

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032298.D
 Acq On : 21 Oct 2022 18:52
 Operator : JC/MD
 Sample : N5248-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-6-20221018

Quant Time: Oct 22 05:14:00 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)

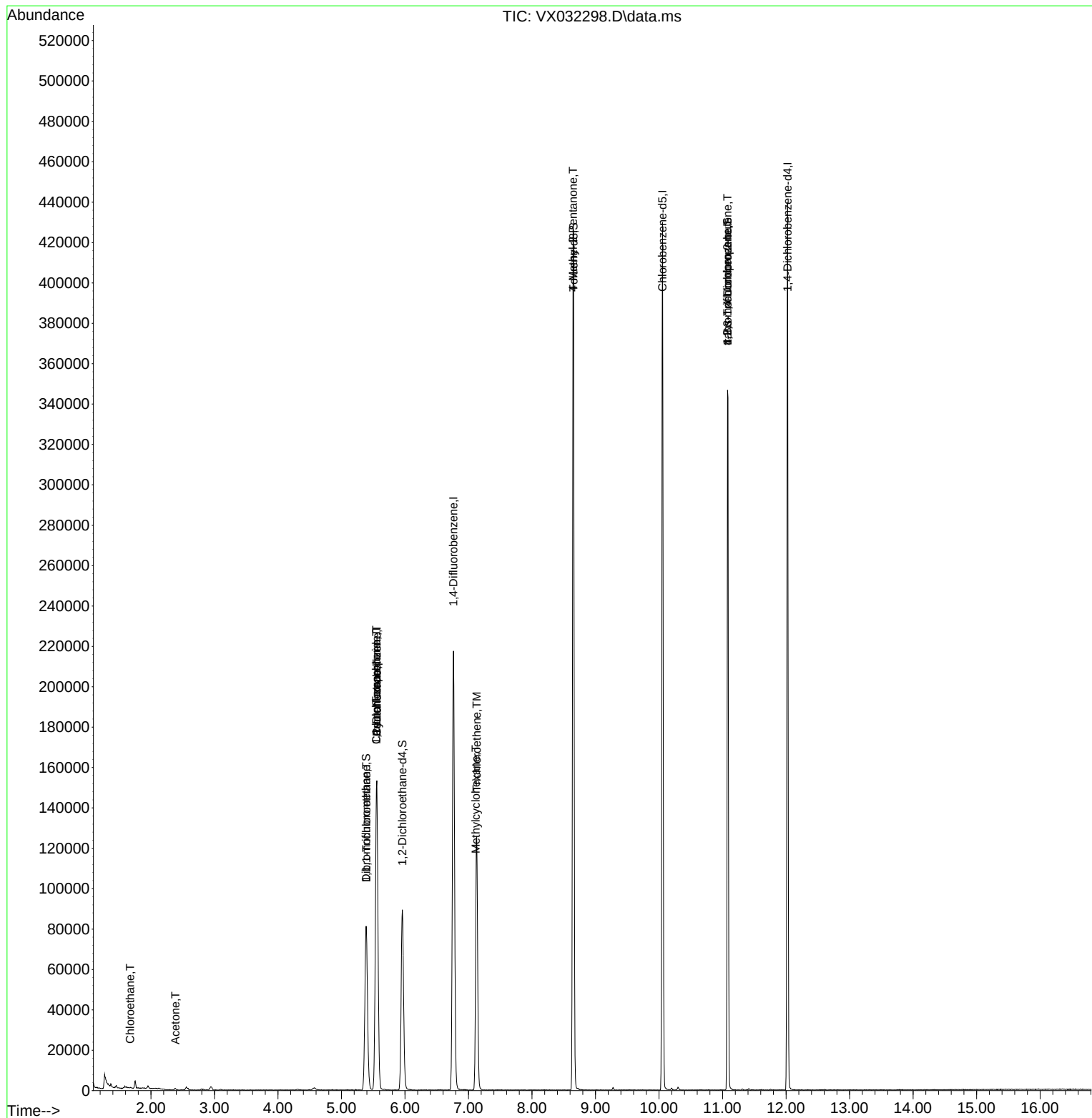
Internal Standards						
1) Pentafluorobenzene	5.556	168	144716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90094	47.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.385	113	69011	44.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.653	98	258043	46.736	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.480%
62) 4-Bromofluorobenzene	11.079	95	89429	44.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	401	Below Cal	#	44
6) Chloroethane	1.672	64	78	2.005	ug/l #	41
11) Tert butyl alcohol	2.940	59	1033	Below Cal	#	74
16) Acetone	2.386	43	833	1.363	ug/l #	80
31) Cyclohexane	5.556	56	3217	1.495	ug/l #	21
32) 1,1,1-Trichloroethane	5.391	97	1350	0.567	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	11390	5.773	ug/l #	46
38) Carbon Tetrachloride	5.550	117	14795	7.103	ug/l #	17
39) Methylcyclohexane	7.117	83	569	0.241	ug/l #	1
44) Trichloroethene	7.129	130	47406	30.104	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1073	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48658	28.544	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	48658	87.485	ug/l #	6

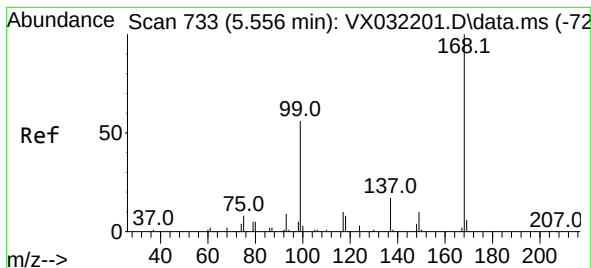
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX032298.D

Acq: 21 Oct 2022 18:52

Instrument :

MSVOA_X

ClientSampleId :

