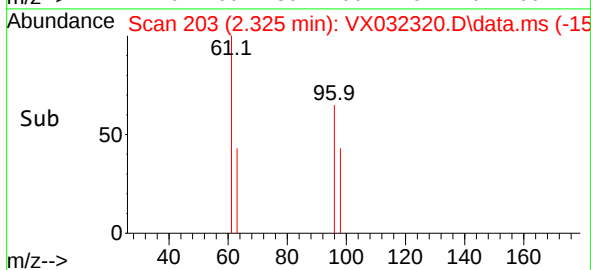
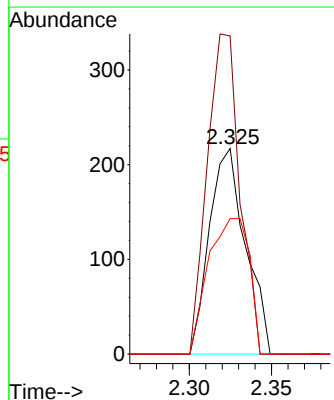
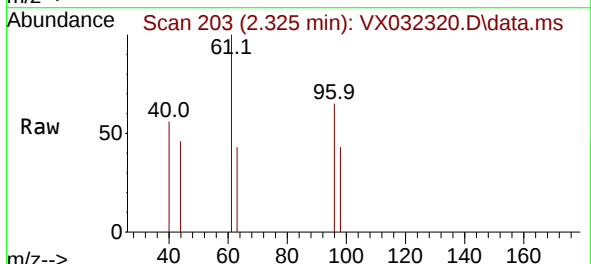
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

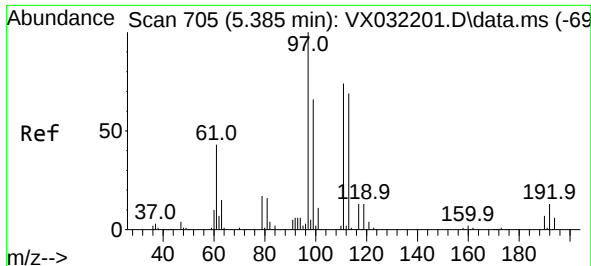
Tgt Ion:168 Resp: 146798
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#12
1,1-Dichloroethene
Concen: 0.254 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 96 Resp: 333
Ion Ratio Lower Upper
96 100
61 154.8 124.0 186.0
98 65.9 50.0 75.0

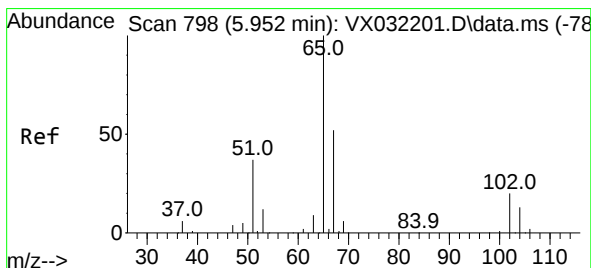
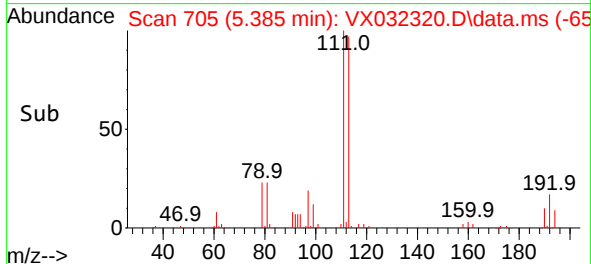
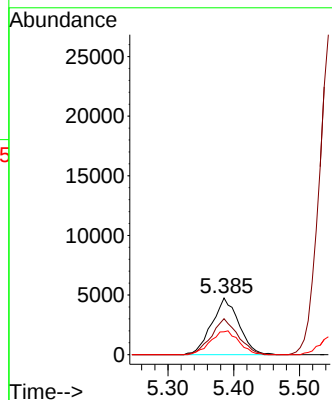
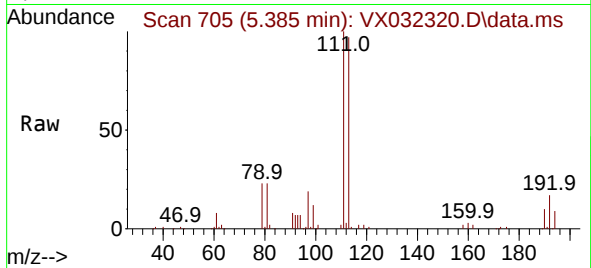




