

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032297.D
 Acq On : 21 Oct 2022 18:29
 Operator : JC/MD
 Sample : N5248-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-22R-20221018

Quant Time: Oct 22 05:13:39 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)

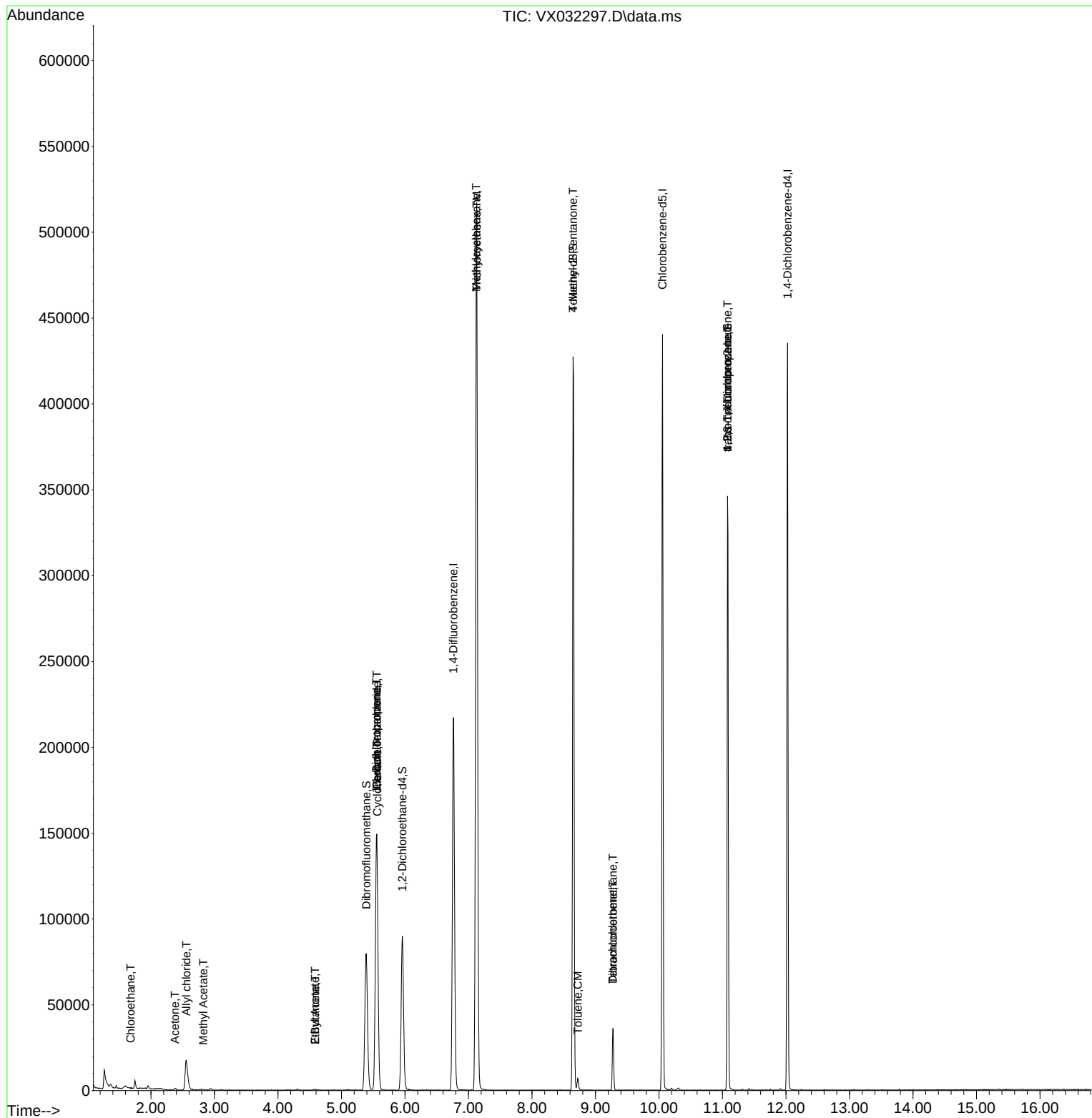
Internal Standards						
1) Pentafluorobenzene	5.556	168	141265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89933	48.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.880%		
35) Dibromofluoromethane	5.391	113	68681	45.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.520%		
50) Toluene-d8	8.647	98	253551	46.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.079	95	89016	44.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.000%		
Target Compounds						Qvalue
3) Chloromethane	1.276	50	358	Below Cal	#	44
6) Chloroethane	1.679	64	127	2.040	ug/l #	41
11) Tert butyl alcohol	2.941	59	691	Below Cal	#	74
14) Allyl chloride	2.557	41	2734	1.381	ug/l #	60
16) Acetone	2.380	43	1279	2.145	ug/l #	84
18) Methyl Acetate	2.825	43	427	0.211	ug/l #	50
25) 2-Butanone	4.587	43	565	0.607	ug/l #	48
31) Cyclohexane	5.562	56	3205	1.526	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	10919	5.593	ug/l #	49
37) Ethyl Acetate	4.587	43	565	0.296	ug/l #	68
38) Carbon Tetrachloride	5.556	117	14800	7.182	ug/l #	15
39) Methylcyclohexane	7.123	83	2308	0.990	ug/l #	1
44) Trichloroethene	7.129	130	192775	123.730	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1162	0.618	ug/l #	1
52) Toluene	8.720	92	2441	0.666	ug/l	92
60) Dibromochloromethane	9.275	129	6073	3.980	ug/l #	11
64) Tetrachloroethene	9.275	164	6206	5.013	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	49665	28.748	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	49665	88.091	ug/l #	6

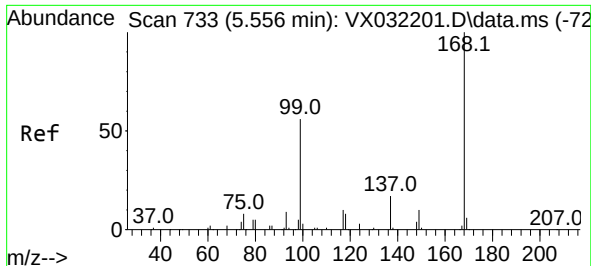
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
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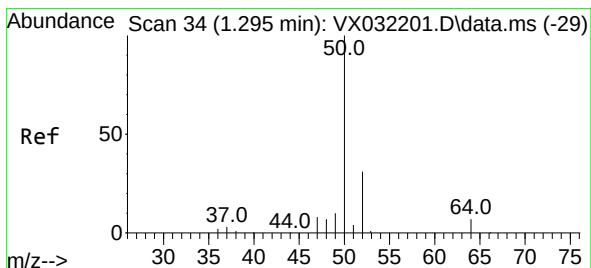
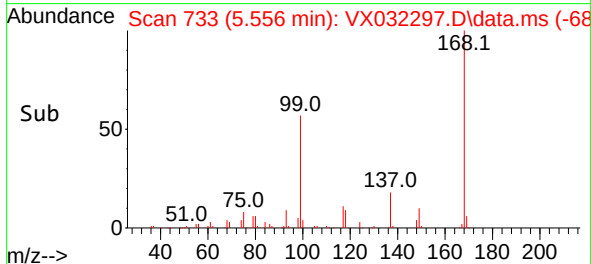
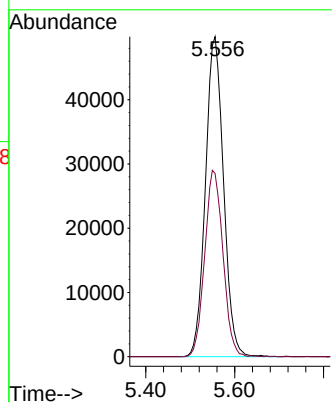
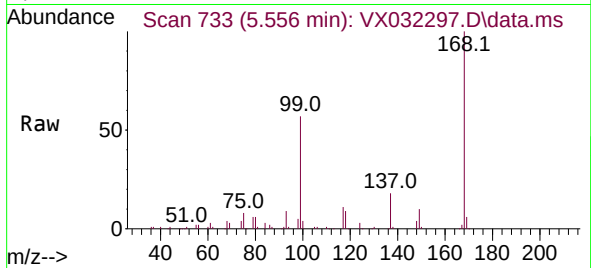