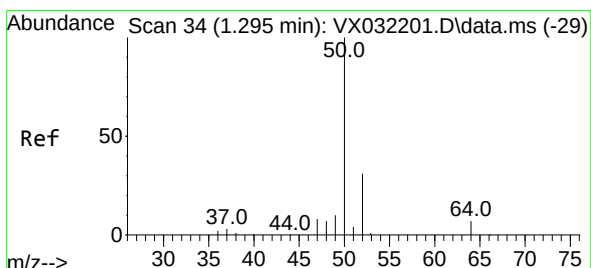
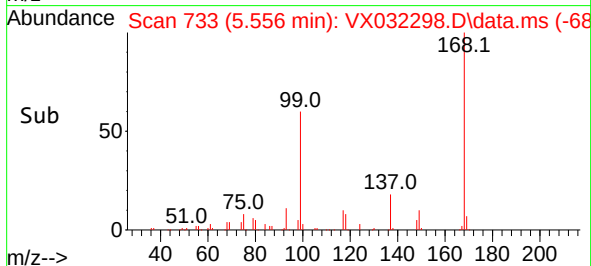
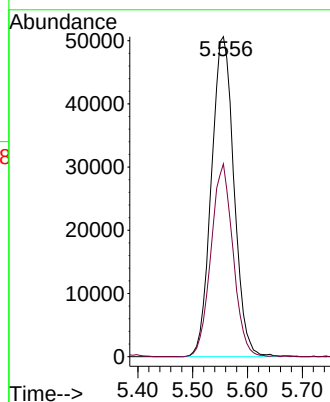
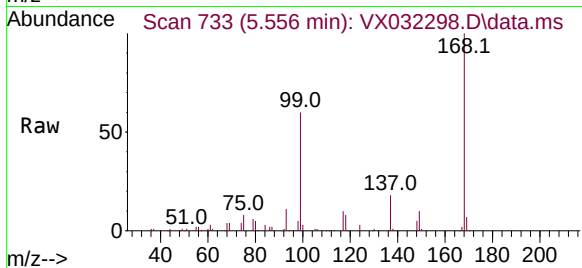
FSND-MW-6-20221018

Tgt Ion:168 Resp: 144716

Ion Ratio Lower Upper

168 100

99 60.2 44.8 67.2



#3

Chloromethane

Concen: Below Cal

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX032298.D

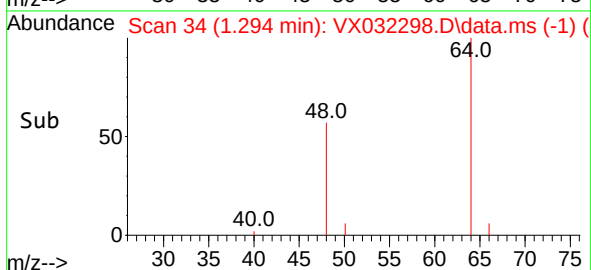
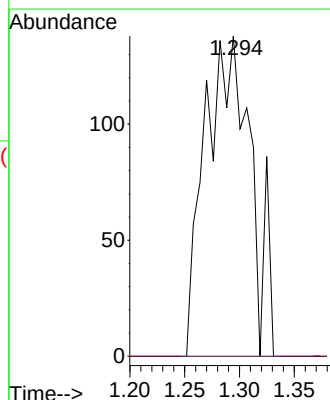
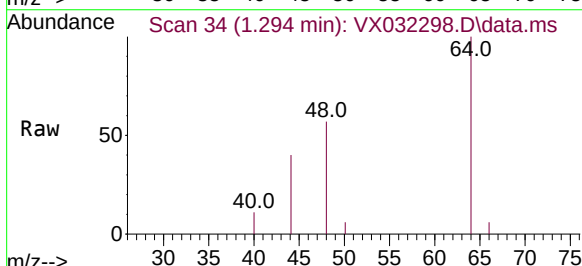
Acq: 21 Oct 2022 18:52

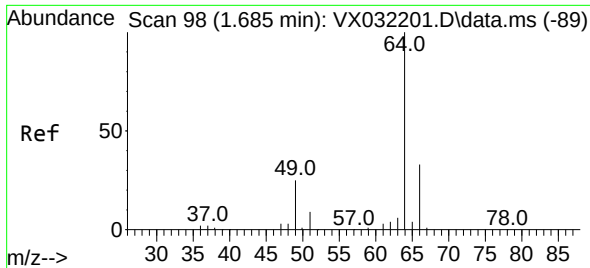
Tgt Ion: 50 Resp: 401

Ion Ratio Lower Upper

50 100

52 0.0 24.7 37.1#

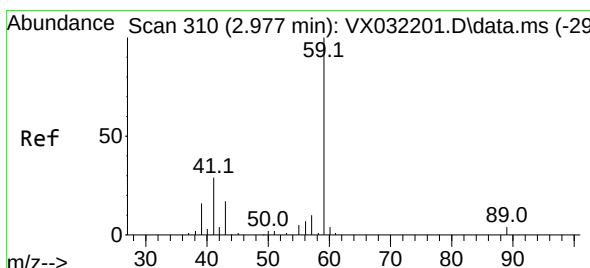
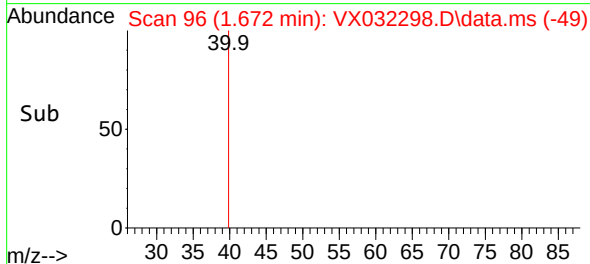
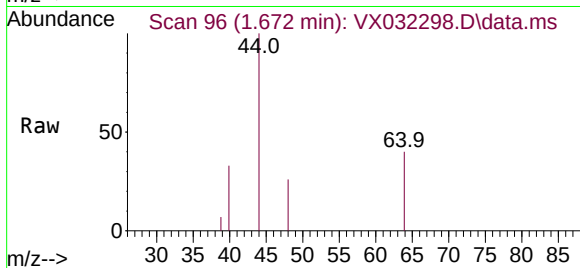




#6
Chloroethane
Concen: 2.005 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

