

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032372.D
 Acq On : 25 Oct 2022 18:19
 Operator : JC/MD
 Sample : N5249-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-20221019

Quant Time: Oct 27 14:18:21 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)

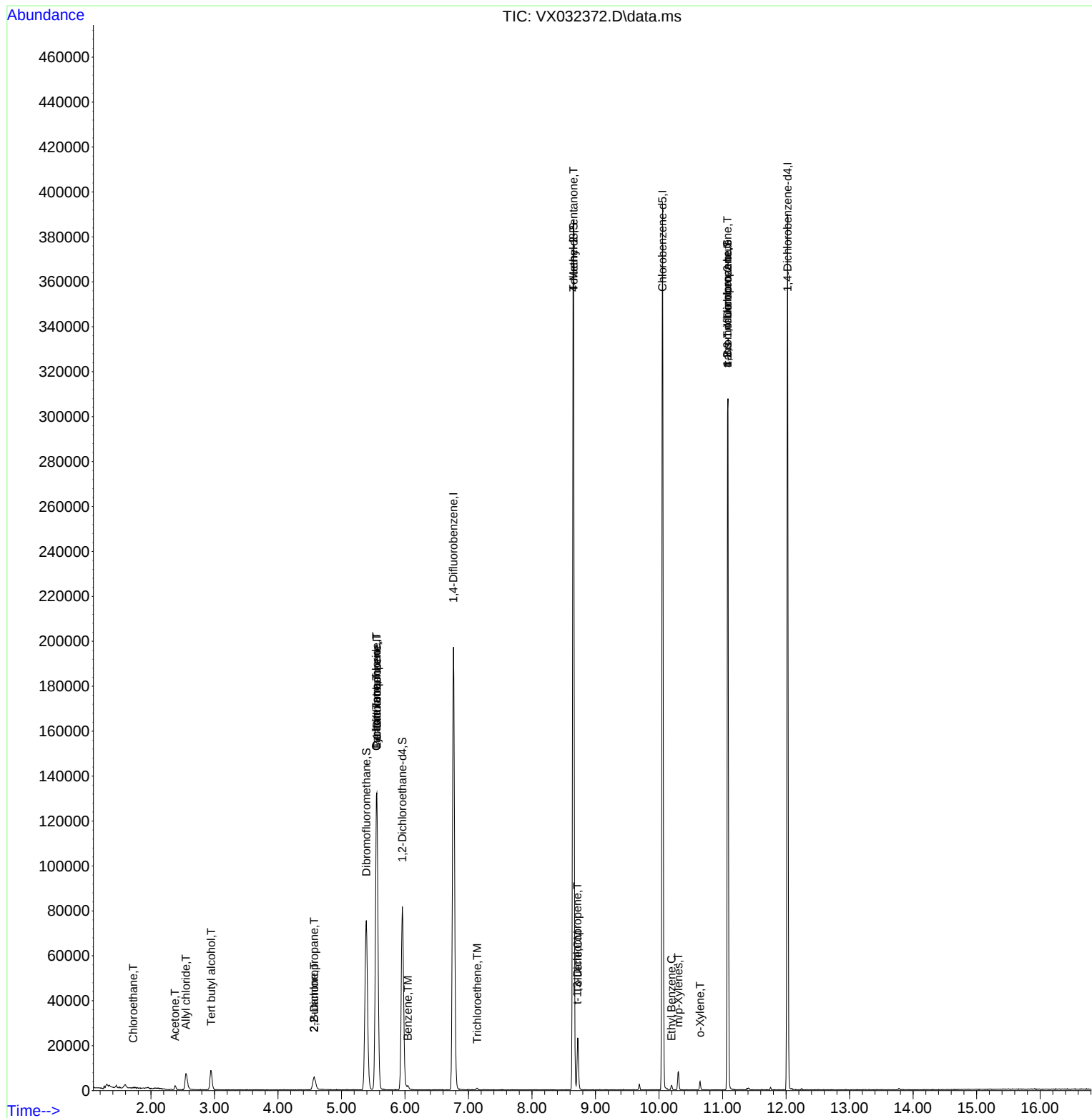
Internal Standards						
1) Pentafluorobenzene	5.556	168	124378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79505	49.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.391	113	63985	46.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.653	98	232543	46.612	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.220%		
62) 4-Bromofluorobenzene	11.079	95	77626	42.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	22	Below Cal	#	44
6) Chloroethane	1.721	64	129	2.054	ug/l #	41
11) Tert butyl alcohol	2.946	59	5626	1.757	ug/l #	77
14) Allyl chloride	2.550	41	1052	0.603	ug/l #	56
16) Acetone	2.380	43	2057	3.917	ug/l	97
25) 2-Butanone	4.568	43	530	0.646	ug/l #	48
26) 2,2-Dichloropropane	4.568	77	373	0.235	ug/l #	52
31) Cyclohexane	5.550	56	2840	1.535	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	9930	5.570	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12765	6.783	ug/l #	16
40) Benzene	6.043	78	1850	0.358	ug/l	99
44) Trichloroethene	7.135	130	352	0.247	ug/l	77
51) 4-Methyl-2-Pentanone	8.653	43	1039	0.605	ug/l #	1
52) Toluene	8.720	92	8502	2.540	ug/l	98
53) t-1,3-Dichloropropene	8.714	75	19	1.828	ug/l #	1
67) Ethyl Benzene	10.195	91	1502	0.244	ug/l #	82
68) m/p-Xylenes	10.305	106	2104	0.867	ug/l	97
69) o-Xylene	10.646	106	827	0.356	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	42134	27.527	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	42134	84.467	ug/l #	6

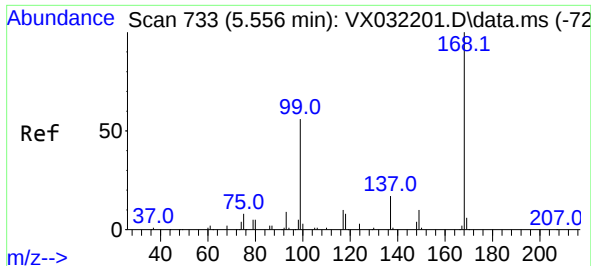
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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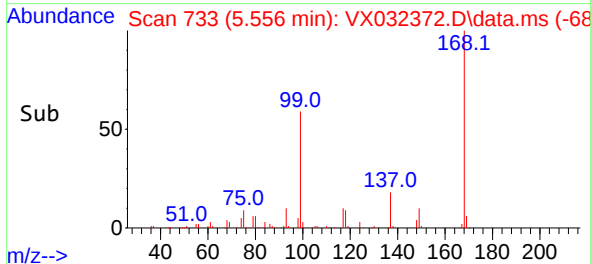
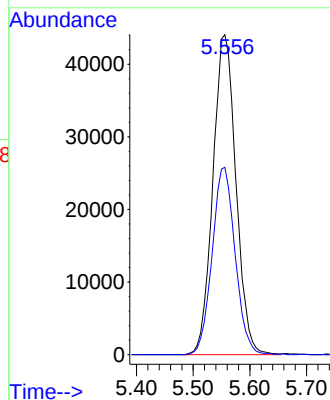
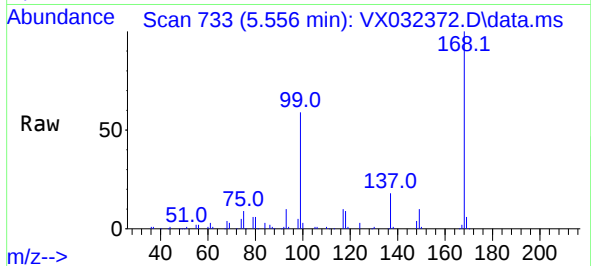




