

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032375.D
 Acq On : 25 Oct 2022 19:30
 Operator : JC/MD
 Sample : N5249-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-B-3-20221020

Quant Time: Oct 27 14:18:45 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)

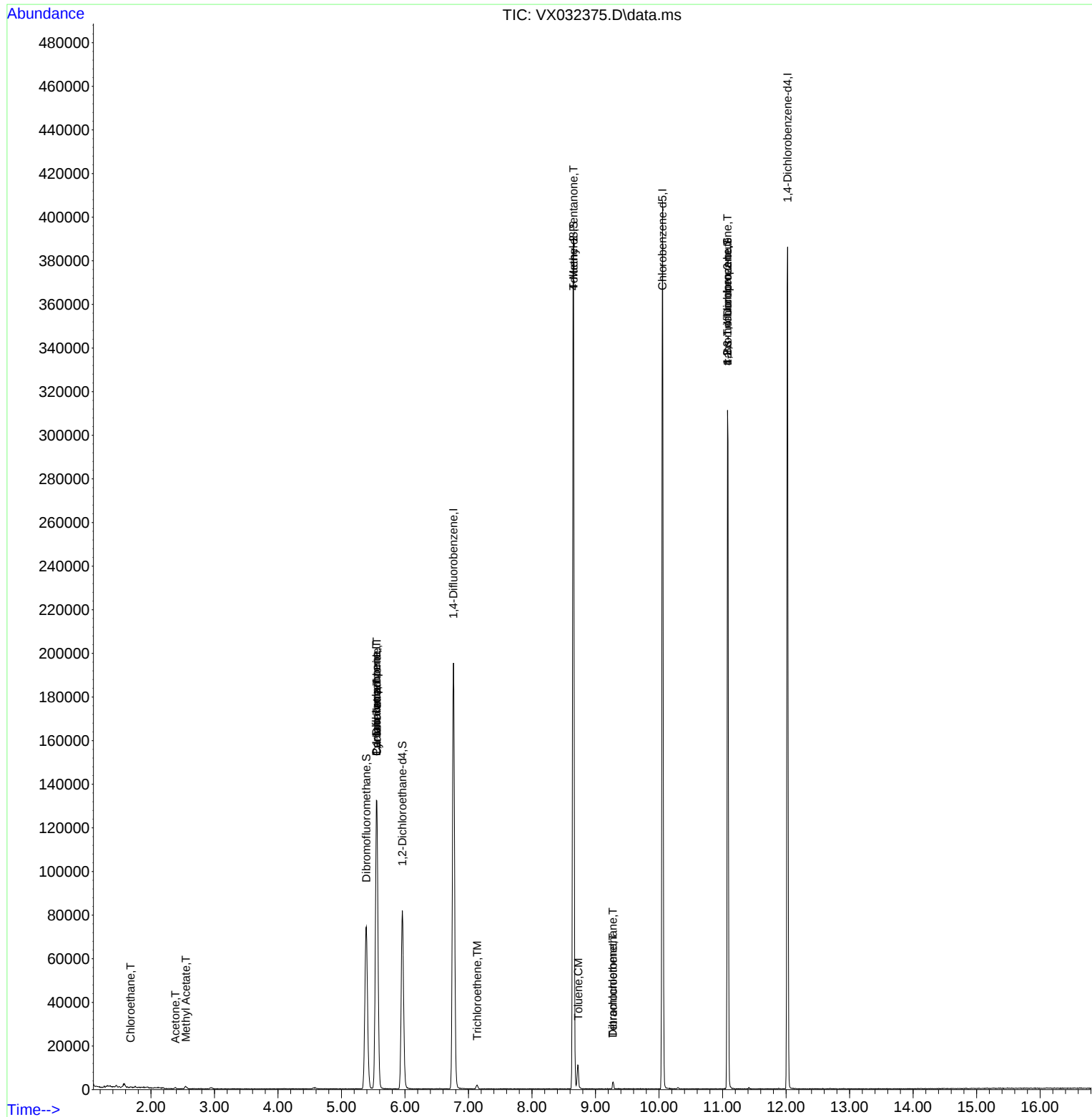
Internal Standards						
1) Pentafluorobenzene	5.550	168	125203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80133	49.199	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.391	113	64483	46.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.653	98	232565	46.665	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.340%
62) 4-Bromofluorobenzene	11.079	95	80067	43.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	37	Below Cal	#	44
6) Chloroethane	1.679	64	109	2.038	ug/l #	41
11) Tert butyl alcohol	2.947	59	504	Below Cal	#	74
16) Acetone	2.386	43	660	1.249	ug/l #	83
18) Methyl Acetate	2.550	43	401	0.223	ug/l #	50
31) Cyclohexane	5.556	56	2773	1.489	ug/l #	52
36) 1,1-Dichloropropene	5.550	75	9704	5.449	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13240	7.042	ug/l #	16
44) Trichloroethene	7.135	130	811	0.571	ug/l	67
51) 4-Methyl-2-Pentanone	8.653	43	1059	0.617	ug/l #	1
52) Toluene	8.726	92	4340	1.298	ug/l	98
60) Dibromochloromethane	9.275	129	607	0.436	ug/l #	11
64) Tetrachloroethene	9.275	164	614	0.536	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	42977	27.193	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	42977	83.475	ug/l #	6

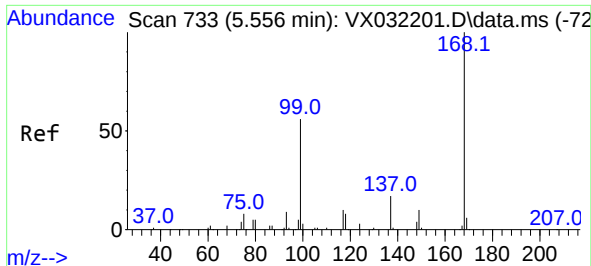
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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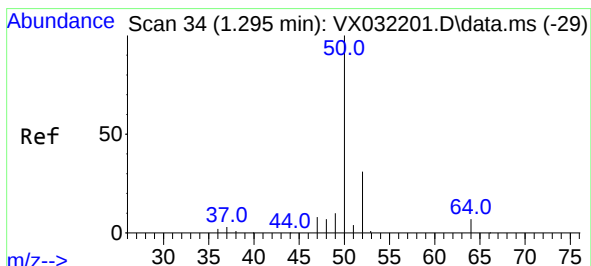
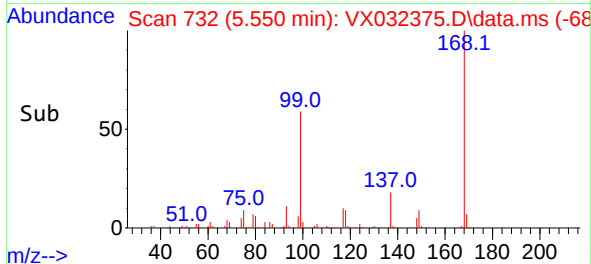
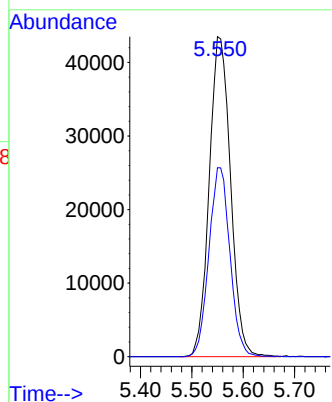
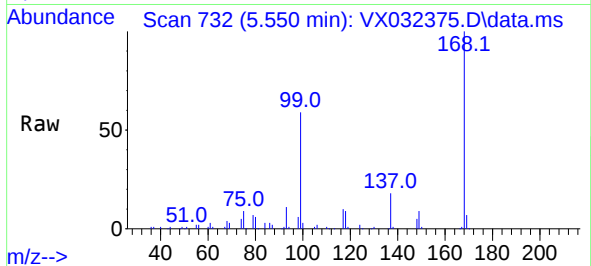




