

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032376.D
 Acq On : 25 Oct 2022 19:53
 Operator : JC/MD
 Sample : N5249-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-20221020

Quant Time: Oct 27 14:18:53 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)

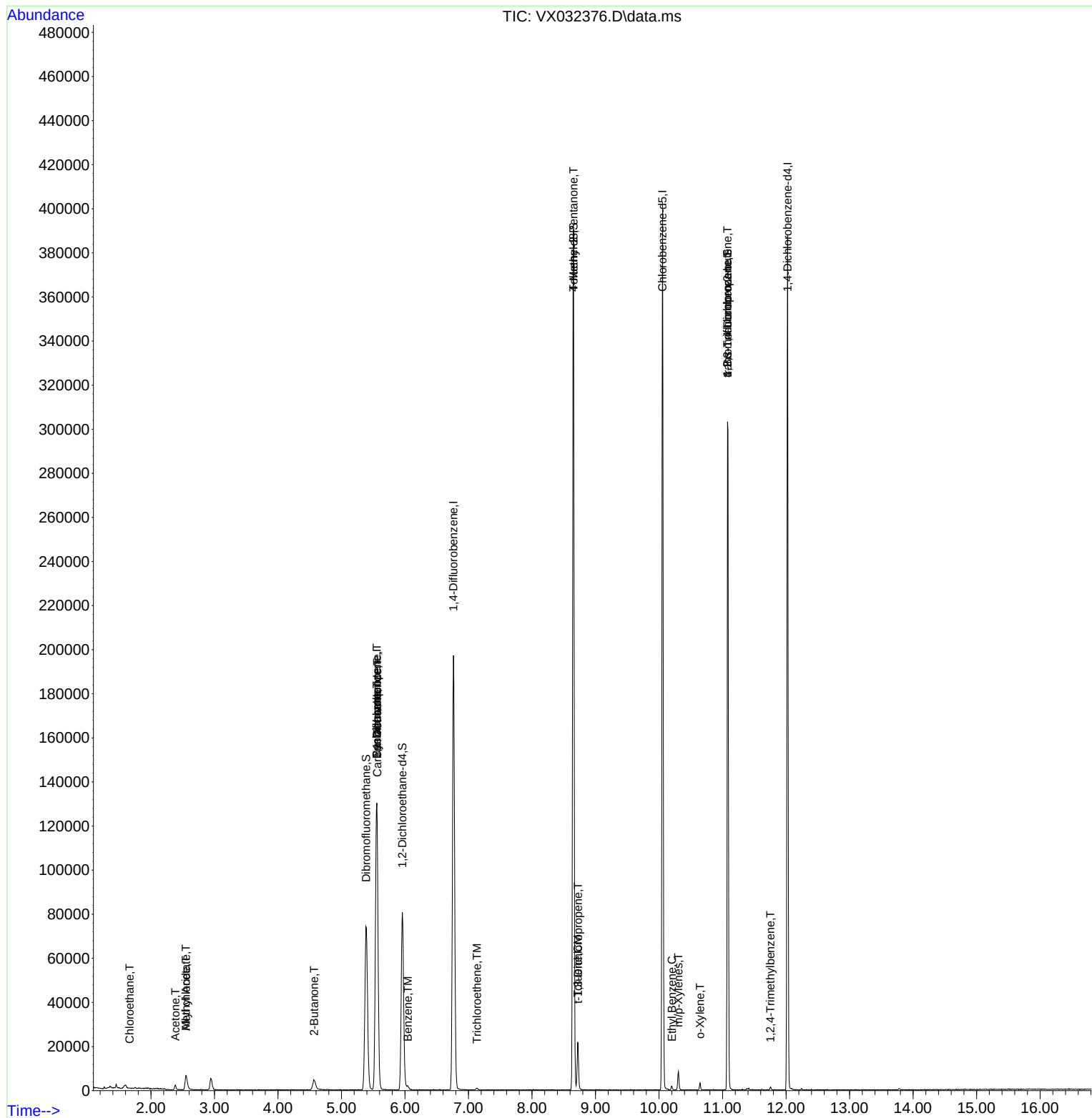
Internal Standards						
1) Pentafluorobenzene	5.556	168	124452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79582	49.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.320%
35) Dibromofluoromethane	5.385	113	63997	46.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.653	98	233564	47.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.660%
62) 4-Bromofluorobenzene	11.079	95	78459	43.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.840%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	135	2.058	ug/l #	41
11) Tert butyl alcohol	2.940	59	3570	Below Cal	#	74
14) Allyl chloride	2.550	41	1067	0.612	ug/l #	73
16) Acetone	2.385	43	2357	4.486	ug/l	89
18) Methyl Acetate	2.550	43	2722	1.526	ug/l #	50
25) 2-Butanone	4.568	43	259	0.316	ug/l #	48
31) Cyclohexane	5.556	56	2667	1.441	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	9565	5.424	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13256	7.121	ug/l #	16
40) Benzene	6.043	78	1743	0.341	ug/l	95
44) Trichloroethene	7.135	130	364	0.259	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	1080	0.636	ug/l #	1
52) Toluene	8.720	92	8045	2.430	ug/l	96
53) t-1,3-Dichloropropene	8.726	75	77	1.856	ug/l #	1
67) Ethyl Benzene	10.201	91	1339	0.215	ug/l #	85
68) m/p-Xylenes	10.305	106	2158	0.877	ug/l	100
69) o-Xylene	10.646	106	674	0.286	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	42625	27.832	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	42625	85.372	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	987	0.213	ug/l	86

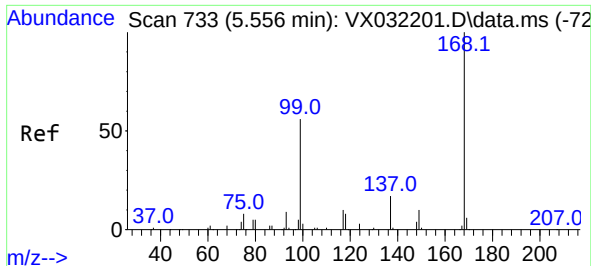
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
Data File : VX032376.D
Acq On : 25 Oct 2022 19:53
Operator : JC/MD
Sample : N5249-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

Quant Time: Oct 27 14:18:53 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

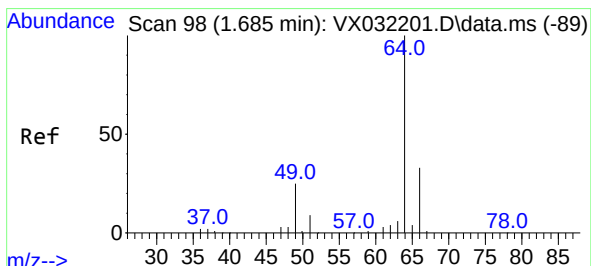
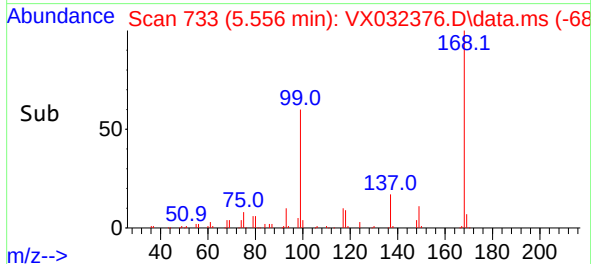
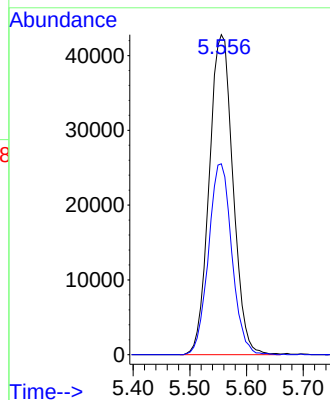
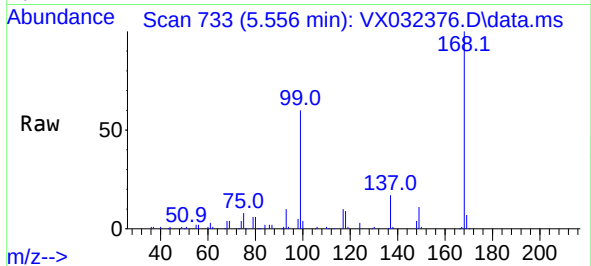