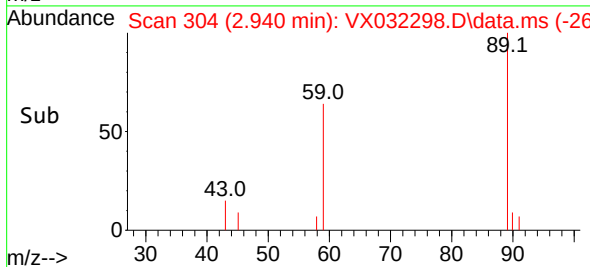
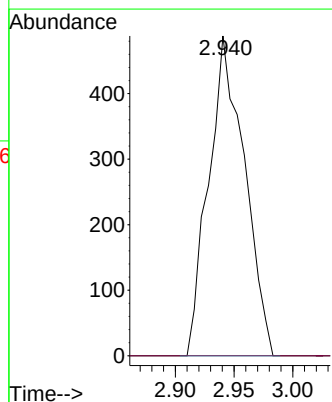
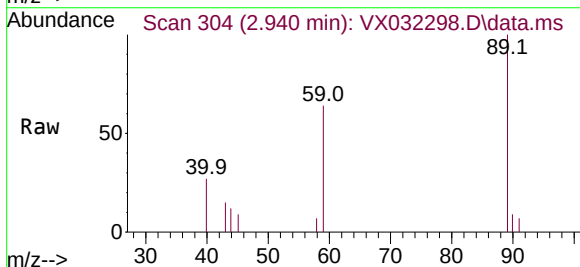
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-6-20221018

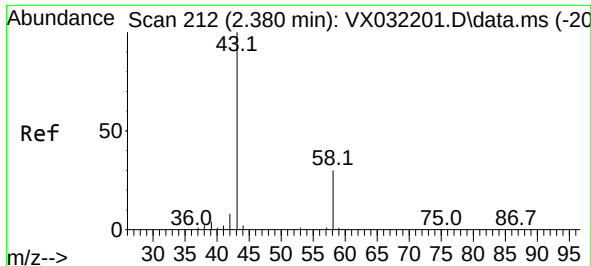
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion: 59 Resp: 1033
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

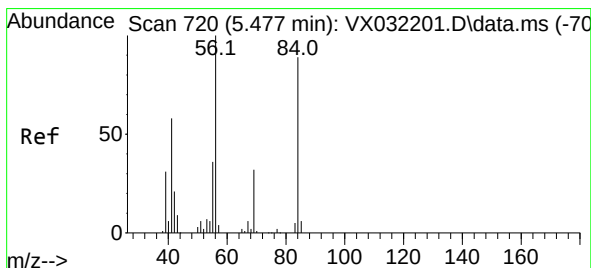
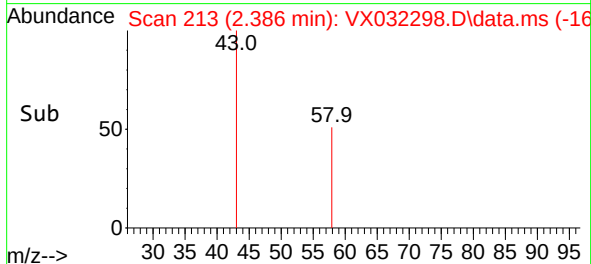
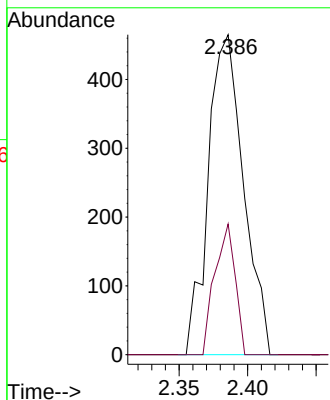
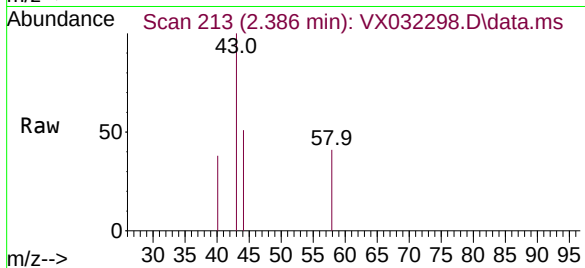




#16
Acetone
Concen: 1.363 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

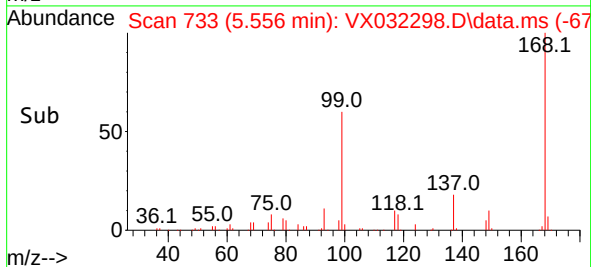
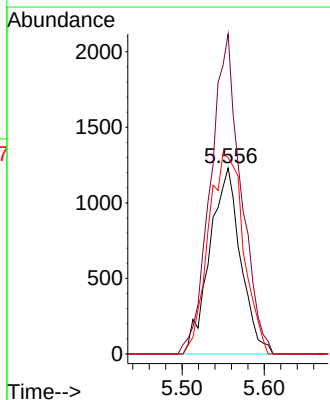
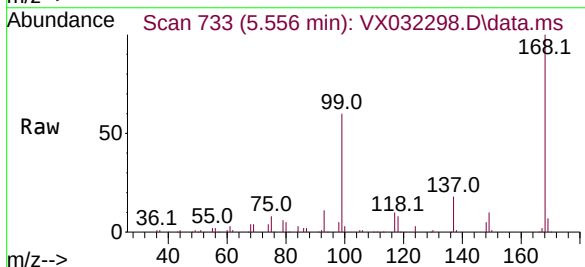
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-6-20221018

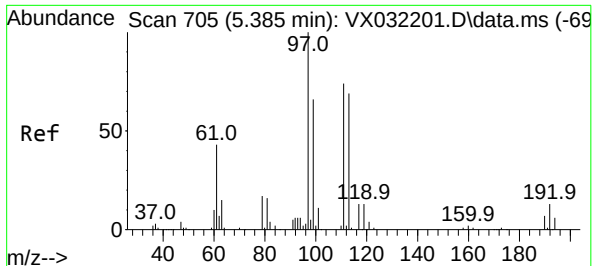
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 40.9 24.2 36.2#



#31
Cyclohexane
Concen: 1.495 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion: 56 Resp: 3217
Ion Ratio Lower Upper
56 100
69 172.1 25.4 38.0#
84 105.4 71.2 106.8