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

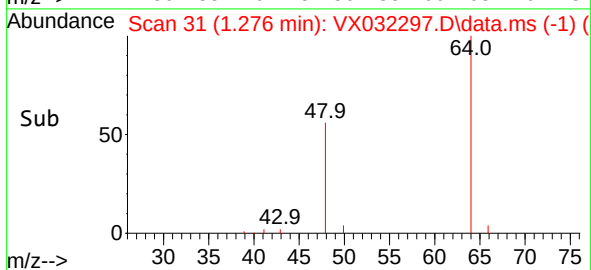
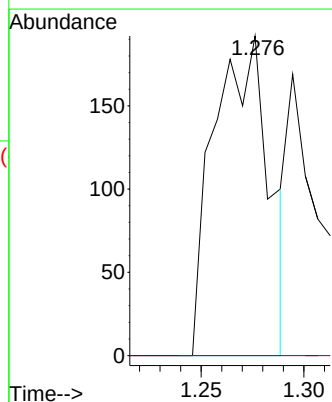
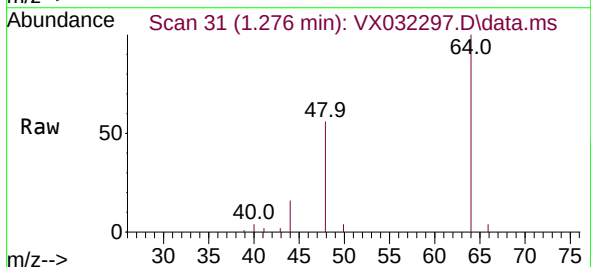
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

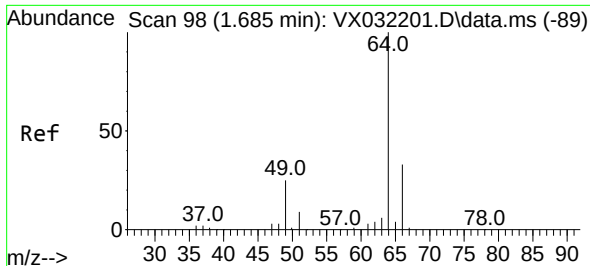
Tgt Ion:168 Resp: 141265
Ion Ratio Lower Upper
168 100
99 57.3 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.276 min Scan# 31
Delta R.T. -0.019 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 50 Resp: 358
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

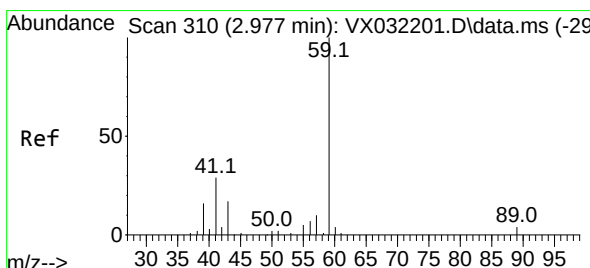
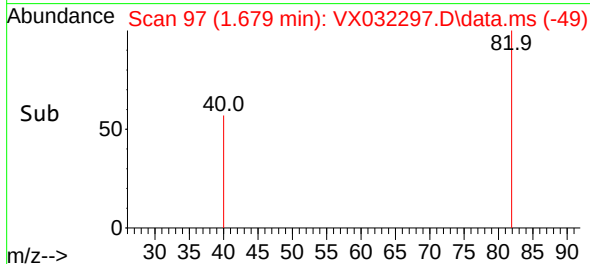
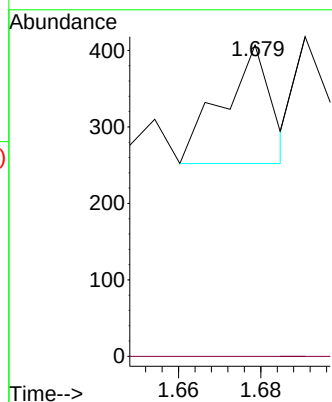
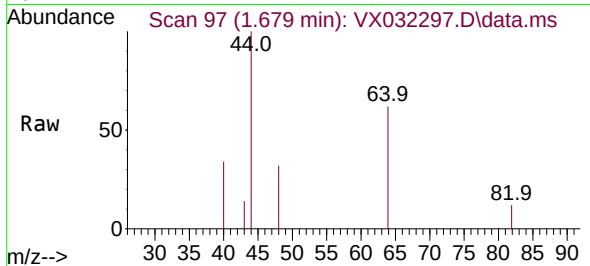




#6
Chloroethane
Concen: 2.040 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

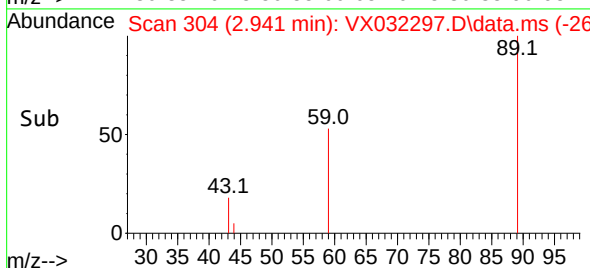
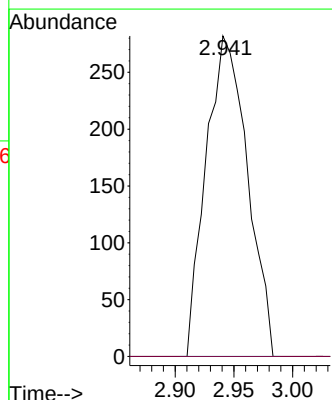
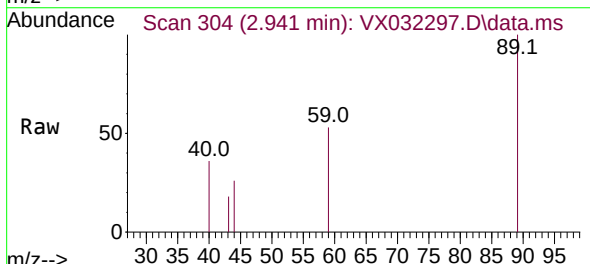
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

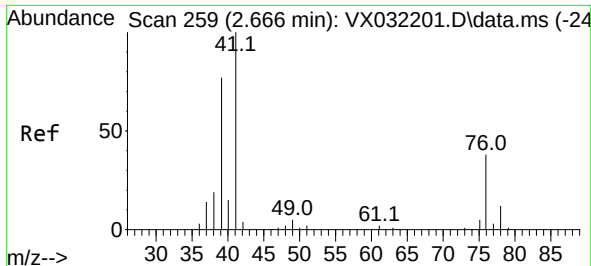
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 59 Resp: 691
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

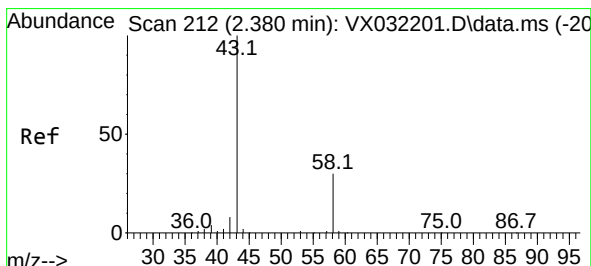
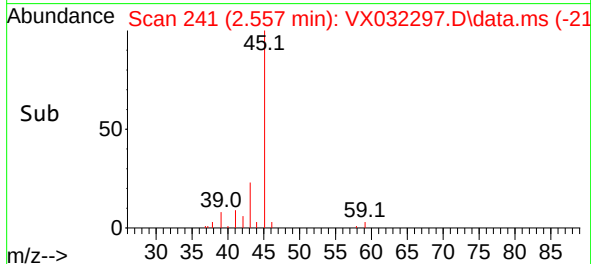
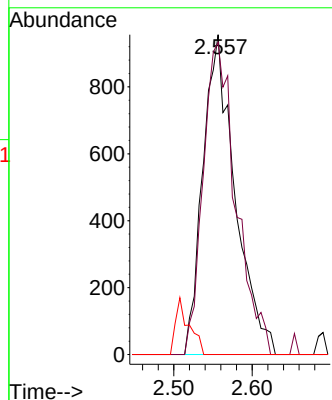
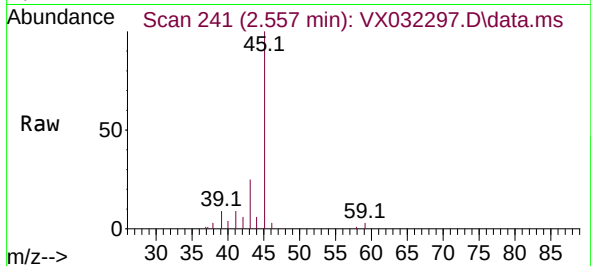




