

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032789.D
 Acq On : 14 Nov 2022 13:08
 Operator : JC/MD
 Sample : N5558-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20221109

Quant Time: Nov 15 05:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

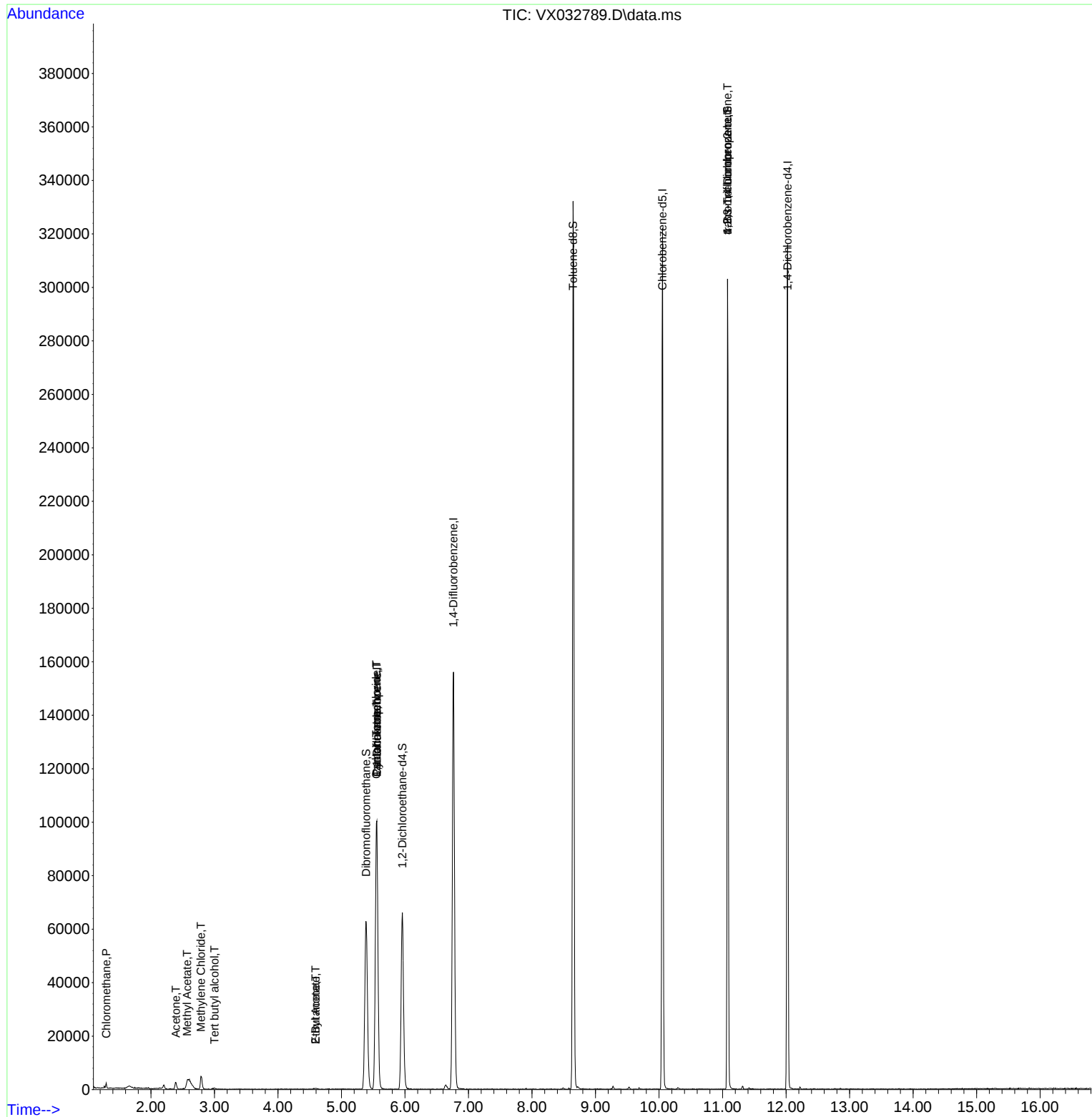
Internal Standards						
1) Pentafluorobenzene	5.556	168	96633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65803	49.008	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.020%		
35) Dibromofluoromethane	5.385	113	54246	48.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	8.647	98	193799	49.531	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.060%		
62) 4-Bromofluorobenzene	11.079	95	73352	47.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1116	1.184	ug/l	95
11) Tert butyl alcohol	3.001	59	907	4.641	ug/l #	72
16) Acetone	2.392	43	3137	6.428	ug/l	93
18) Methyl Acetate	2.569	43	806	0.508	ug/l #	51
20) Methylene Chloride	2.788	84	2379	2.126	ug/l	91
25) 2-Butanone	4.593	43	490	0.648	ug/l #	47
31) Cyclohexane	5.556	56	2063	1.267	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	7297	4.657	ug/l #	50
37) Ethyl Acetate	4.593	43	490	0.300	ug/l #	67
38) Carbon Tetrachloride	5.550	117	10016	5.763	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	39221	26.785	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39221	85.232	ug/l #	6

