

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

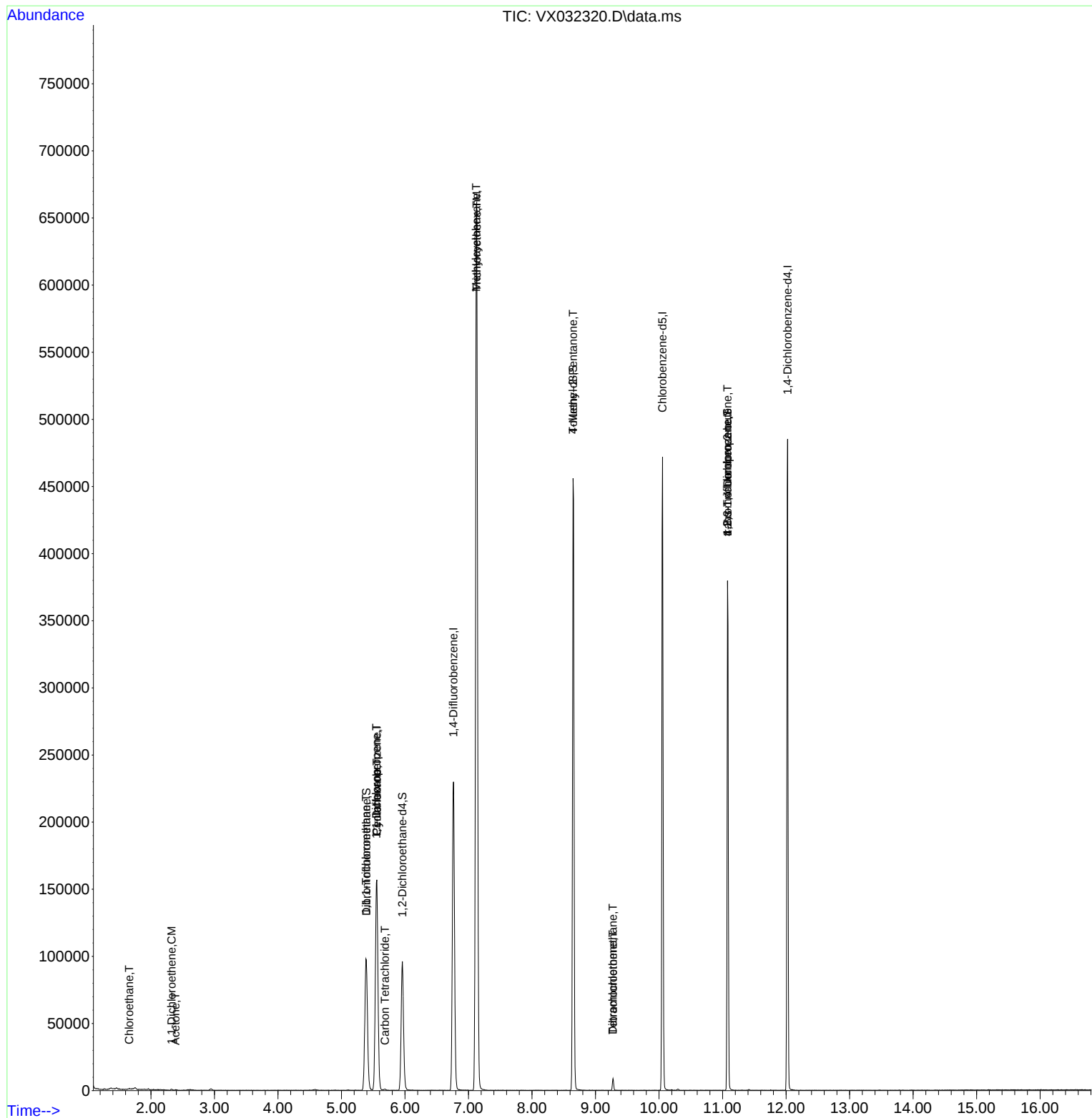
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	146798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95280	50.000	ug/l	0.00
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	
6) Chloroethane	1.654	64	109	2.025	ug/l #	41
11) Tert butyl alcohol	2.947	59	819	Below Cal	#	74
12) 1,1-Dichloroethene	2.325	96	333	0.254	ug/l	99
16) Acetone	2.386	43	677	1.092	ug/l #	88
31) Cyclohexane	5.556	56	3473	1.591	ug/l #	16
32) 1,1,1-Trichloroethane	5.385	97	13608	5.631	ug/l	98
36) 1,1-Dichloropropene	5.550	75	11616	5.580	ug/l #	49
38) Carbon Tetrachloride	5.684	117	838	0.381	ug/l #	68
39) Methylcyclohexane	7.123	83	3059	1.230	ug/l #	1
44) Trichloroethene	7.129	130	252349	151.884	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1226	0.611	ug/l #	1
60) Dibromochloromethane	9.275	129	1572	0.966	ug/l #	11
64) Tetrachloroethene	9.275	164	1573	1.168	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	52521	27.820	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	52521	85.335	ug/l #	6

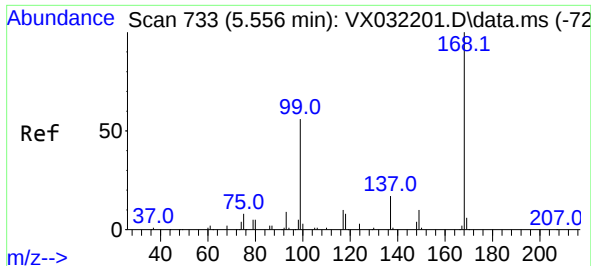
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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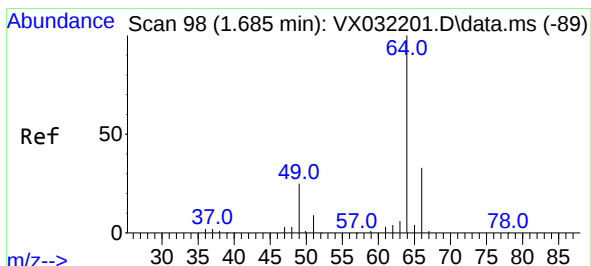
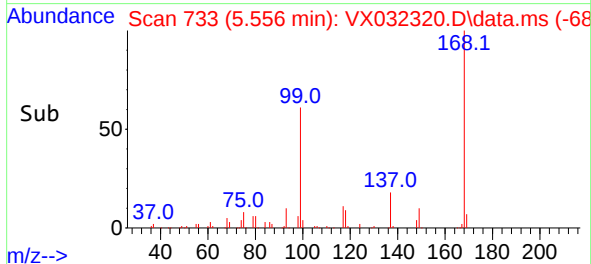
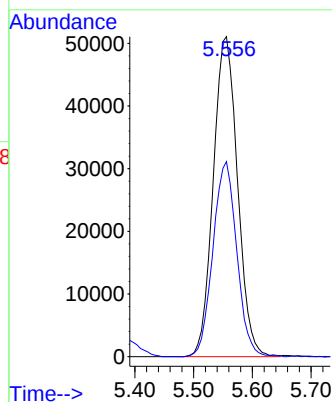
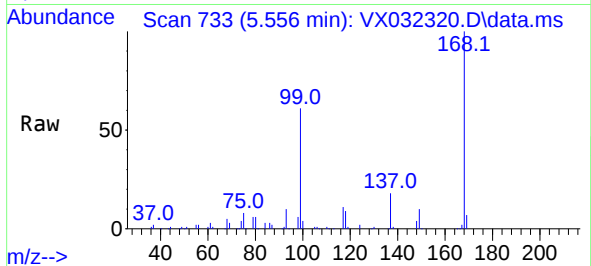




