

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031064.D
 Acq On : 02 Sep 2022 14:05
 Operator : JC/MD
 Sample : N4298-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220822

Quant Time: Sep 03 00:49:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

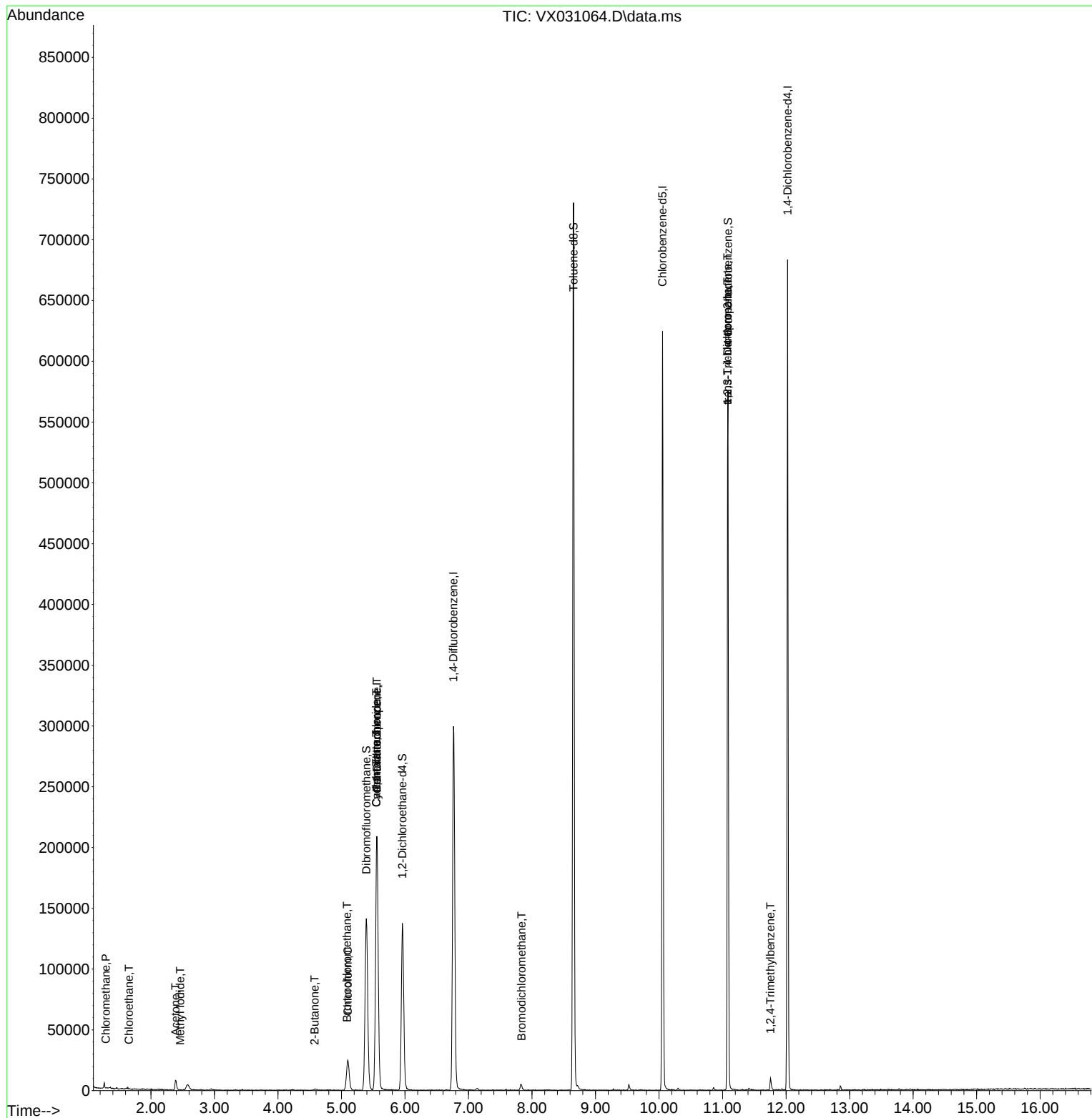
Internal Standards						
1) Pentafluorobenzene	5.556	168	214559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132087	47.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.700%		
35) Dibromofluoromethane	5.391	113	128387	51.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.000%		
50) Toluene-d8	8.653	98	472791	51.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.060%		
62) 4-Bromofluorobenzene	11.085	95	159185	49.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.240%		
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	309	0.845	ug/l #	85
6) Chloroethane	1.654	64	170	1.837	ug/l #	41
10) Methyl Iodide	2.459	142	196	2.983	ug/l #	45
11) Tert butyl alcohol	2.983	59	553	Below Cal	#	74
16) Acetone	2.386	43	9168	8.602	ug/l	94
20) Methylene Chloride	2.788	84	339	Below Cal	#	93
25) 2-Butanone	4.574	43	499	0.303	ug/l #	81
28) Bromochloromethane	5.086	49	2327	1.748	ug/l #	12
30) Chloroform	5.099	83	32225	6.538	ug/l	91
31) Cyclohexane	5.550	56	2992	0.793	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13750	3.937	ug/l #	47
38) Carbon Tetrachloride	5.550	117	20889	5.763	ug/l #	17
47) Bromodichloromethane	7.836	83	3823	1.064	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	72109	21.402	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	72109	67.263	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.756	105	3429	0.357	ug/l #	34