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

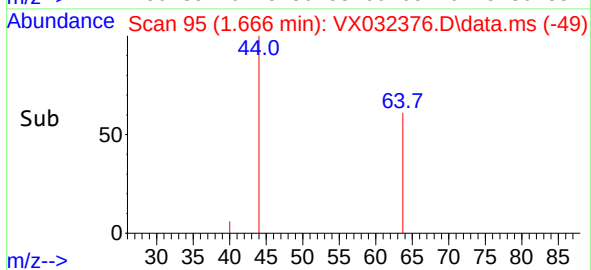
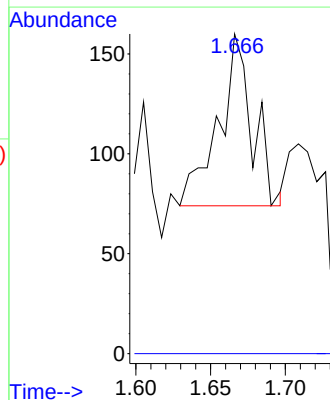
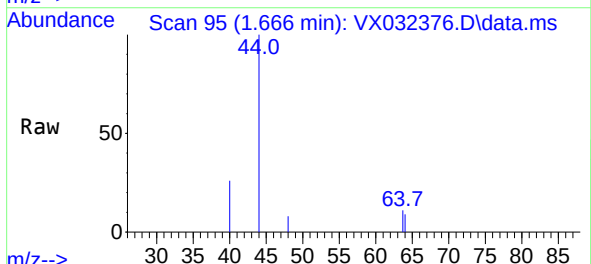
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

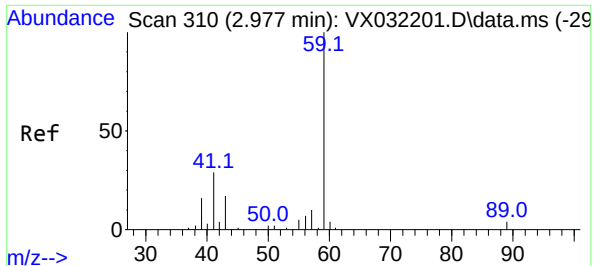
Tgt Ion:168 Resp: 124452
Ion Ratio Lower Upper
168 100
99 59.6 44.8 67.2



#6
Chloroethane
Concen: 2.058 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 64 Resp: 135
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: VX032376.D

Acq: 25 Oct 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

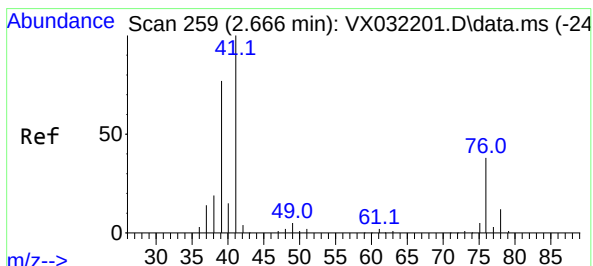
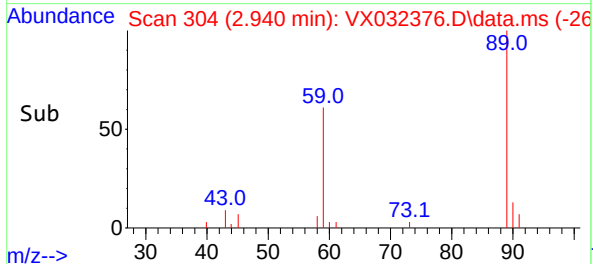
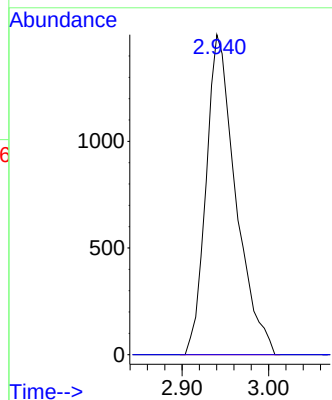
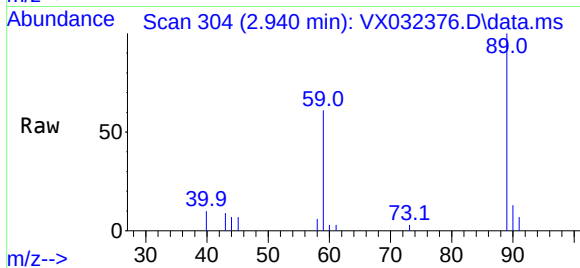
FSND-RB-20221020

Tgt Ion: 59 Resp: 3570

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#14

Allyl chloride

Concen: 0.612 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.116 min

Lab File: VX032376.D

Acq: 25 Oct 2022 19:53

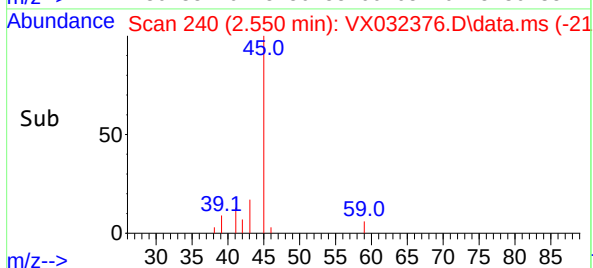
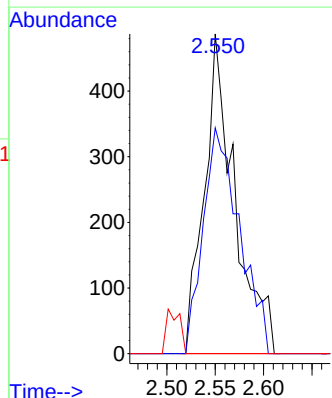
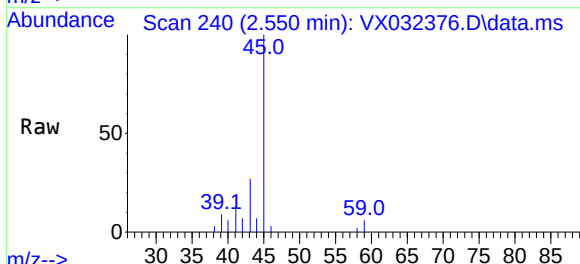
Tgt Ion: 41 Resp: 1067

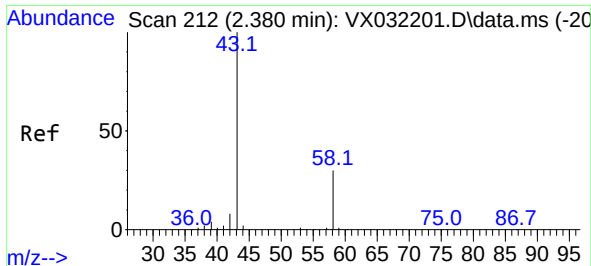
Ion Ratio Lower Upper

41 100

39 84.1 59.5 89.3

76 0.0 28.6 42.8#

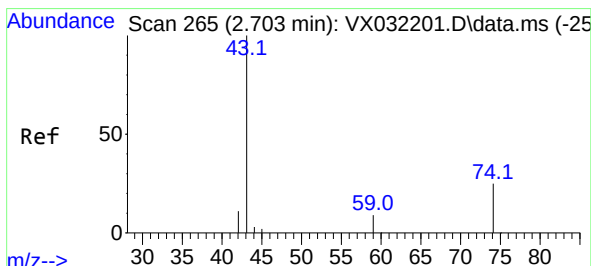
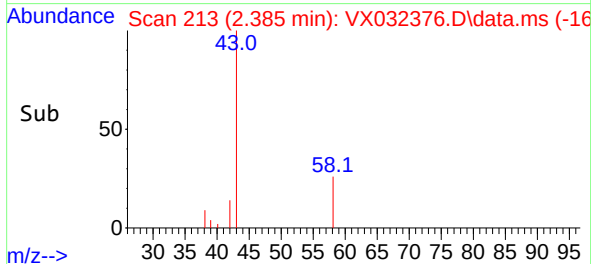
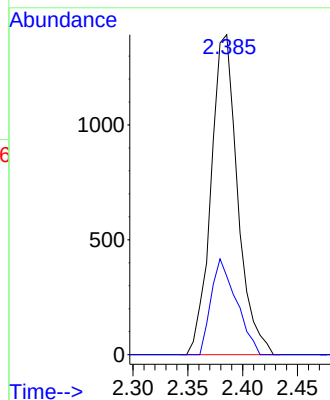
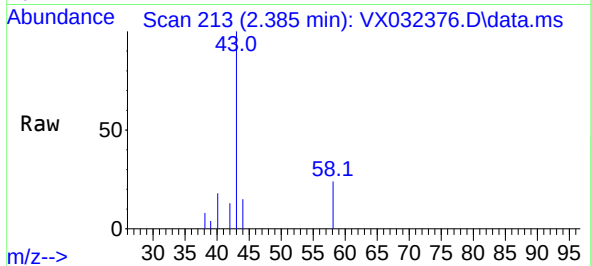