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

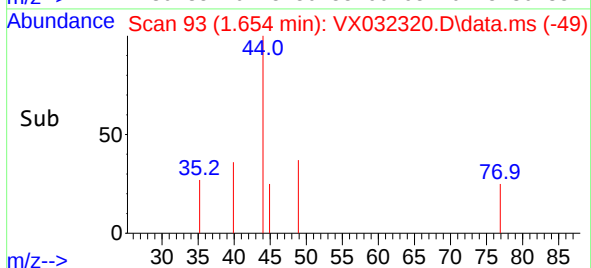
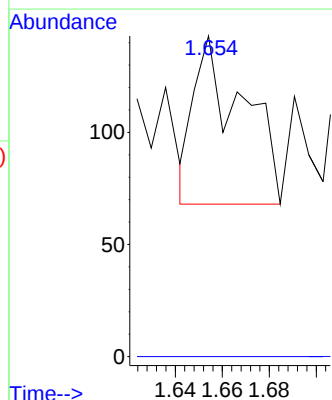
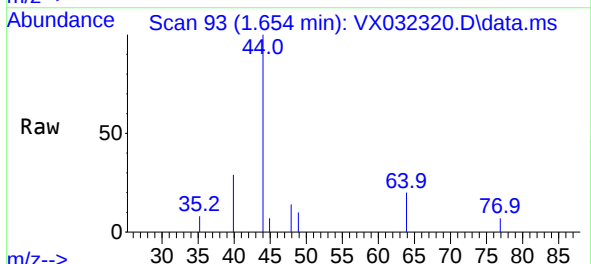
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

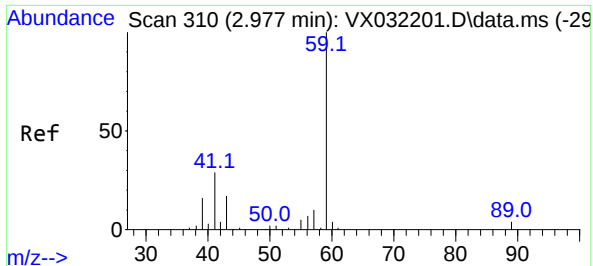
Tgt Ion:168 Resp: 146798
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#6
Chloroethane
Concen: 2.025 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.031 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8

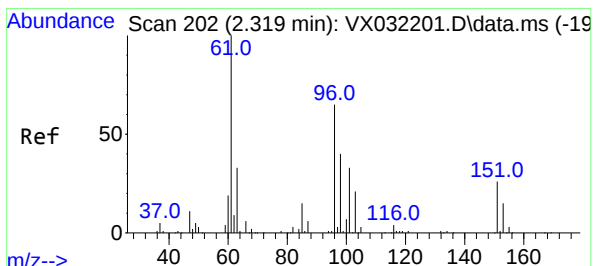
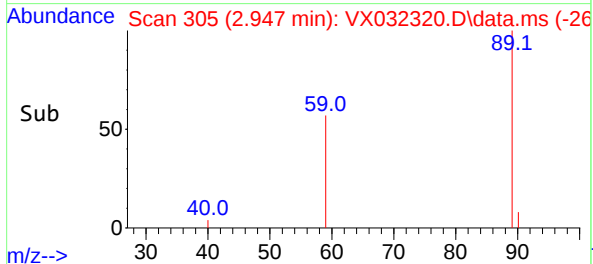
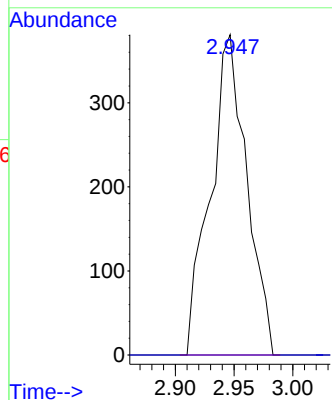
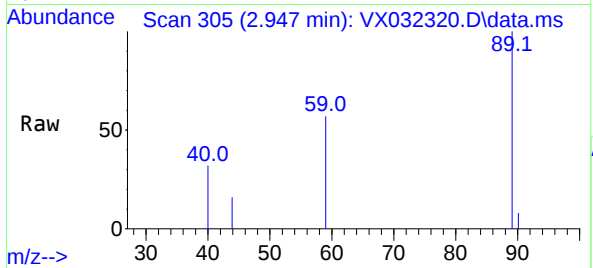




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

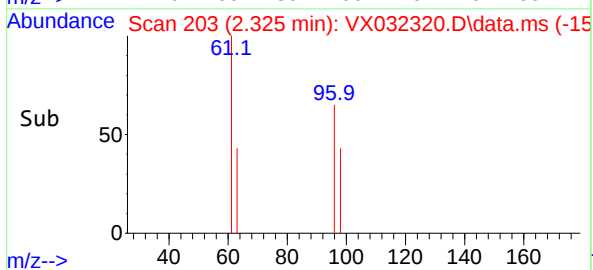
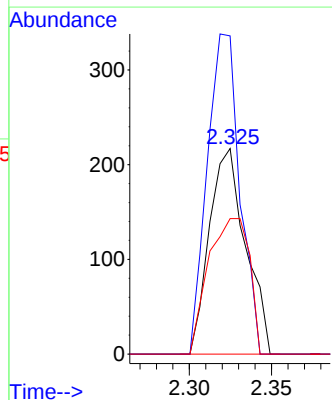
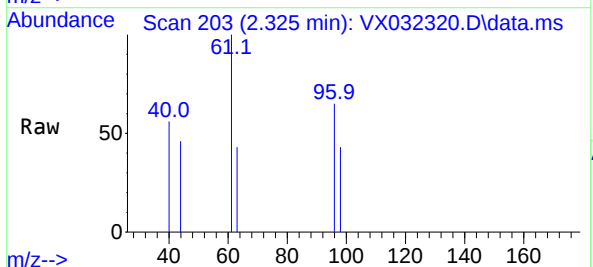
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