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

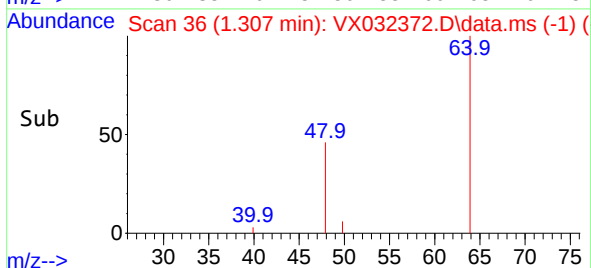
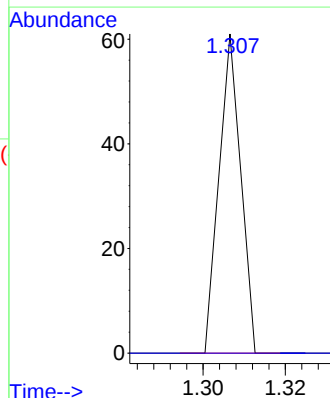
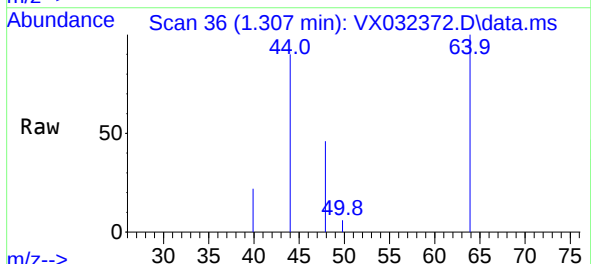
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

Tgt Ion:168 Resp: 124378
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2

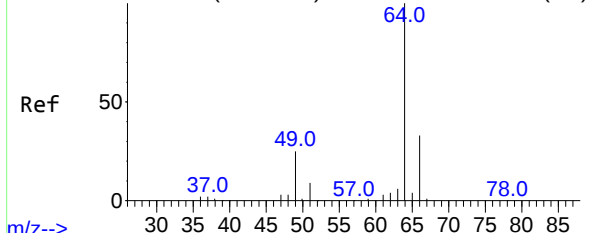


#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 50 Resp: 22
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



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

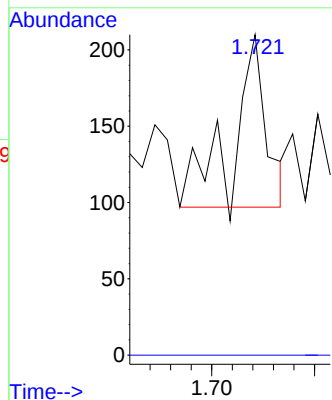
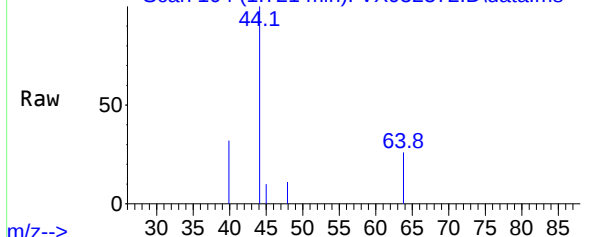


#6
Chloroethane
Concen: 2.054 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

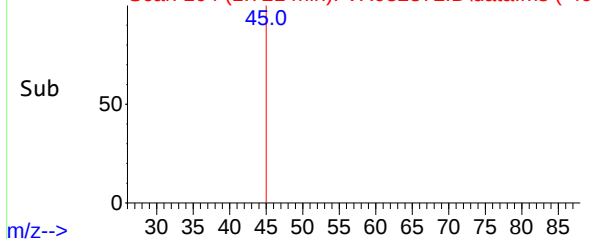
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

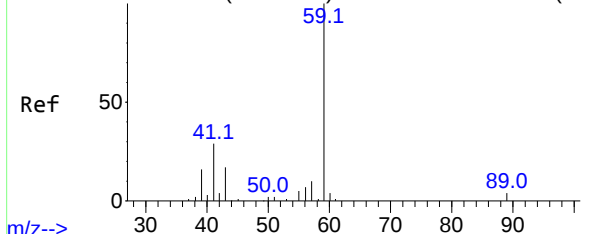
Abundance Scan 104 (1.721 min): VX032372.D\data.ms



Abundance Scan 104 (1.721 min): VX032372.D\data.ms (-49)



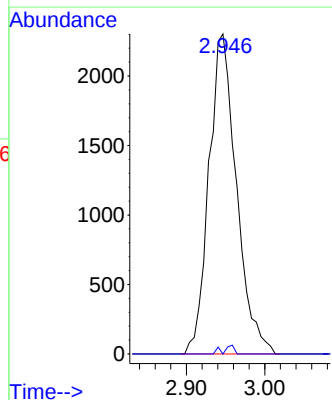
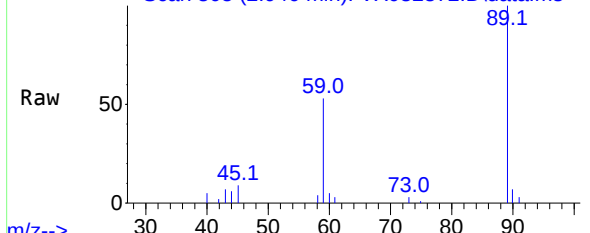
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



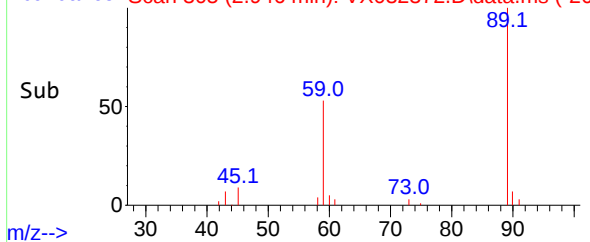
#11
Tert butyl alcohol
Concen: 1.757 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

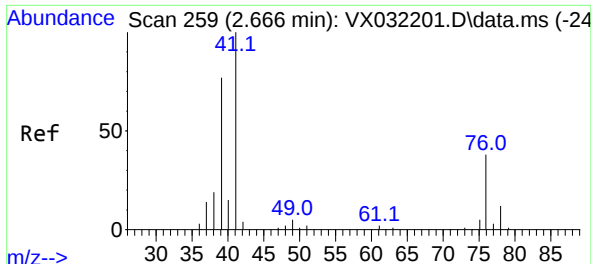
Tgt Ion: 59 Resp: 5626
Ion Ratio Lower Upper
59 100
57 1.1 7.5 11.3#

Abundance Scan 305 (2.946 min): VX032372.D\data.ms



Abundance Scan 305 (2.946 min): VX032372.D\data.ms (-26)

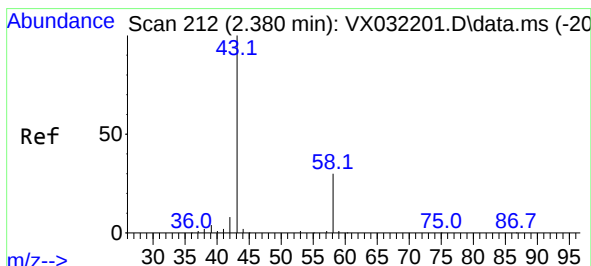
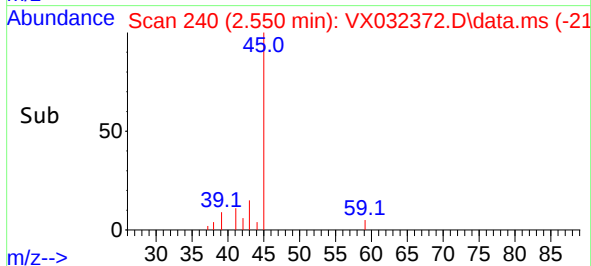
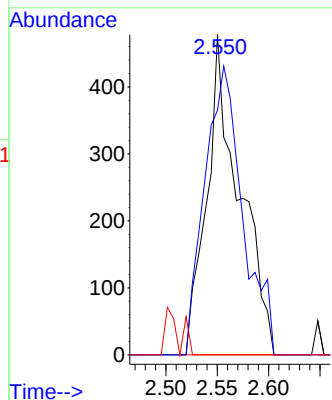
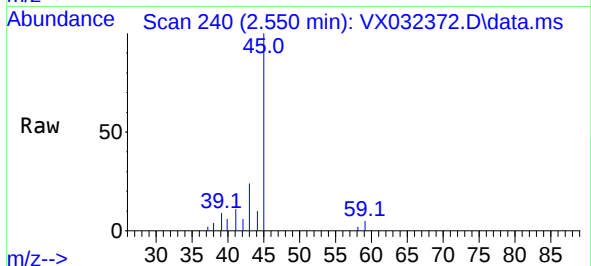