#32
1,1,1-Trichloroethane
Concen: 5.631 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

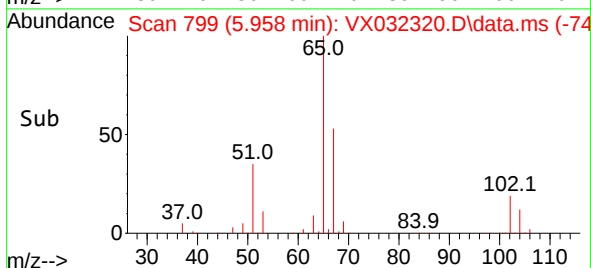
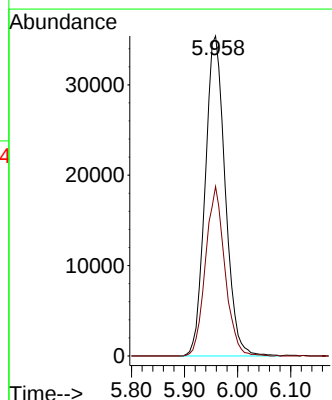
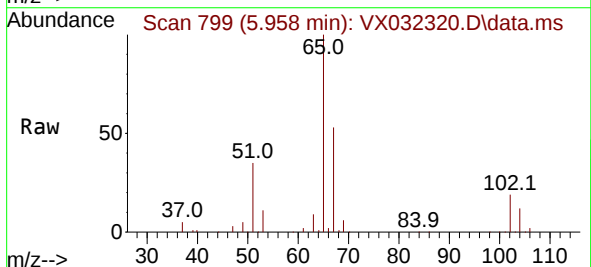
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

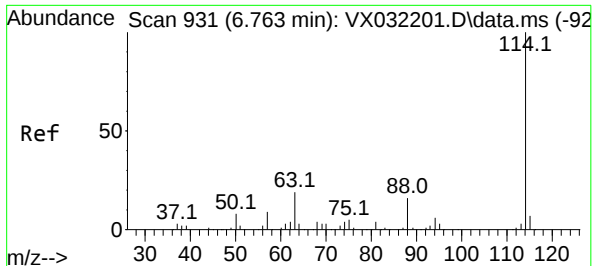
Tgt Ion: 97 Resp: 13608
Ion Ratio Lower Upper
97 100
99 62.3 51.8 77.8
61 43.9 35.7 53.5



#33
1,2-Dichloroethane-d4
Concen: 48.624 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 65 Resp: 92857
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6

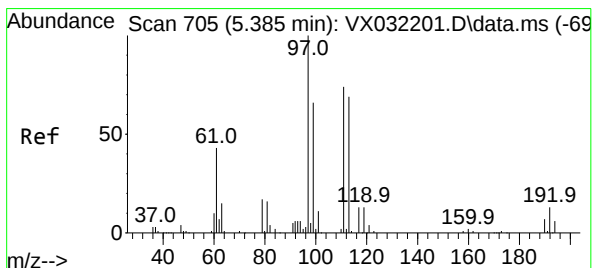
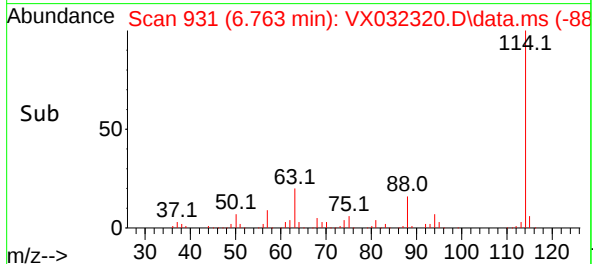
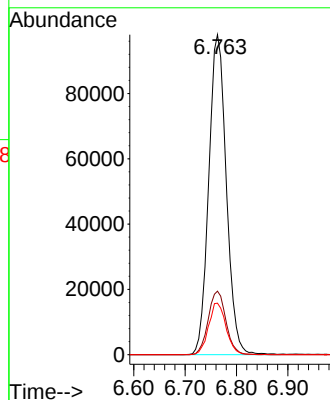
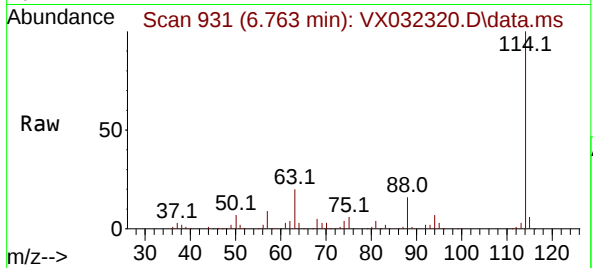