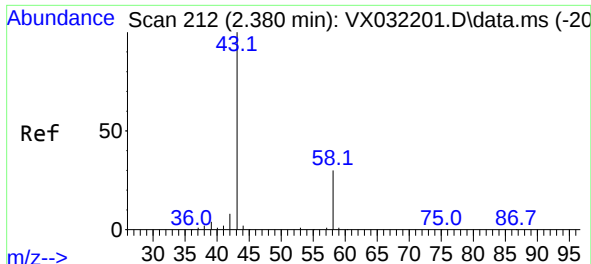
Tgt Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#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

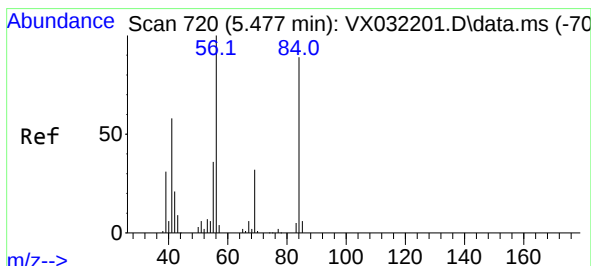
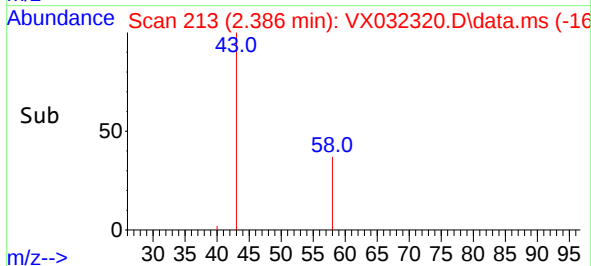
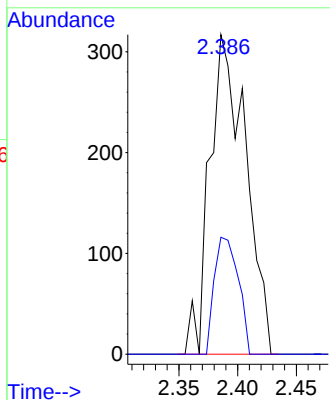
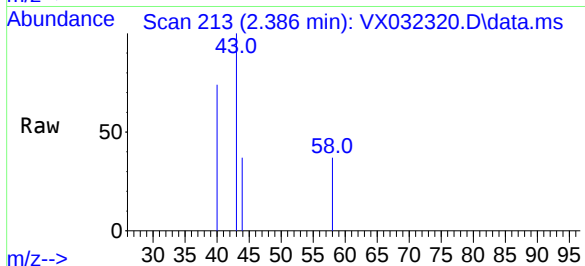




#16
Acetone
Concen: 1.092 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

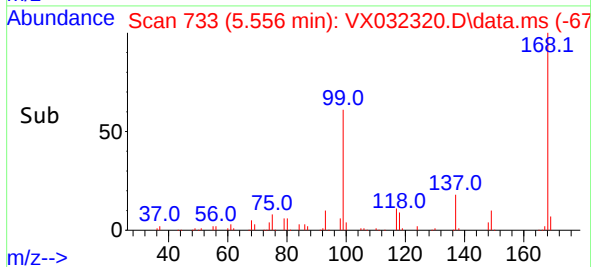
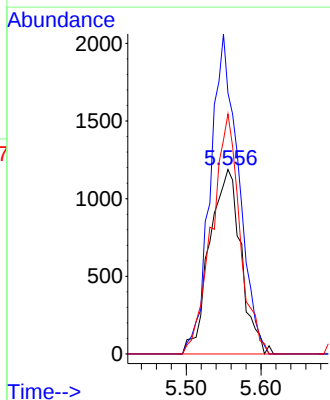
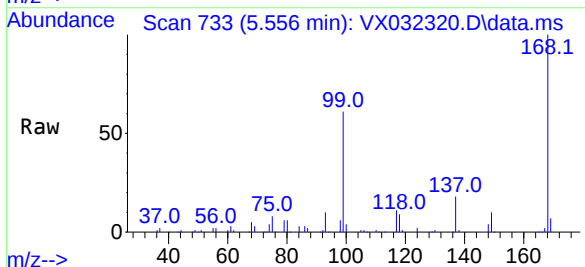
Instrument : MSVOA_X
ClientSampleId : FSND-MW-15-20221019

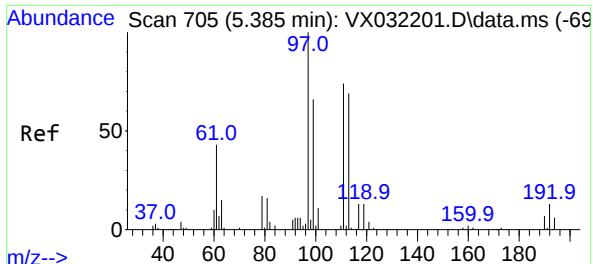
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 36.6 24.2 36.2#



#31
Cyclohexane
Concen: 1.591 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 56 Resp: 3473
Ion Ratio Lower Upper
56 100
69 141.5 25.4 38.0#
84 130.1 71.2 106.8#





#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

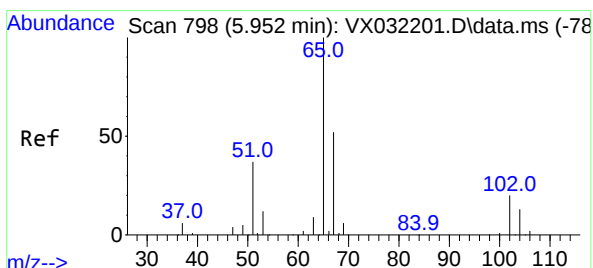
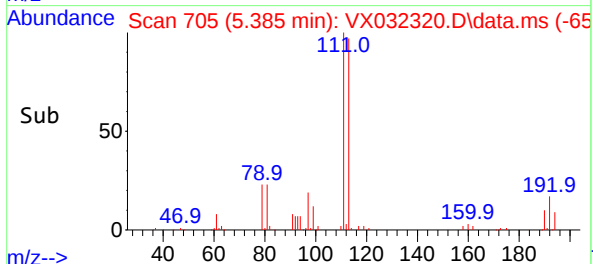
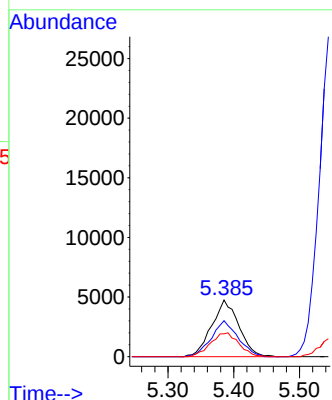
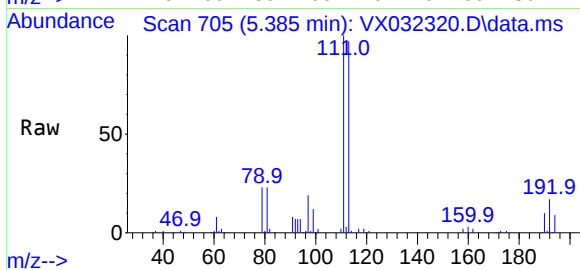
Tgt Ion: 97 Resp: 13608