#16
Acetone
Concen: 4.486 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

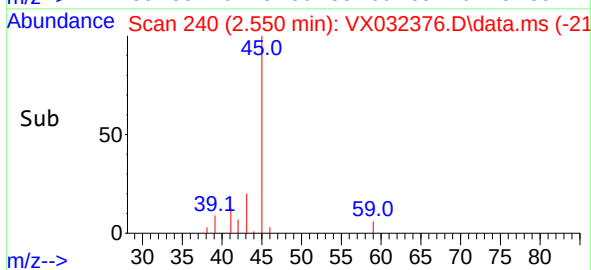
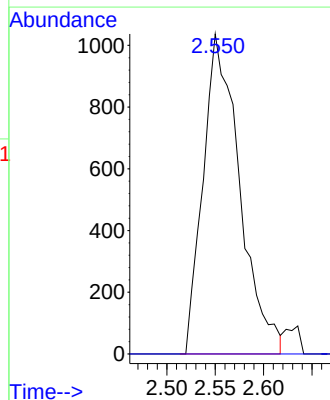
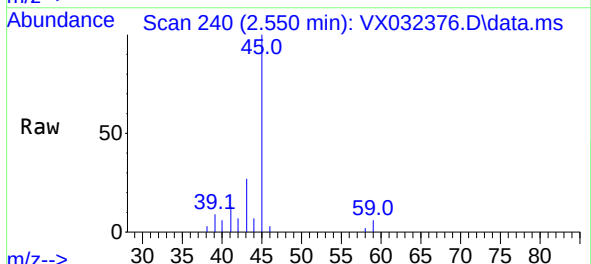
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

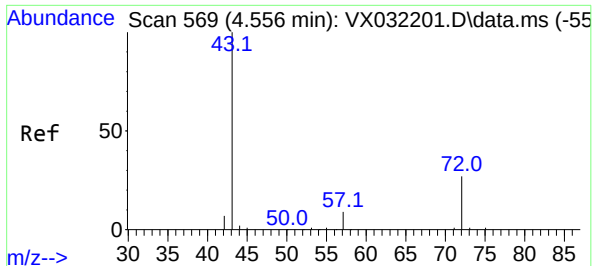
Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
58 24.5 24.2 36.2



#18
Methyl Acetate
Concen: 1.526 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.153 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#

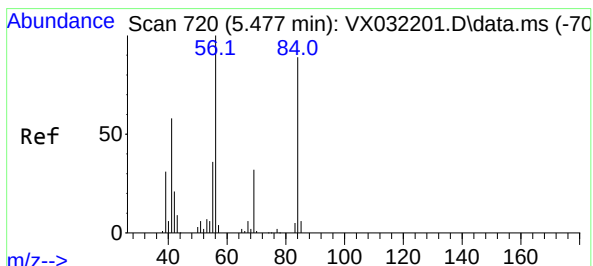
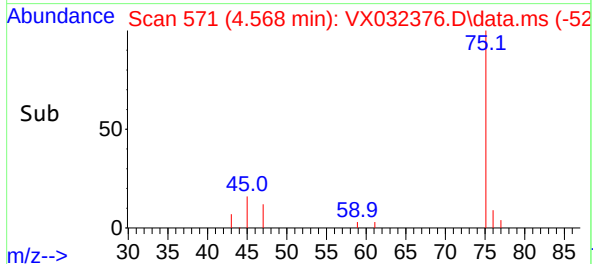
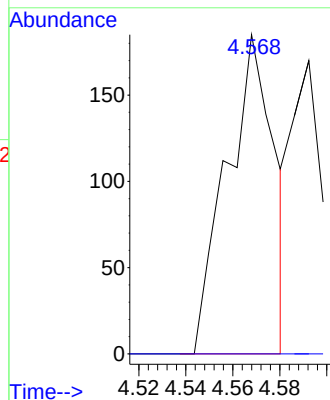
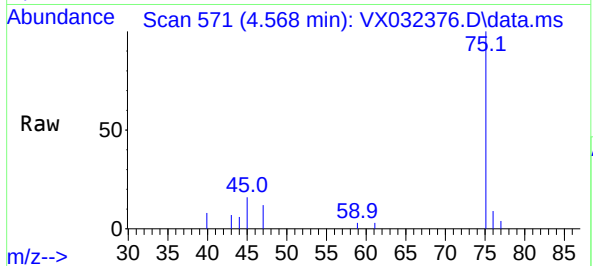




#25
2-Butanone
Concen: 0.316 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

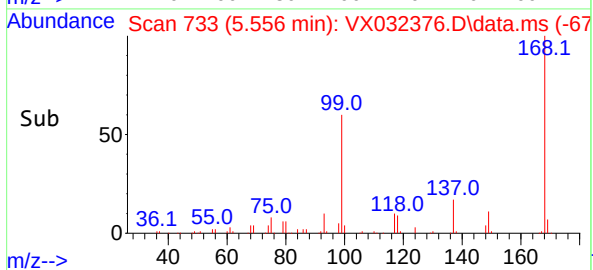
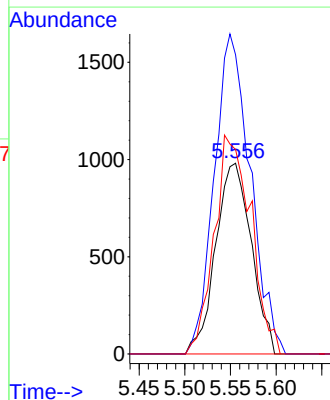
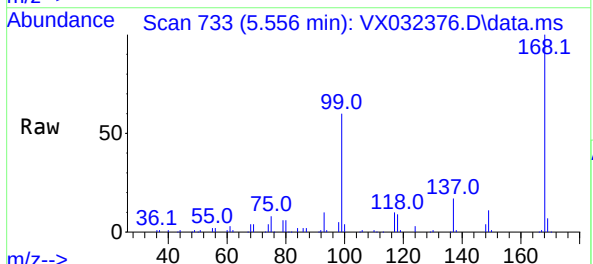
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

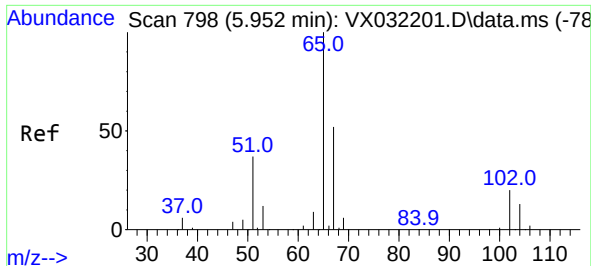
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.441 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
69 156.9 25.4 38.0#
84 107.2 71.2 106.8#