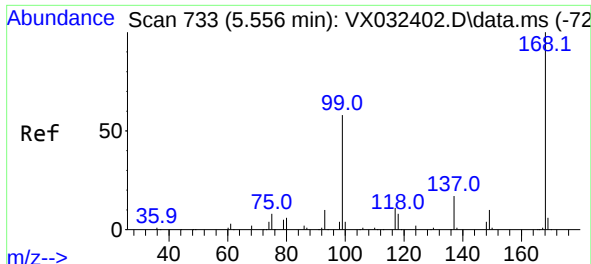
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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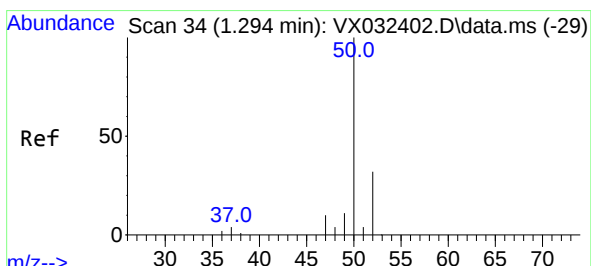
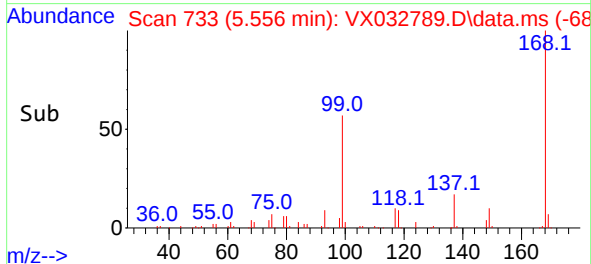
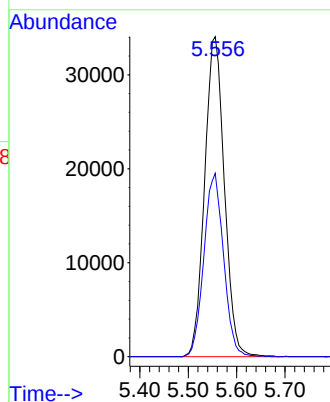
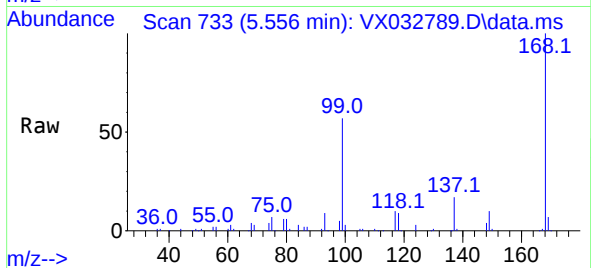




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

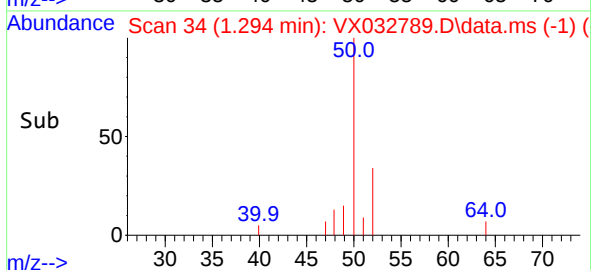
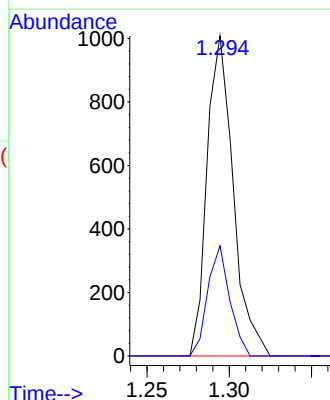
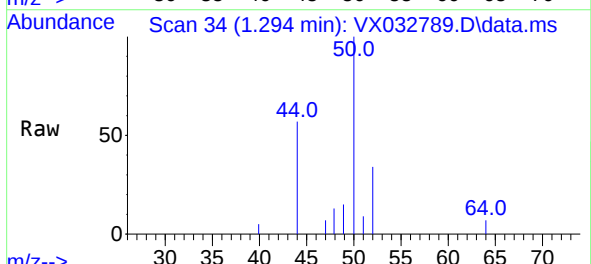
Instrument :
MSVOA_X
ClientSampleId :
FB01-20221109

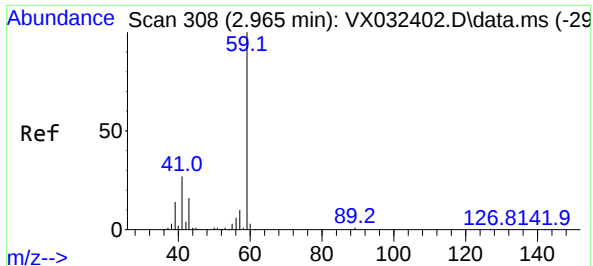
Tgt Ion:168 Resp: 96633
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#3
Chloromethane
Concen: 1.184 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Tgt Ion: 50 Resp: 1116
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2

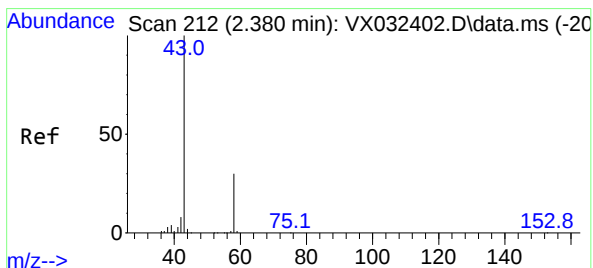
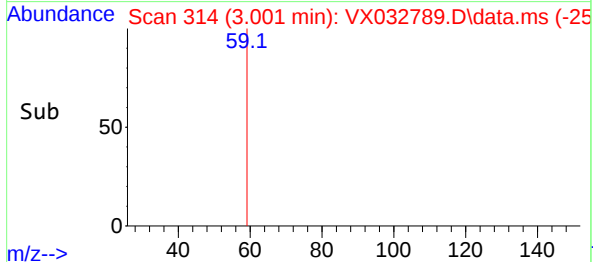
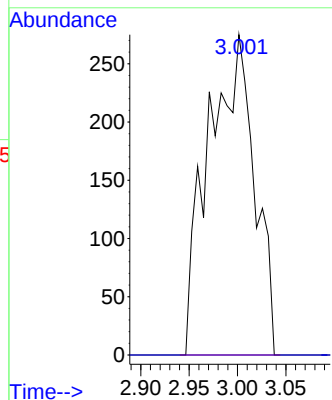
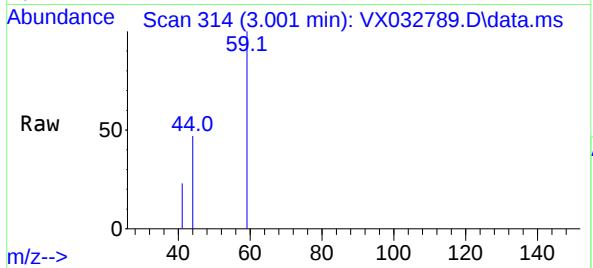