#14
 Allyl chloride
 Concen: 0.603 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.116 min
 Lab File: VX032372.D
 Acq: 25 Oct 2022 18:19

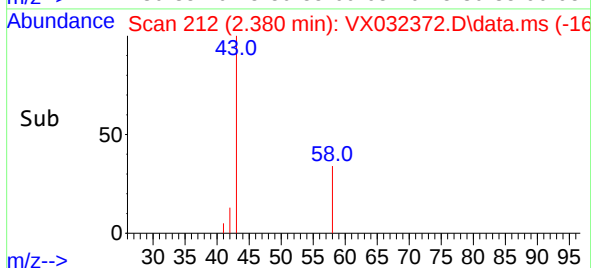
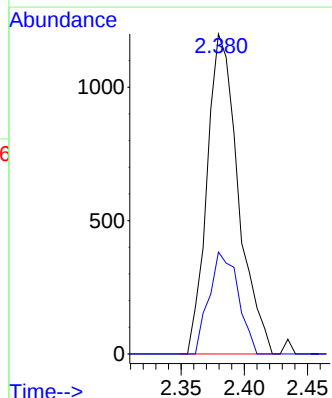
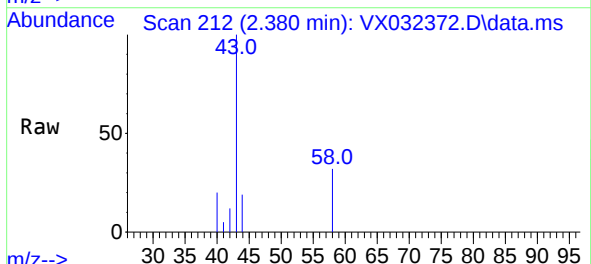
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-20221019

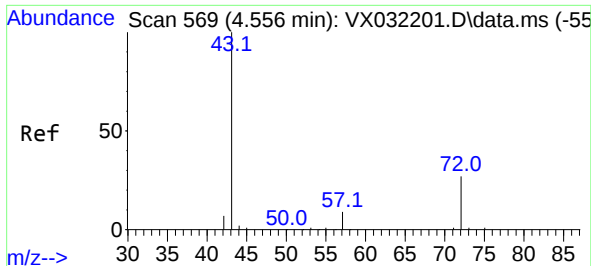
Tgt Ion:	41	Resp:	1052
Ion	Ratio	Lower	Upper
41	100		
39	105.0	59.5	89.3#
76	0.0	28.6	42.8#



#16
 Acetone
 Concen: 3.917 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX032372.D
 Acq: 25 Oct 2022 18:19

Tgt Ion:	43	Resp:	2057
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.2	36.2





#25

2-Butanone

Concen: 0.646 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX032372.D

Acq: 25 Oct 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

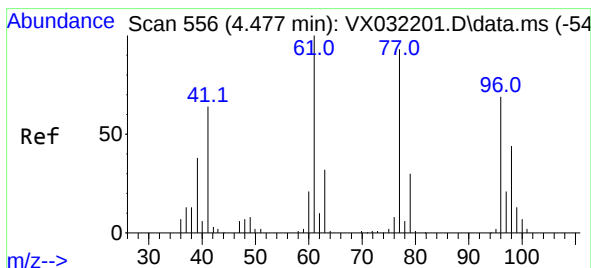
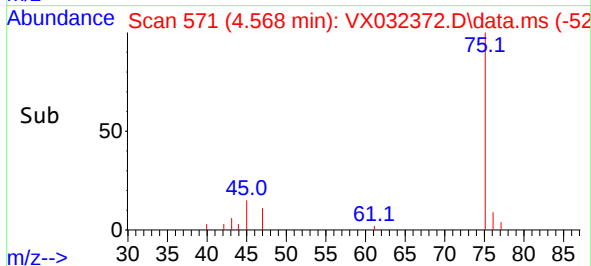
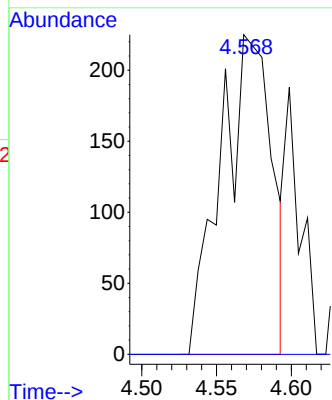
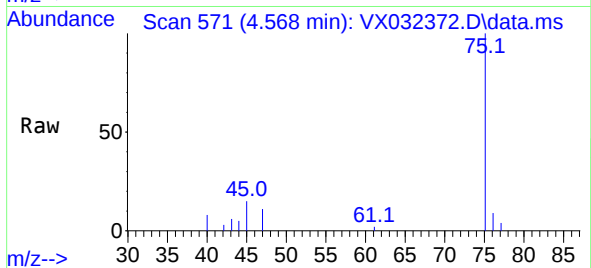
FSND-RB-20221019

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.235 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.091 min

Lab File: VX032372.D

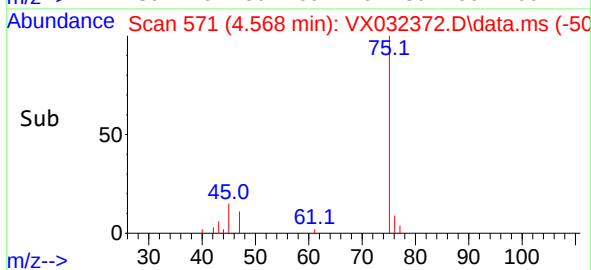
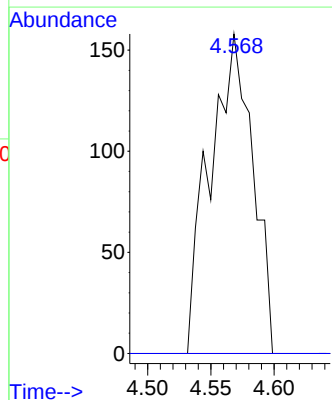
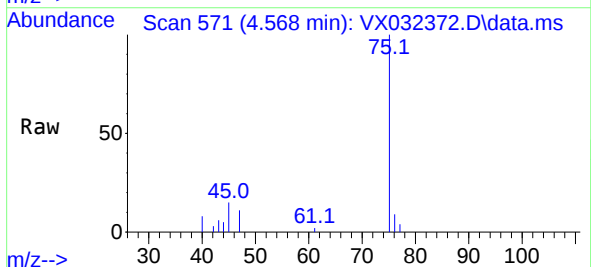
Acq: 25 Oct 2022 18:19

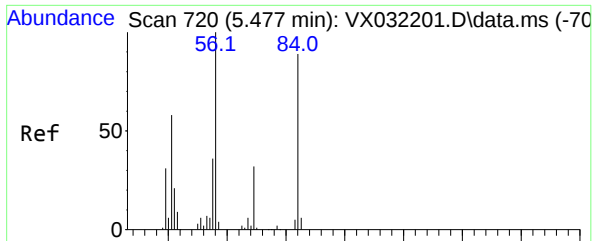
Tgt Ion: 77 Resp: 373

Ion Ratio Lower Upper

77 100

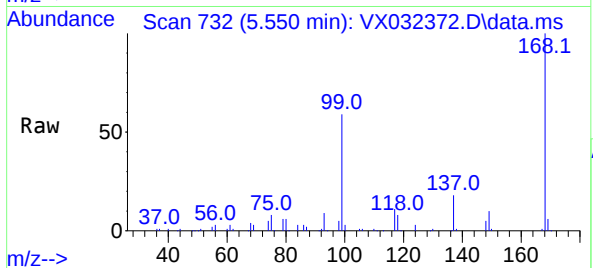
97 0.0 11.8 35.3#



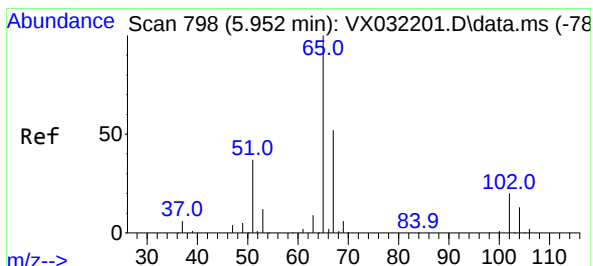
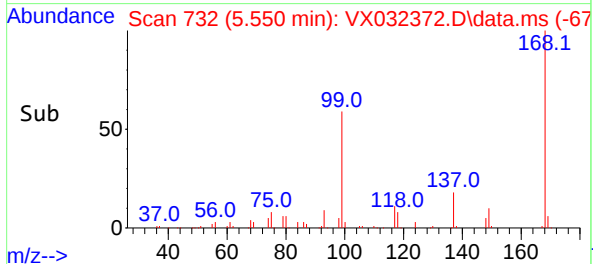
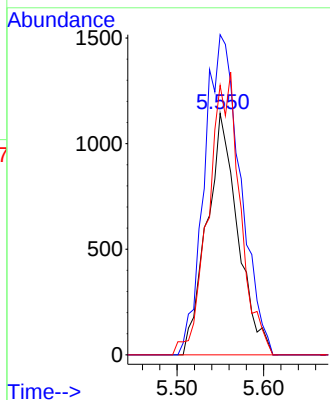