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

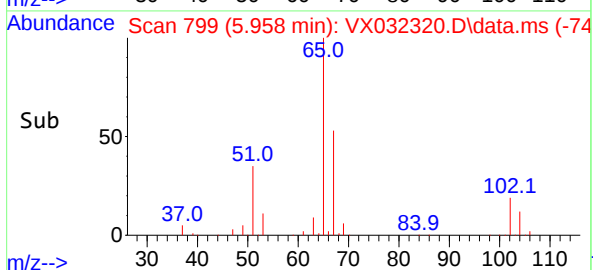
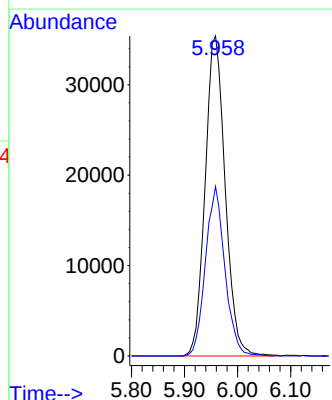
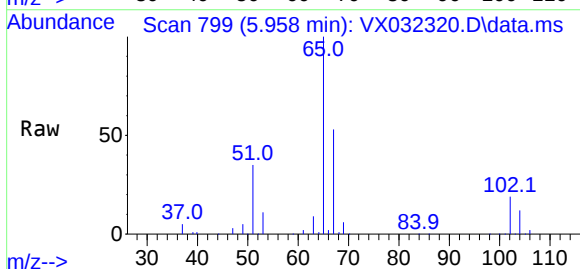
Acq: 22 Oct 2022 04:48

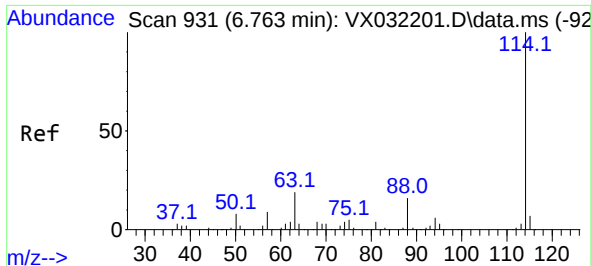
Tgt Ion: 65 Resp: 92857

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6

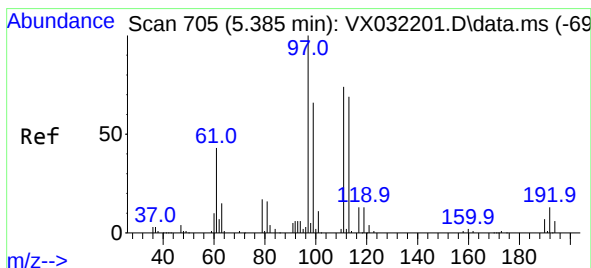
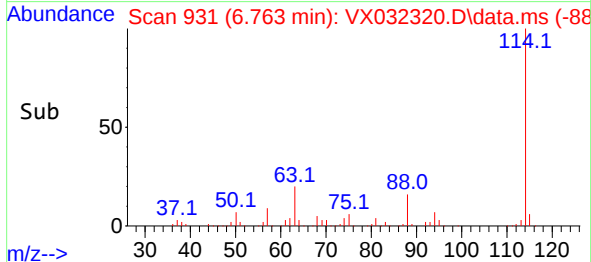
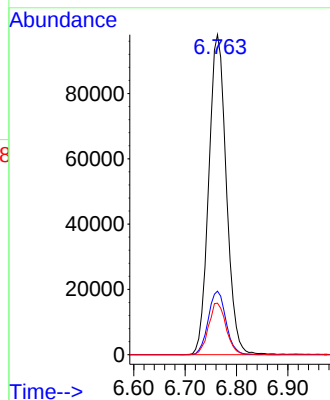
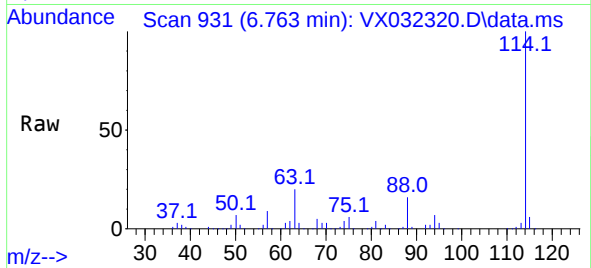




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

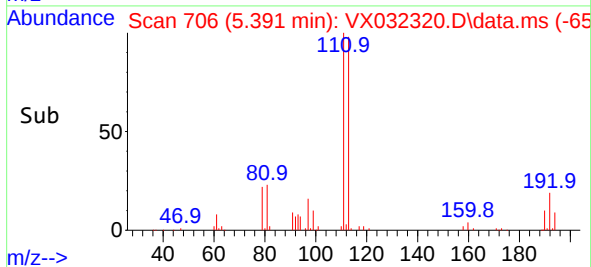
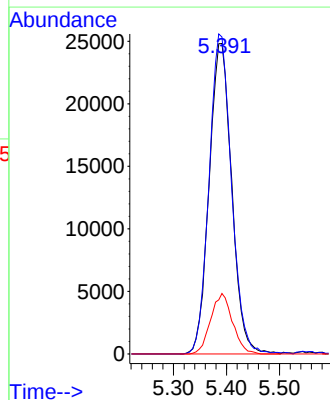
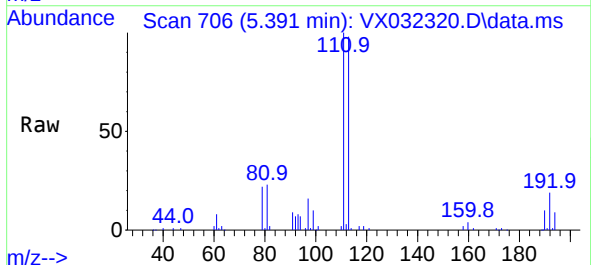
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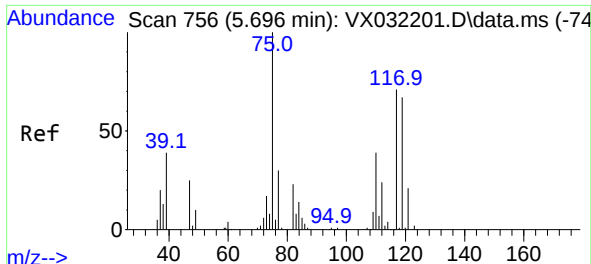
Tgt Ion:114 Resp: 232558
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 16.1 0.0 32.6