#11
Tert butyl alcohol
Concen: 4.641 ug/l
RT: 3.001 min Scan# 311
Delta R.T. 0.037 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

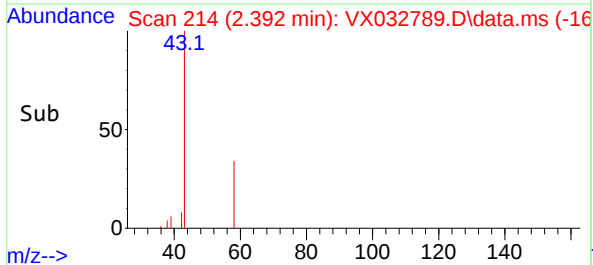
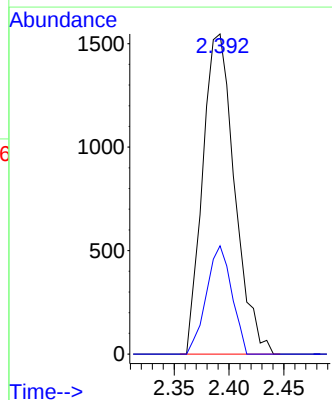
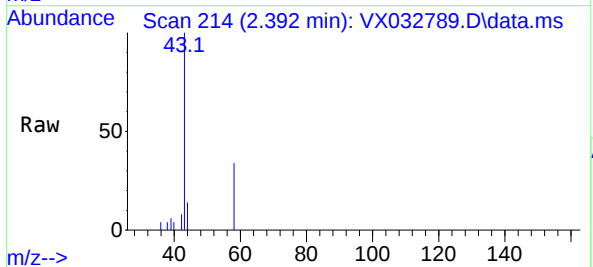
Instrument :
MSVOA_X
ClientSampleId :
FB01-20221109

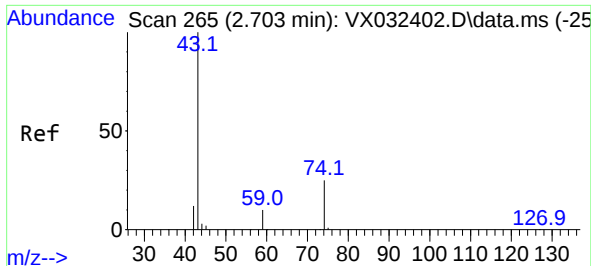
Tgt Ion: 59 Resp: 907
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 6.428 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.8





#18

Methyl Acetate

Concen: 0.508 ug/l

RT: 2.569 min Scan# 243

Delta R.T. -0.134 min

Lab File: VX032789.D

Acq: 14 Nov 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

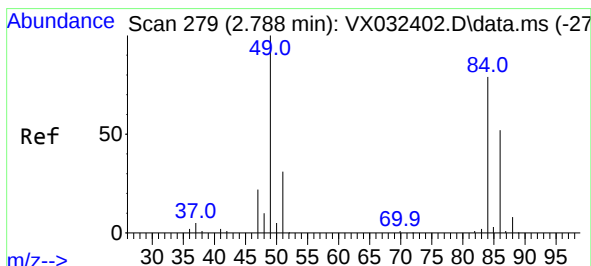
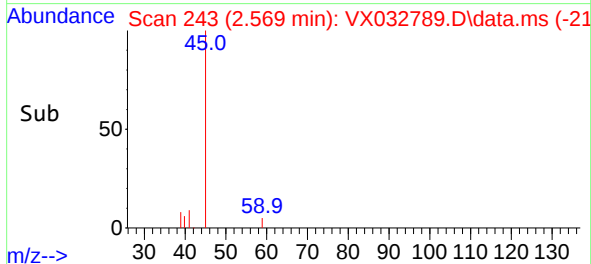
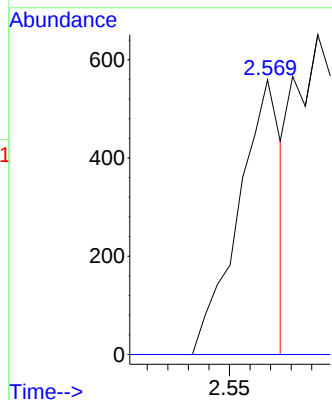
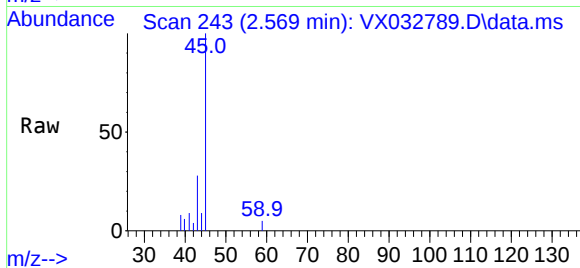
FB01-20221109

Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 2.126 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX032789.D

Acq: 14 Nov 2022 13:08

Tgt Ion: 84 Resp: 2379

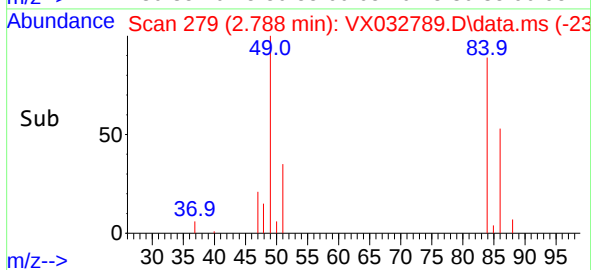
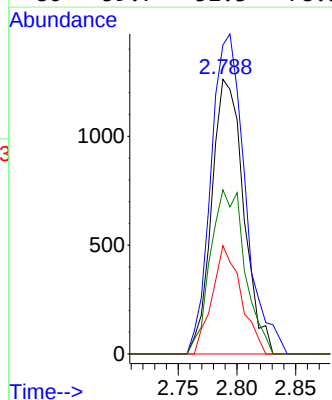
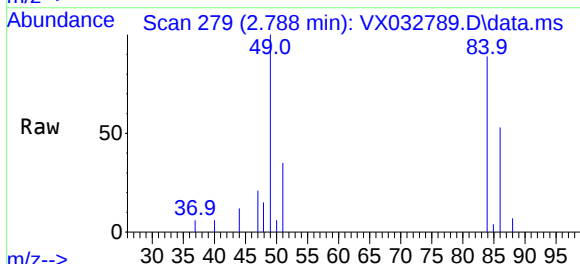
Ion Ratio Lower Upper