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

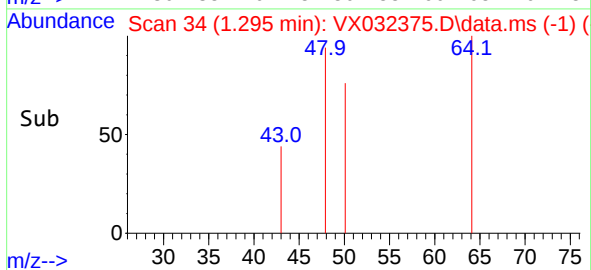
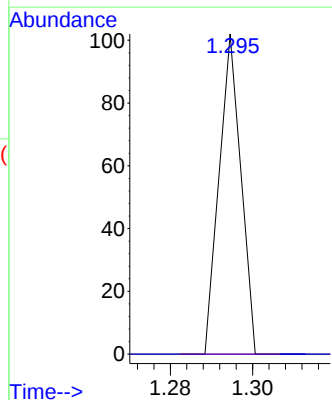
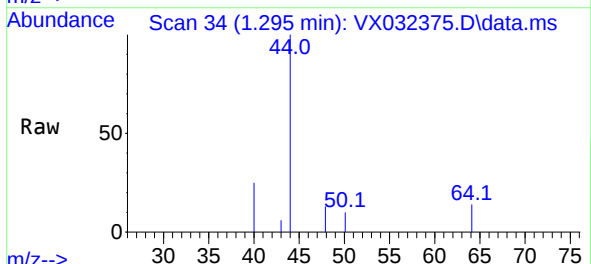
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020

Tgt Ion:168 Resp: 125203
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2

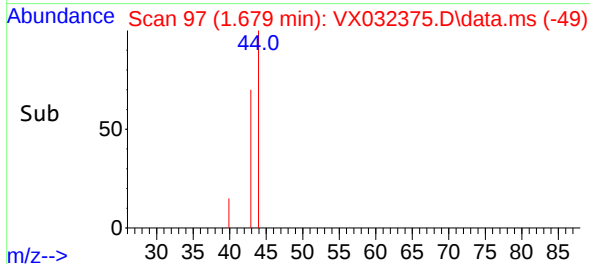
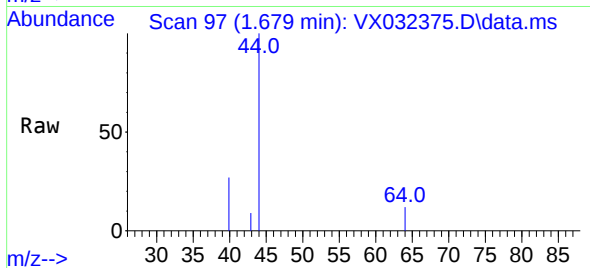
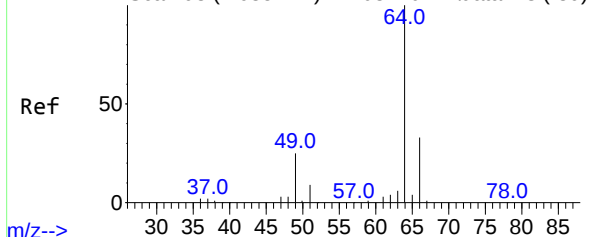


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Tgt Ion: 50 Resp: 37
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



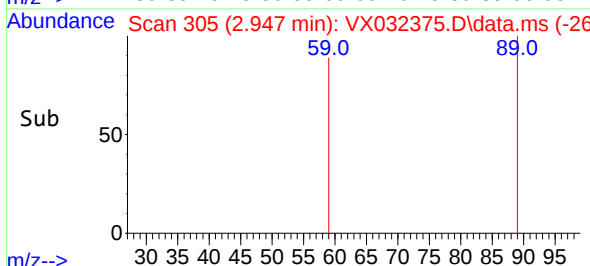
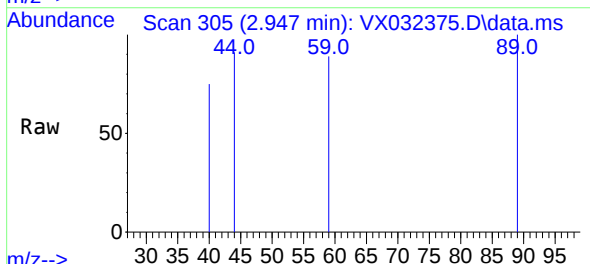
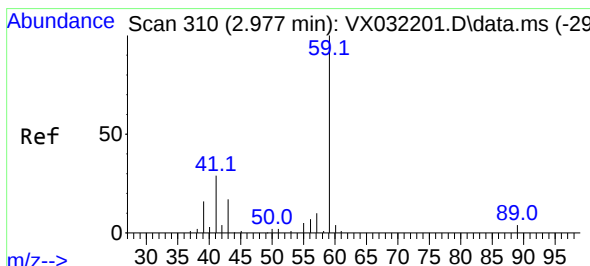
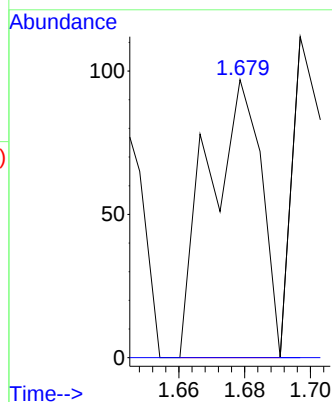
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6
Chloroethane
Concen: 2.038 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

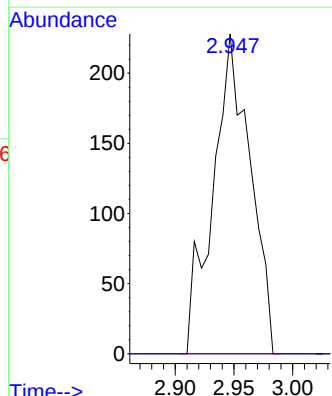
Tgt Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	39.8#