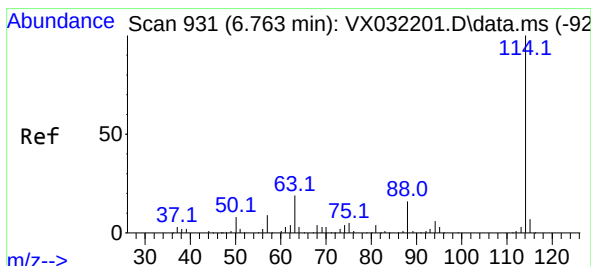
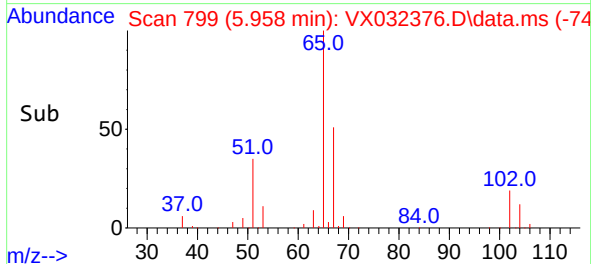
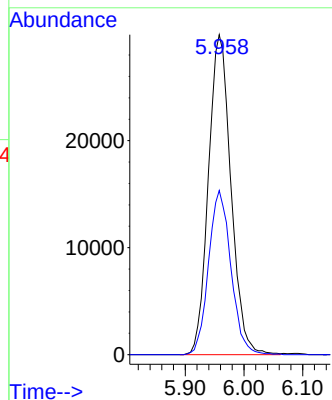
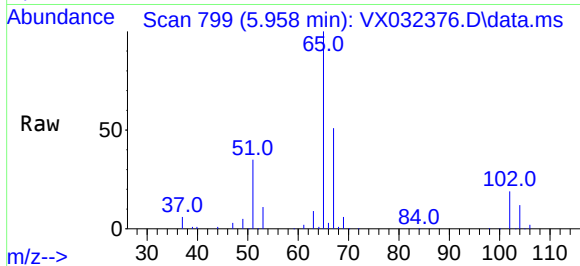




#33
 1,2-Dichloroethane-d4
 Concen: 49.155 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX032376.D
 Acq: 25 Oct 2022 19:53

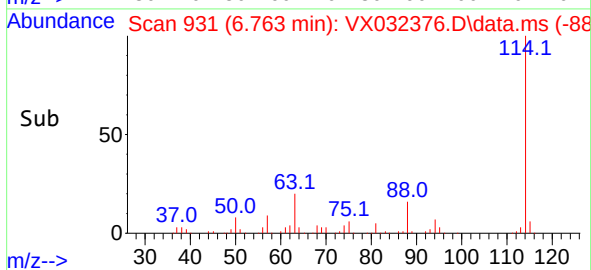
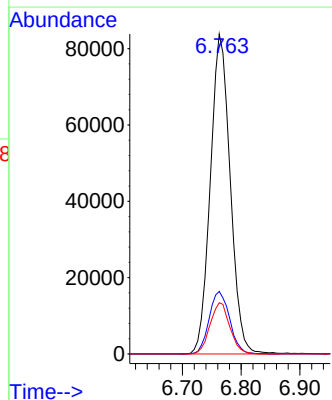
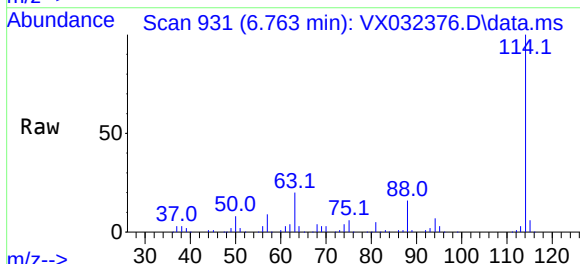
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-20221020

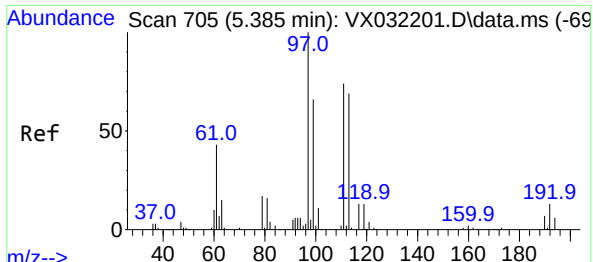
Tgt Ion: 65 Resp: 79582
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032376.D
 Acq: 25 Oct 2022 19:53

Tgt Ion: 114 Resp: 197006
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 16.0 0.0 32.6

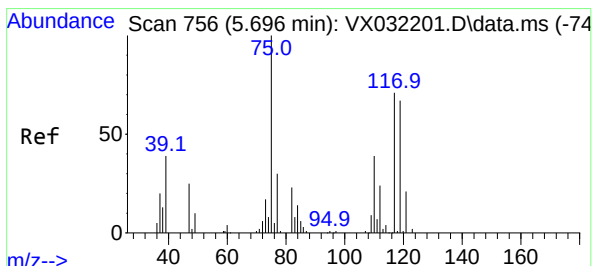
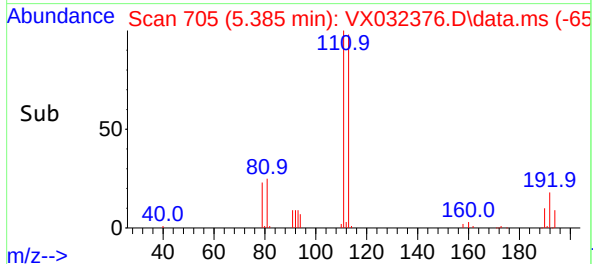
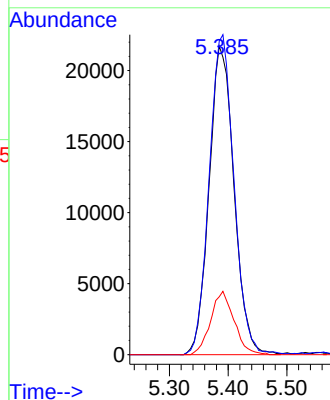
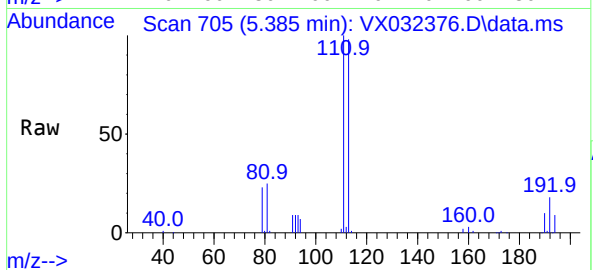




#35
Dibromofluoromethane
Concen: 46.682 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

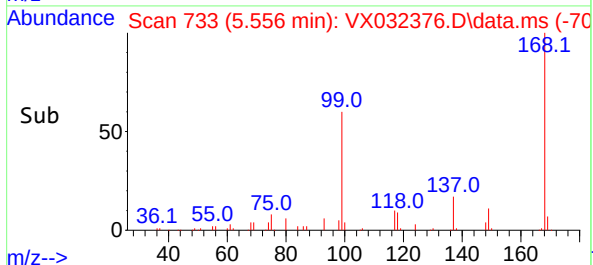
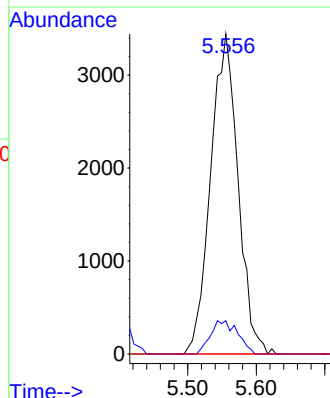
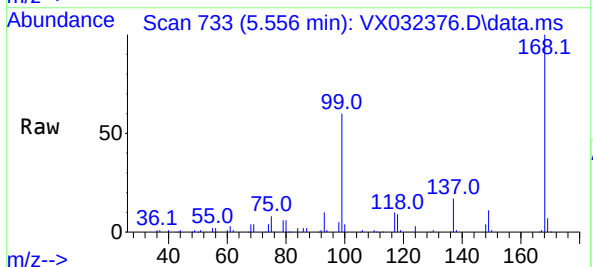
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

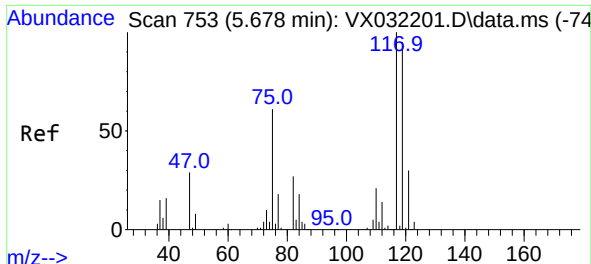
Tgt Ion:113 Resp: 63997
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 19.3 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.424 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

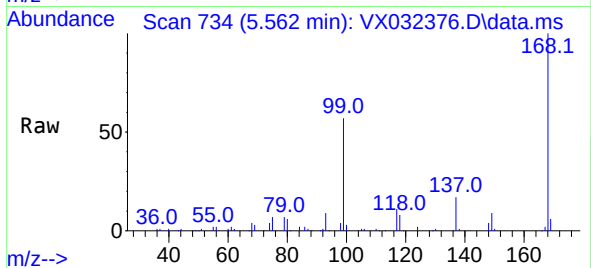
Tgt Ion: 75 Resp: 9565
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.0#
77 0.0 24.7 37.1#