#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

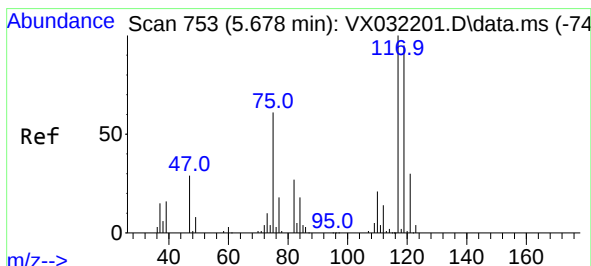
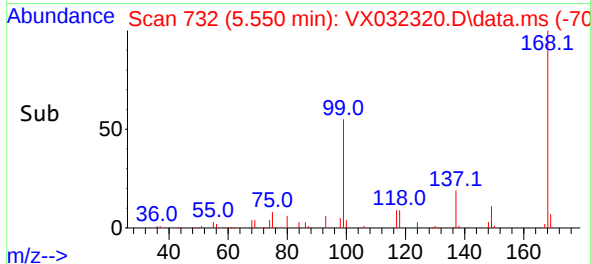
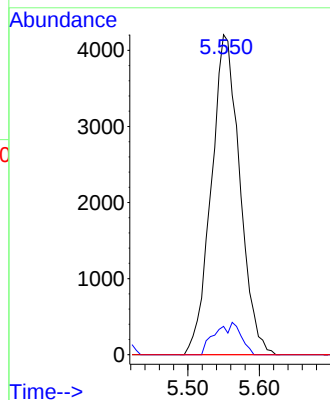
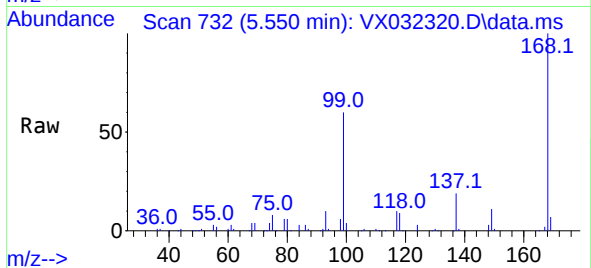




#36
1,1-Dichloropropene
Concen: 5.580 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

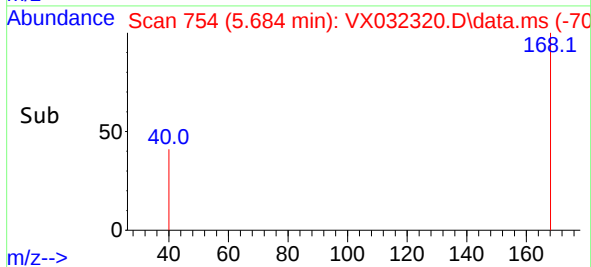
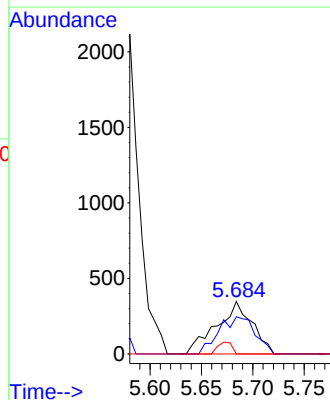
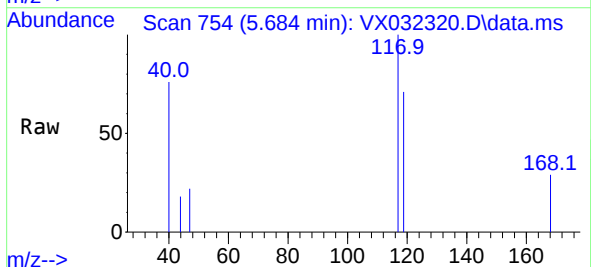
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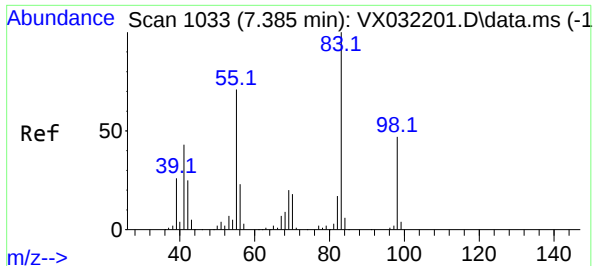
Tgt Ion: 75 Resp: 11616
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.0#
77 0.0 24.7 37.1#



#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

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#





#39

Methylcyclohexane

Concen: 1.230 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.262 min

Lab File: VX032320.D

Acq: 22 Oct 2022 04:48

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-15-20221019

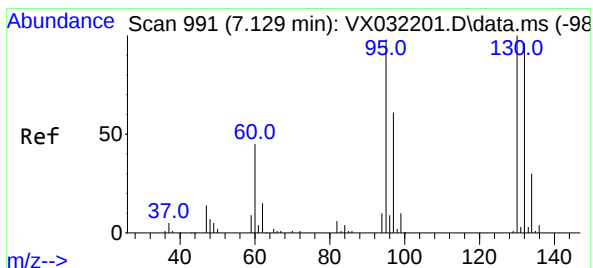
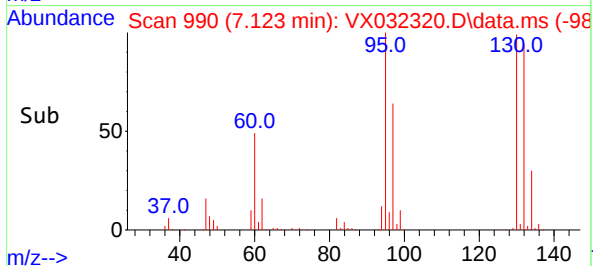
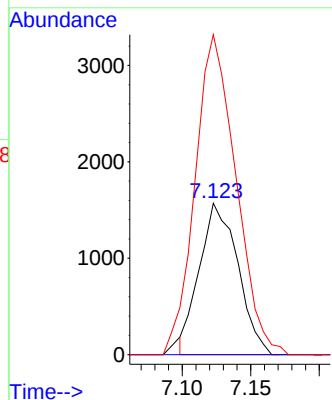
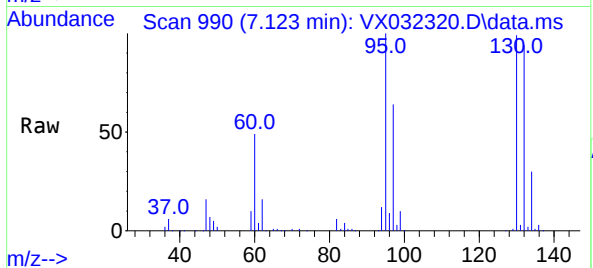
Tgt Ion: 83 Resp: 3059

Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 205.9 37.4 56.0#



#44

Trichloroethene

Concen: 151.884 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032320.D

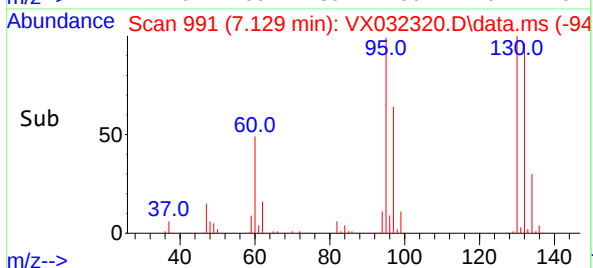
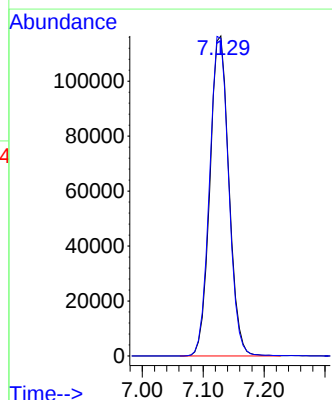
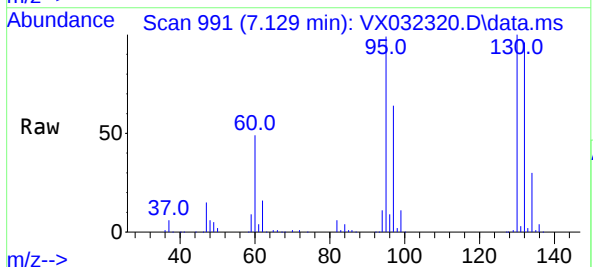
Acq: 22 Oct 2022 04:48

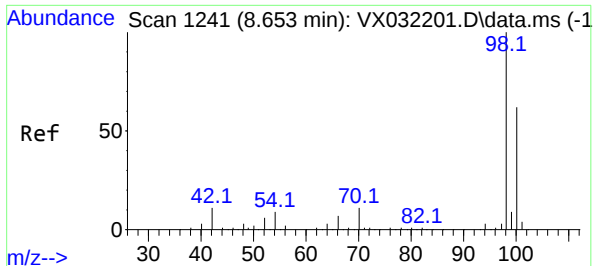
Tgt Ion:130 Resp: 252349

Ion Ratio Lower Upper

130 100

95 99.3 0.0 196.8

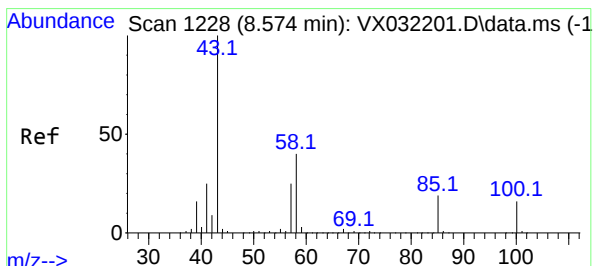
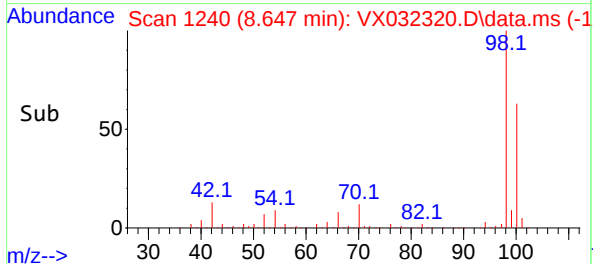
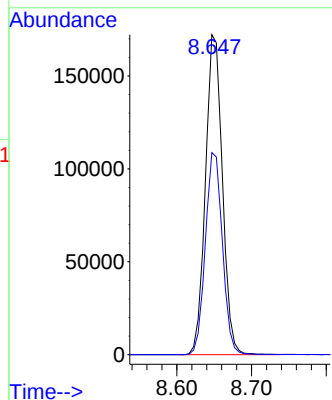
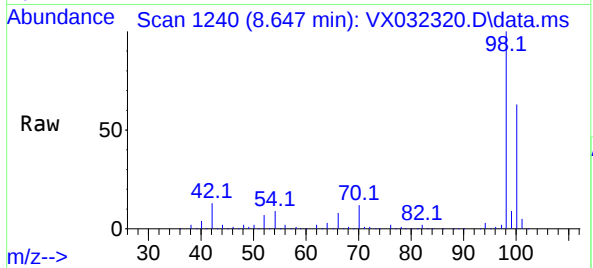




#50
Toluene-d8
Concen: 46.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

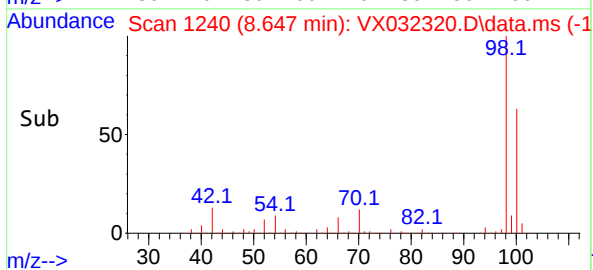
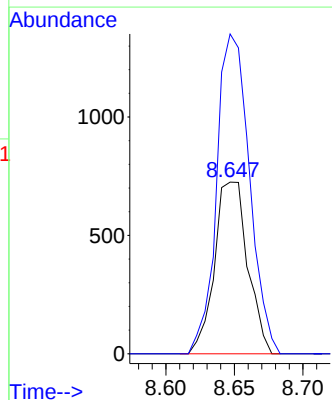
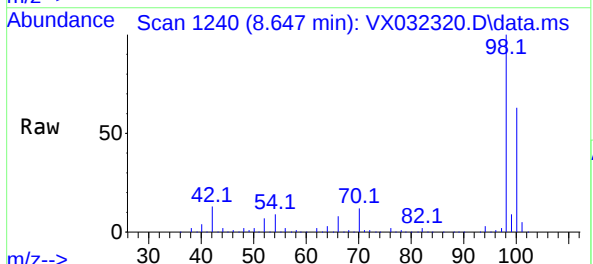
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

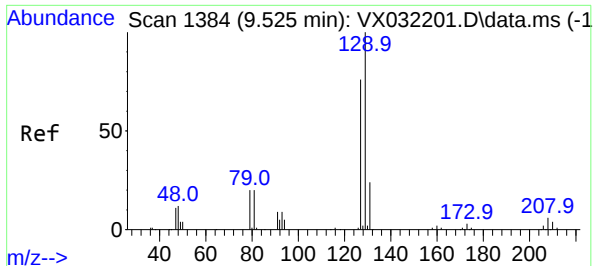
Tgt Ion: 98 Resp: 271053
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 183.6 31.0 46.4#