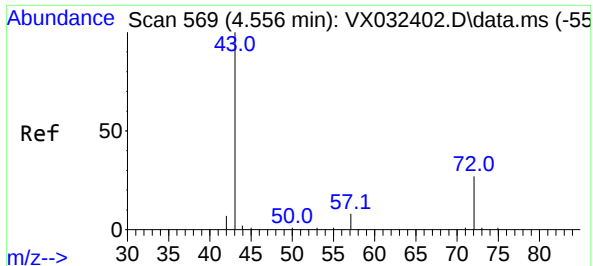
84 100

49 112.4 101.0 151.6

51 39.5 31.1 46.7

86 59.7 52.3 78.5





#25

2-Butanone

Concen: 0.648 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX032789.D

Acq: 14 Nov 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

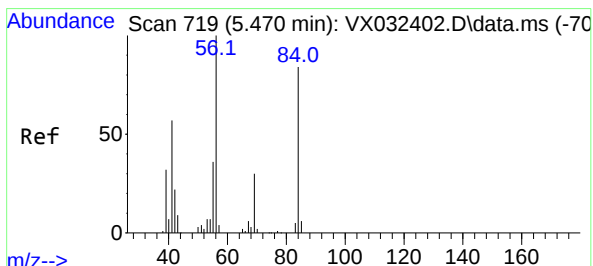
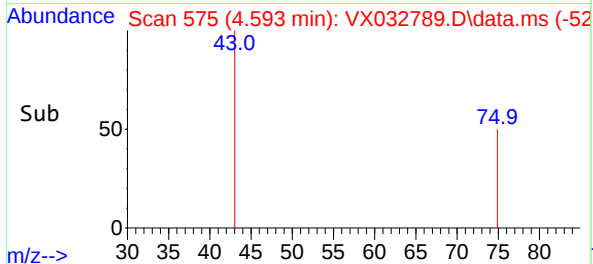
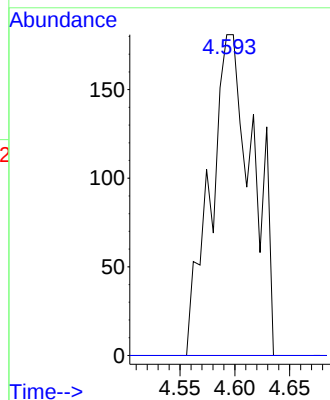
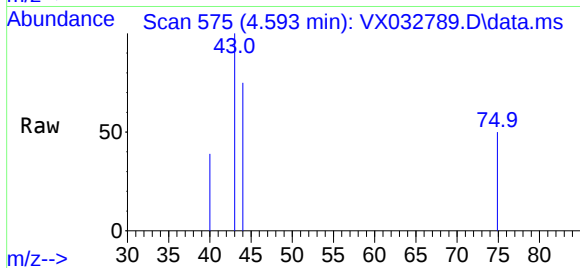
FB01-20221109

Tgt Ion: 43 Resp: 490

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.267 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032789.D

Acq: 14 Nov 2022 13:08

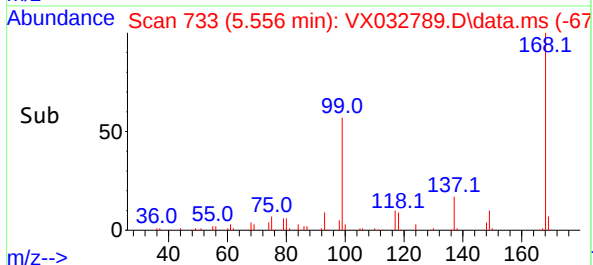
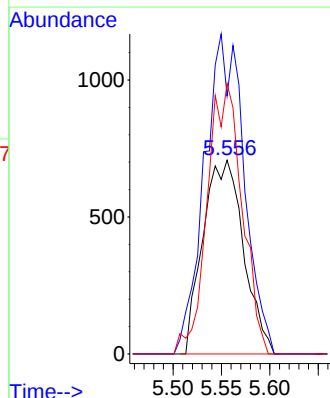
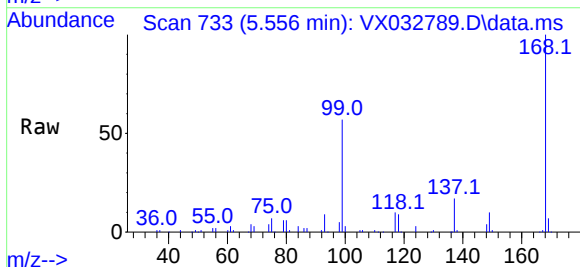
Tgt Ion: 56 Resp: 2063