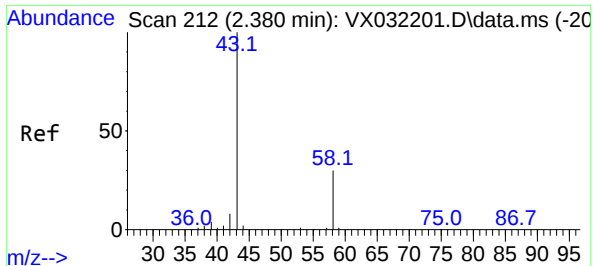
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

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

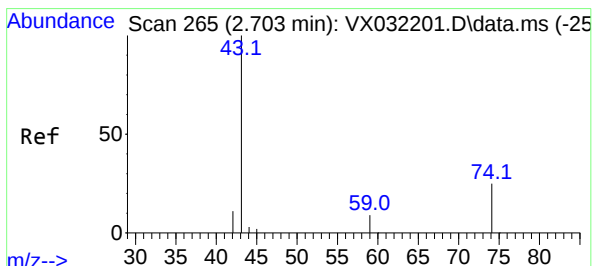
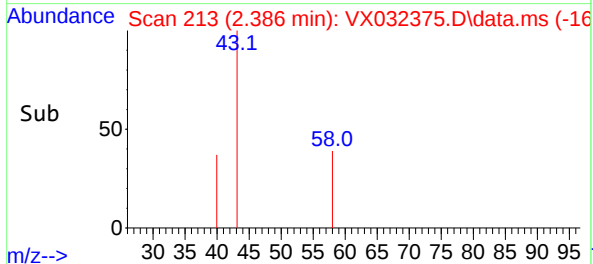
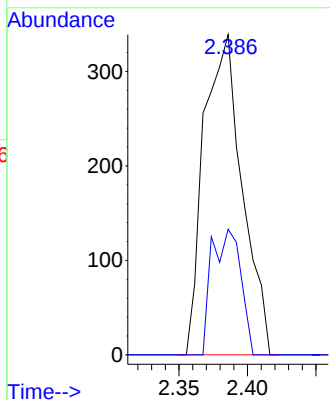
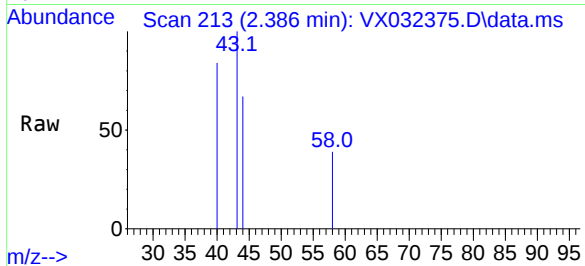




#16
Acetone
Concen: 1.249 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

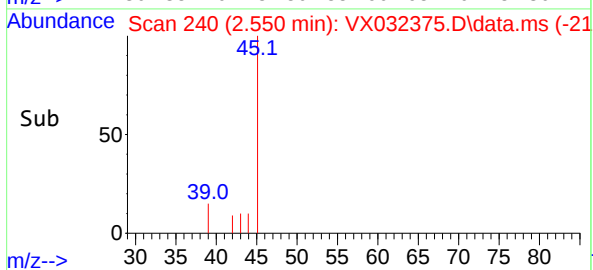
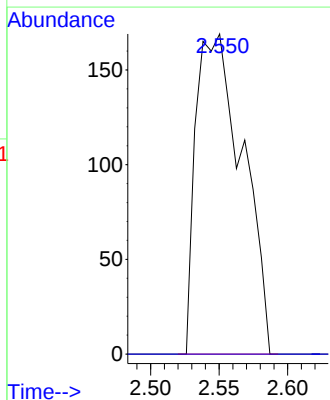
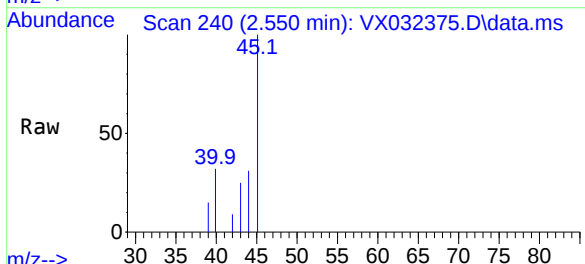
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020

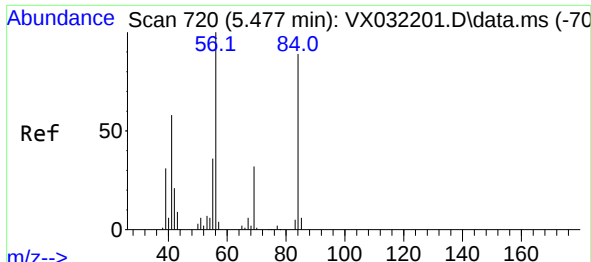
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 39.2 24.2 36.2#



#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.153 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

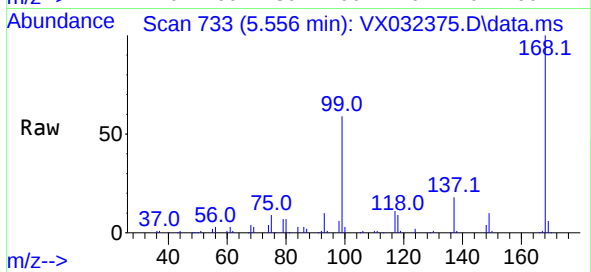
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



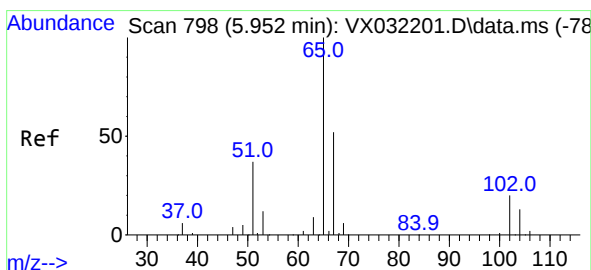
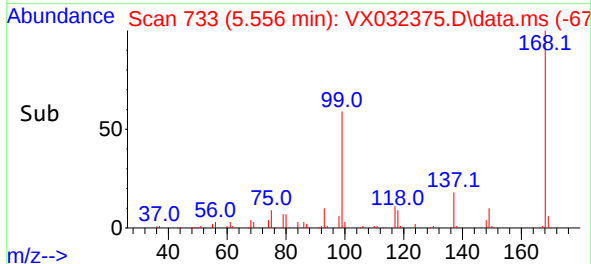
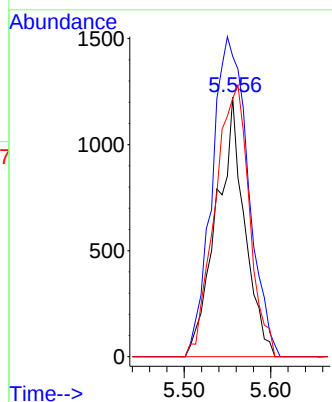