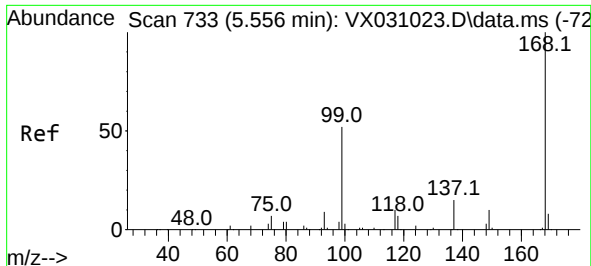
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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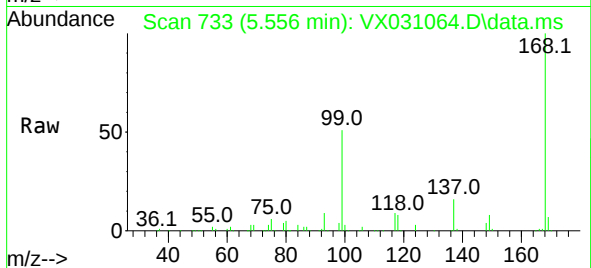
Quant Time: Sep 03 00:49:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



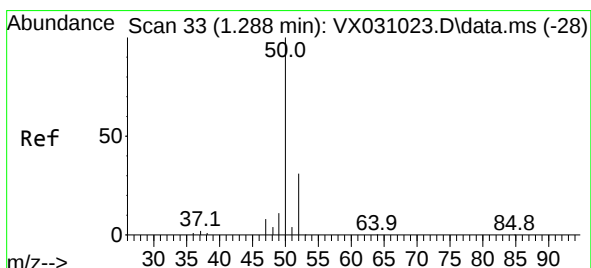
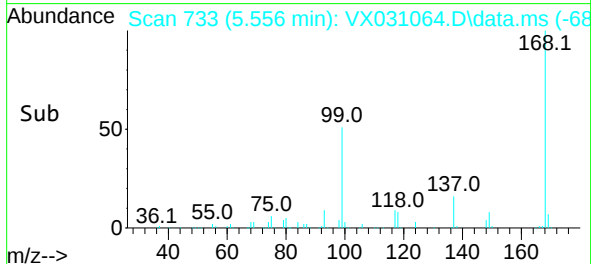
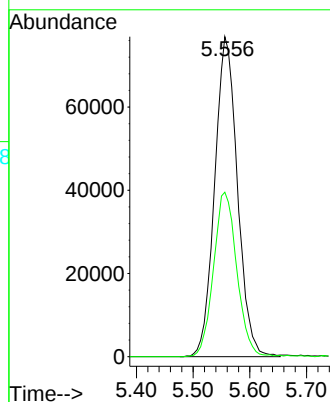