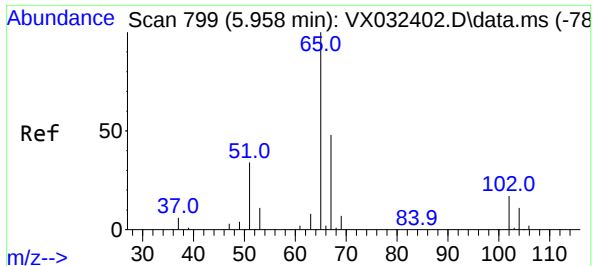
Ion Ratio Lower Upper

56 100

69 133.2 24.1 36.1#

84 139.6 66.9 100.3#

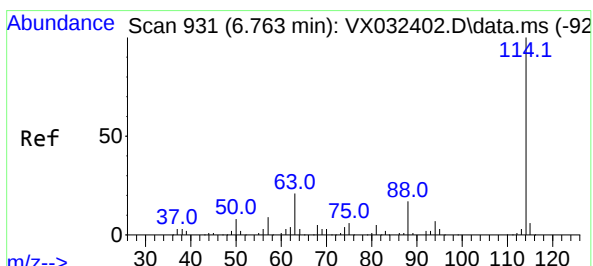
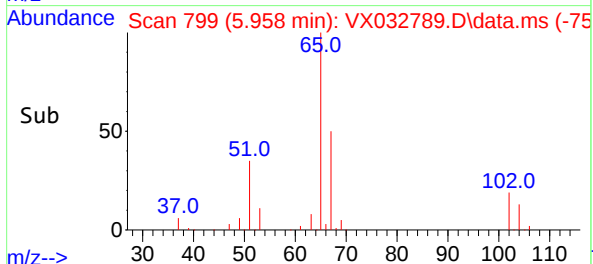
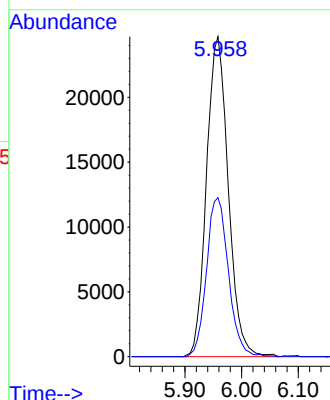
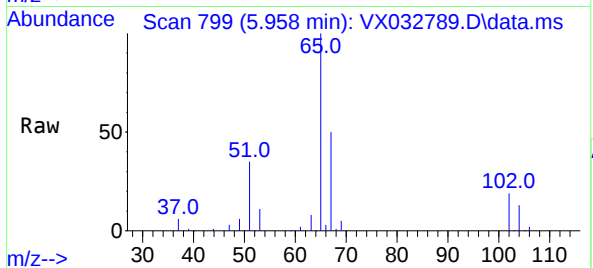




#33
1,2-Dichloroethane-d4
Concen: 49.008 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

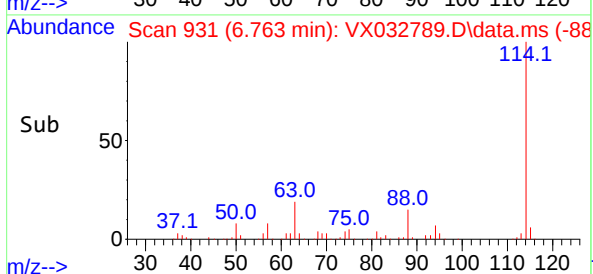
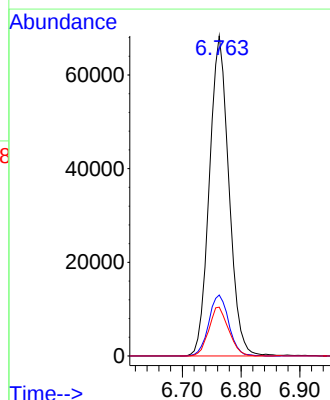
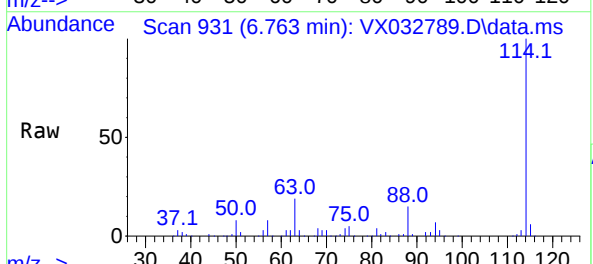
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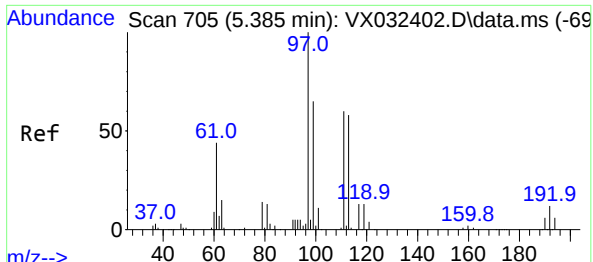
Tgt Ion: 65 Resp: 65803
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Tgt Ion: 114 Resp: 157747
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.209 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032789.D

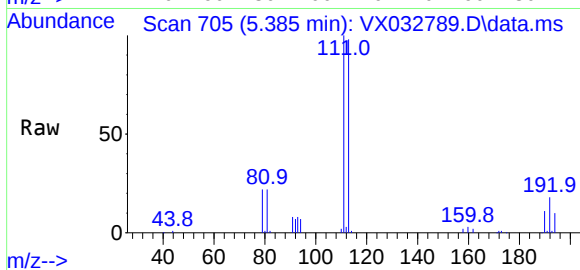
Acq: 14 Nov 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

FB01-20221109



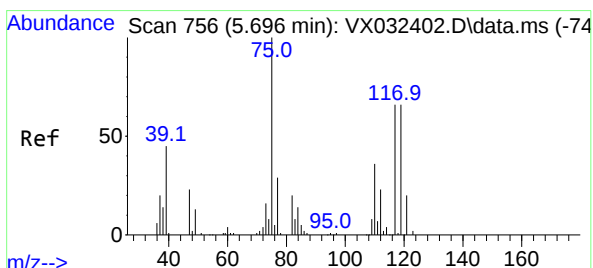
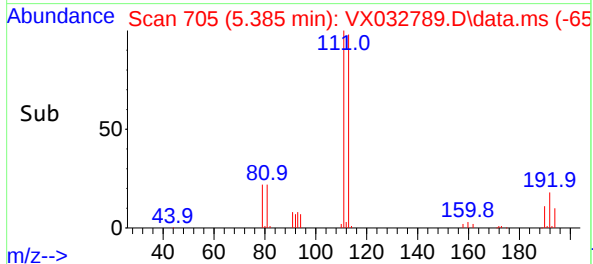
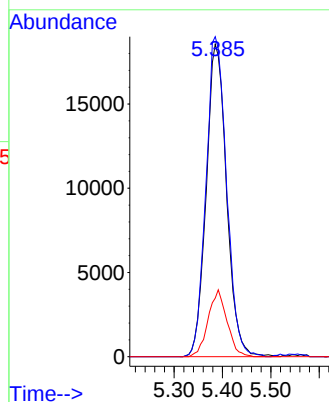
Tgt Ion:113 Resp: 54246