#31
Cyclohexane
Concen: 1.489 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020

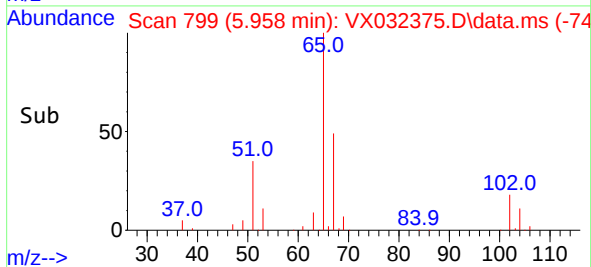
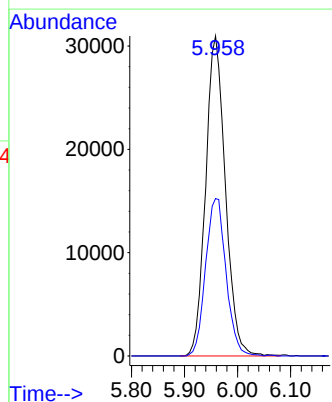
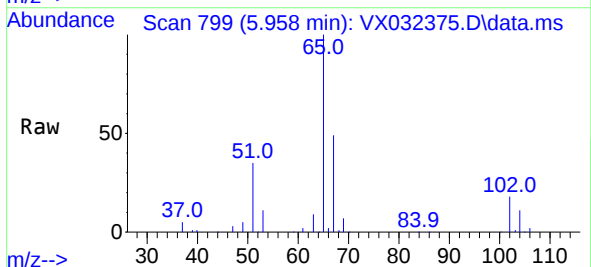


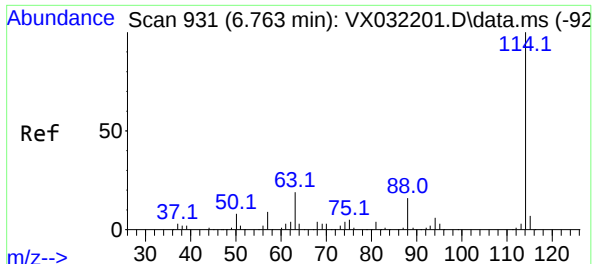
Tgt Ion: 56 Resp: 2773
Ion Ratio Lower Upper
56 100
69 115.6 25.4 38.0#
84 99.4 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 49.199 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Tgt Ion: 65 Resp: 80133
Ion Ratio Lower Upper
65 100
67 50.9 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: VX032375.D

Acq: 25 Oct 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-B-3-20221020

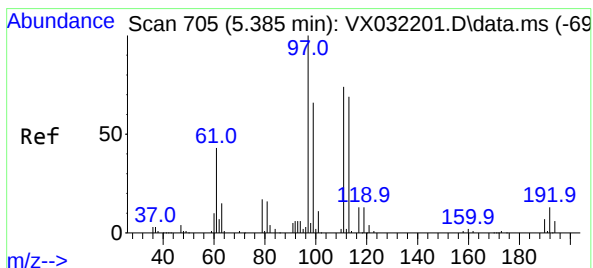
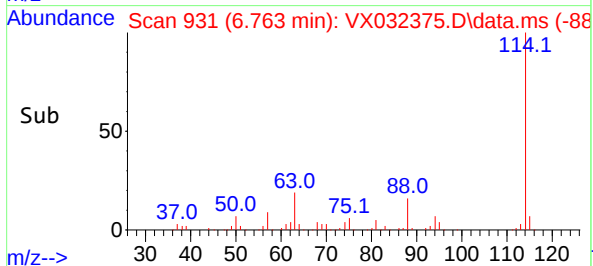
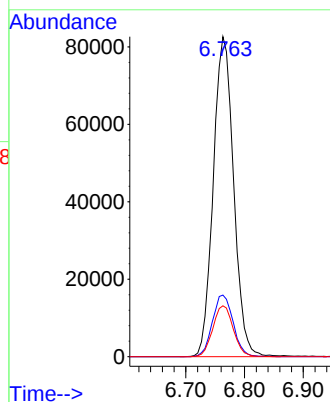
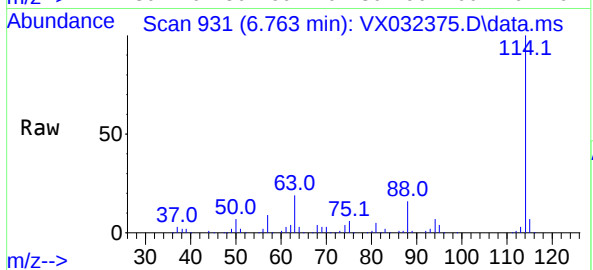
Tgt Ion:114 Resp: 198958

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.576 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032375.D

Acq: 25 Oct 2022 19:30

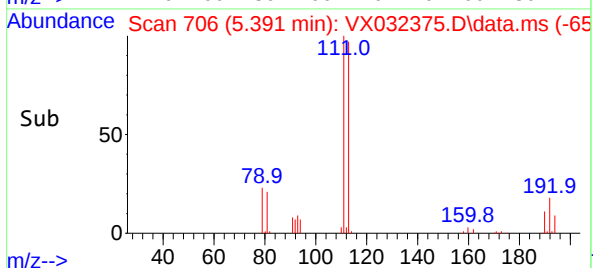
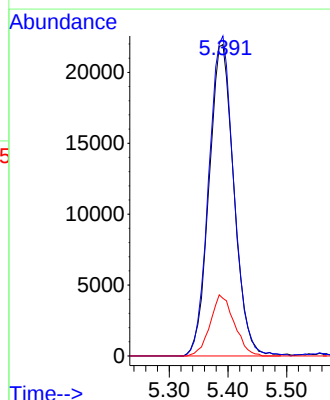
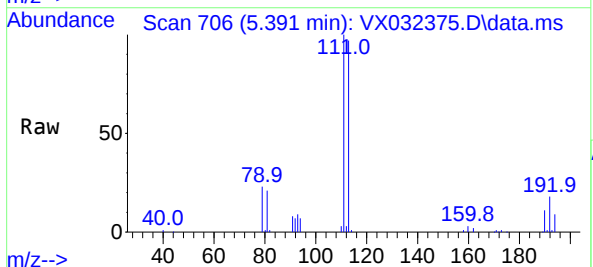
Tgt Ion:113 Resp: 64483

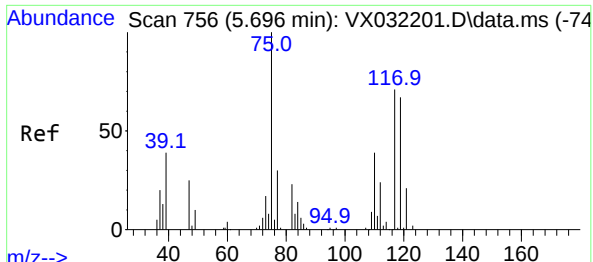
Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 19.0 15.5 23.3