#14
 Allyl chloride
 Concen: 1.381 ug/l
 RT: 2.557 min Scan# 241
 Delta R.T. -0.109 min
 Lab File: VX032297.D
 Acq: 21 Oct 2022 18:29

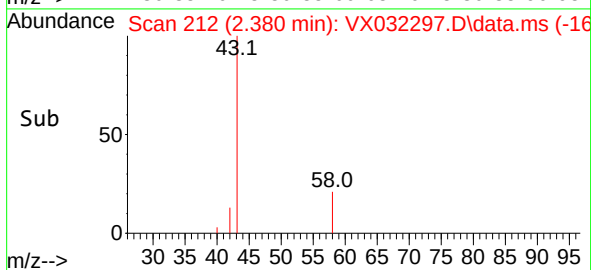
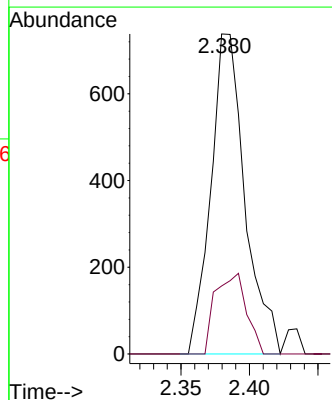
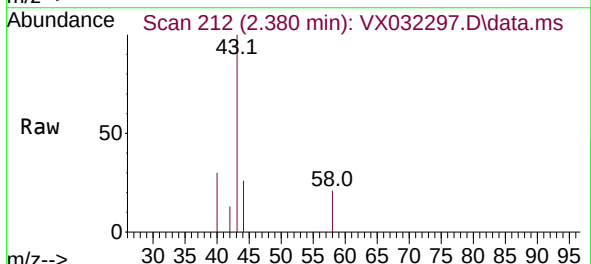
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-22R-20221018

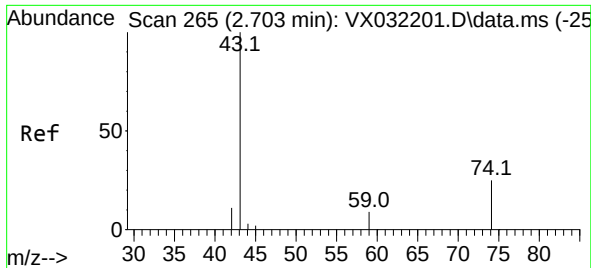
Tgt Ion: 41	Resp: 2734
Ion Ratio	Lower Upper
41 100	
39 99.2	59.5 89.3#
76 0.0	28.6 42.8#



#16
 Acetone
 Concen: 2.145 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX032297.D
 Acq: 21 Oct 2022 18:29

Tgt Ion: 43	Resp: 1279
Ion Ratio	Lower Upper
43 100	
58 21.3	24.2 36.2#





#18

Methyl Acetate

Concen: 0.211 ug/l

RT: 2.825 min Scan# 21

Delta R.T. 0.122 min

Lab File: VX032297.D

Acq: 21 Oct 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

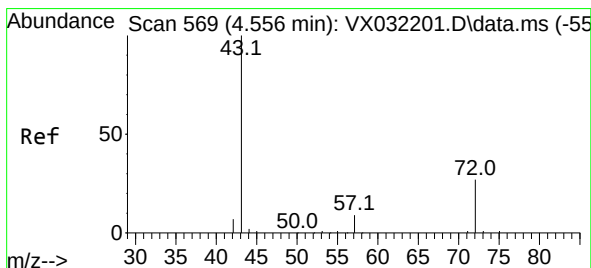
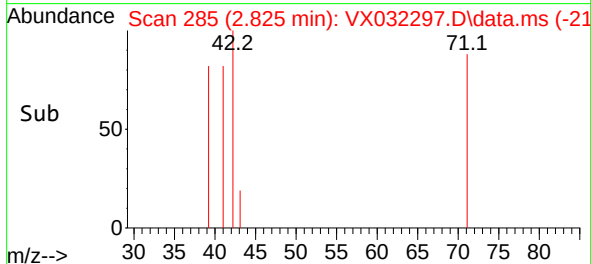
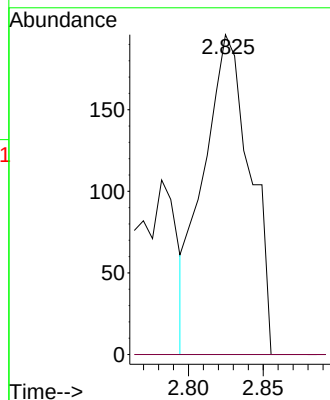
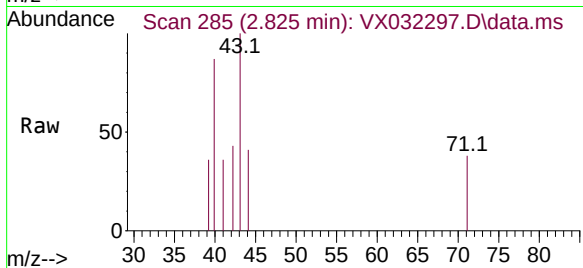
FSND-MW-22R-20221018

Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#25

2-Butanone

Concen: 0.607 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.031 min

Lab File: VX032297.D

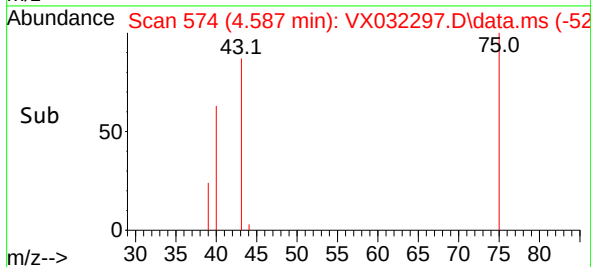
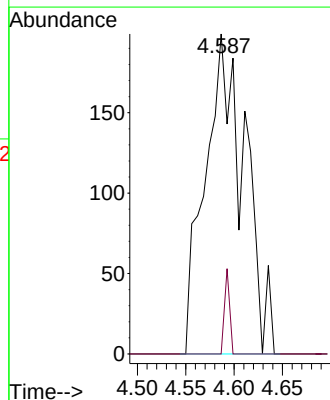
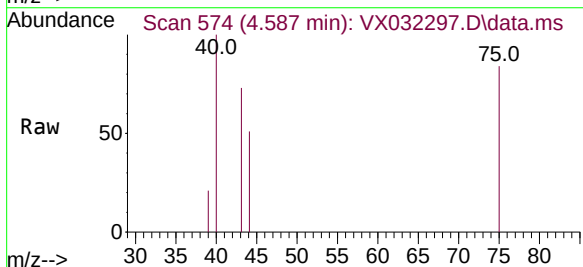
Acq: 21 Oct 2022 18:29