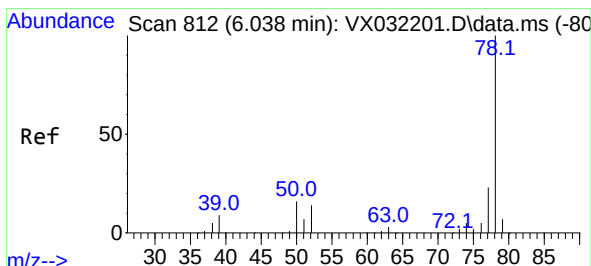
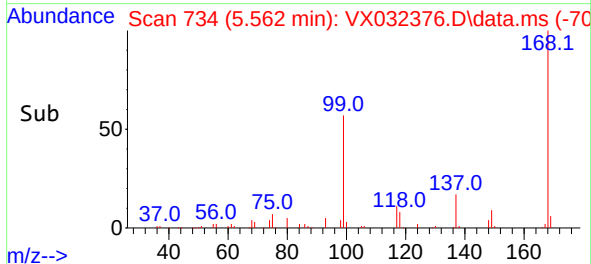
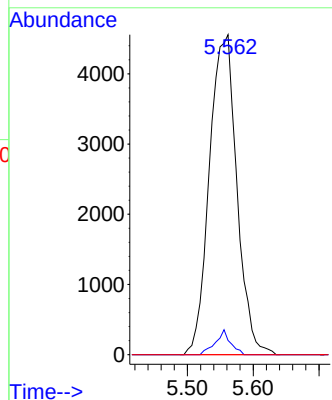


#38
Carbon Tetrachloride
Concen: 7.121 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

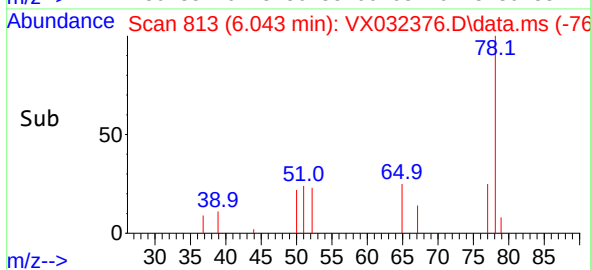
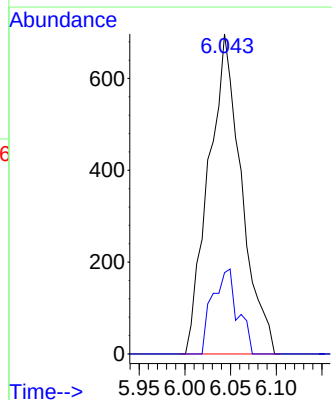
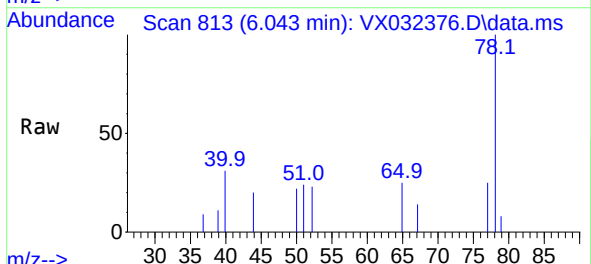


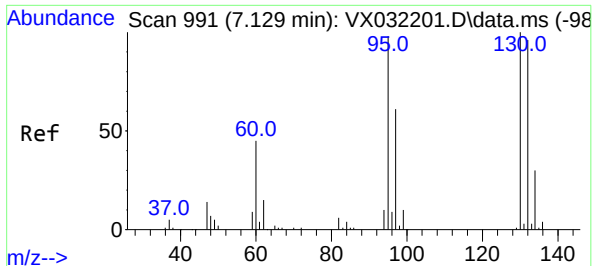
Tgt Ion:117 Resp: 13256
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 23.9 35.9#



#40
Benzene
Concen: 0.341 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.005 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 78 Resp: 1743
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8

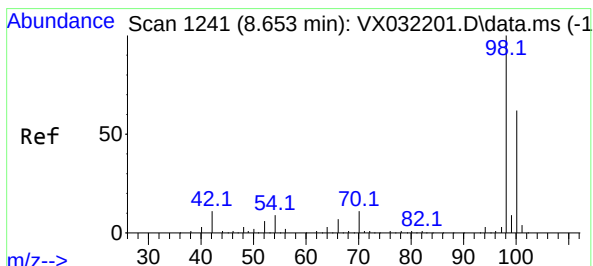
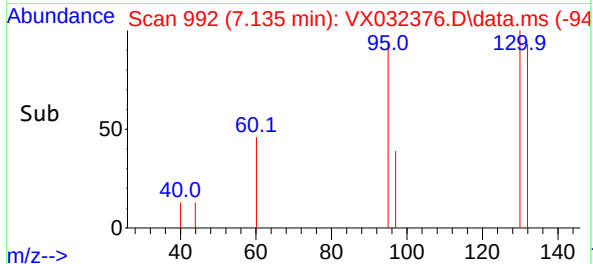
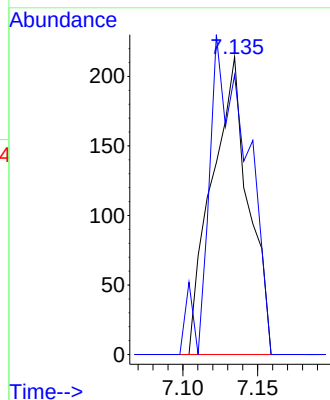
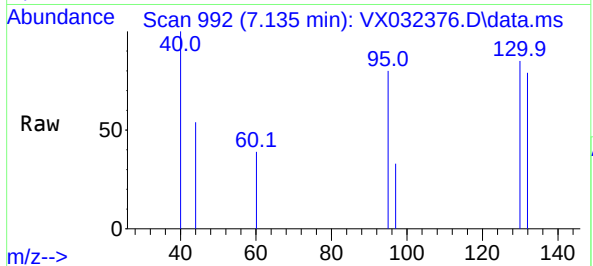




#44
Trichloroethene
Concen: 0.259 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

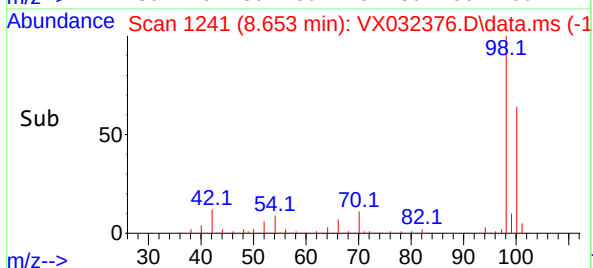
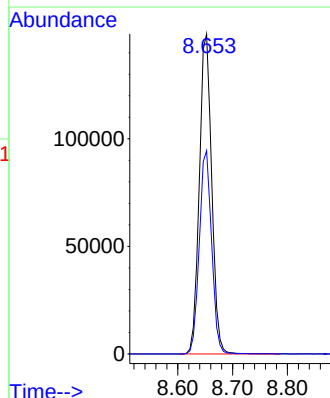
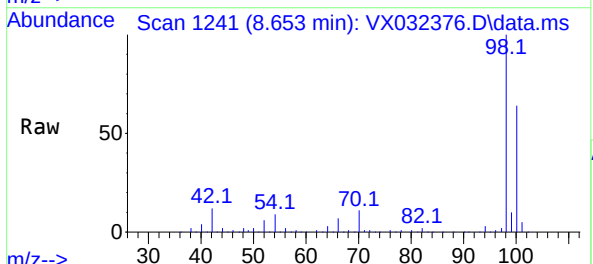
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

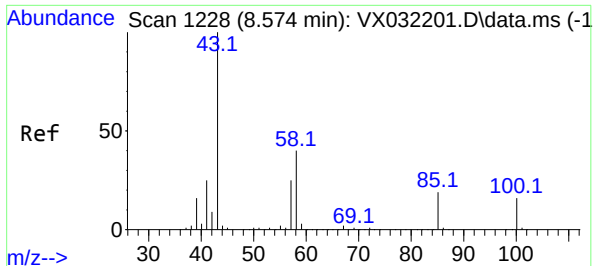
Tgt Ion:130 Resp: 364
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.8