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

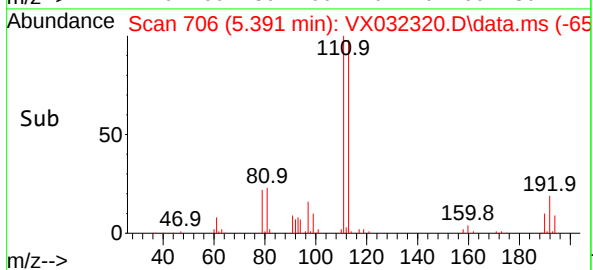
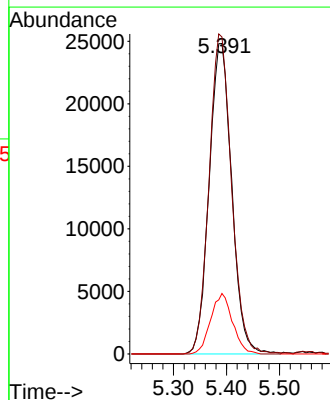
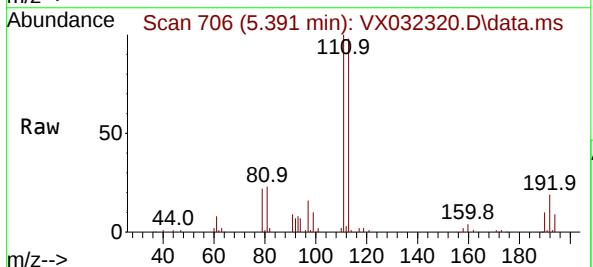
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

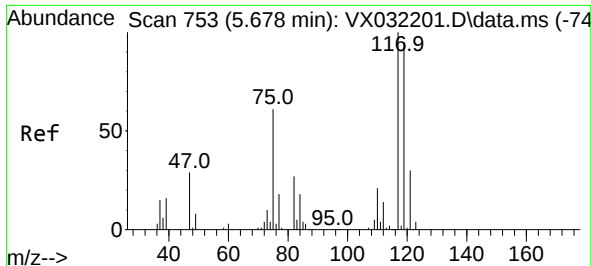
Tgt Ion:114 Resp: 232558
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion:113 Resp: 73296
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.9 15.5 23.3

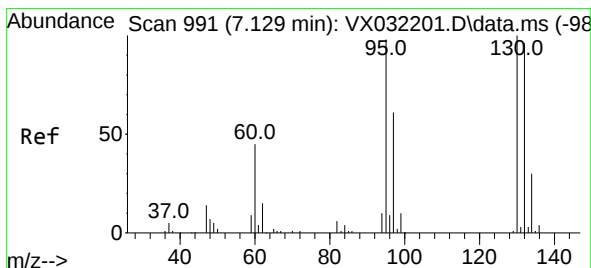
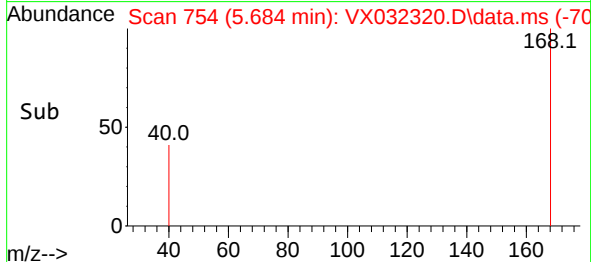
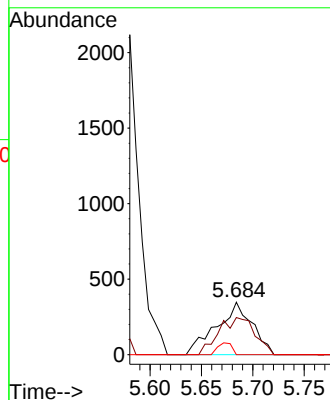
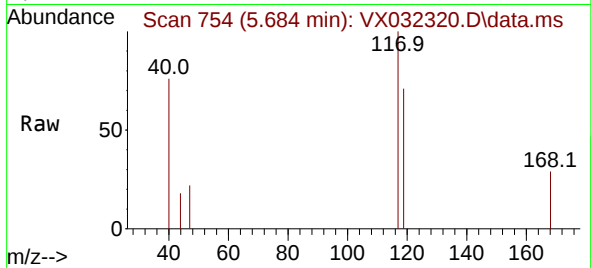