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

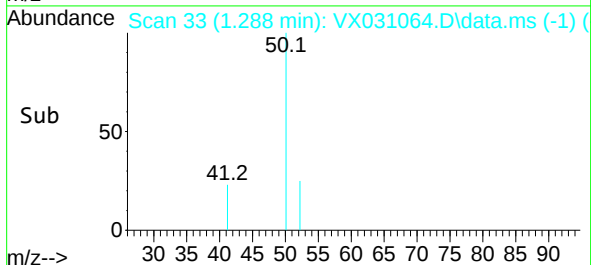
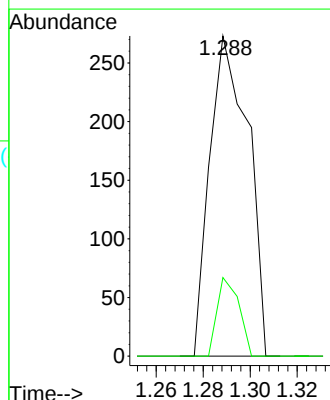
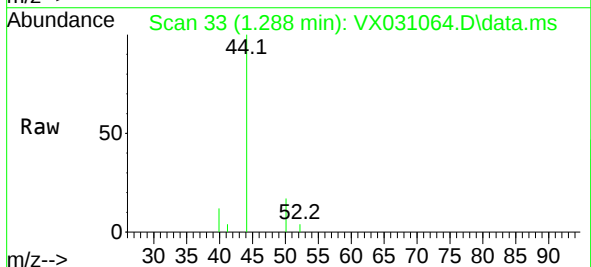


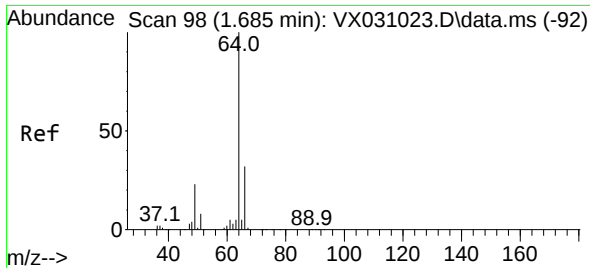
Tgt Ion:168 Resp: 214559
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0



#3
Chloromethane
Concen: 0.845 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Tgt Ion: 50 Resp: 309
Ion Ratio Lower Upper
50 100
52 24.5 26.3 39.5

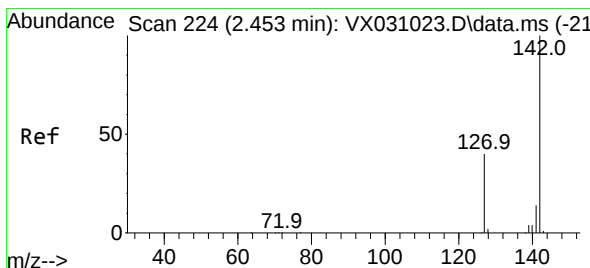
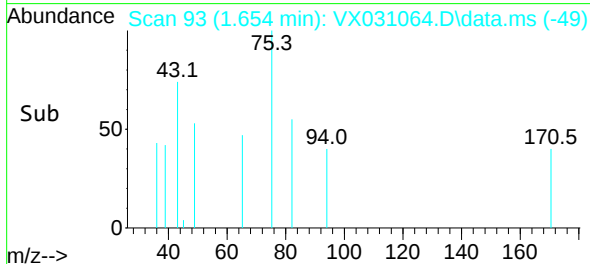
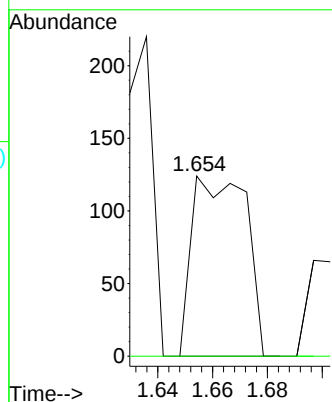
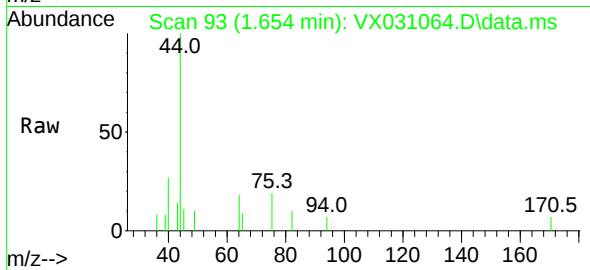