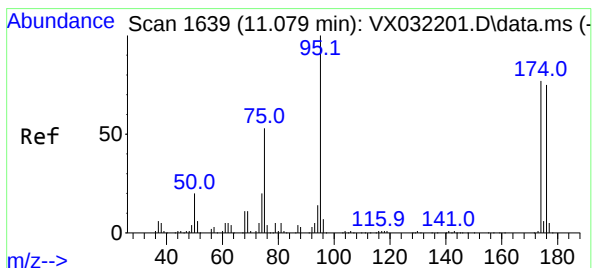
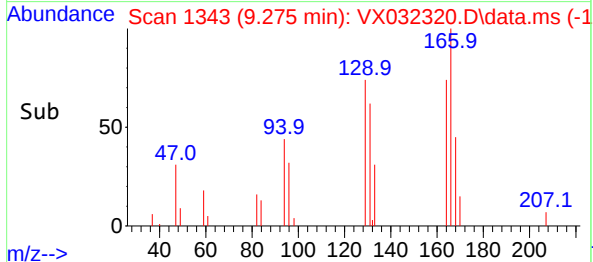
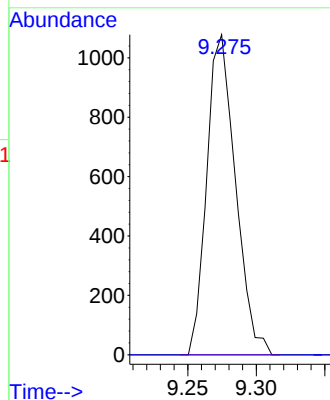
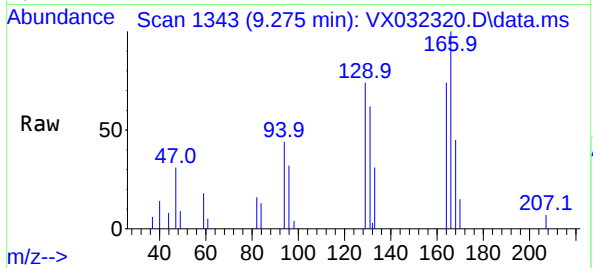




#60
Dibromochloromethane
Concen: 0.966 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

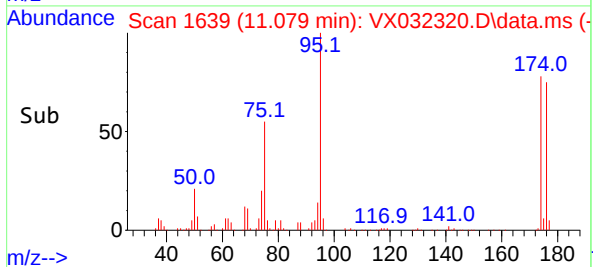
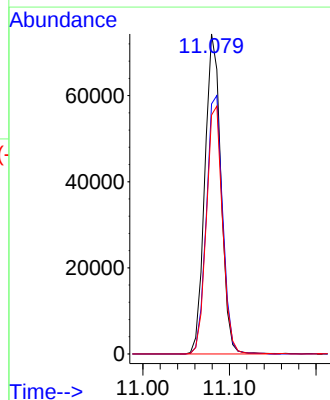
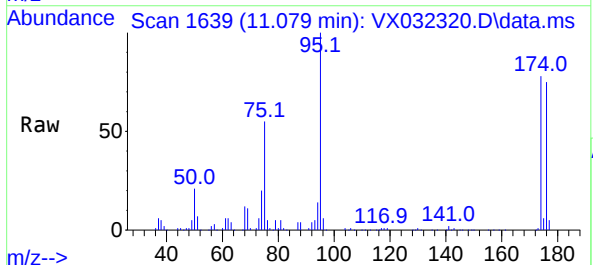
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

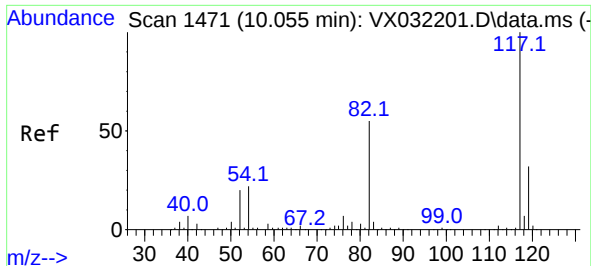
Tgt Ion:129 Resp: 1572
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#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

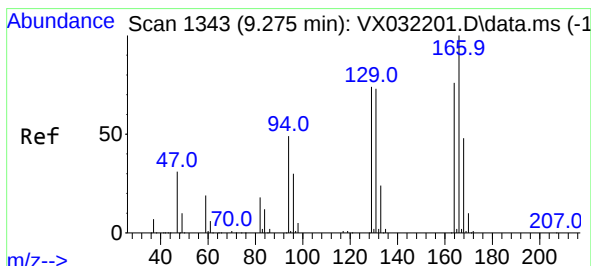
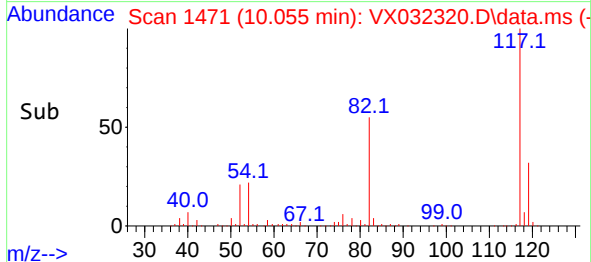
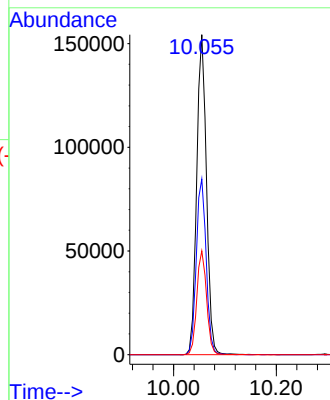
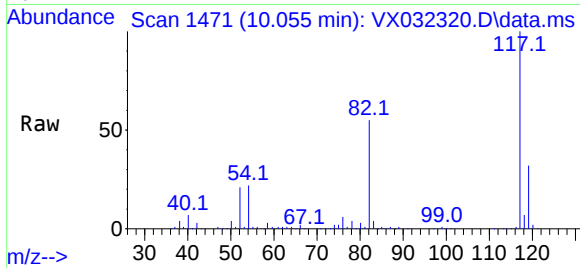