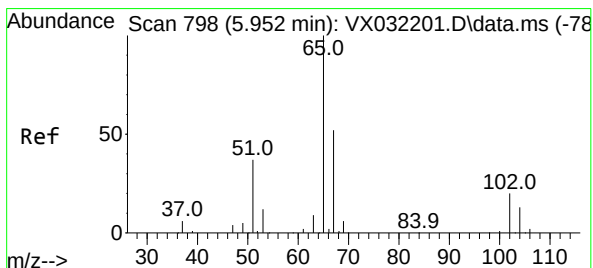
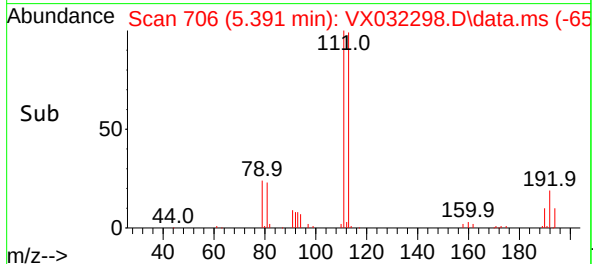
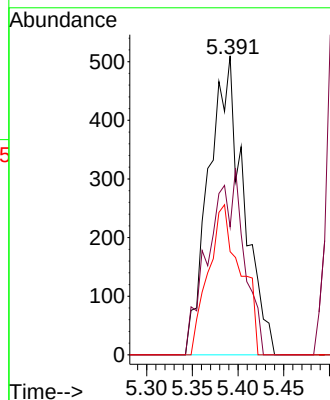
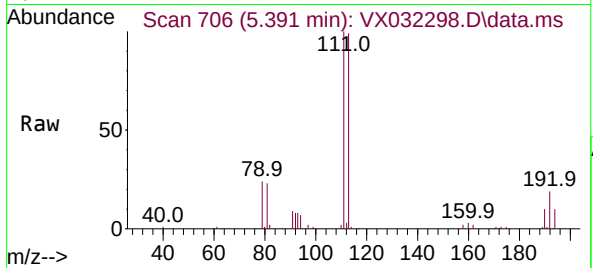




#32
1,1,1-Trichloroethane
Concen: 0.567 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

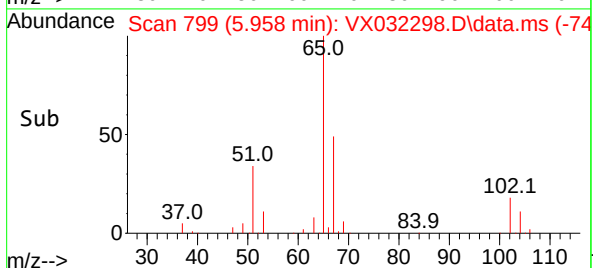
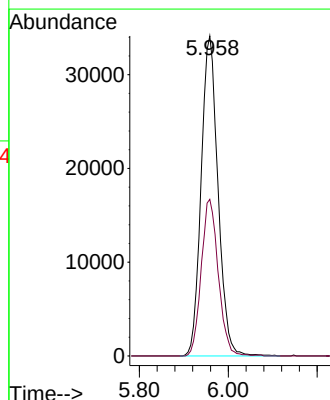
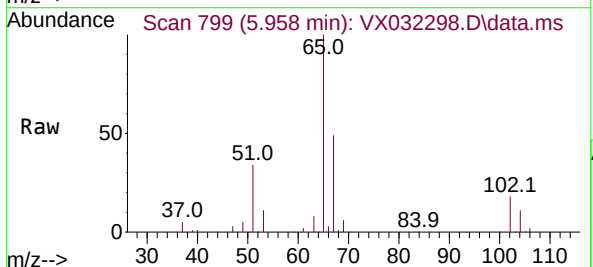
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-6-20221018

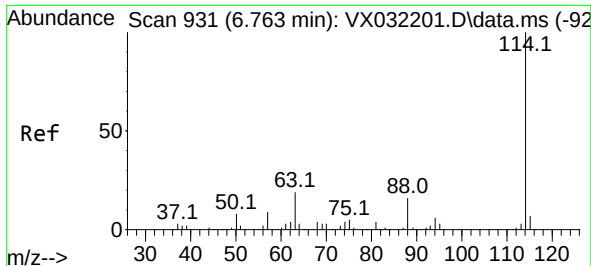
Tgt Ion: 97 Resp: 1350
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 46.4 35.7 53.5



#33
1,2-Dichloroethane-d4
Concen: 47.856 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion: 65 Resp: 90094
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.6

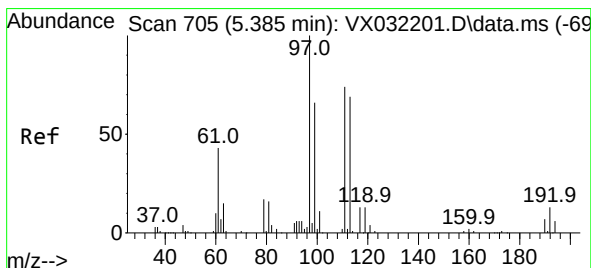
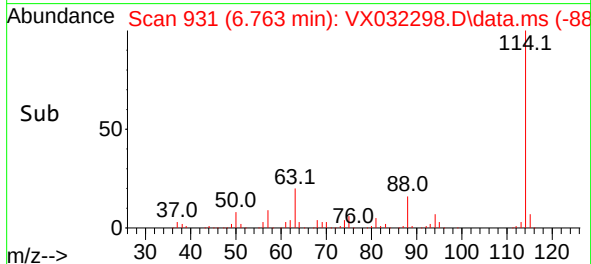
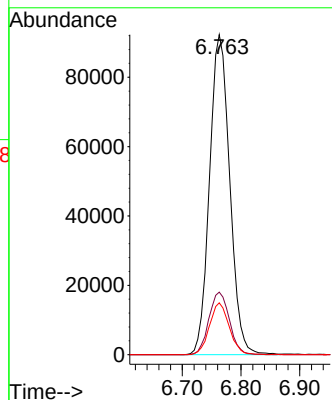
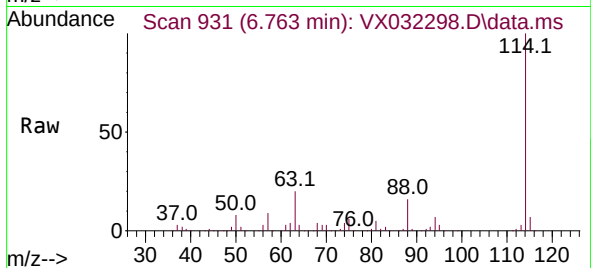