#6
 Chloroethane
 Concen: 1.837 ug/l
 RT: 1.654 min Scan# 91
 Delta R.T. -0.031 min
 Lab File: VX031064.D
 Acq: 02 Sep 2022 14:05

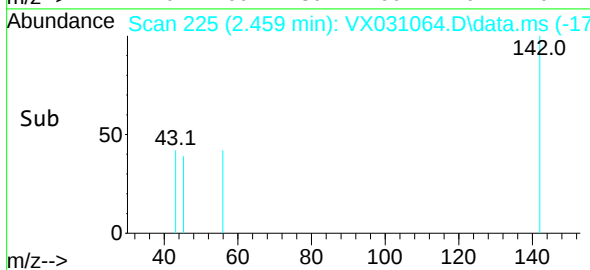
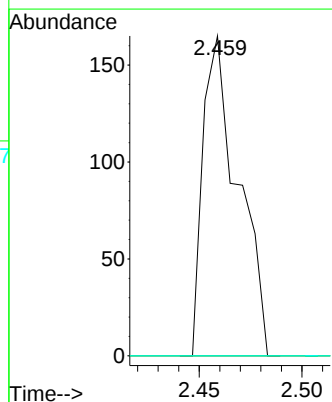
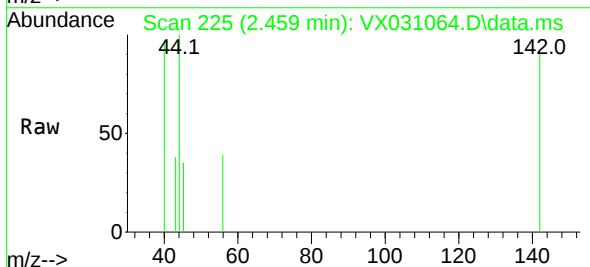
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220822

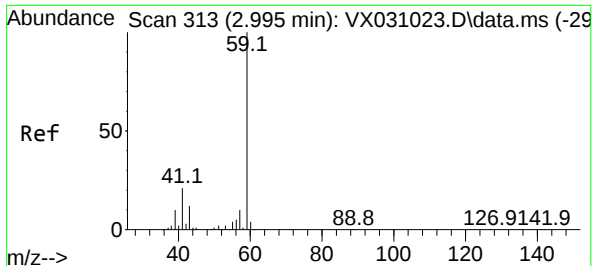
Tgt Ion: 64 Resp: 170
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#



#10
 Methyl Iodide
 Concen: 2.983 ug/l
 RT: 2.459 min Scan# 225
 Delta R.T. 0.006 min
 Lab File: VX031064.D
 Acq: 02 Sep 2022 14:05

Tgt Ion: 142 Resp: 196
 Ion Ratio Lower Upper
 142 100
 127 0.0 30.2 45.2#
 141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.983 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX031064.D

Acq: 02 Sep 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

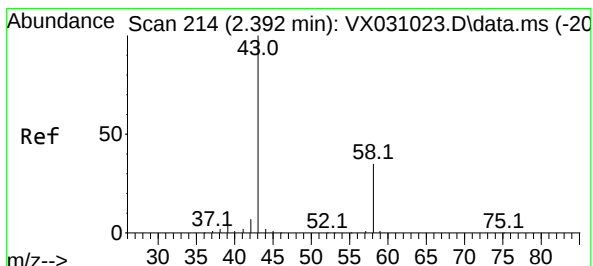
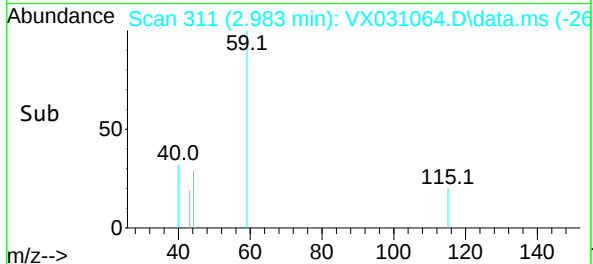
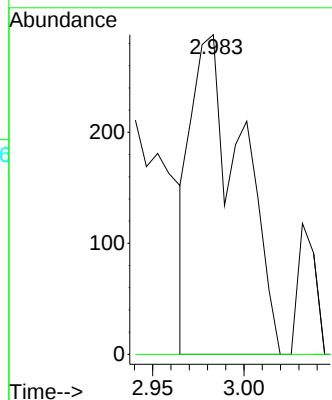
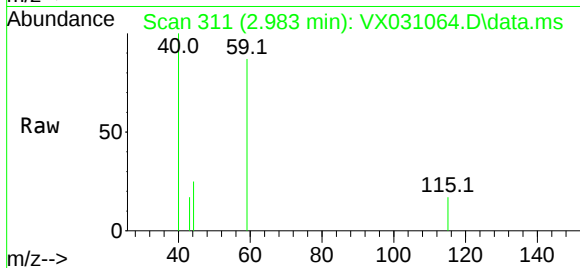
FB01-20220822