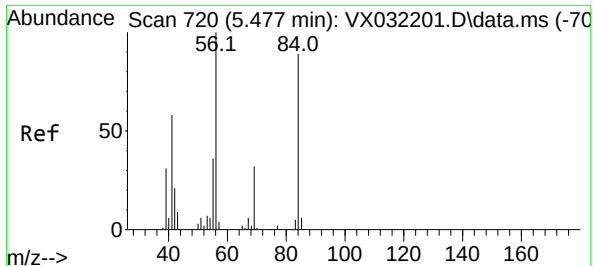
Tgt Ion: 43 Resp: 565

Ion Ratio Lower Upper

43 100

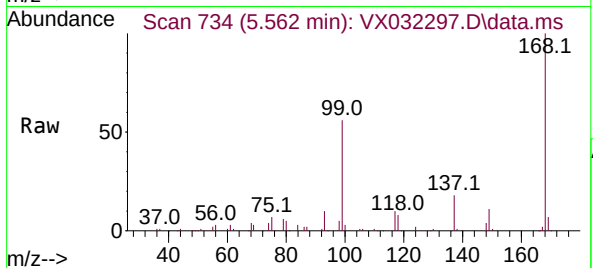
72 0.0 21.7 32.5#



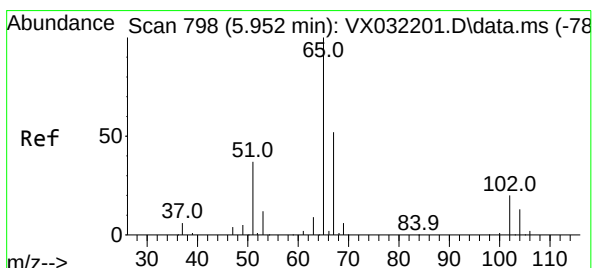
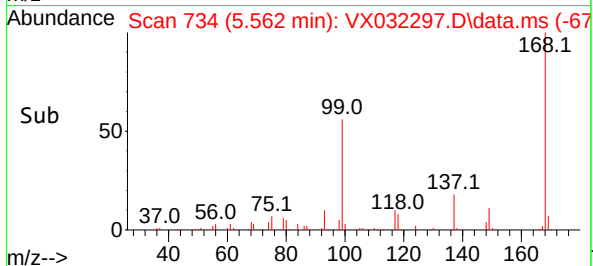
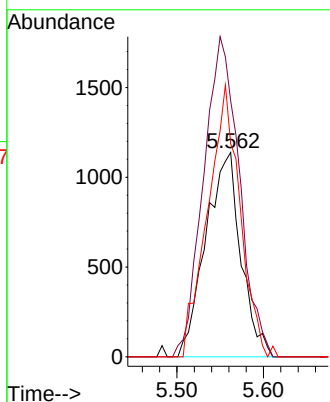


#31
Cyclohexane
Concen: 1.526 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.085 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

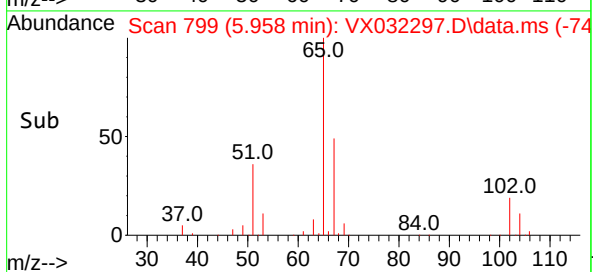
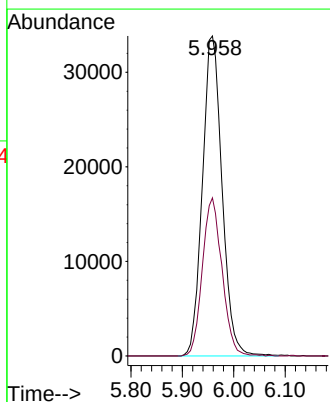
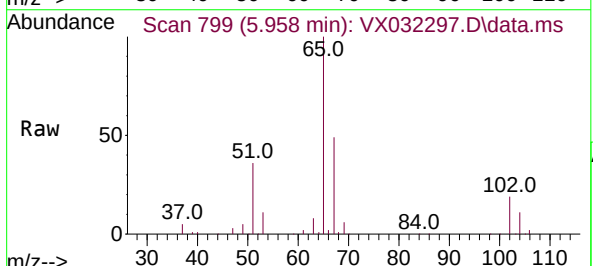


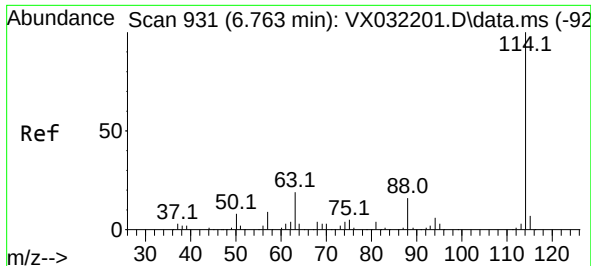
Tgt Ion: 56 Resp: 3205
Ion Ratio Lower Upper
56 100
69 125.3 25.4 38.0#
84 104.3 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 48.937 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 65 Resp: 89933
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.6

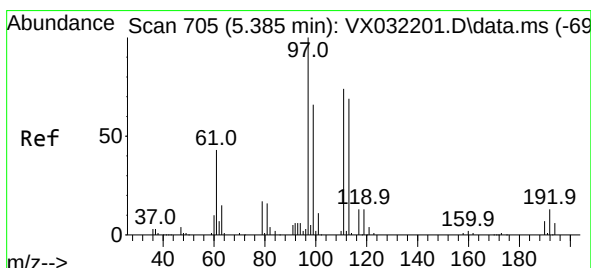
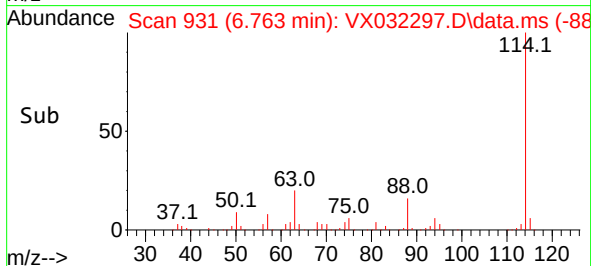
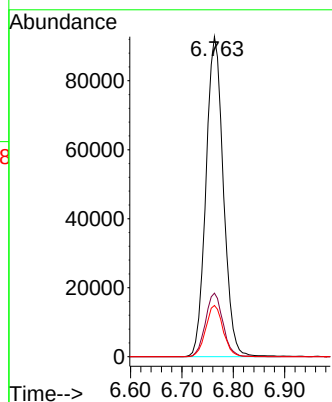
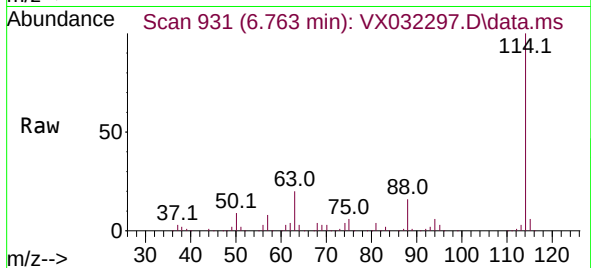




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

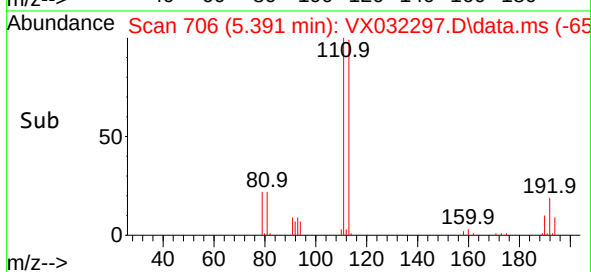
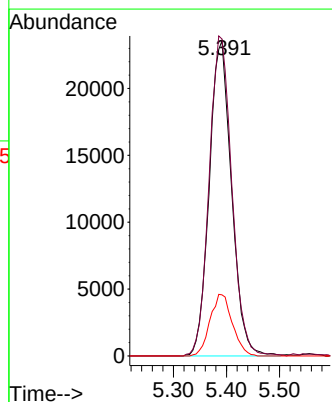
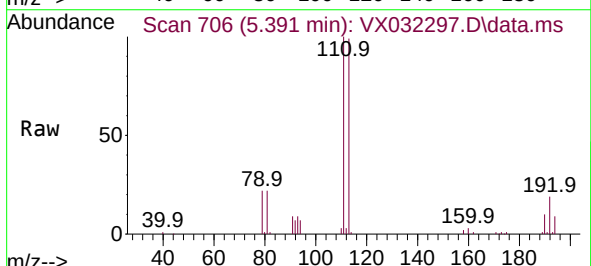
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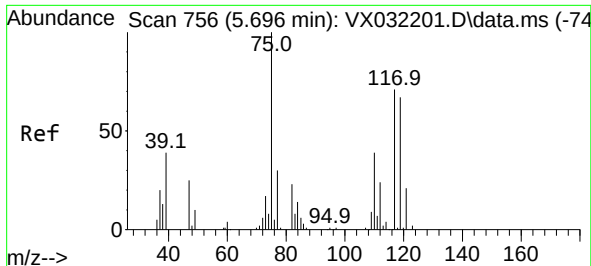
Tgt Ion:114 Resp: 218082
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.257 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion:113 Resp: 68681
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.6 15.5 23.3