#31
Cyclohexane
Concen: 1.535 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

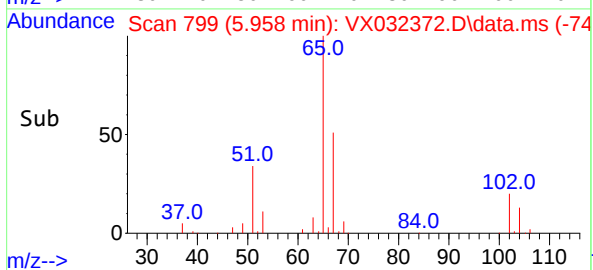
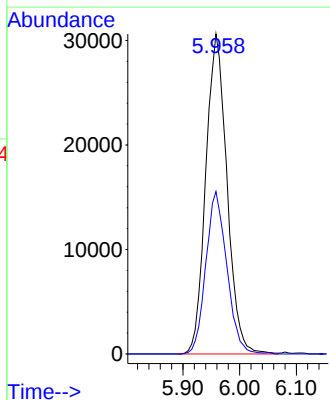
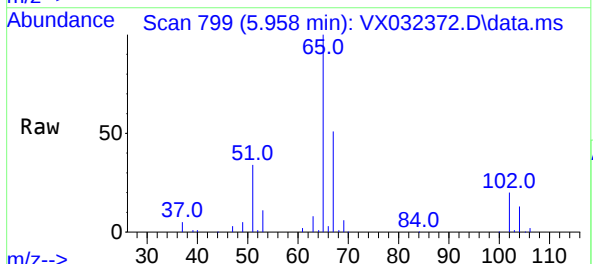


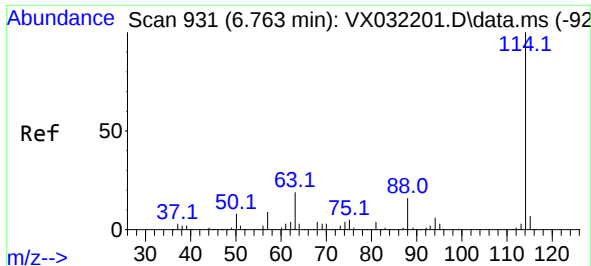
Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 132.6 25.4 38.0#
84 111.6 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 49.137 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 65 Resp: 79505
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.6

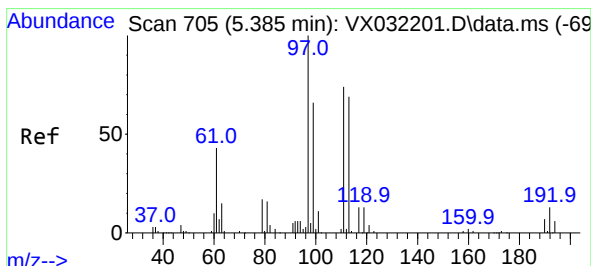
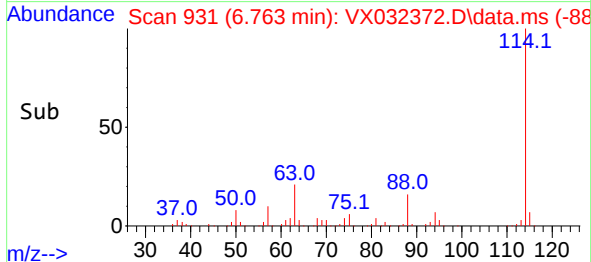
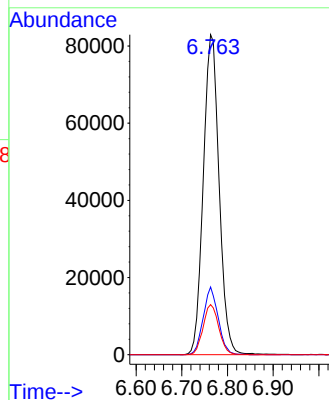
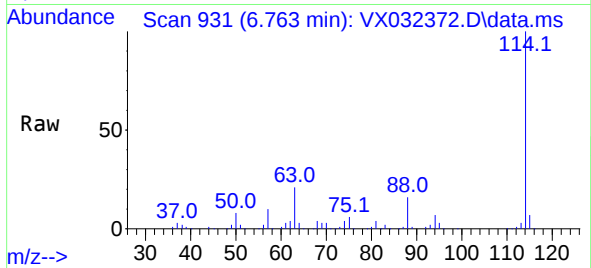




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

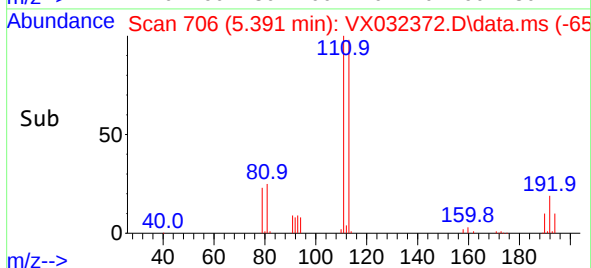
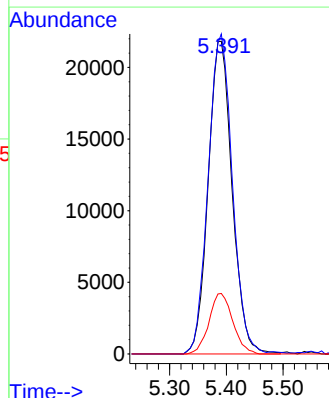
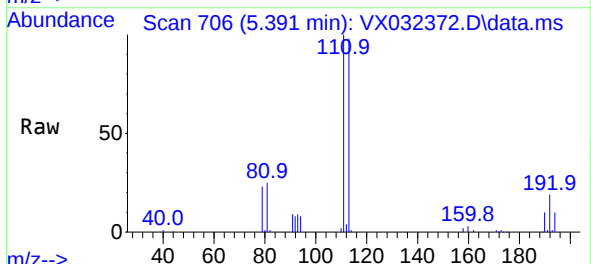
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

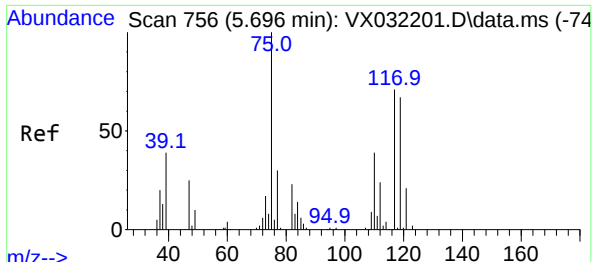
Tgt Ion:114 Resp: 199164
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.168 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion:113 Resp: 63985
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 19.2 15.5 23.3