Tgt Ion: 59 Resp: 553

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 8.602 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031064.D

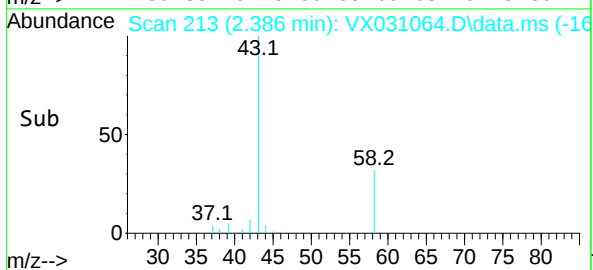
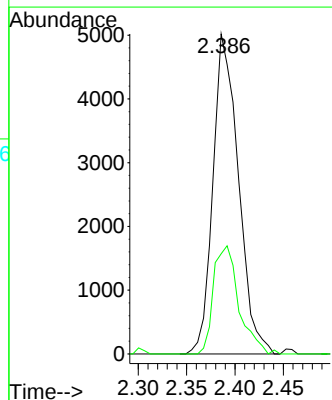
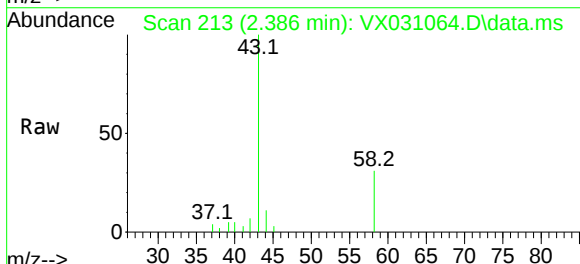
Acq: 02 Sep 2022 14:05