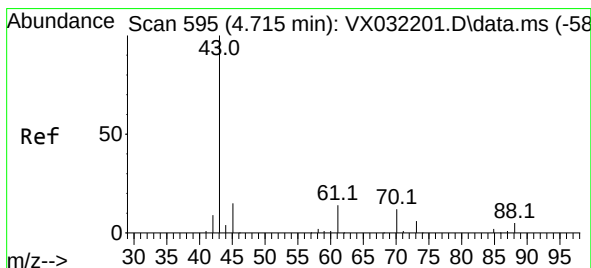
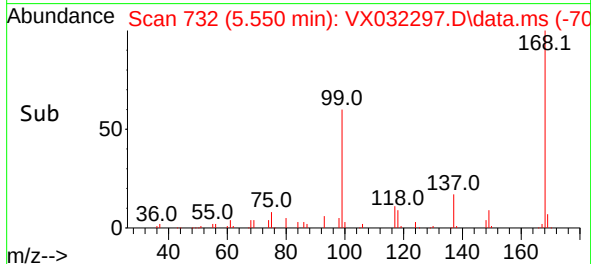
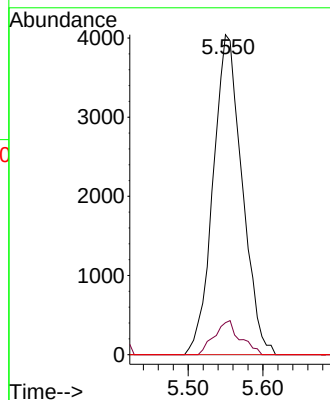
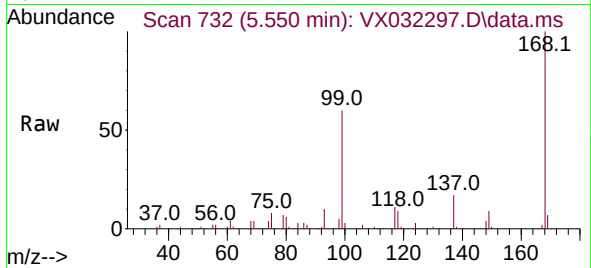




#36
1,1-Dichloropropene
Concen: 5.593 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

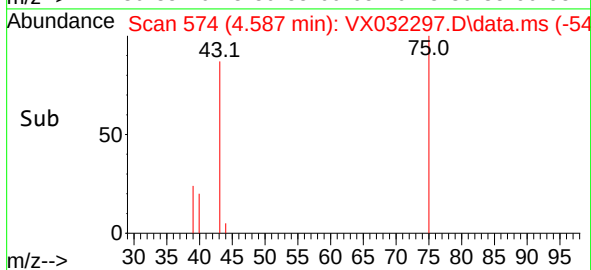
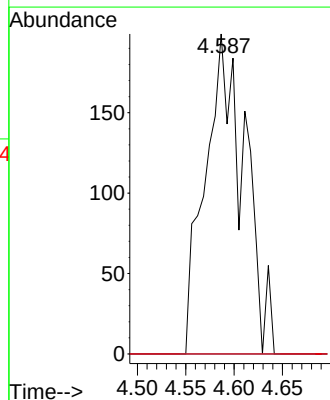
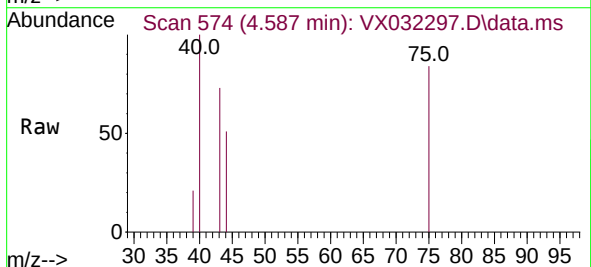
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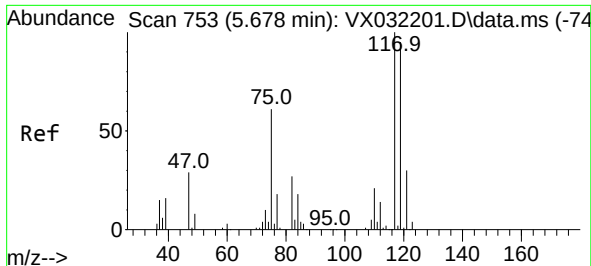
Tgt Ion: 75 Resp: 10919
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.0#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.296 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.128 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

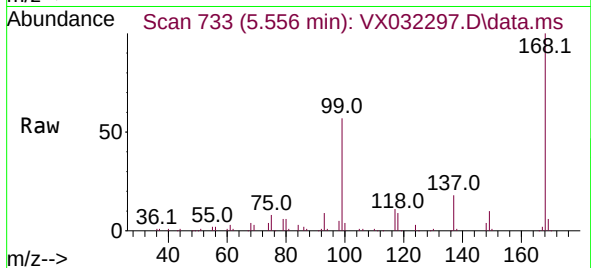
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.8 13.2#



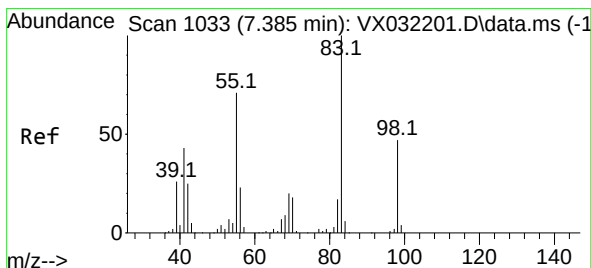
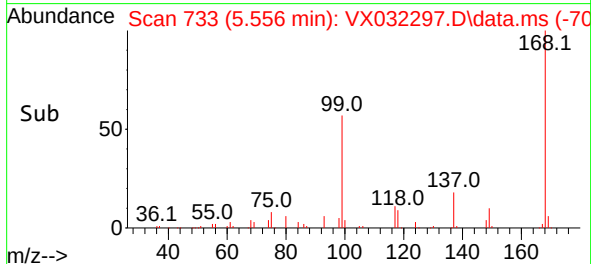
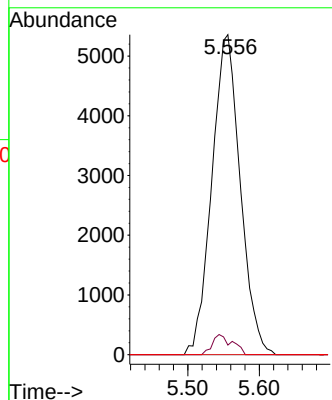


#38
Carbon Tetrachloride
Concen: 7.182 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

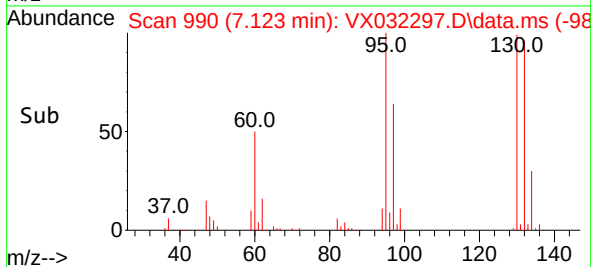
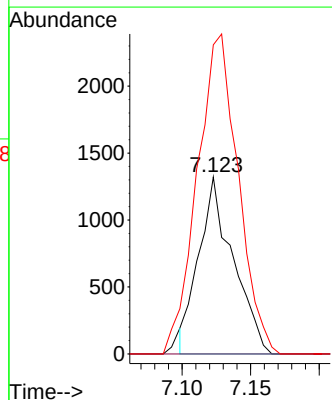
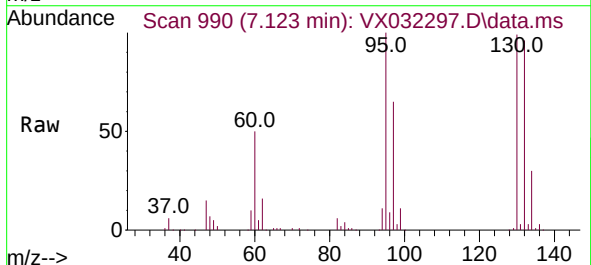