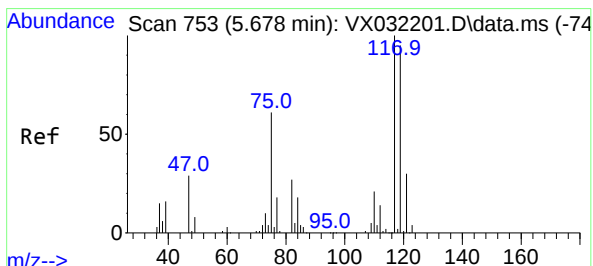
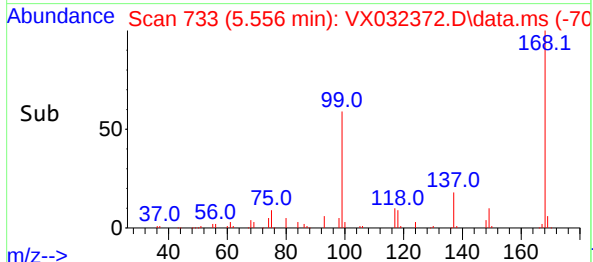
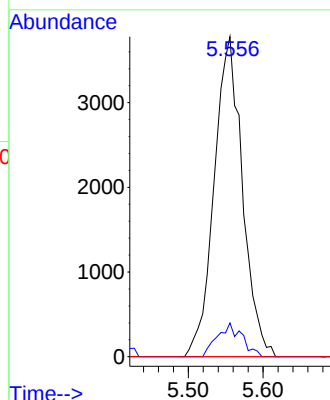
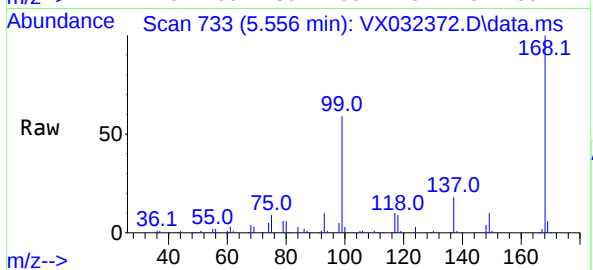




#36
1,1-Dichloropropene
Concen: 5.570 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

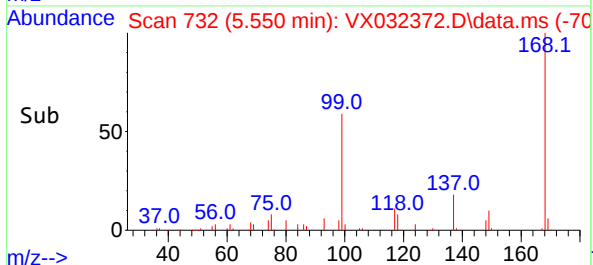
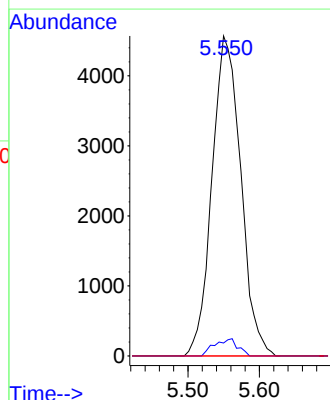
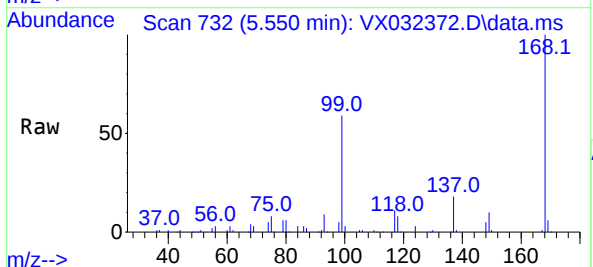
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FSND-RB-20221019

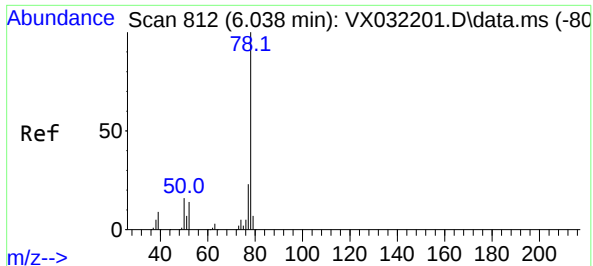
Tgt Ion: 75 Resp: 9930
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 117 Resp: 12765
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 23.9 35.9#

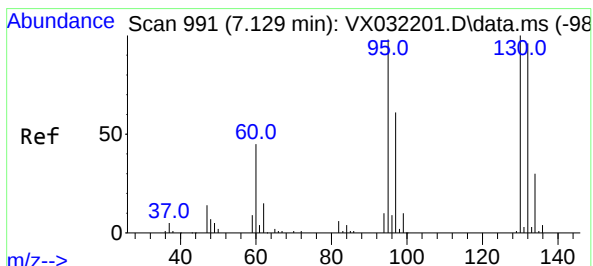
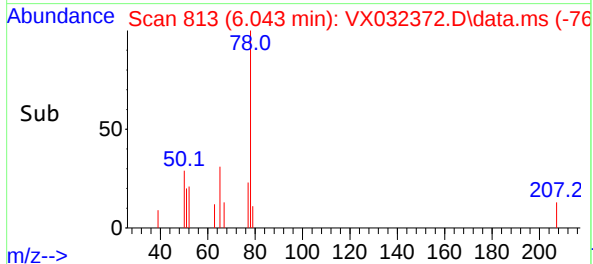
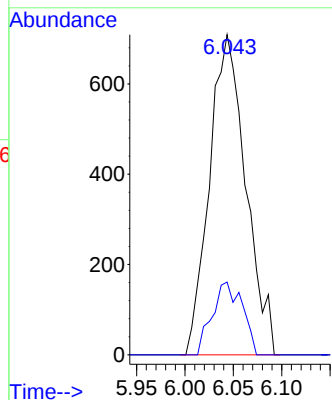
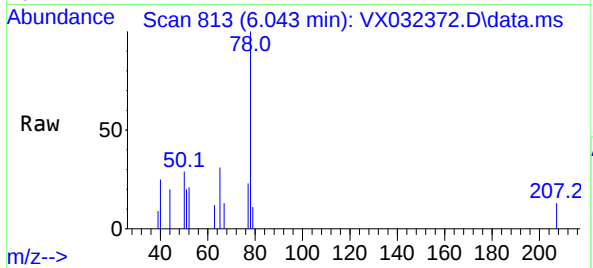




#40
Benzene
Concen: 0.358 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.005 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

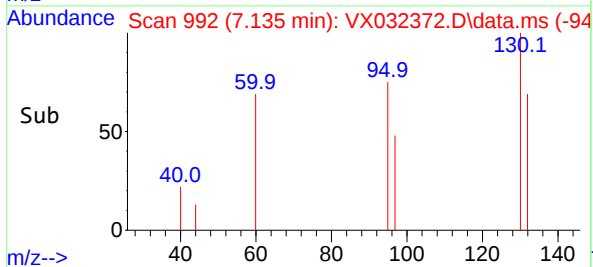
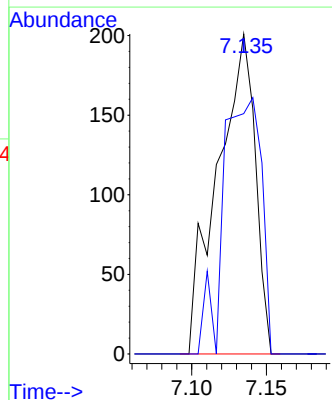
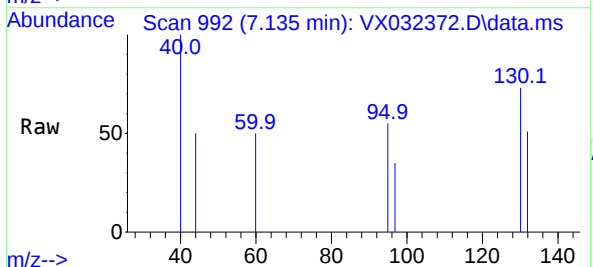
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

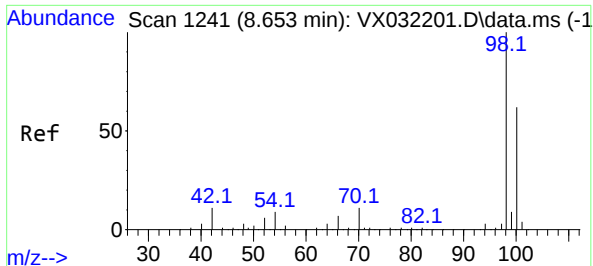
Tgt Ion: 78 Resp: 1850
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8



#44
Trichloroethene
Concen: 0.247 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 130 Resp: 352
Ion Ratio Lower Upper
130 100
95 75.1 0.0 196.8