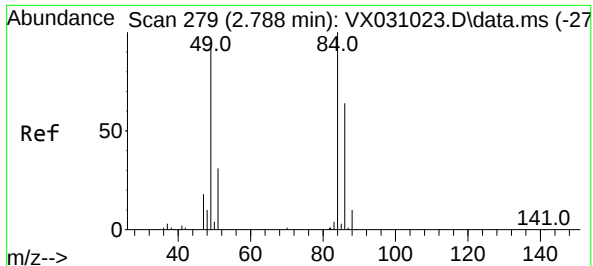
Tgt Ion: 43 Resp: 9168

Ion Ratio Lower Upper

43 100

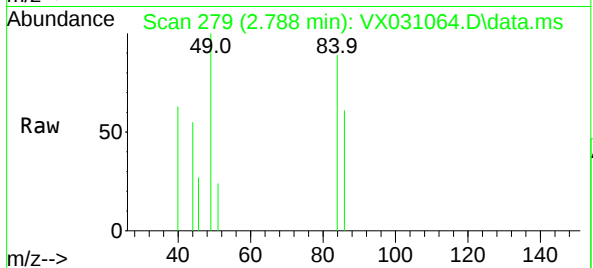
58 31.3 27.7 41.5



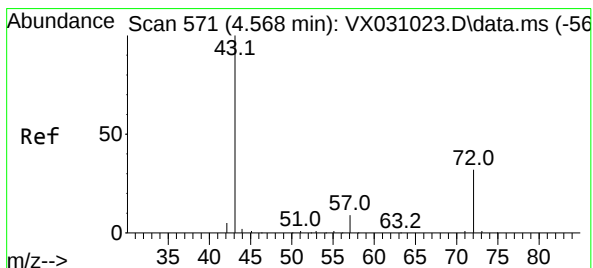
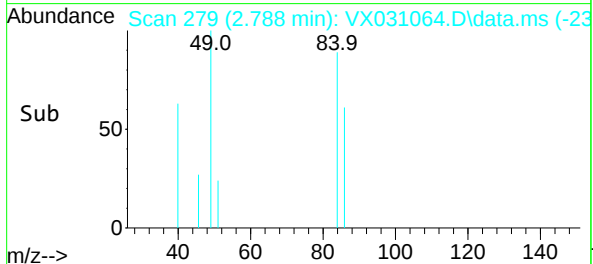
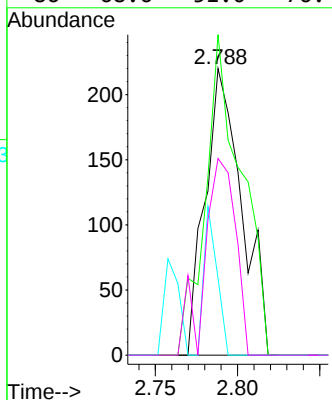


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

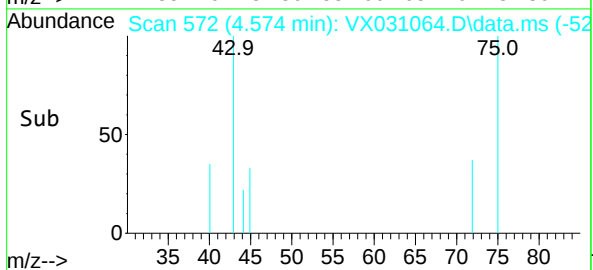
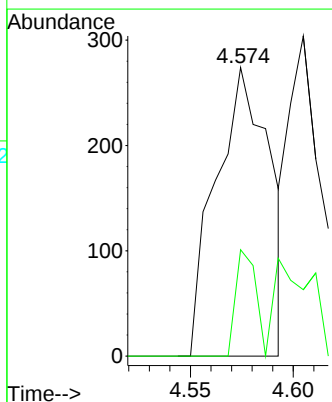
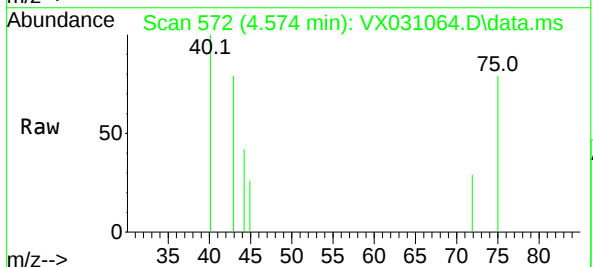


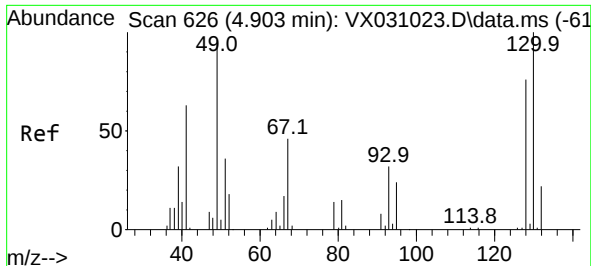
Tgt Ion:	84	Resp:	339
Ion	Ratio	Lower	Upper
84	100		
49	111.8	93.8	140.6
51	26.8	29.4	44.0#
86	68.6	51.0	76.4



#25
2-Butanone
Concen: 0.303 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Tgt Ion:	43	Resp:	499
Ion	Ratio	Lower	Upper
43	100		
72	36.9	21.7	32.5#