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 19.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.657 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032789.D

Acq: 14 Nov 2022 13:08

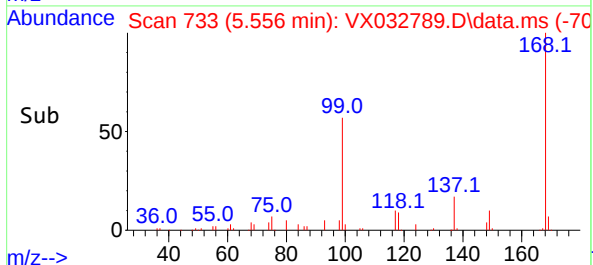
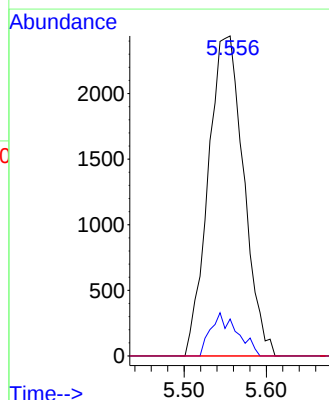
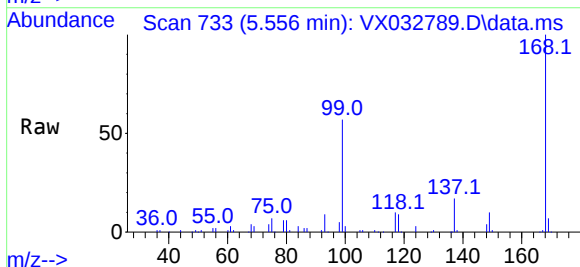
Tgt Ion: 75 Resp: 7297

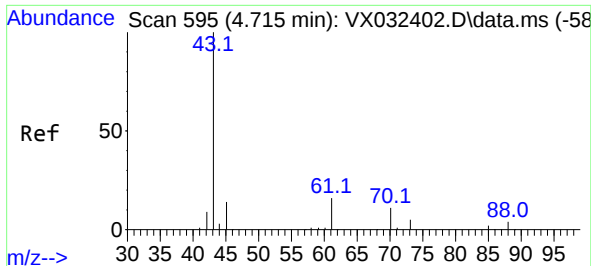
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.300 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX032789.D

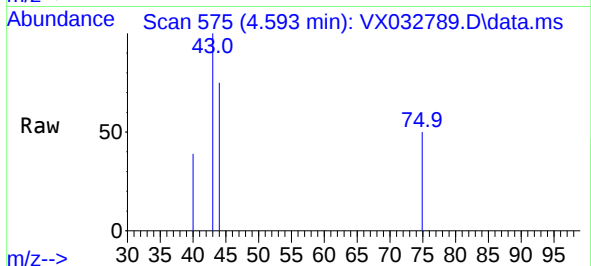
Acq: 14 Nov 2022 13:08

Instrument :

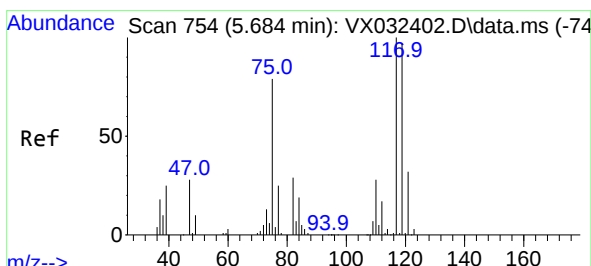
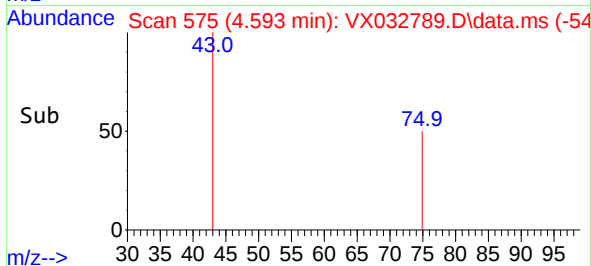
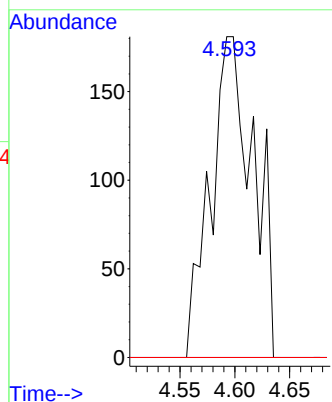
MSVOA_X

ClientSampleId :

FB01-20221109



Tgt Ion:	43	Resp:	490
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.1	13.7#



#38

Carbon Tetrachloride

Concen: 5.763 ug/l

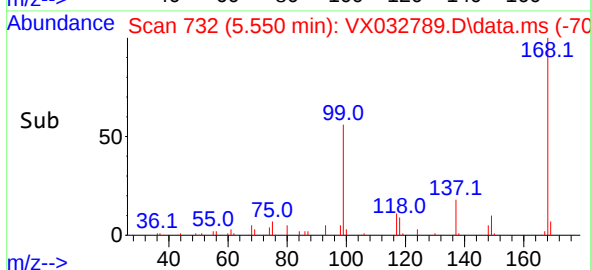
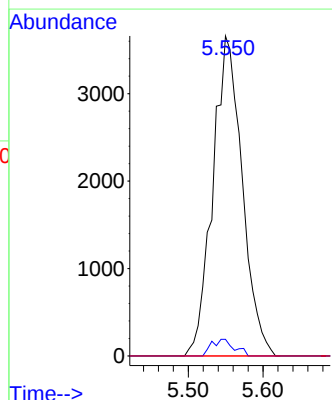
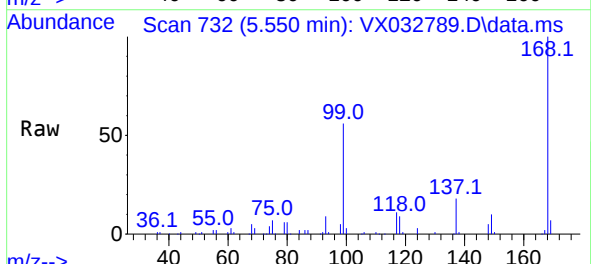
RT: 5.550 min Scan# 732