#50

Toluene-d8

Concen: 46.612 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032372.D

Acq: 25 Oct 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

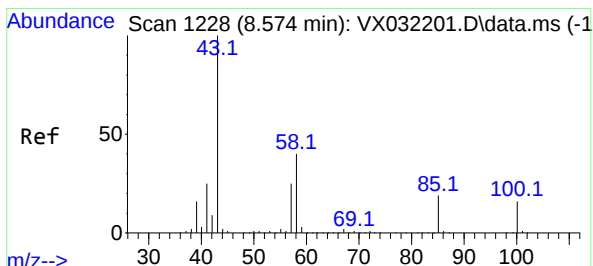
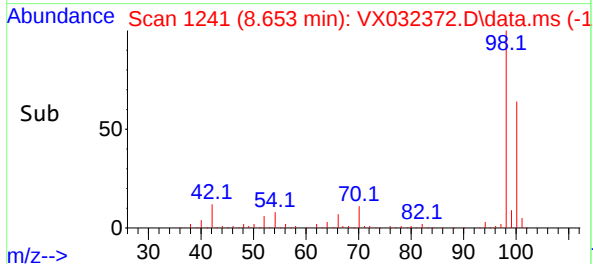
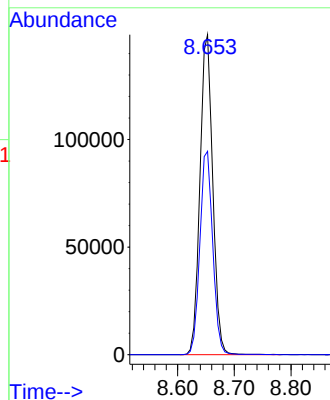
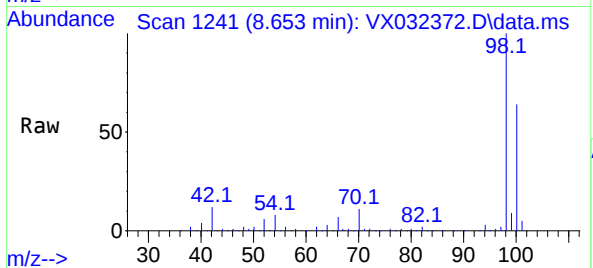
FSND-RB-20221019

Tgt Ion: 98 Resp: 232543

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.605 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032372.D

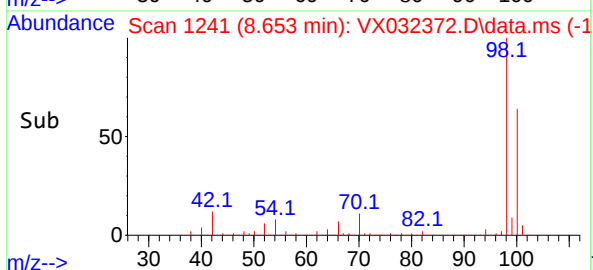
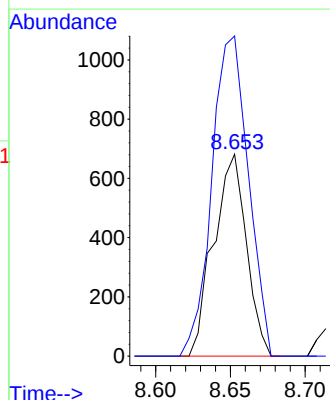
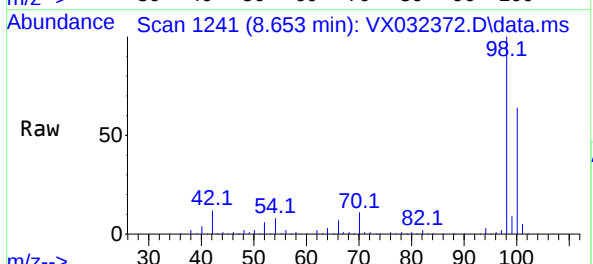
Acq: 25 Oct 2022 18:19

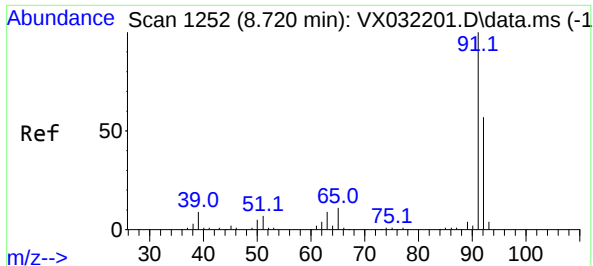
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

58 176.5 31.0 46.4#

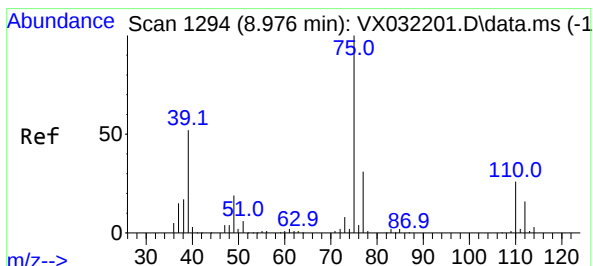
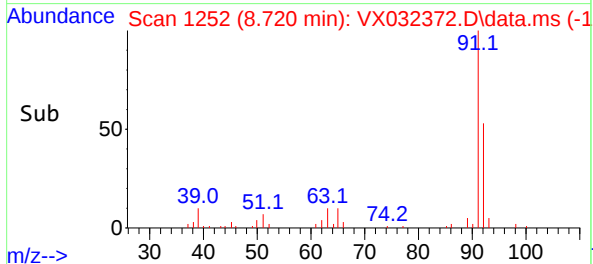
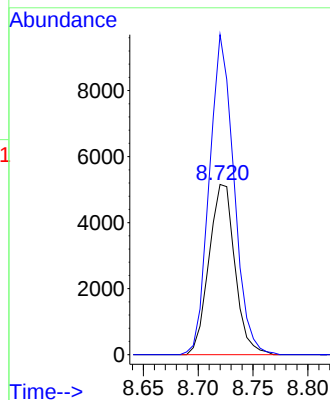
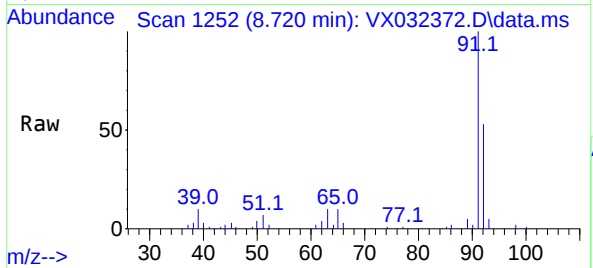




#52
Toluene
Concen: 2.540 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

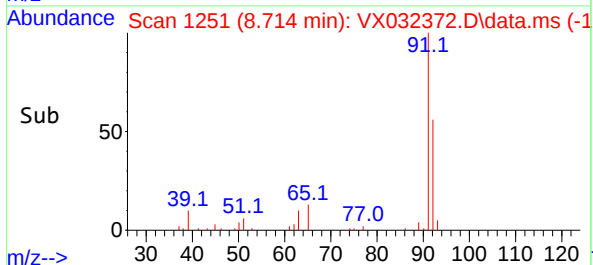
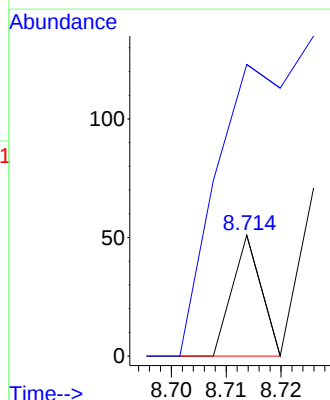
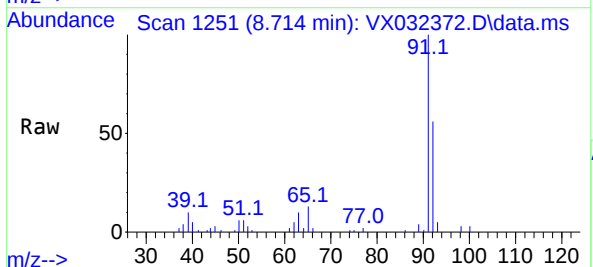
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