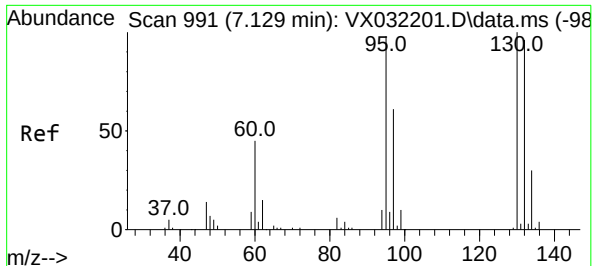
Tgt Ion:117 Resp: 14800
Ion Ratio Lower Upper
117 100
119 3.0 75.4 113.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.990 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 174.7 37.4 56.0#

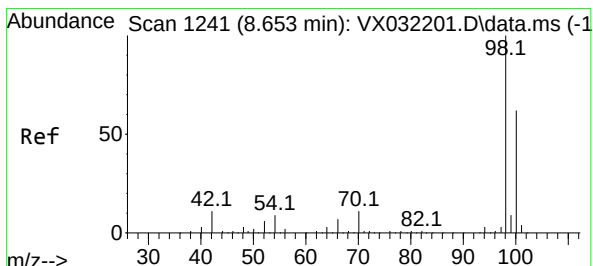
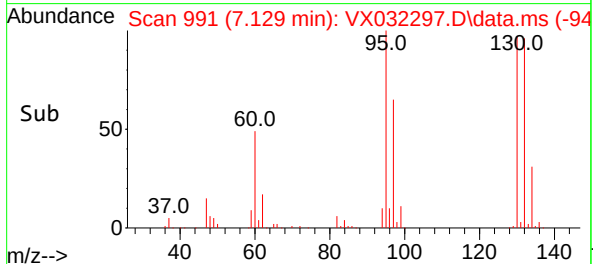
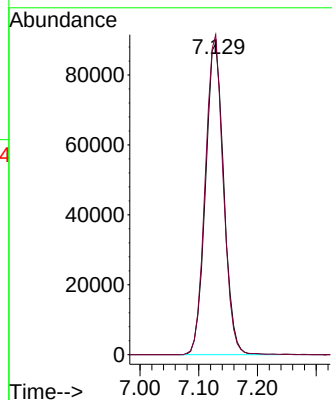
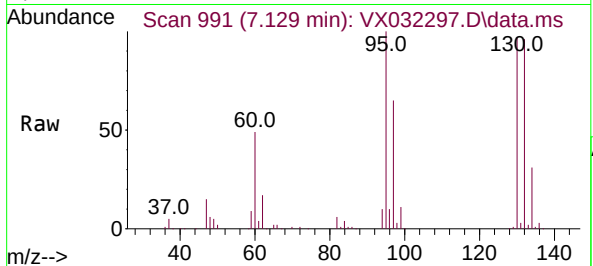




#44
Trichloroethene
Concen: 123.730 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

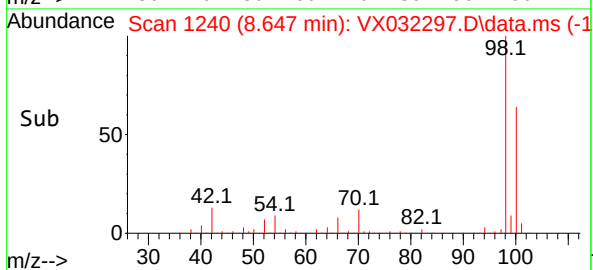
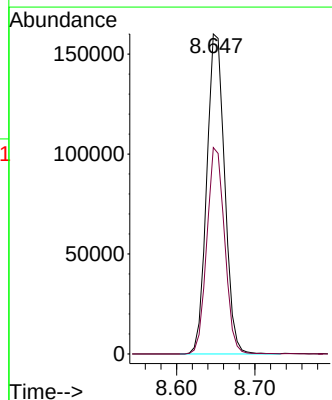
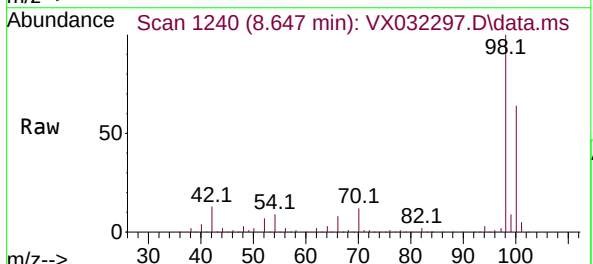
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

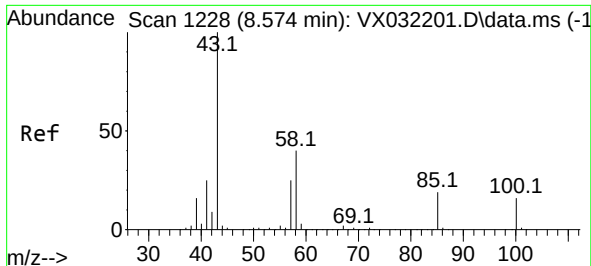
Tgt Ion:130 Resp: 192775
Ion Ratio Lower Upper
130 100
95 102.9 0.0 196.8



#50
Toluene-d8
Concen: 46.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 98 Resp: 253551
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1

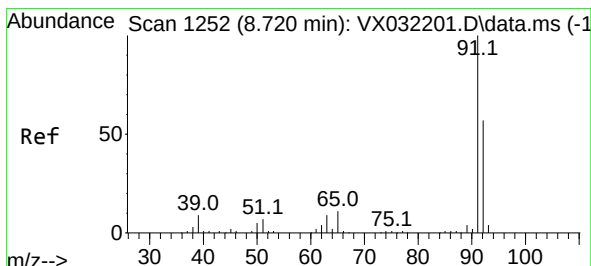
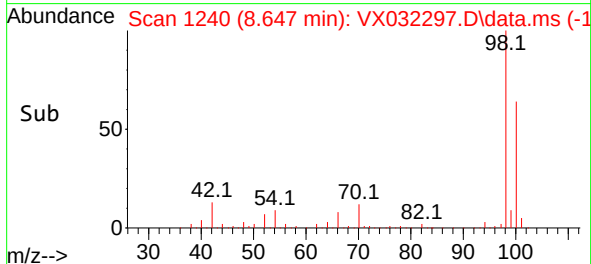
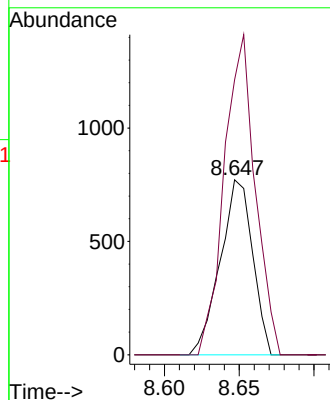
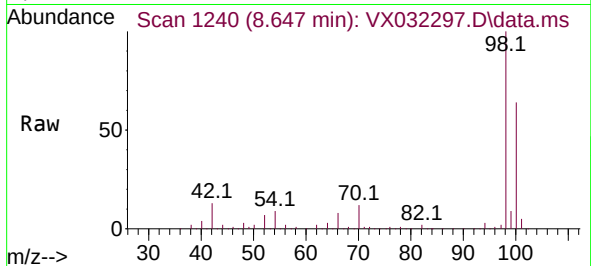




#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 8.647 min Scan# 1162
Delta R.T. 0.073 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