#38
Carbon Tetrachloride
Concen: 0.381 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

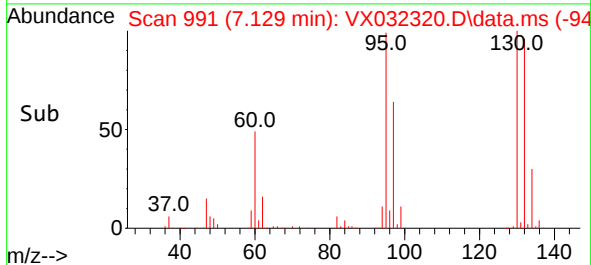
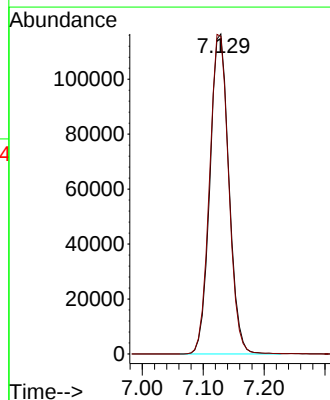
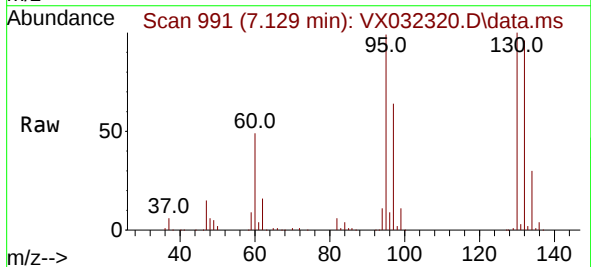
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

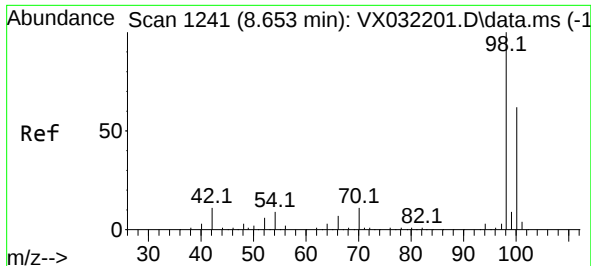
Tgt Ion:117 Resp: 838
Ion Ratio Lower Upper
117 100
119 70.6 75.4 113.0#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 151.884 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion:130 Resp: 252349
Ion Ratio Lower Upper
130 100
95 99.3 0.0 196.8

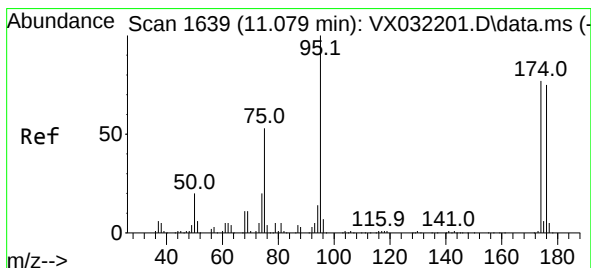
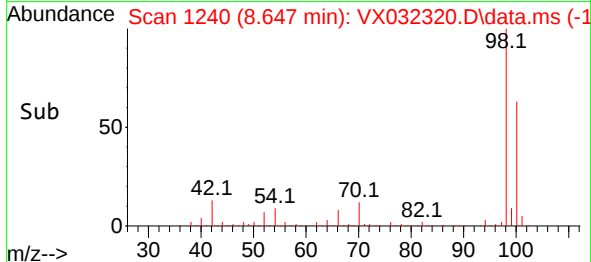
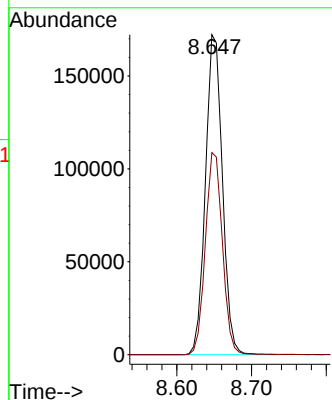
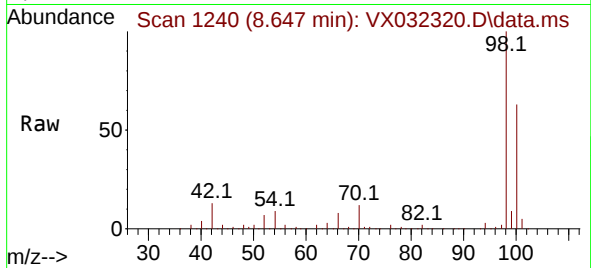