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

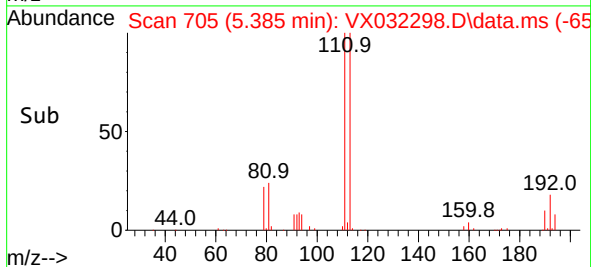
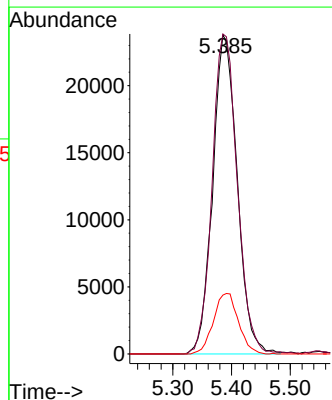
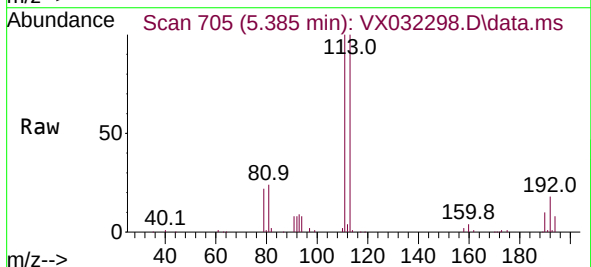
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MSVOA_X
ClientSampleId :
FSND-MW-6-20221018

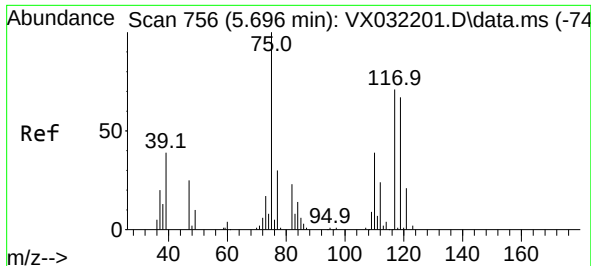
Tgt Ion:114 Resp: 220420
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 44.993 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion:113 Resp: 69011
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.3 15.5 23.3

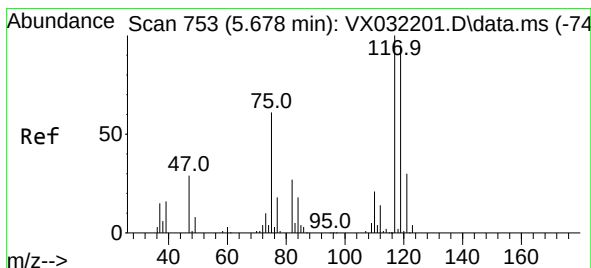
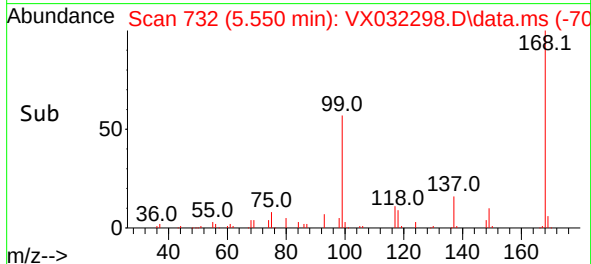
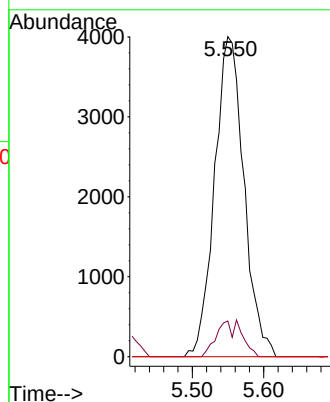
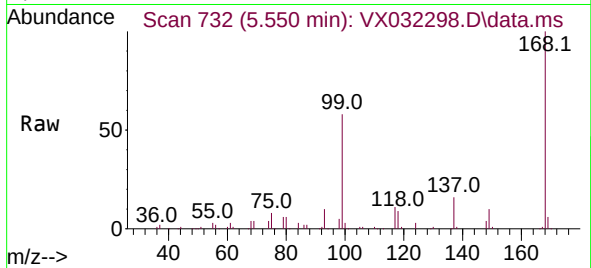




#36
1,1-Dichloropropene
Concen: 5.773 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

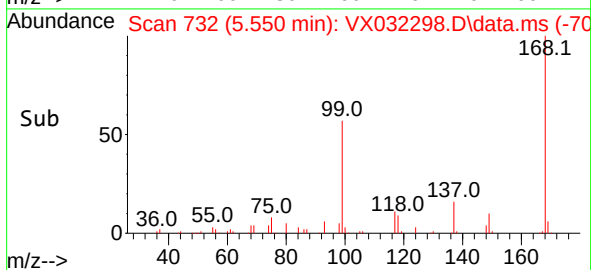
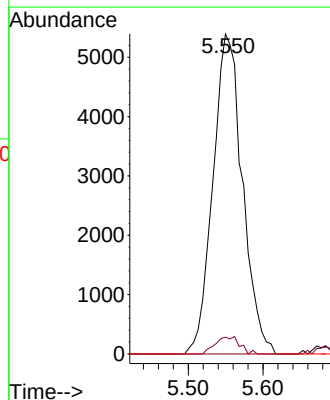
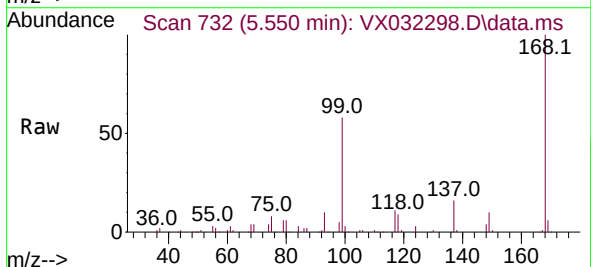
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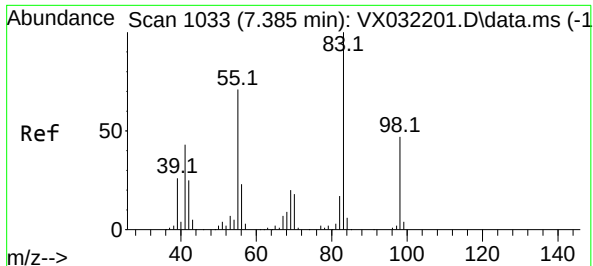
Tgt Ion: 75 Resp: 11390
Ion Ratio Lower Upper
75 100
110 6.0 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.103 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion: 117 Resp: 14795
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.241 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.268 min