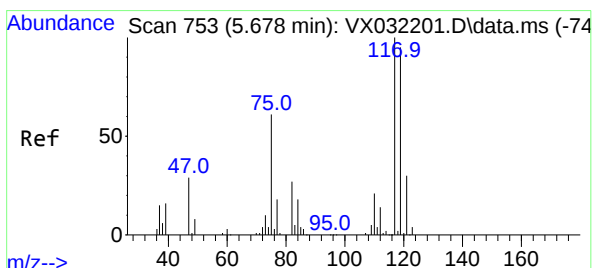
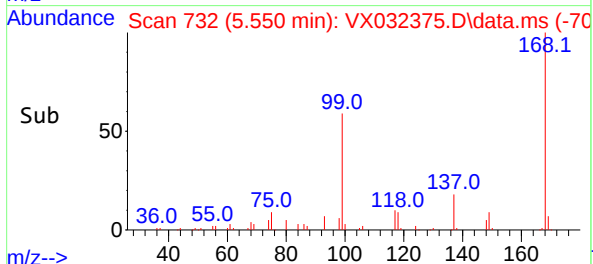
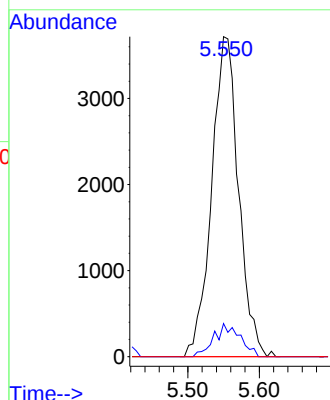
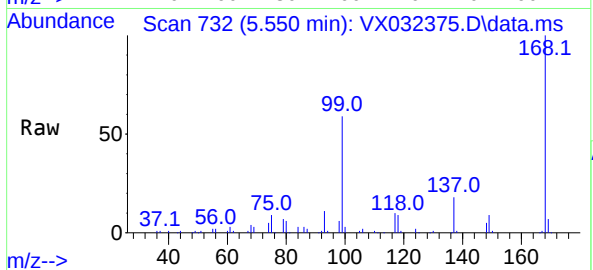




#36
1,1-Dichloropropene
Concen: 5.449 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

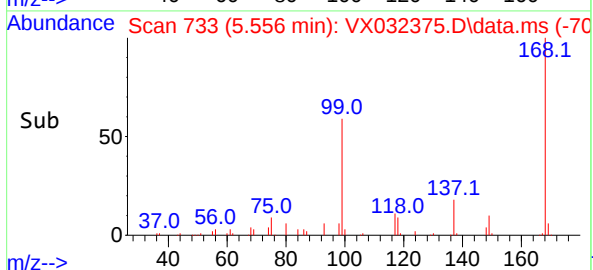
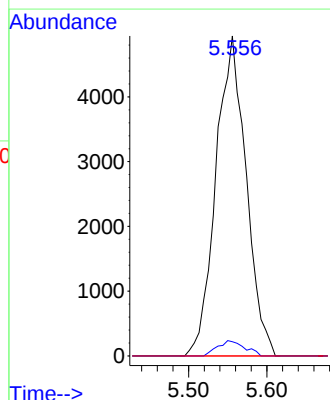
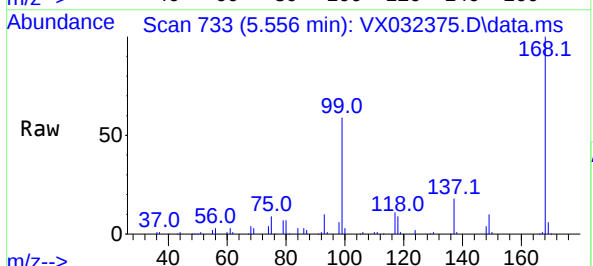
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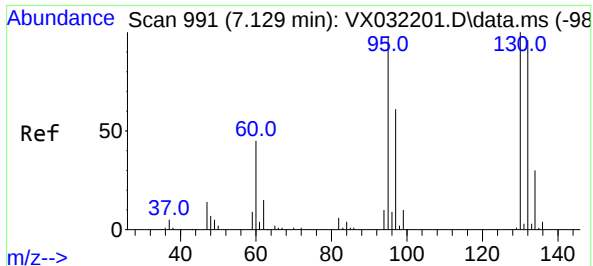
Tgt Ion: 75 Resp: 9704
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.042 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Tgt Ion: 117 Resp: 13240
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 23.9 35.9#

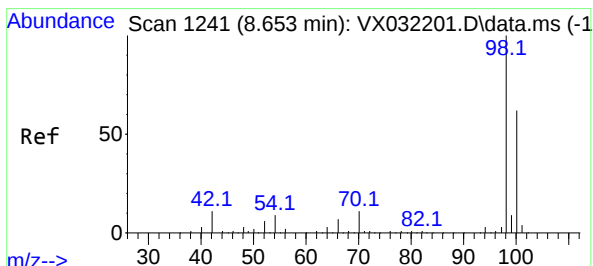
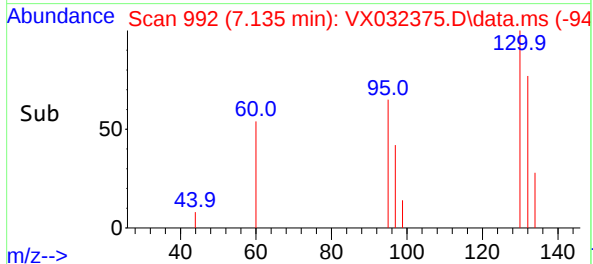
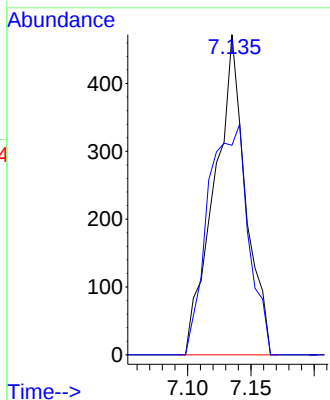
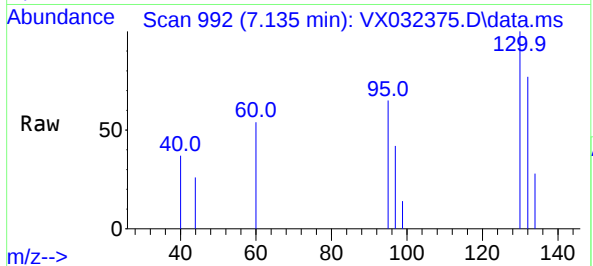




#44
Trichloroethene
Concen: 0.571 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