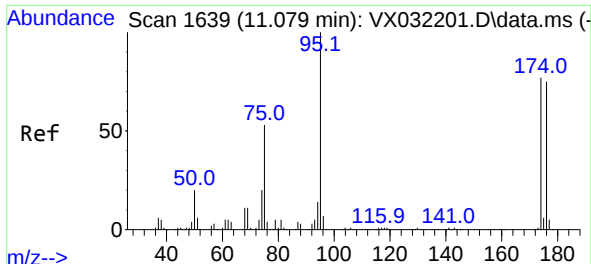
Tgt Ion: 92 Resp: 8502
Ion Ratio Lower Upper
92 100
91 178.1 140.3 210.5



#53
t-1,3-Dichloropropene
Concen: 1.828 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 241.2 25.2 37.8#





#62

4-Bromofluorobenzene

Concen: 42.492 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032372.D

Acq: 25 Oct 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-20221019

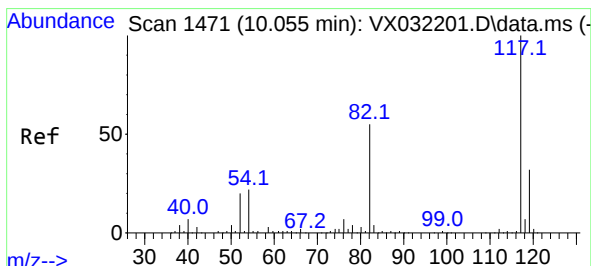
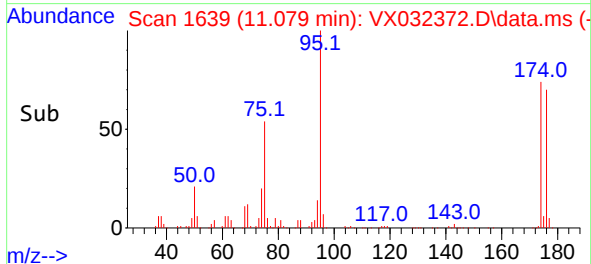
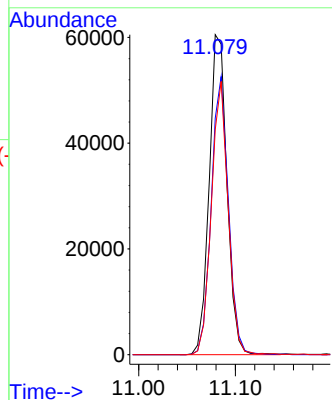
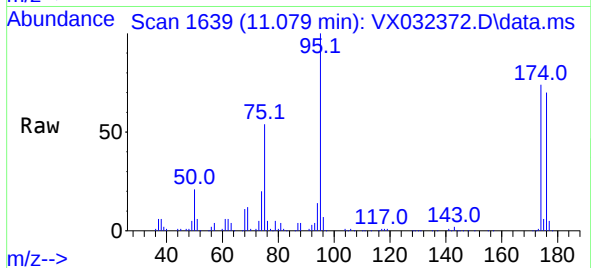
Tgt Ion: 95 Resp: 77626

Ion Ratio Lower Upper

95 100

174 83.5 0.0 166.8

176 80.5 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: VX032372.D

Acq: 25 Oct 2022 18:19

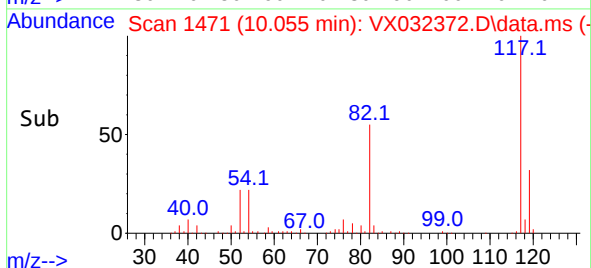
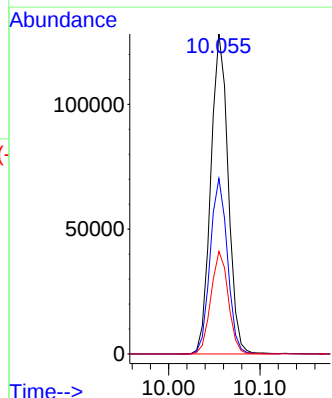
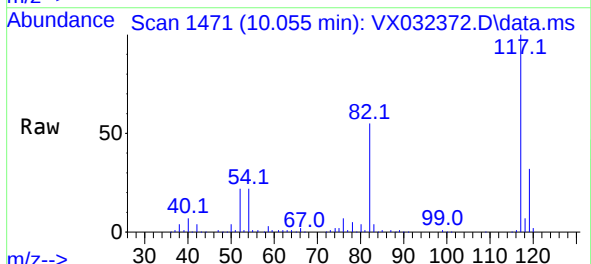
Tgt Ion: 117 Resp: 169303

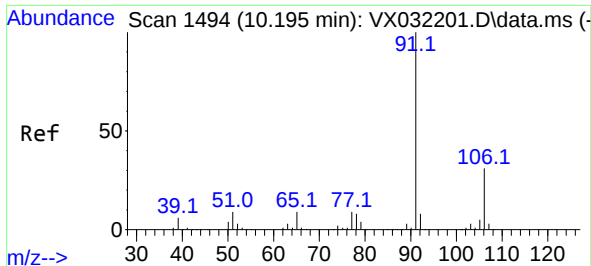
Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.4

119 32.1 25.8 38.8

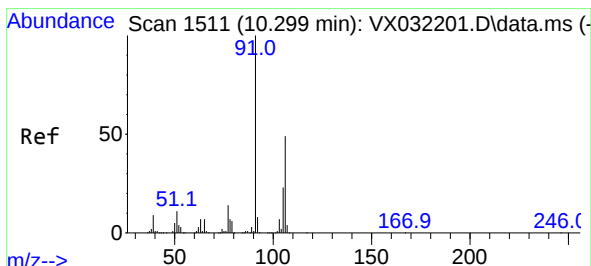
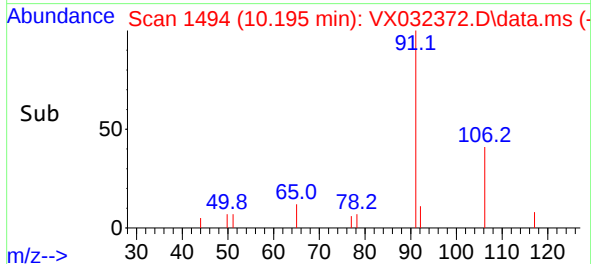
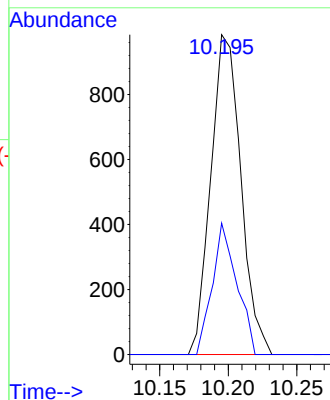
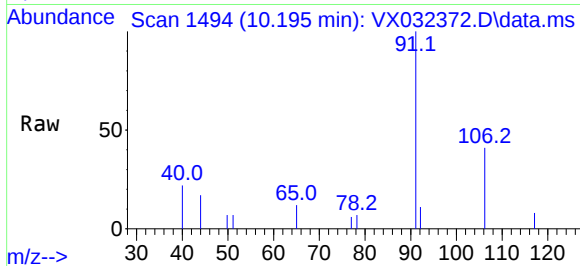




#67
Ethyl Benzene
Concen: 0.244 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