Lab File: VX032298.D

Acq: 21 Oct 2022 18:52

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-6-20221018

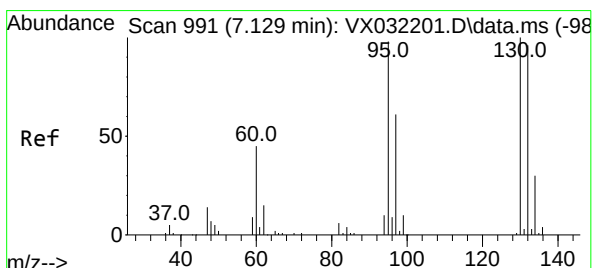
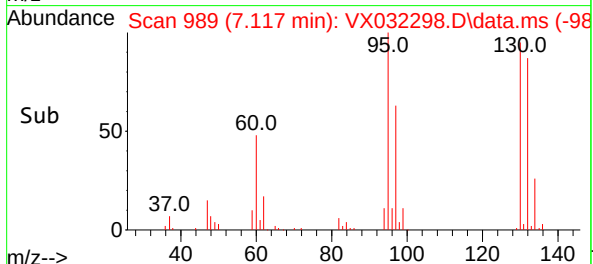
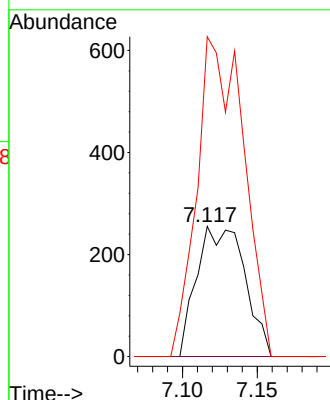
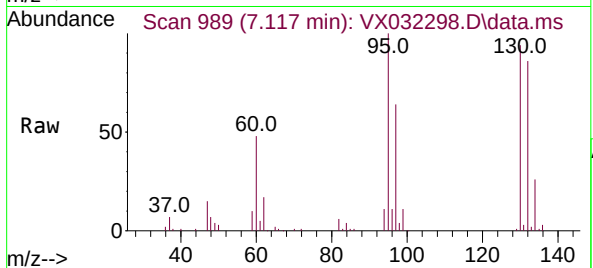
Tgt Ion: 83 Resp: 569

Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 245.9 37.4 56.0#



#44

Trichloroethene

Concen: 30.104 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032298.D

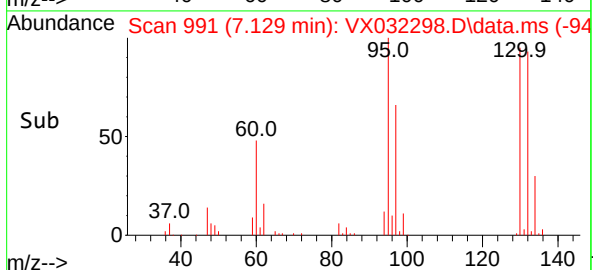
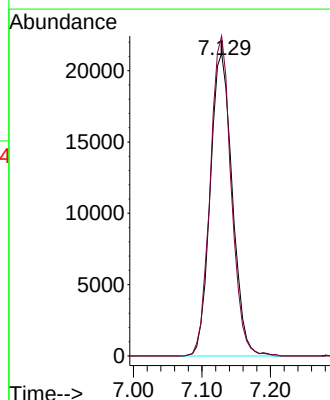
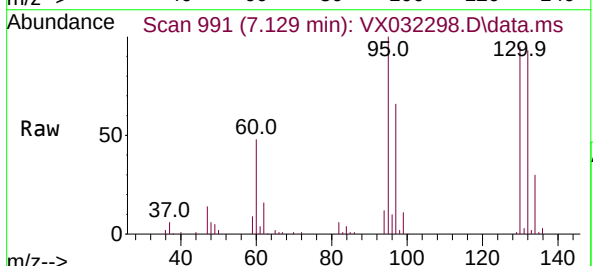
Acq: 21 Oct 2022 18:52