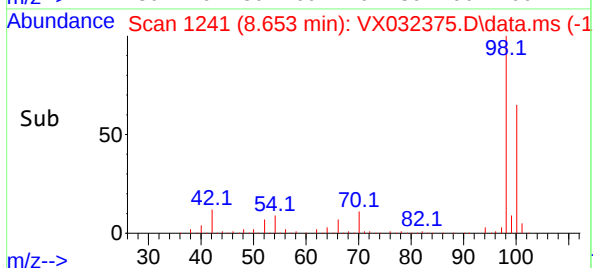
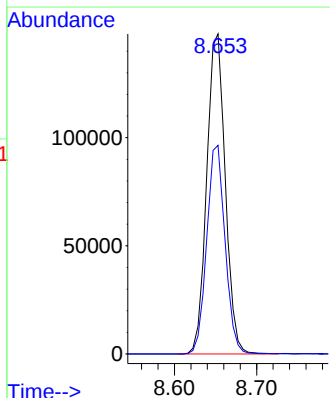
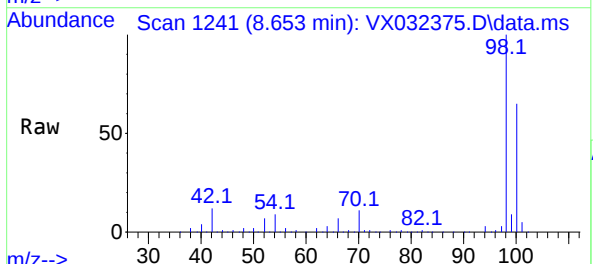
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FSND-MW-B-3-20221020

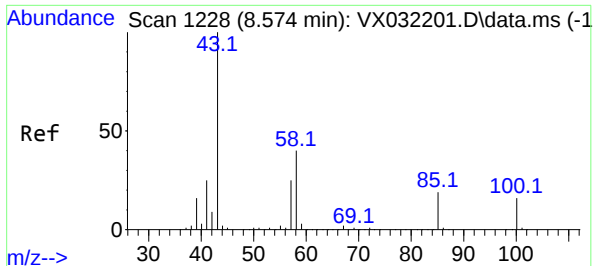
Tgt Ion:130 Resp: 811
Ion Ratio Lower Upper
130 100
95 65.5 0.0 196.8



#50
Toluene-d8
Concen: 46.665 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Tgt Ion: 98 Resp: 232565
Ion Ratio Lower Upper
98 100
100 64.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.617 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032375.D

Acq: 25 Oct 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

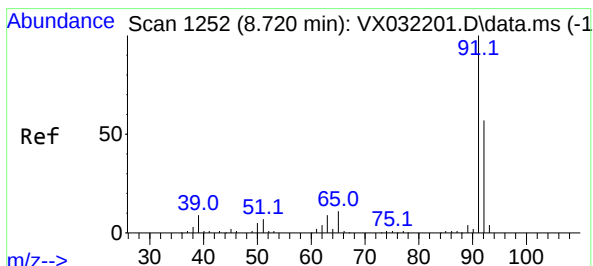
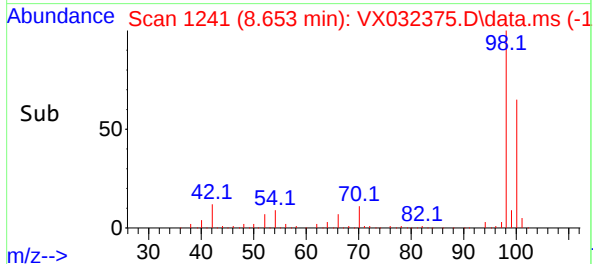
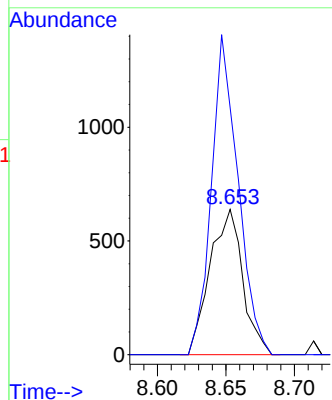
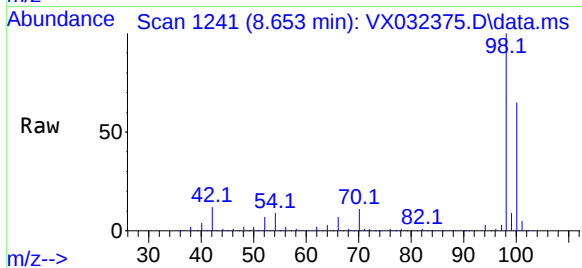
FSND-MW-B-3-20221020

Tgt Ion: 43 Resp: 1059

Ion Ratio Lower Upper

43 100

58 179.9 31.0 46.4#



#52

Toluene

Concen: 1.298 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX032375.D

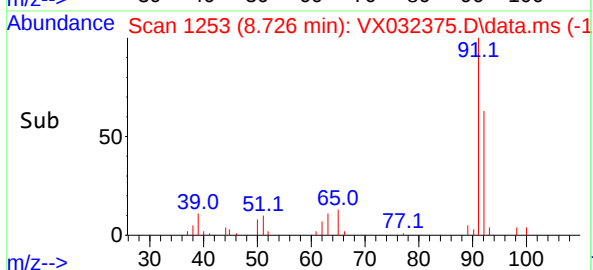
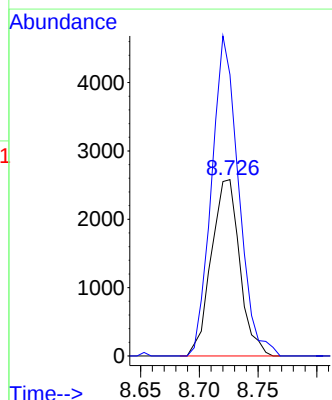
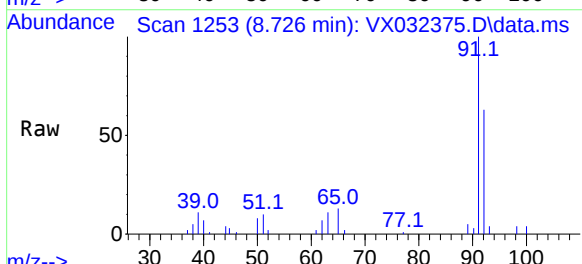
Acq: 25 Oct 2022 19:30