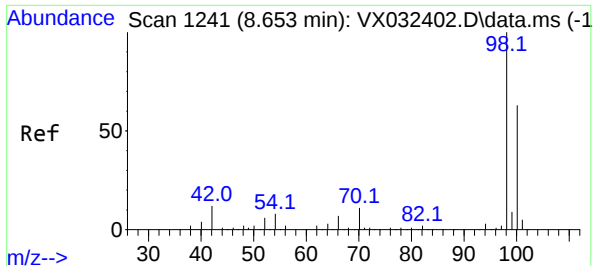
Delta R.T. -0.134 min

Lab File: VX032789.D

Acq: 14 Nov 2022 13:08

Tgt Ion:	117	Resp:	10016
Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.2	115.8#
121	0.0	25.8	38.6#

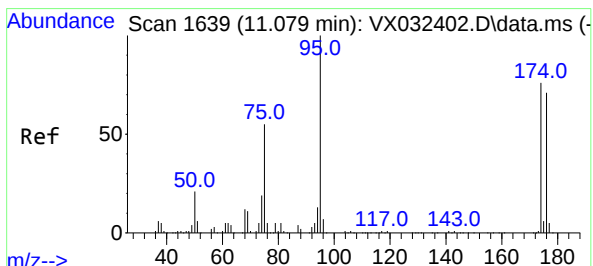
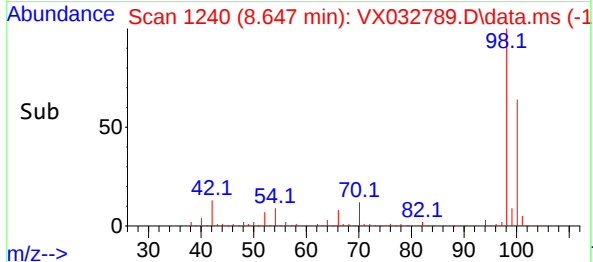
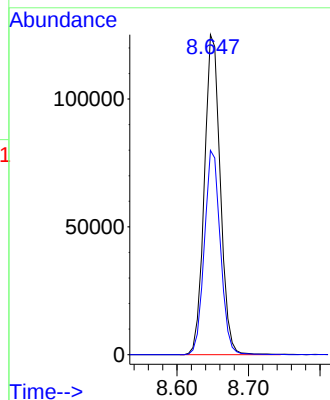
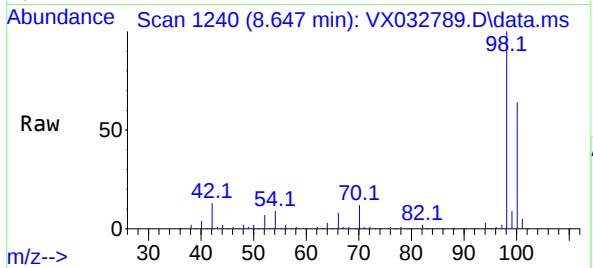




#50
Toluene-d8
Concen: 49.531 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

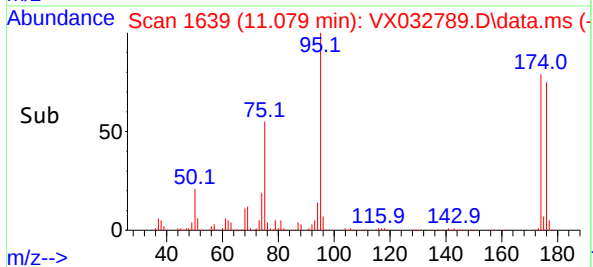
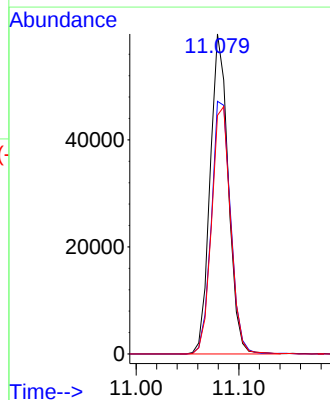
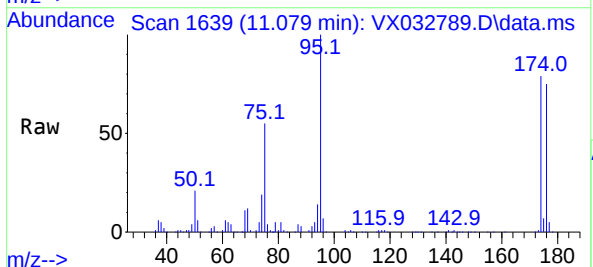
Instrument :
MSVOA_X
ClientSampleId :
FB01-20221109

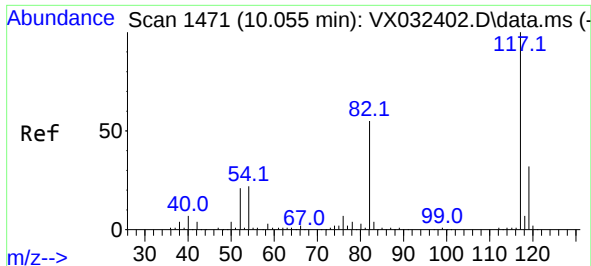
Tgt Ion: 98 Resp: 193799
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Tgt Ion: 95 Resp: 73352
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 80.7 0.0 154.4