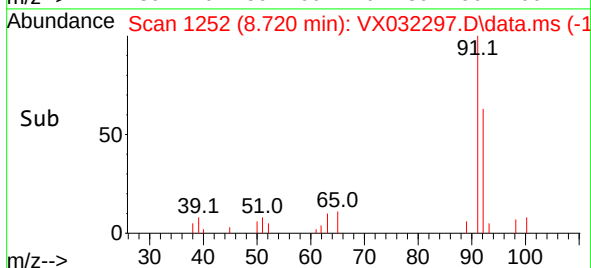
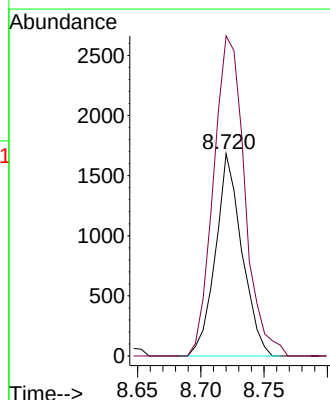
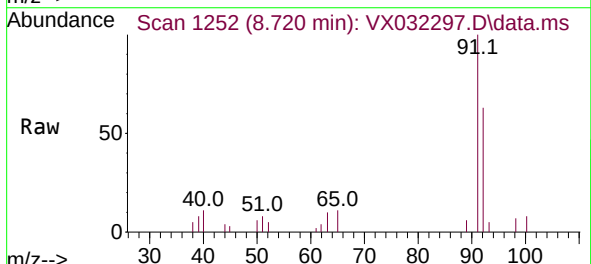
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

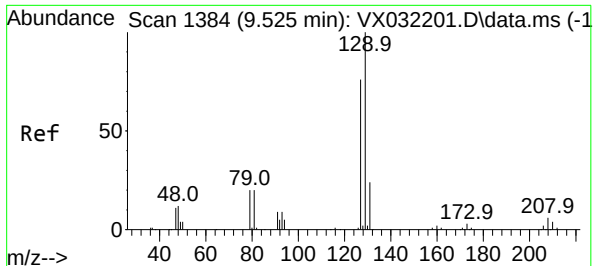
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 174.9 31.0 46.4#



#52
Toluene
Concen: 0.666 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 92 Resp: 2441
Ion Ratio Lower Upper
92 100
91 186.8 140.3 210.5

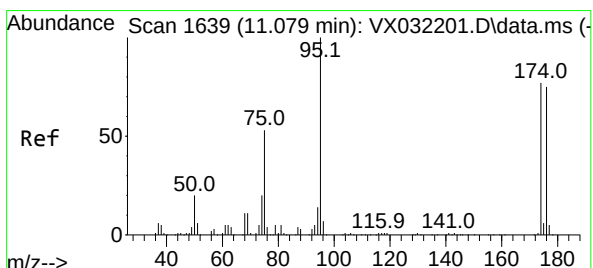
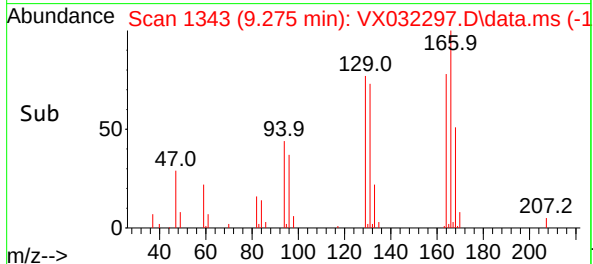
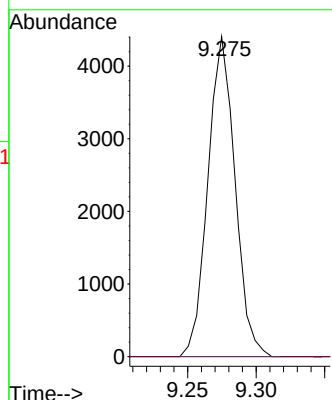
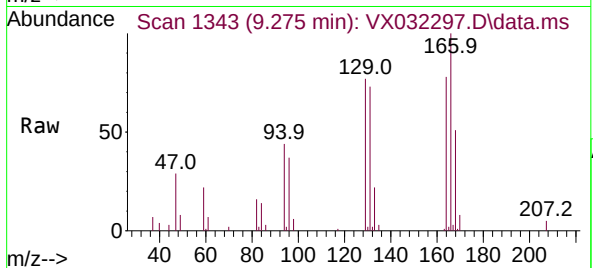




#60
Dibromochloromethane
Concen: 3.980 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

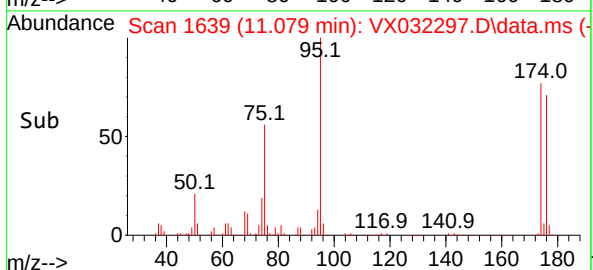
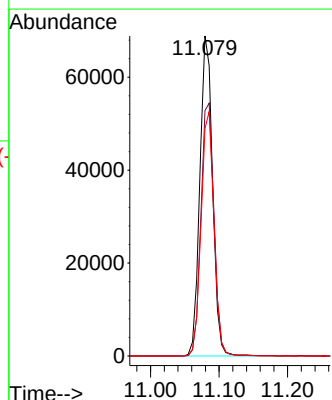
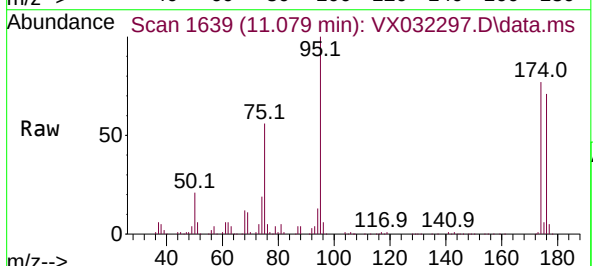
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

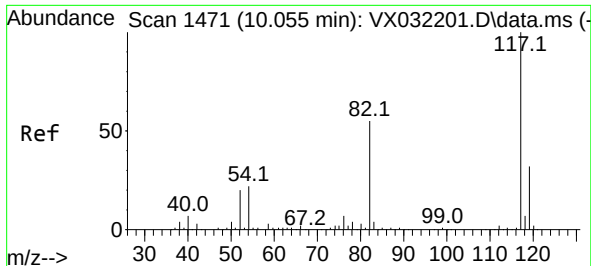
Tgt Ion:129 Resp: 6073
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion: 95 Resp: 89016
Ion Ratio Lower Upper
95 100
174 81.5 0.0 166.8
176 77.4 0.0 161.4

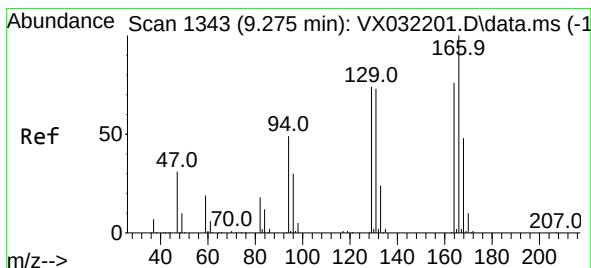
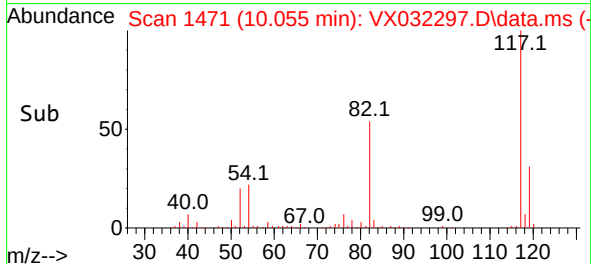
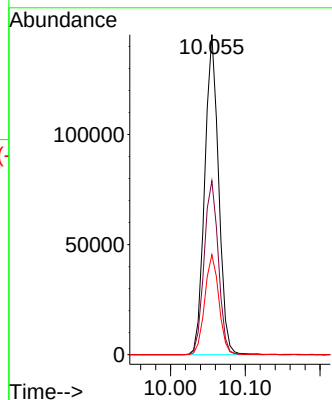
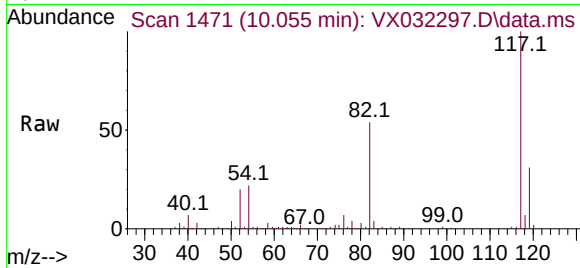