#50
Toluene-d8
Concen: 47.330 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 98 Resp: 233564
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

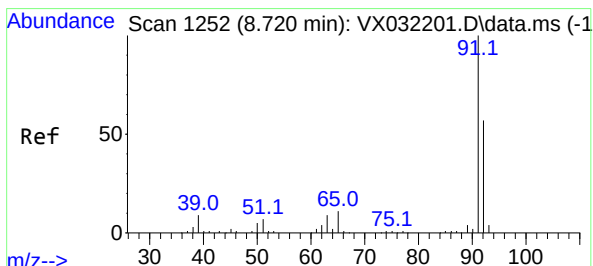
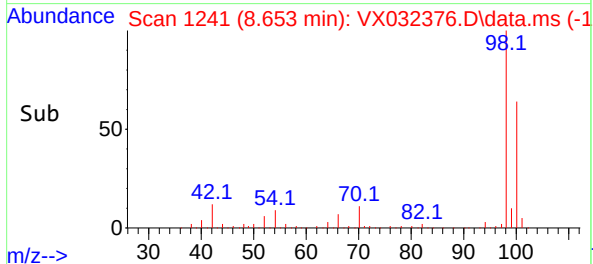
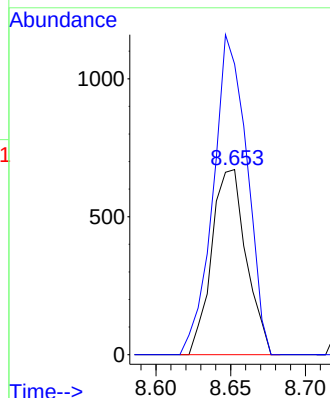
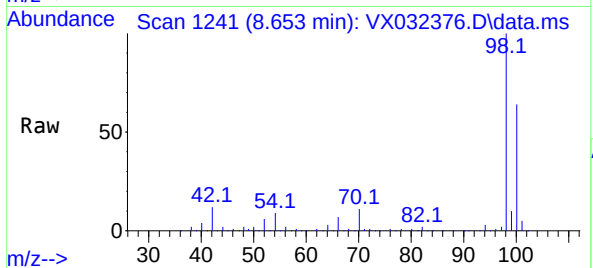




#51
4-Methyl-2-Pentanone
Concen: 0.636 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

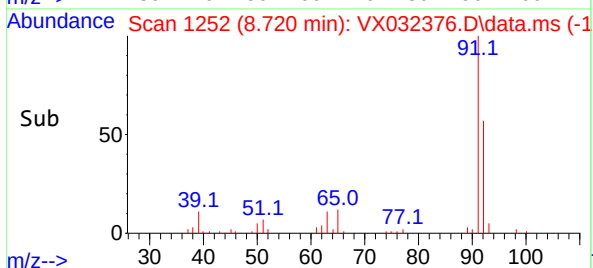
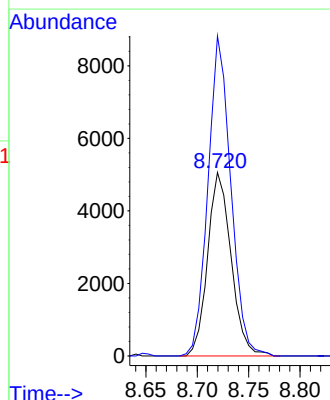
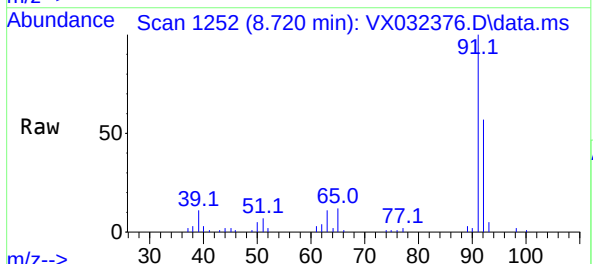
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

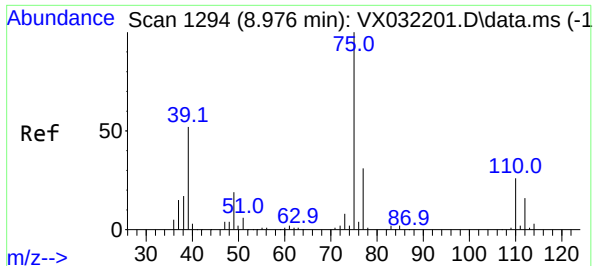
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 168.6 31.0 46.4#



#52
Toluene
Concen: 2.430 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 92 Resp: 8045
Ion Ratio Lower Upper
92 100
91 169.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 1.856 ug/l

RT: 8.726 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX032376.D

Acq: 25 Oct 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

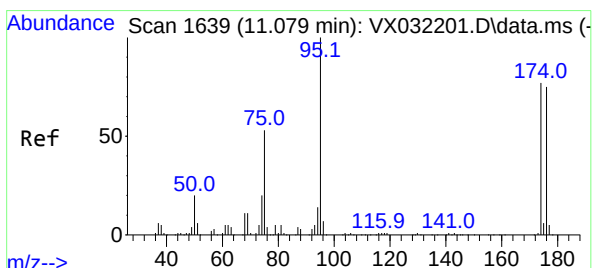
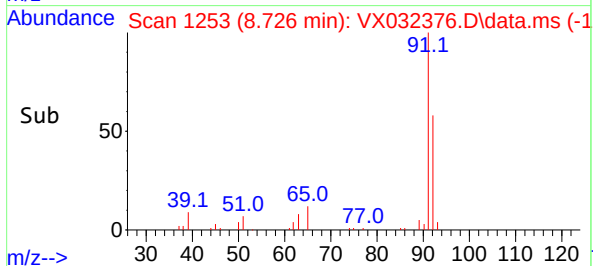
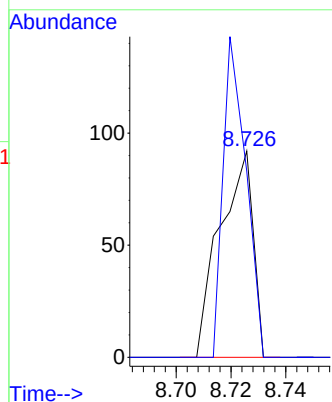
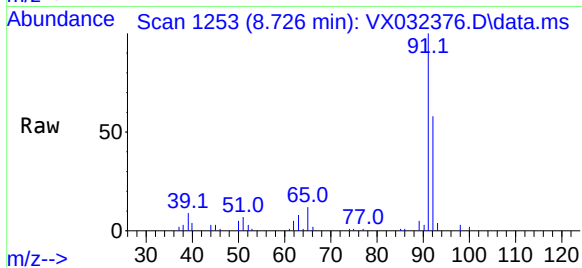
FSND-RB-20221020

Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

77 90.2 25.2 37.8#



#62

4-Bromofluorobenzene

Concen: 43.418 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032376.D

Acq: 25 Oct 2022 19:53

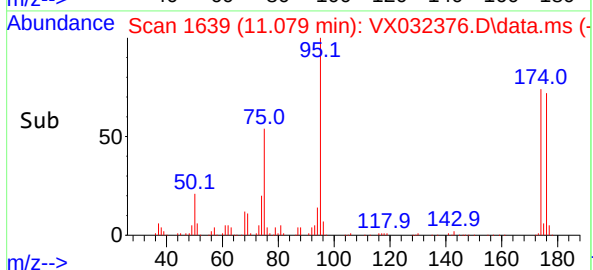
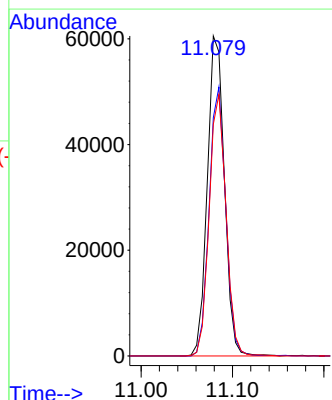
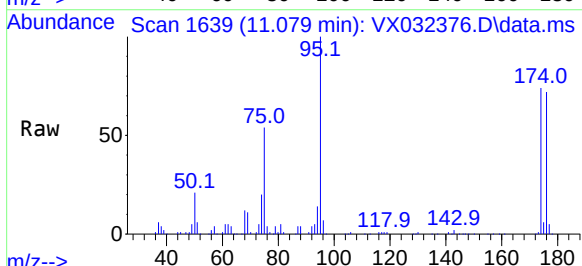
Tgt Ion: 95 Resp: 78459