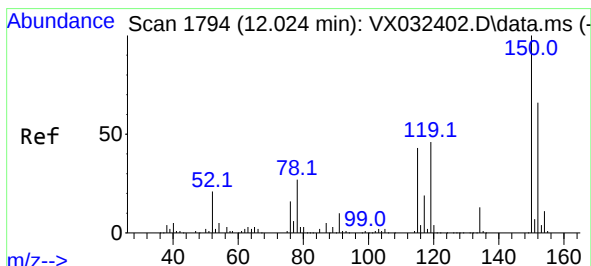
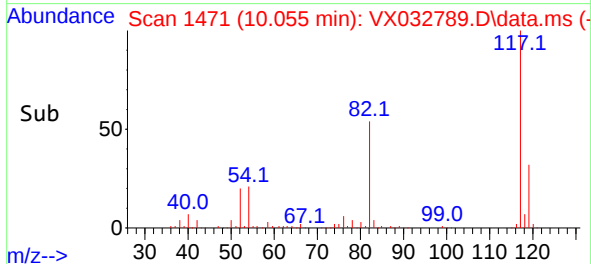
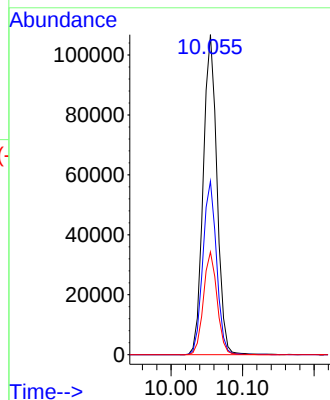
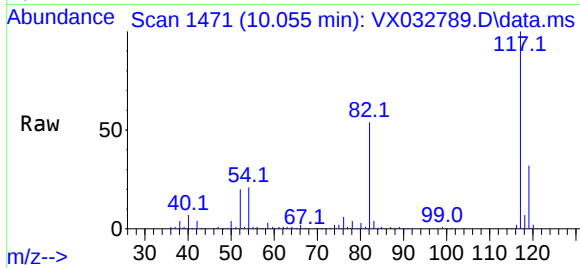




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

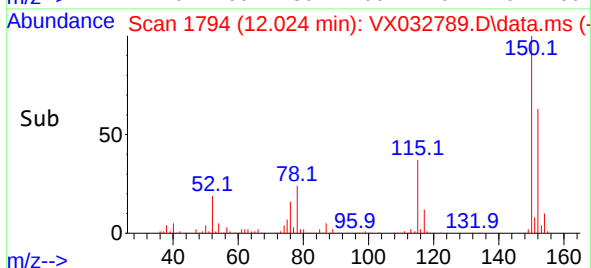
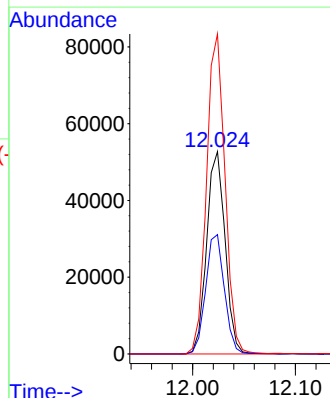
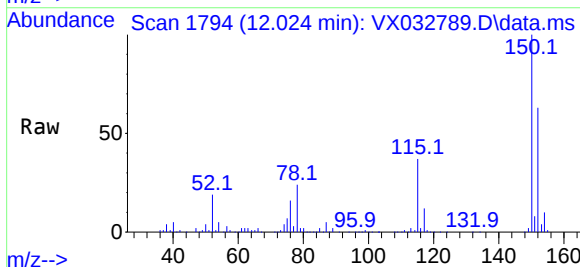
Instrument :
MSVOA_X
ClientSampleId :
FB01-20221109

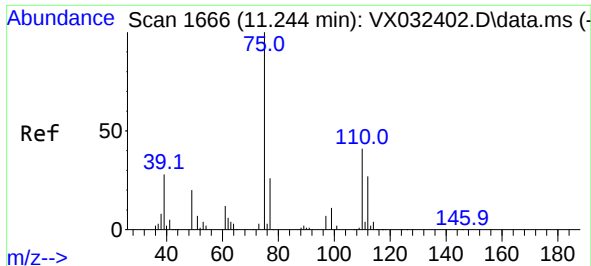
Tgt Ion:117 Resp: 142671
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Tgt Ion:152 Resp: 65817
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 158.5 0.0 351.8

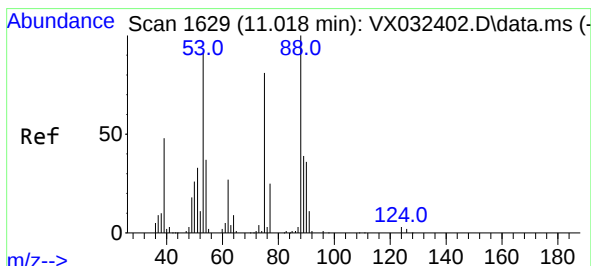
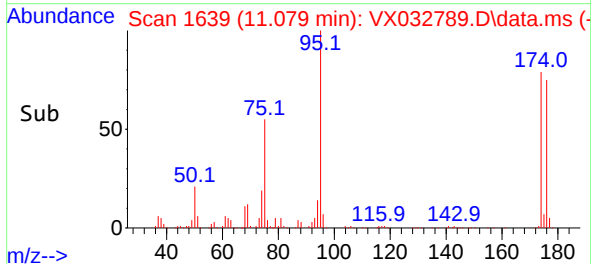
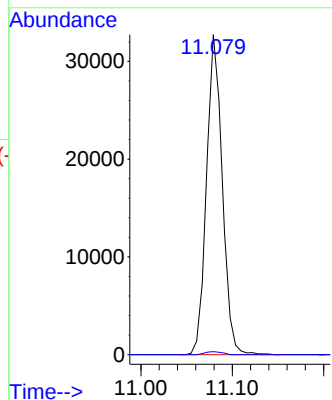
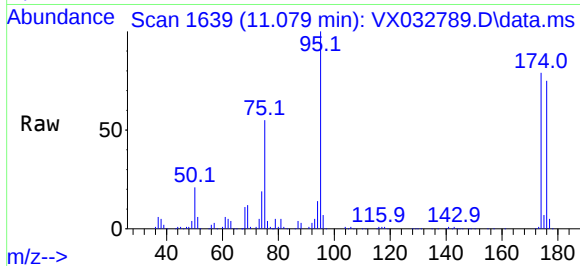




#76
1,2,3-Trichloropropane
Concen: 26.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
FB01-20221109

Tgt Ion: 75 Resp: 39221
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032789.D
Acq: 14 Nov 2022 13:08

Tgt Ion: 75 Resp: 39221
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