#50
Toluene-d8
Concen: 46.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

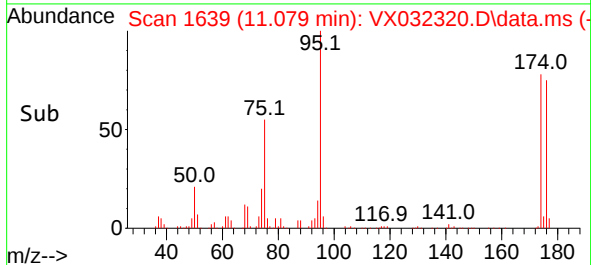
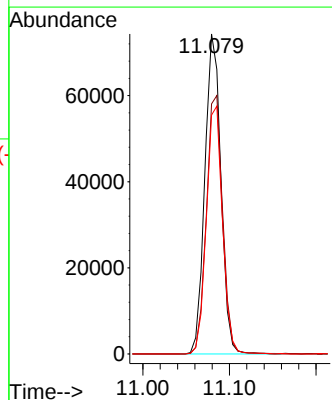
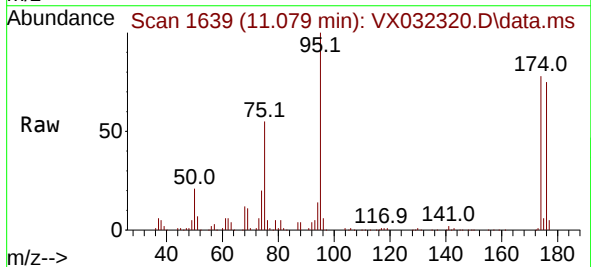
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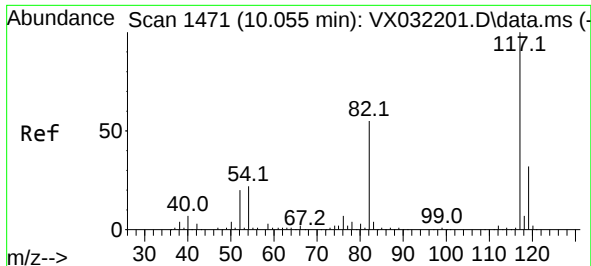
Tgt Ion: 98 Resp: 271053
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 95 Resp: 95600
Ion Ratio Lower Upper
95 100
174 82.0 0.0 166.8
176 77.9 0.0 161.4