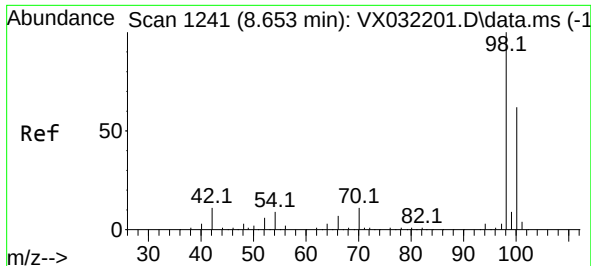
Tgt Ion:130 Resp: 47406

Ion Ratio Lower Upper

130 100

95 105.7 0.0 196.8

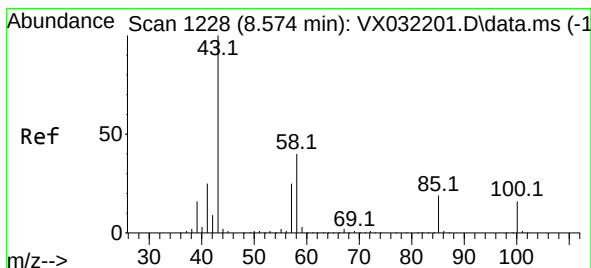
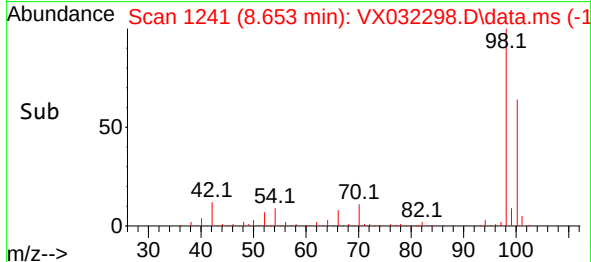
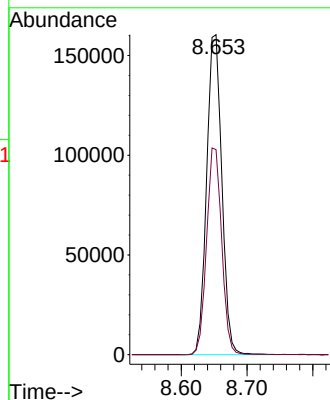
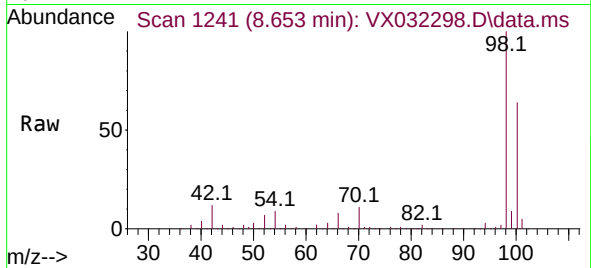




#50
Toluene-d8
Concen: 46.736 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

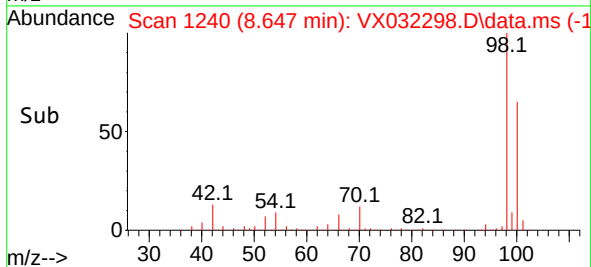
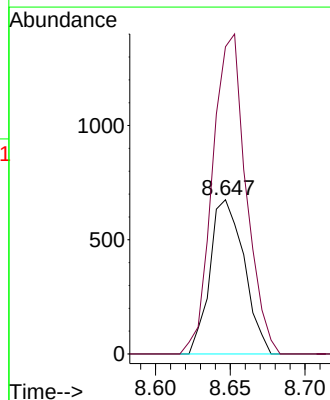
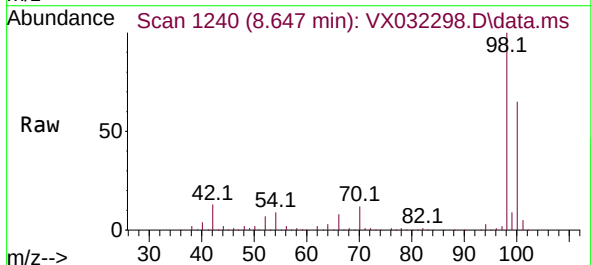
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-6-20221018

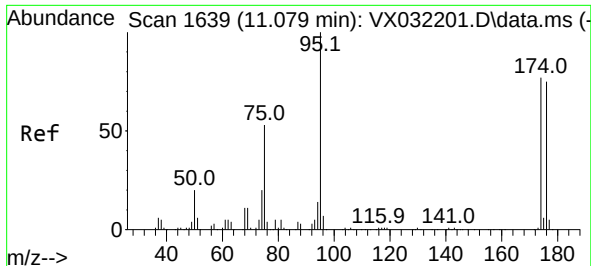
Tgt Ion: 98 Resp: 258043
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 203.8 31.0 46.4#

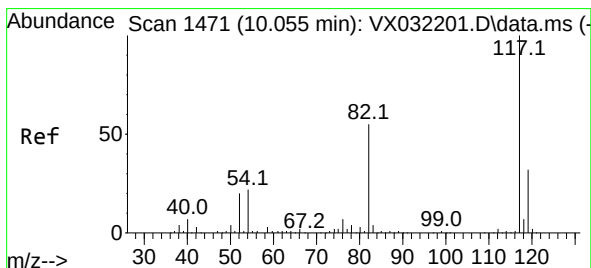
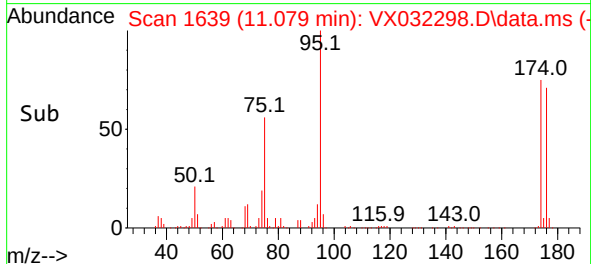
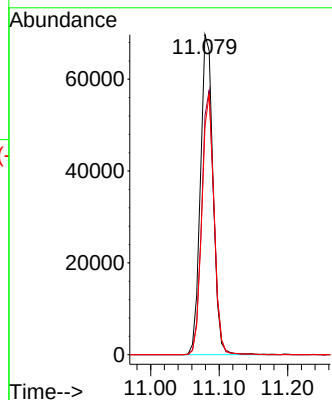
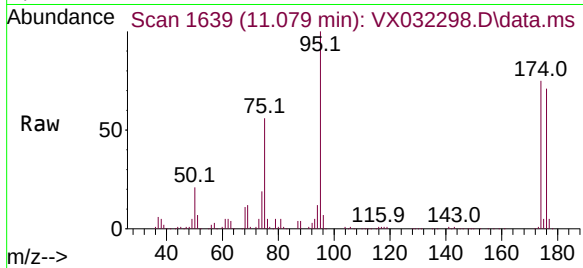




#62
4-Bromofluorobenzene
Concen: 44.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