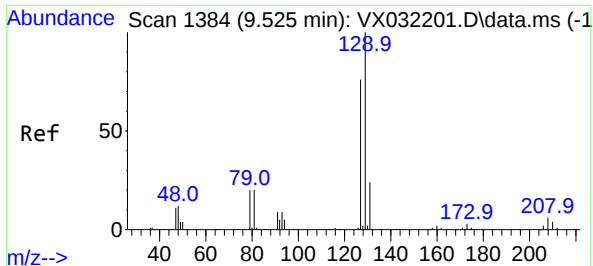
Tgt Ion: 92 Resp: 4340

Ion Ratio Lower Upper

92 100

91 172.6 140.3 210.5

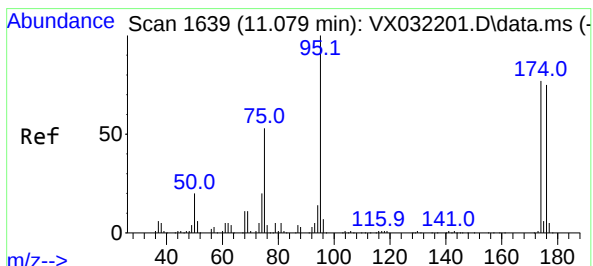
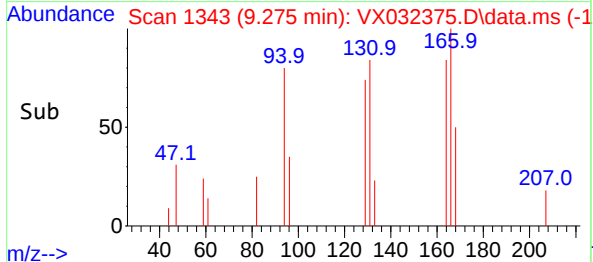
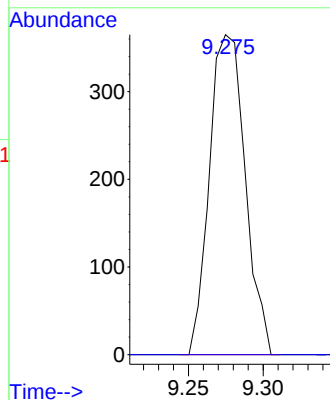
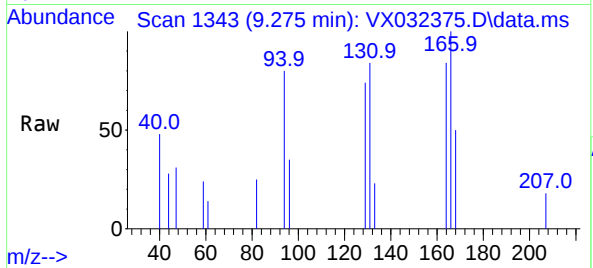




#60
Dibromochloromethane
Concen: 0.436 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

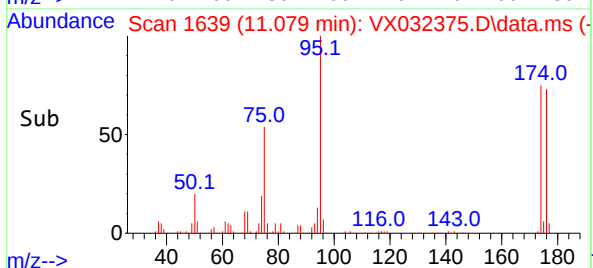
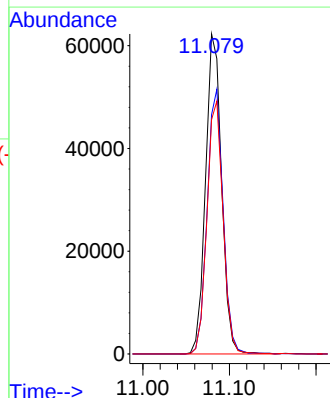
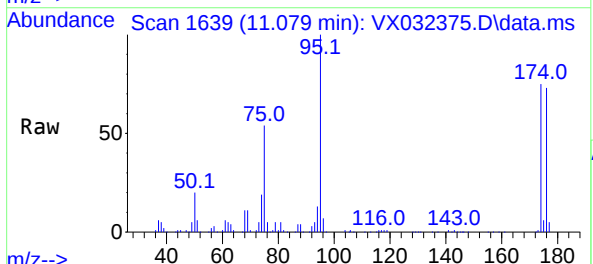
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020

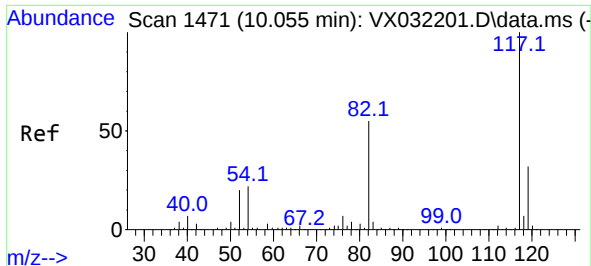
Tgt Ion:129 Resp: 607
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Tgt Ion: 95 Resp: 80067
Ion Ratio Lower Upper
95 100
174 82.4 0.0 166.8
176 79.3 0.0 161.4

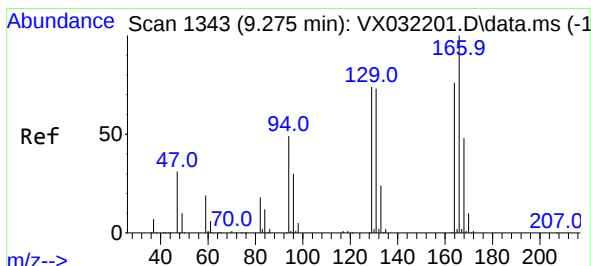
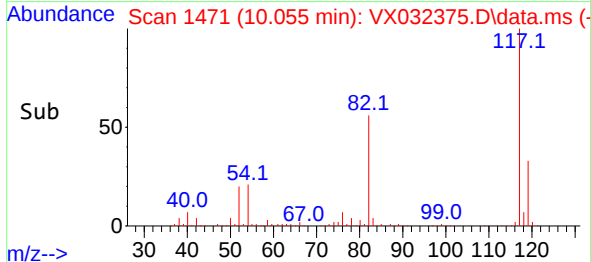
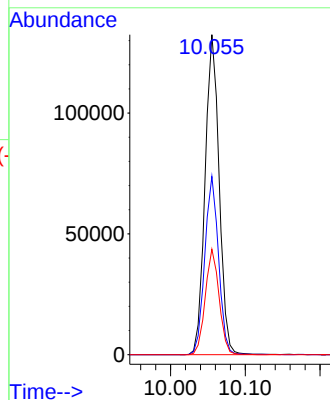
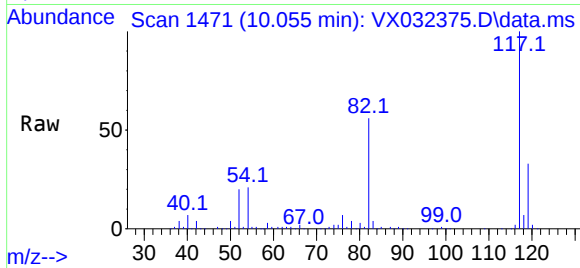