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

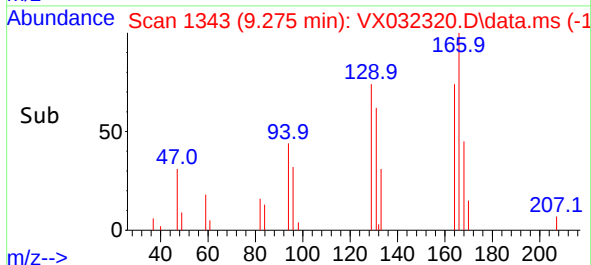
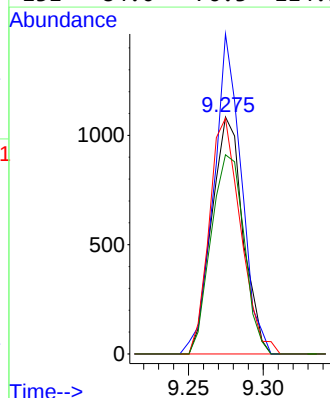
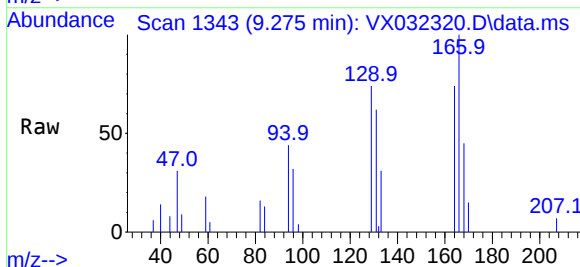
Instrument : MSVOA_X
ClientSampleId : FSND-MW-15-20221019

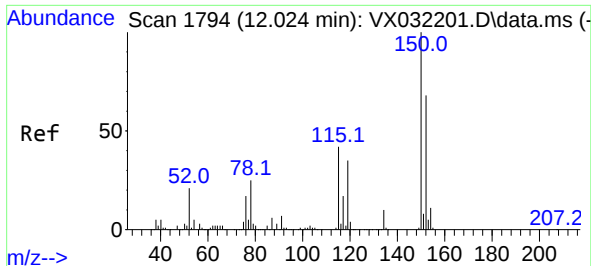
Tgt Ion:117 Resp: 204028
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.5 25.8 38.8



#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

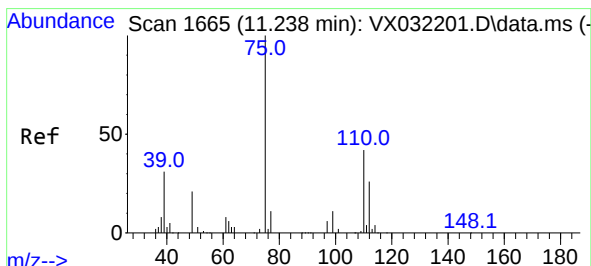
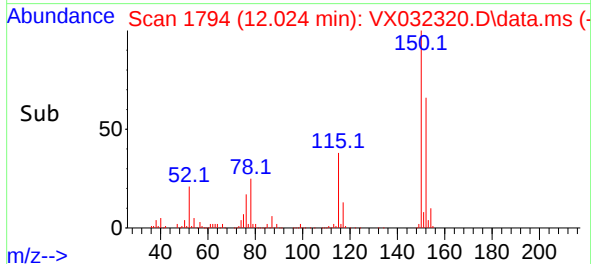
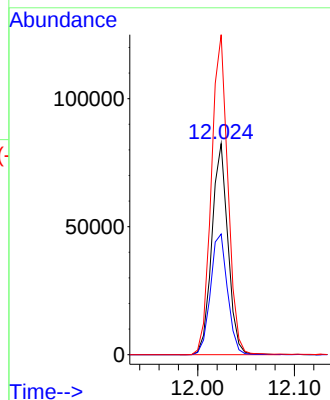
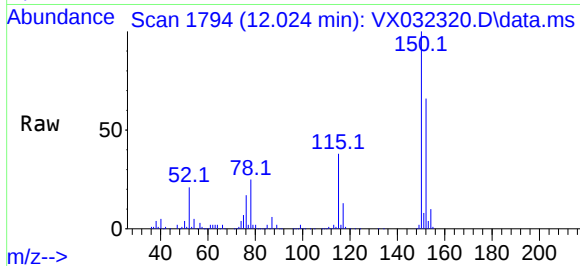




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

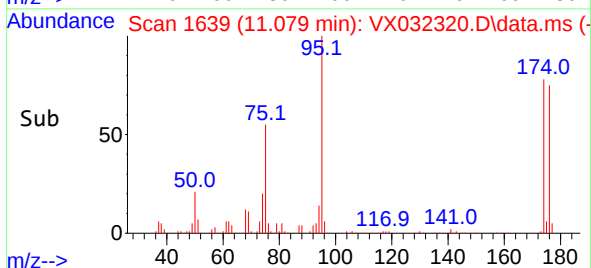
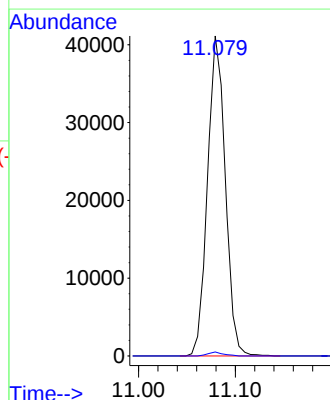
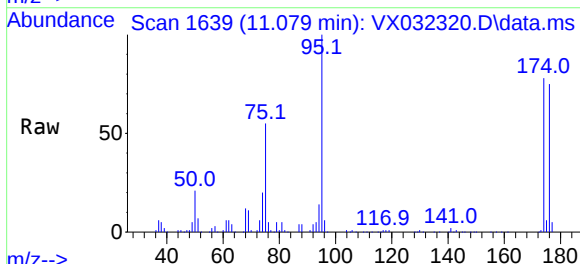
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20221019

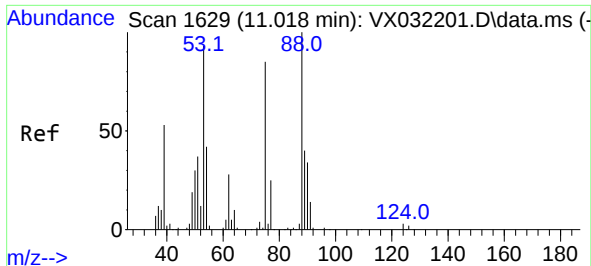
Tgt Ion:152 Resp: 95280
Ion Ratio Lower Upper
152 100
115 60.8 43.1 129.4
150 156.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032320.D
Acq: 22 Oct 2022 04:48

Tgt Ion: 75 Resp: 52521
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.335 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032320.D
 Acq: 22 Oct 2022 04:48

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

Tgt Ion: 75 Resp: 52521
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