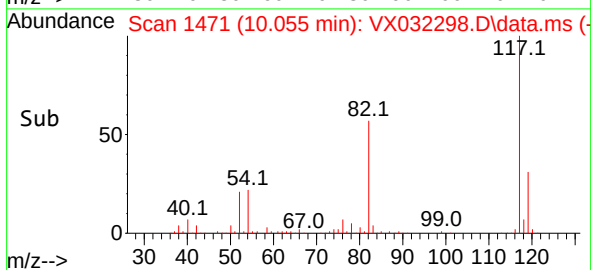
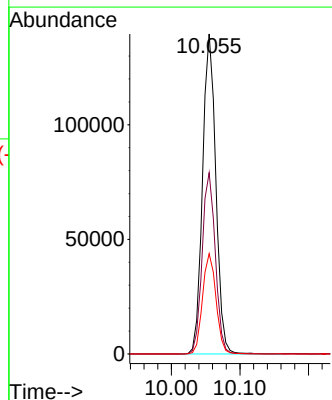
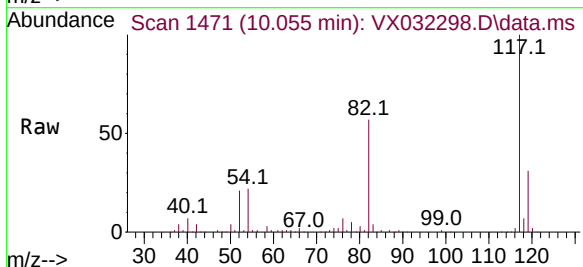
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-6-20221018

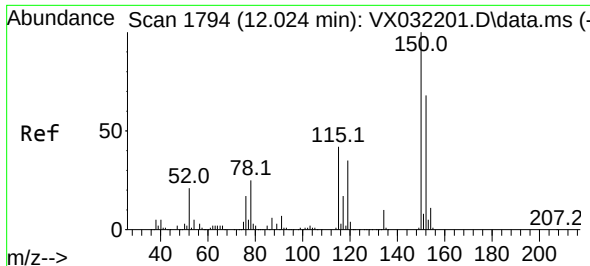
Tgt Ion: 95 Resp: 89429
Ion Ratio Lower Upper
95 100
174 80.4 0.0 166.8
176 78.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032298.D
Acq: 21 Oct 2022 18:52

Tgt Ion: 117 Resp: 188484
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.4
119 31.3 25.8 38.8

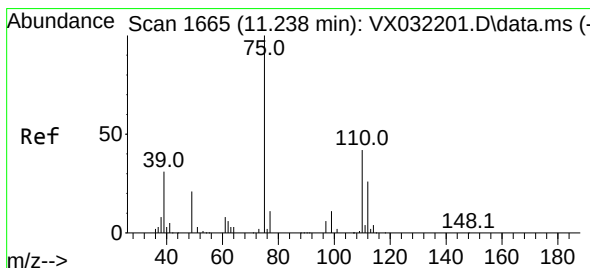
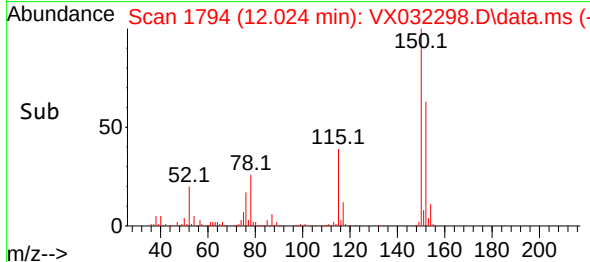
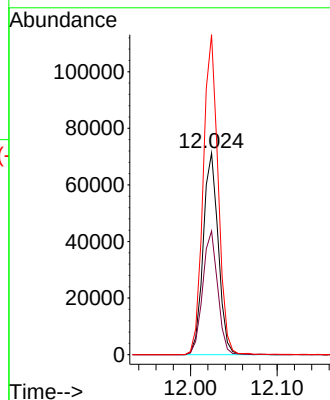
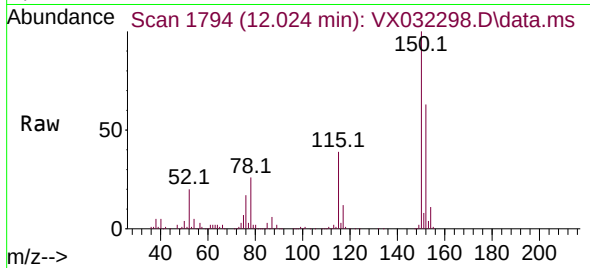




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX032298.D
 Acq: 21 Oct 2022 18:52

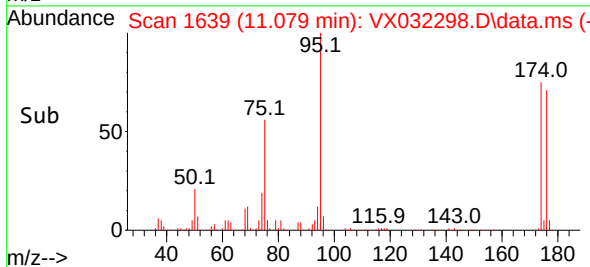
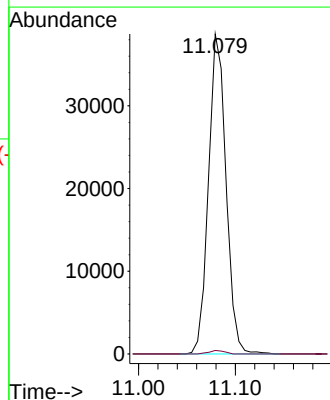
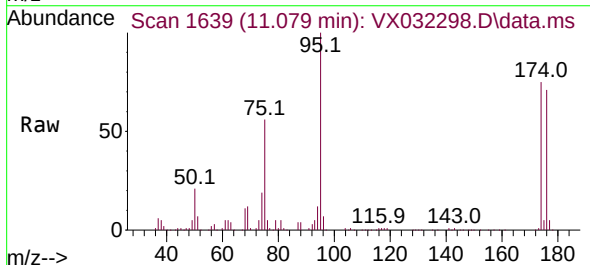
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-6-20221018

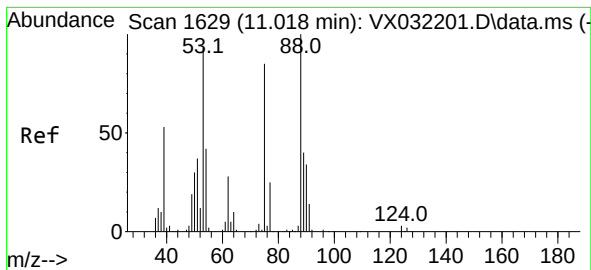
Tgt Ion:152 Resp: 86032
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.1 129.4
 150 157.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.544 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032298.D
 Acq: 21 Oct 2022 18:52

Tgt Ion: 75 Resp: 48658
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.485 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032298.D
 Acq: 21 Oct 2022 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-6-20221018

Tgt Ion: 75 Resp: 48658
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