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

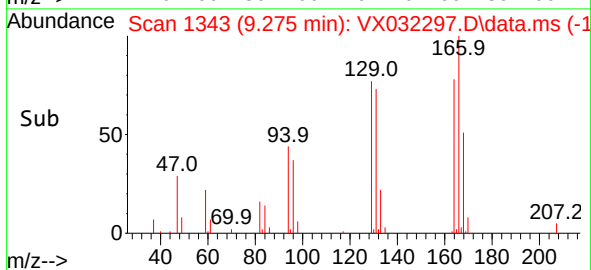
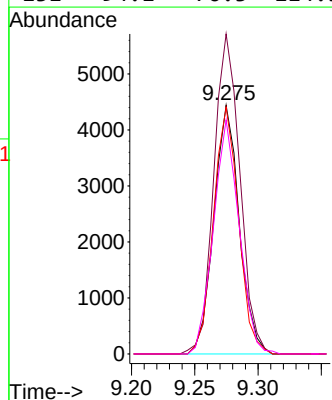
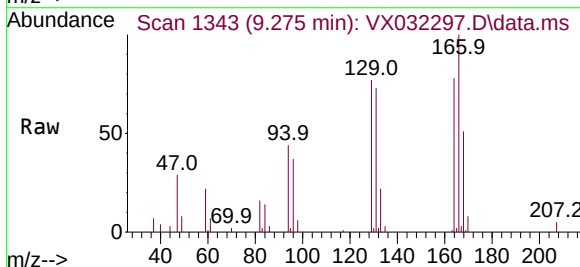
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-22R-20221018

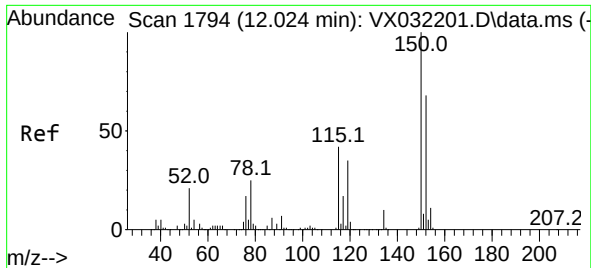
Tgt Ion:117 Resp: 187486
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.4
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 5.013 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032297.D
Acq: 21 Oct 2022 18:29

Tgt Ion:164 Resp: 6206
Ion Ratio Lower Upper
164 100
166 128.7 104.9 157.3
129 99.2 77.8 116.6
131 94.1 76.3 114.5

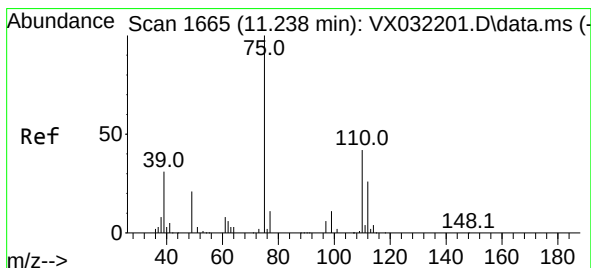
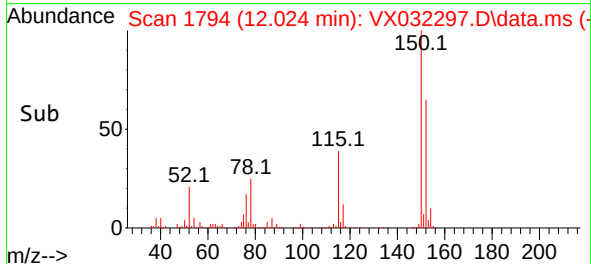
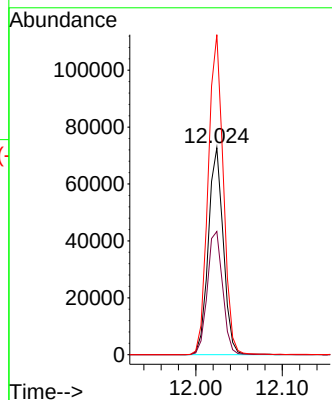
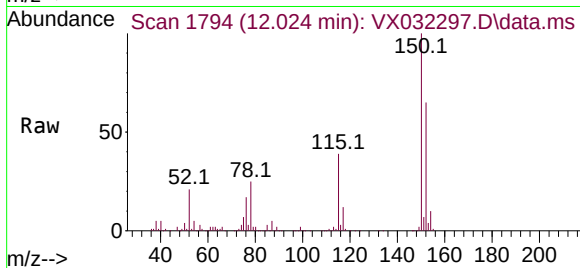




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032297.D
 Acq: 21 Oct 2022 18:29

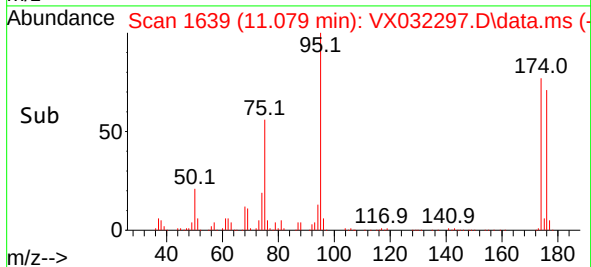
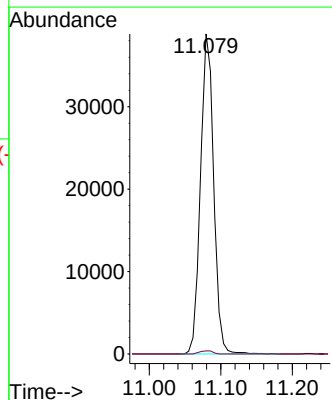
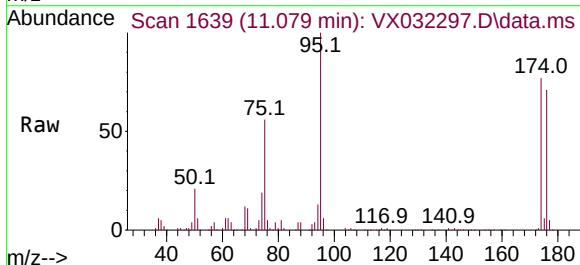
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-22R-20221018

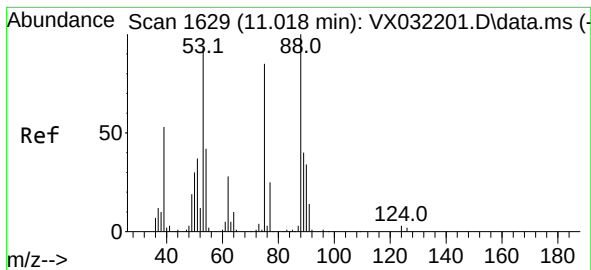
Tgt Ion:152 Resp: 87189
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.1 129.4
 150 156.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.748 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032297.D
 Acq: 21 Oct 2022 18:29

Tgt Ion: 75 Resp: 49665
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 88.091 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX032297.D

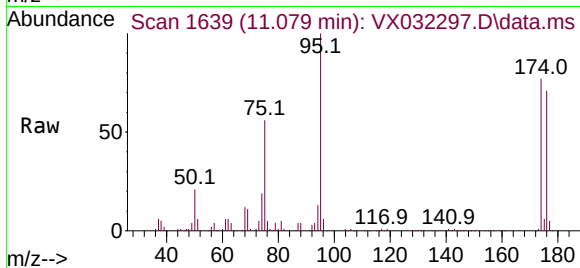
Acq: 21 Oct 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-22R-20221018



Tgt Ion: 75 Resp: 49665

Ion Ratio Lower Upper

75 100

53 0.0 87.8 131.8#

89 0.0 37.8 56.8#