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

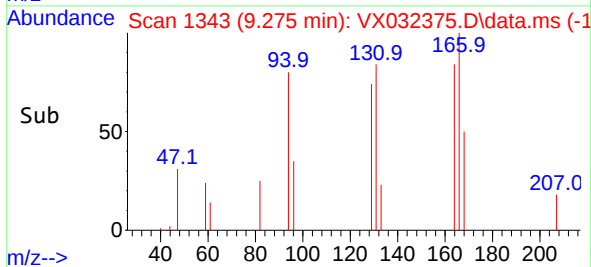
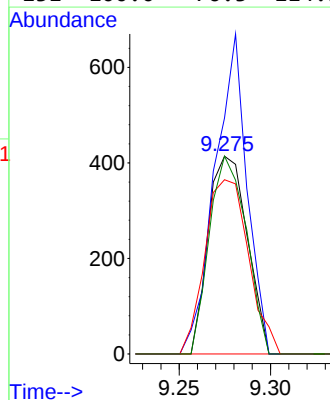
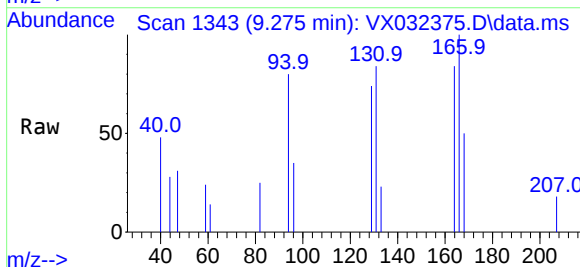
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020

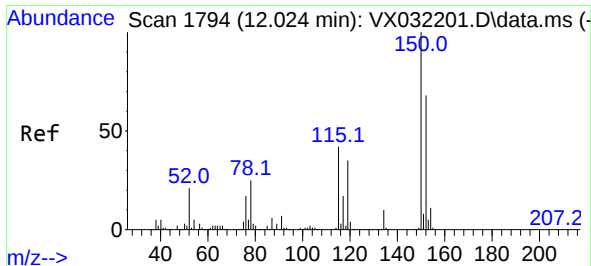
Tgt Ion:117 Resp: 173338
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 0.536 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

Tgt Ion:164 Resp: 614
Ion Ratio Lower Upper
164 100
166 119.3 104.9 157.3
129 88.2 77.8 116.6
131 100.0 76.3 114.5

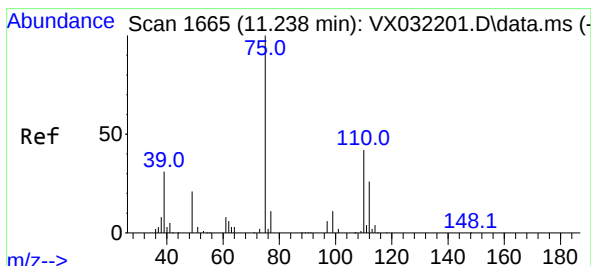
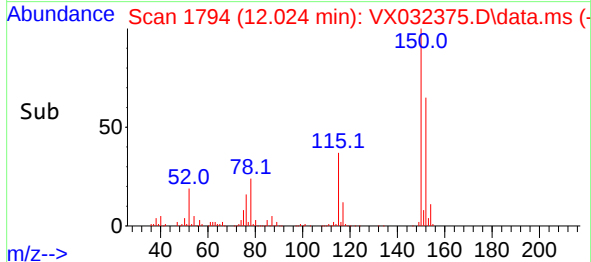
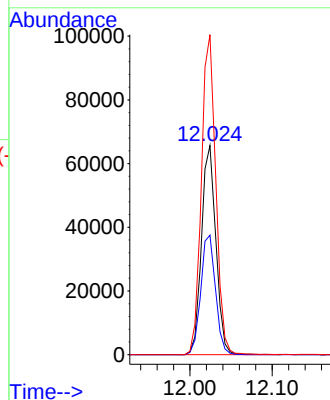
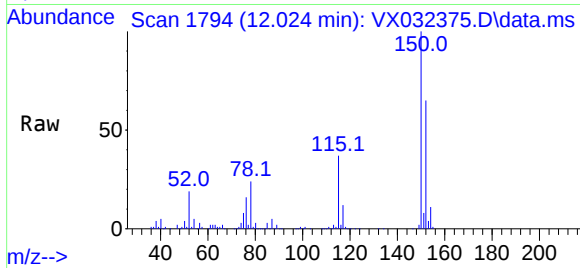




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

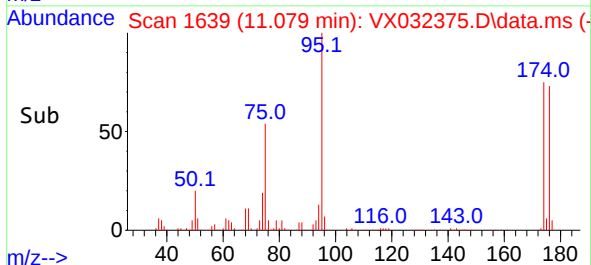
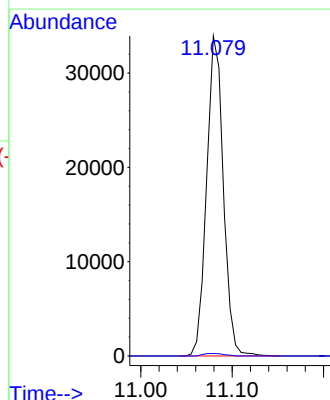
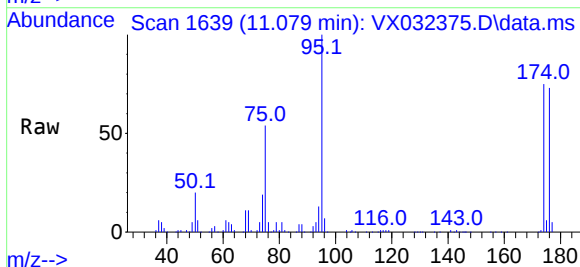
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-B-3-20221020

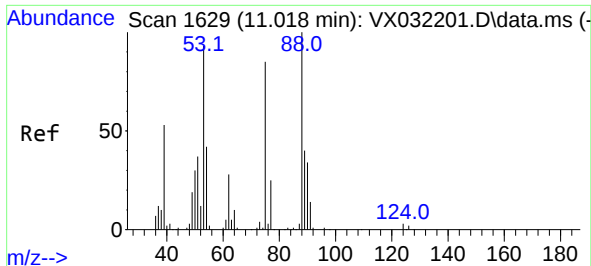
Tgt Ion:152 Resp: 79763
Ion Ratio Lower Upper
152 100
115 58.4 43.1 129.4
150 153.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032375.D
Acq: 25 Oct 2022 19:30

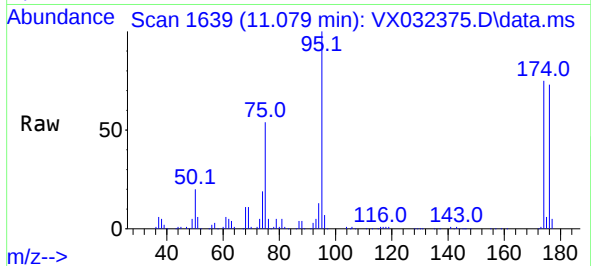
Tgt Ion: 75 Resp: 42977
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.475 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032375.D
 Acq: 25 Oct 2022 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-B-3-20221020



Tgt Ion: 75 Resp: 42977
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.1 37.8 56.8#