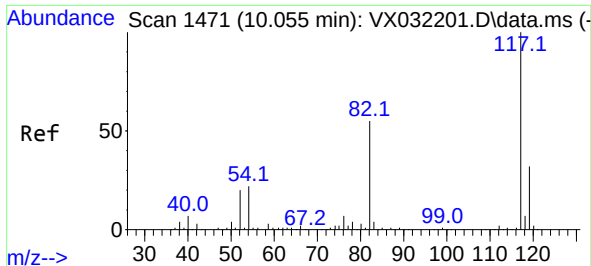
Ion Ratio Lower Upper

95 100

174 81.9 0.0 166.8

176 80.7 0.0 161.4

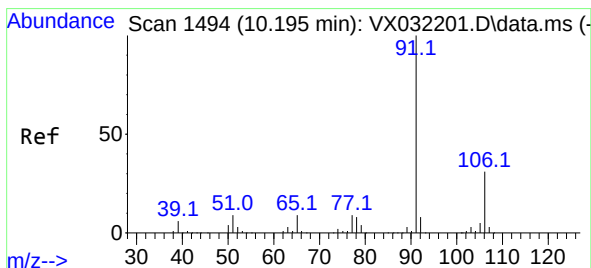
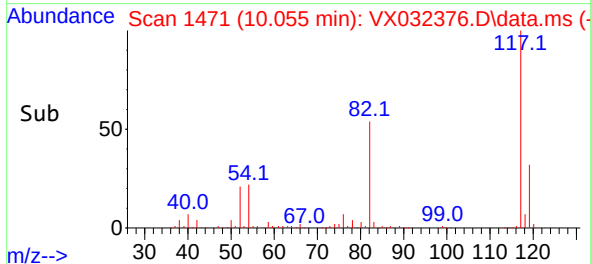
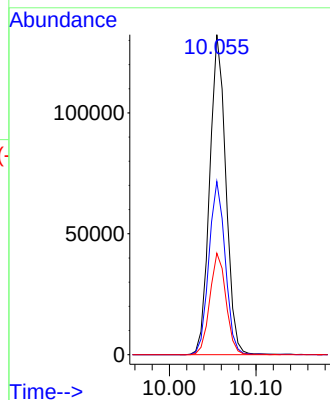
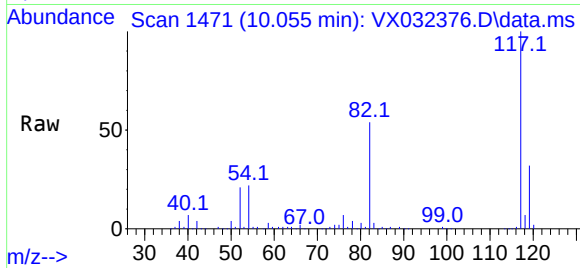




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

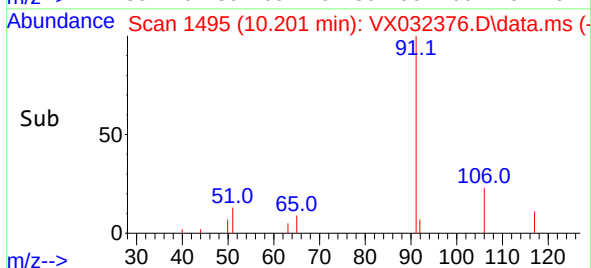
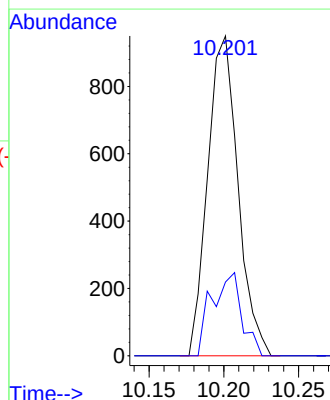
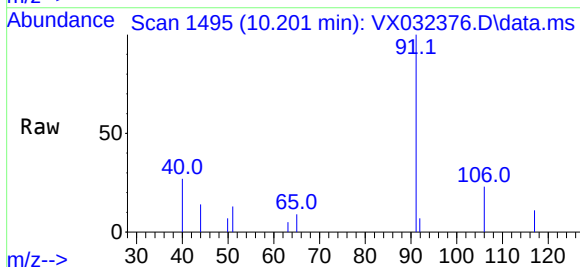
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

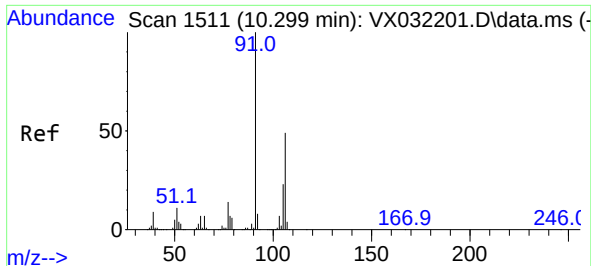
Tgt Ion:117 Resp: 171734
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.4
119 31.7 25.8 38.8



#67
Ethyl Benzene
Concen: 0.215 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 91 Resp: 1339
Ion Ratio Lower Upper
91 100
106 23.1 25.0 37.4#

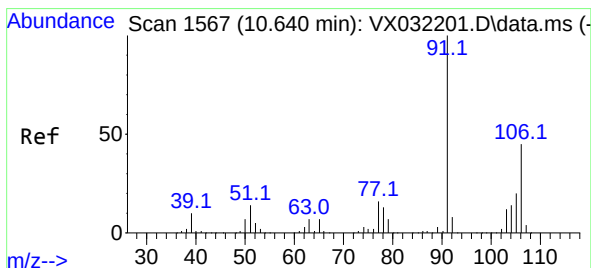
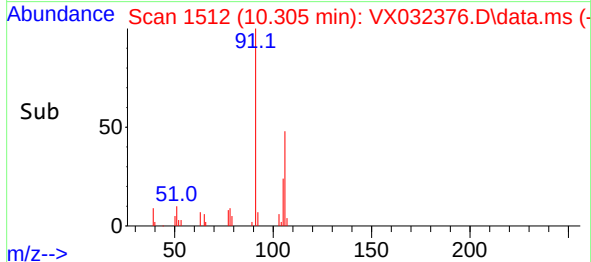
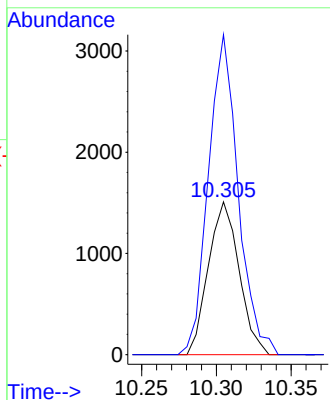
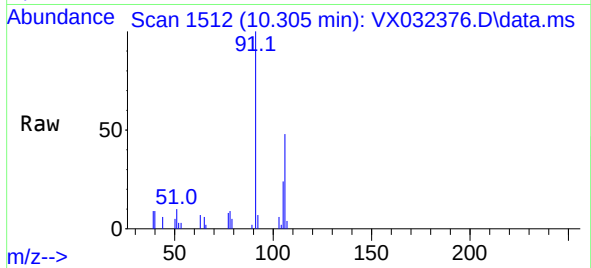




#68
m/p-Xylenes
Concen: 0.877 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

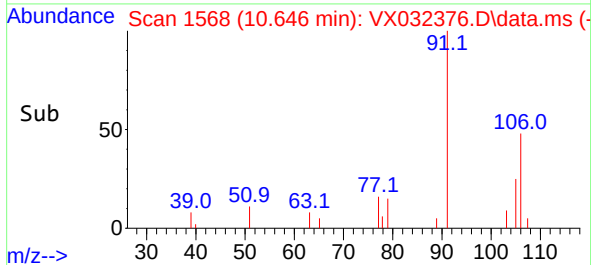
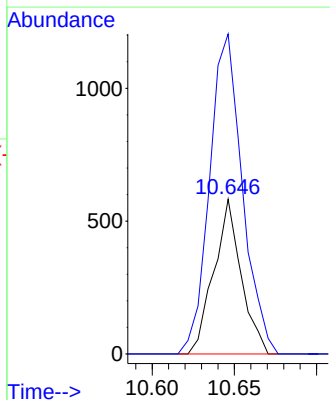
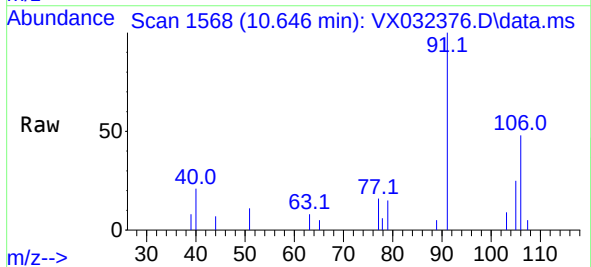
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