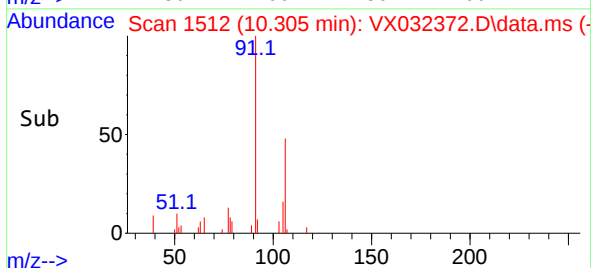
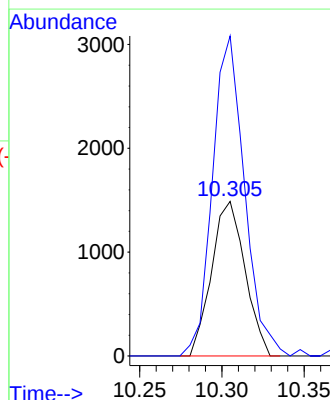
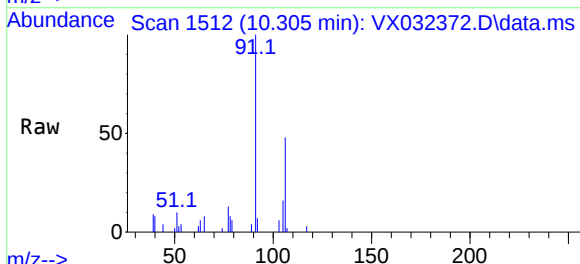
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

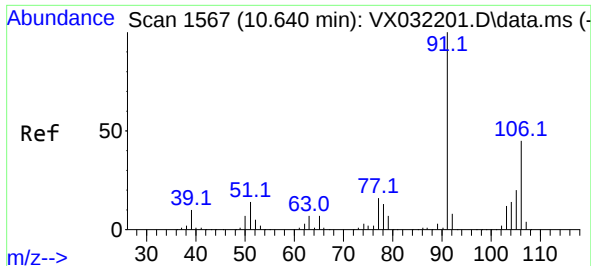
Tgt Ion: 91 Resp: 1502
Ion Ratio Lower Upper
91 100
106 41.1 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.867 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 106 Resp: 2104
Ion Ratio Lower Upper
106 100
91 199.3 162.6 244.0

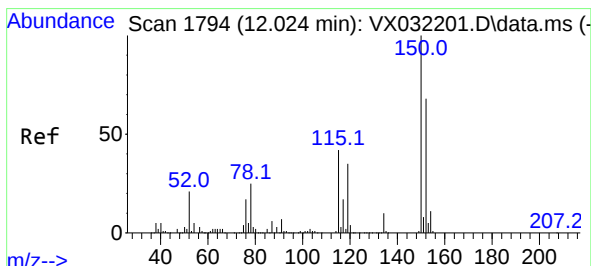
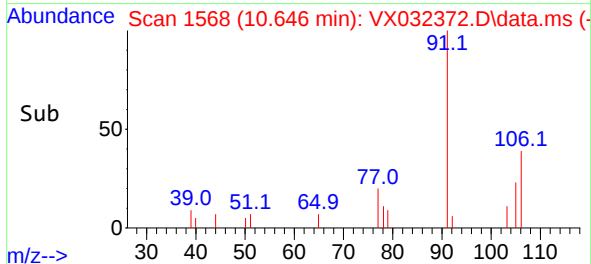
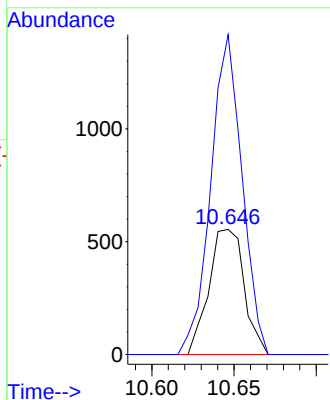
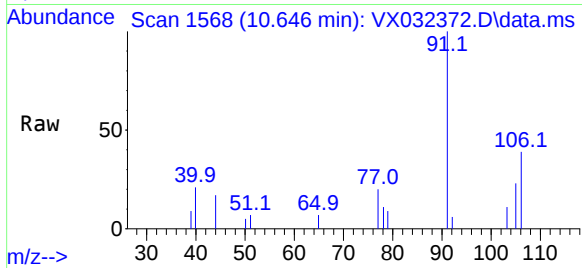




#69
o-Xylene
Concen: 0.356 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

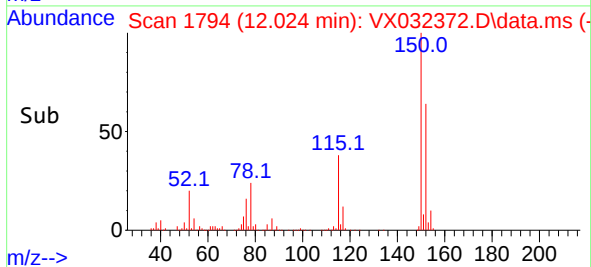
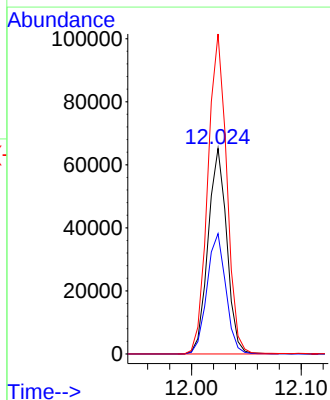
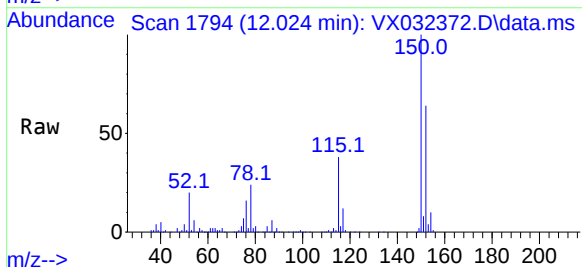
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

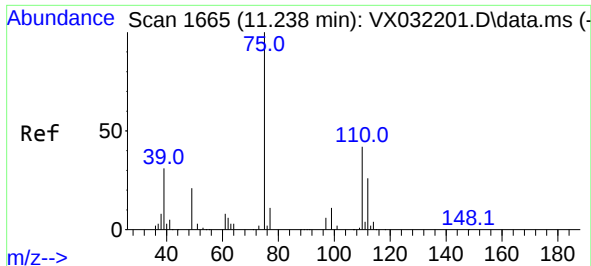
Tgt Ion:106 Resp: 827
Ion Ratio Lower Upper
106 100
91 227.0 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion:152 Resp: 77249
Ion Ratio Lower Upper
152 100
115 59.1 43.1 129.4
150 157.4 0.0 348.6

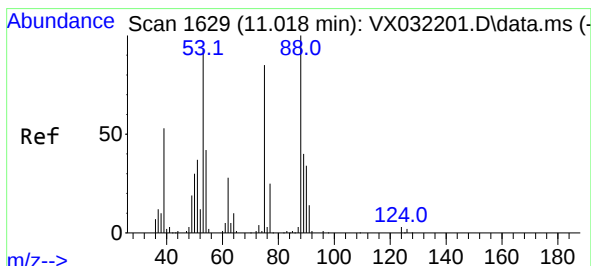
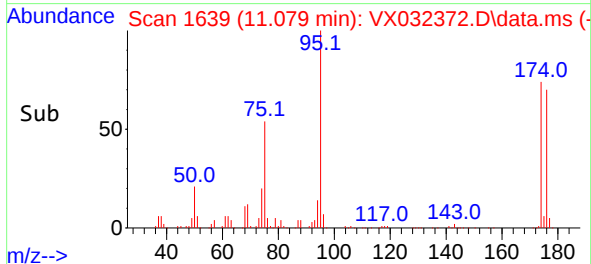
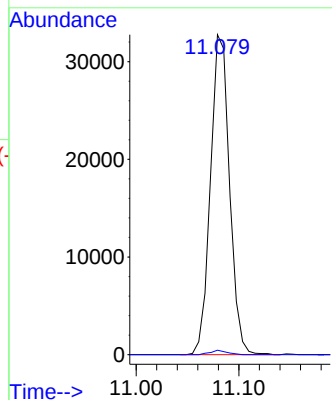
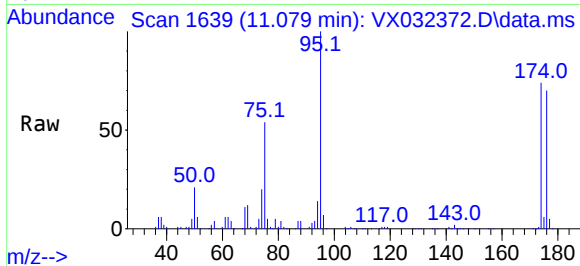




#76
1,2,3-Trichloropropane
Concen: 27.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

Tgt Ion: 75 Resp: 42134
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 75 Resp: 42134
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