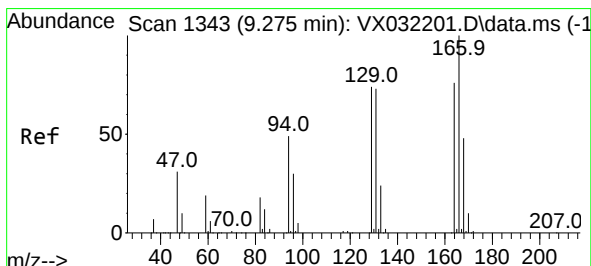
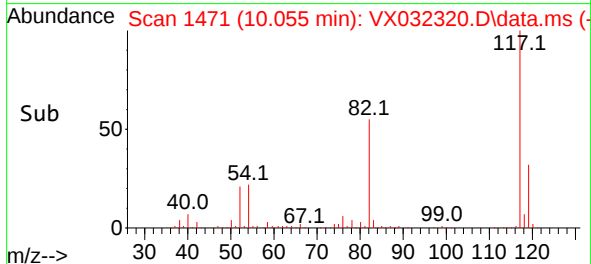
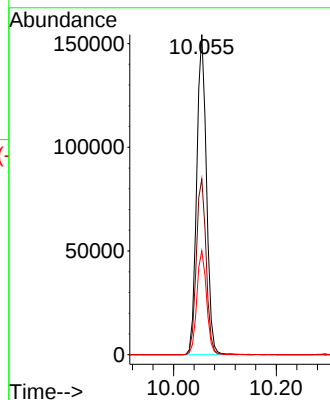
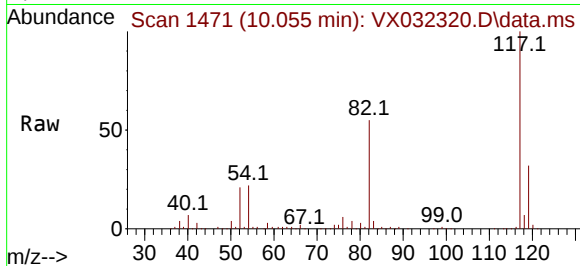




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

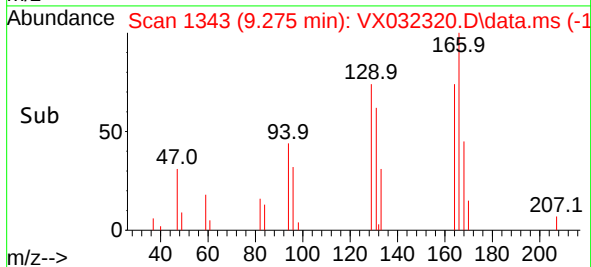
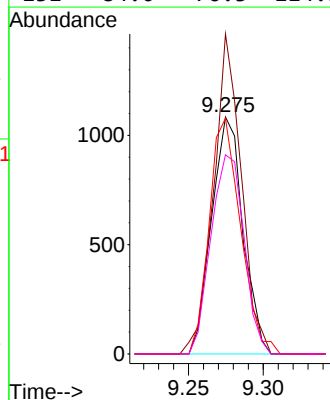
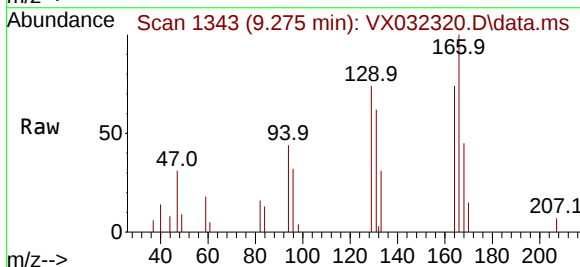
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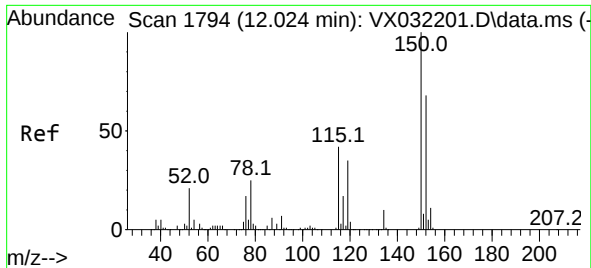
Tgt Ion:117 Resp: 204028
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 1.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

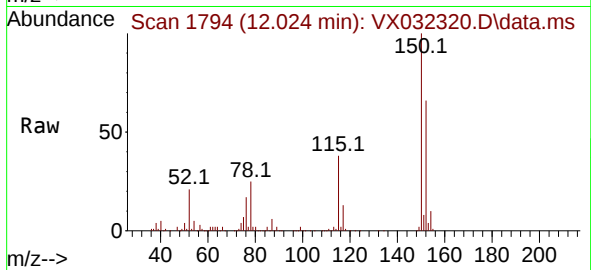
Tgt Ion:164 Resp: 1573
Ion Ratio Lower Upper
164 100
166 135.1 104.9 157.3
129 99.4 77.8 116.6
131 84.0 76.3 114.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032320.D
 Acq: 22 Oct 2022 04:48

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	43.1	129.4
150	156.1	0.0	348.6