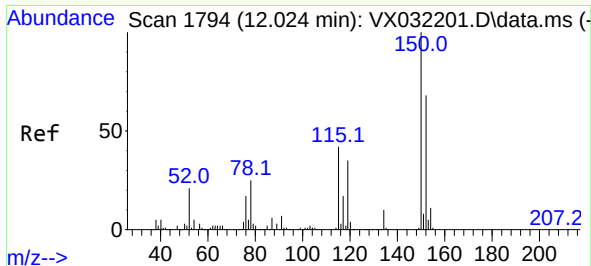
Tgt Ion:106 Resp: 2158
Ion Ratio Lower Upper
106 100
91 202.7 162.6 244.0



#69
o-Xylene
Concen: 0.286 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion:106 Resp: 674
Ion Ratio Lower Upper
106 100
91 247.9 108.3 324.9

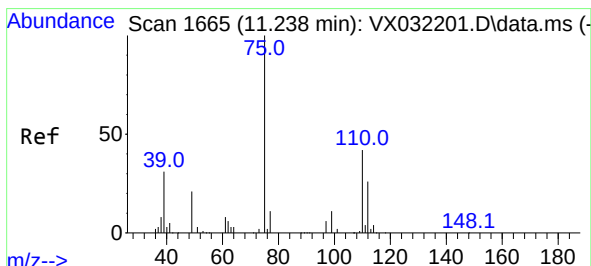
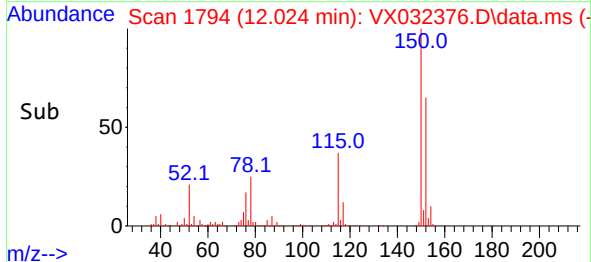
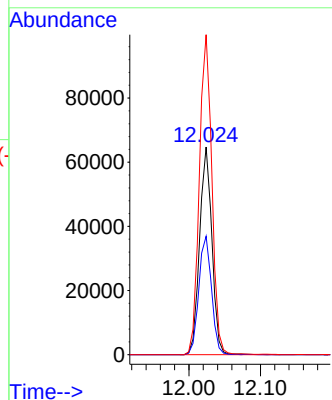
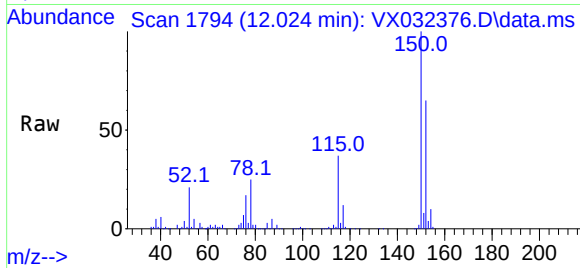




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

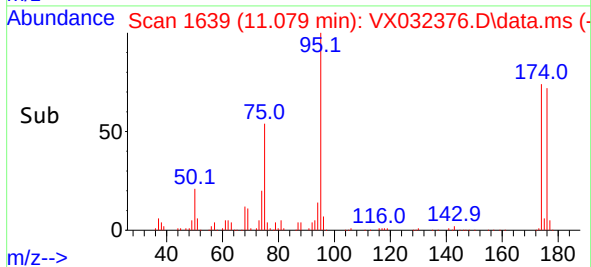
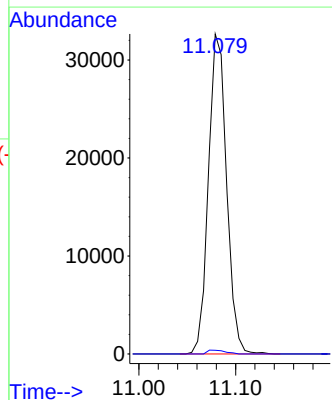
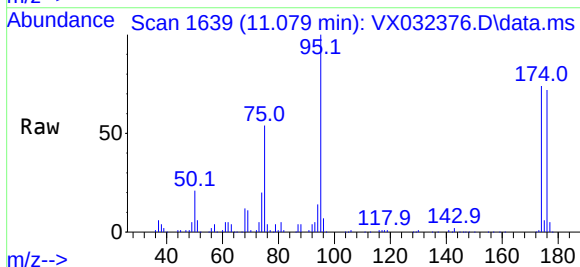
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

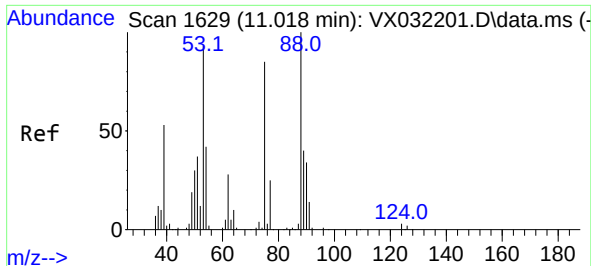
Tgt Ion:152 Resp: 77293
Ion Ratio Lower Upper
152 100
115 58.8 43.1 129.4
150 156.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 75 Resp: 42625
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#

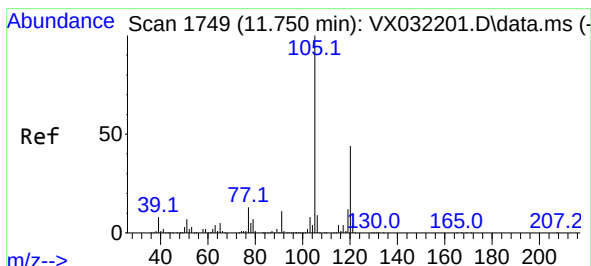
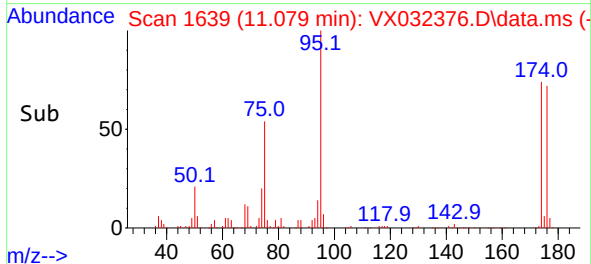
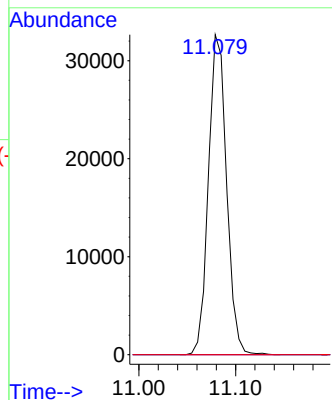
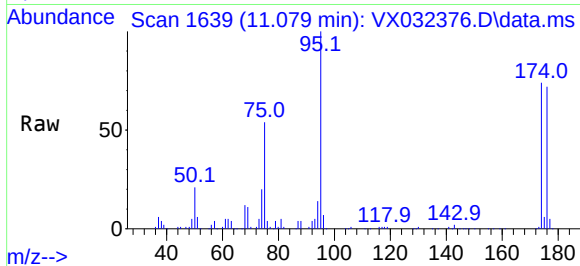




#81
trans-1,4-Dichloro-2-butene
Concen: 85.372 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221020

Tgt Ion: 75 Resp: 42625
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.213 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032376.D
Acq: 25 Oct 2022 19:53

Tgt Ion: 105 Resp: 987
Ion Ratio Lower Upper
105 100
120 35.2 22.1 66.1