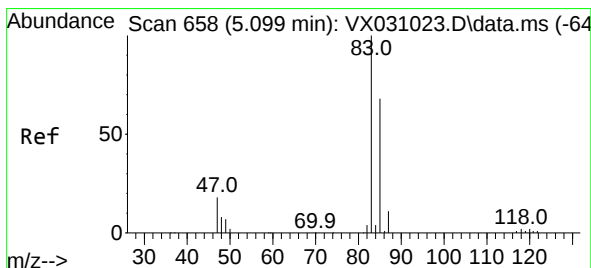
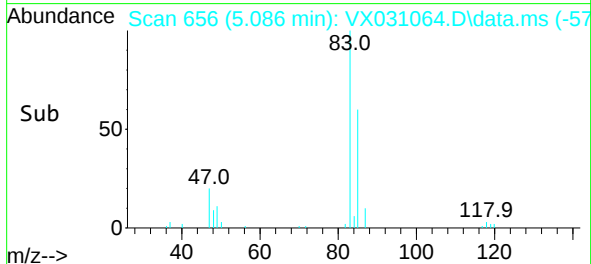
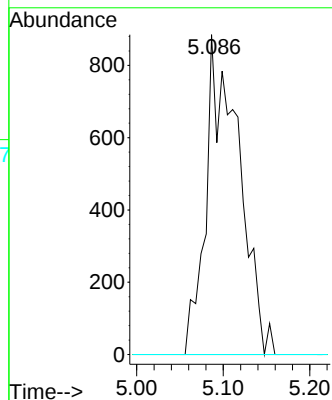
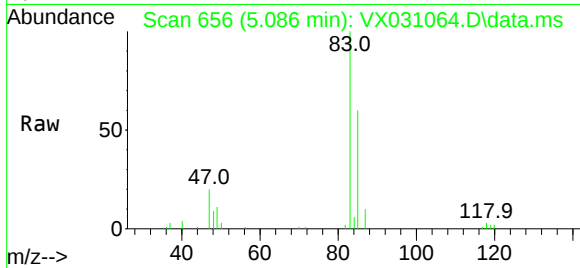




#28
Bromochloromethane
Concen: 1.748 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.182 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

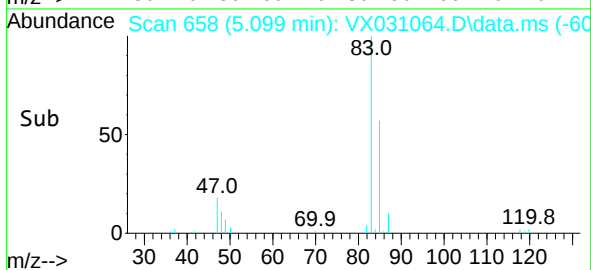
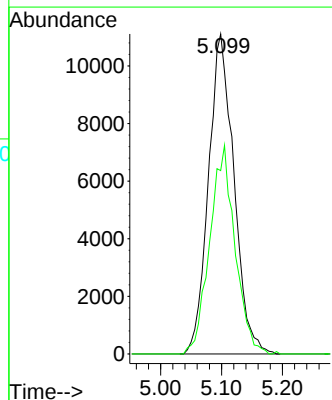
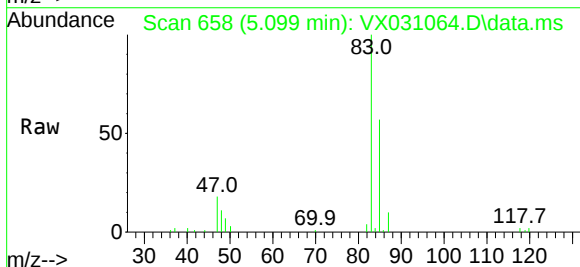
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

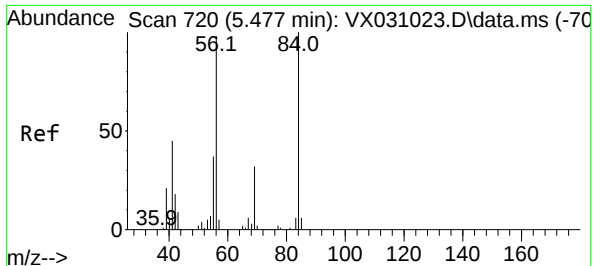
Tgt Ion: 49 Resp: 2327
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 62.8 94.2#



#30
Chloroform
Concen: 6.538 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

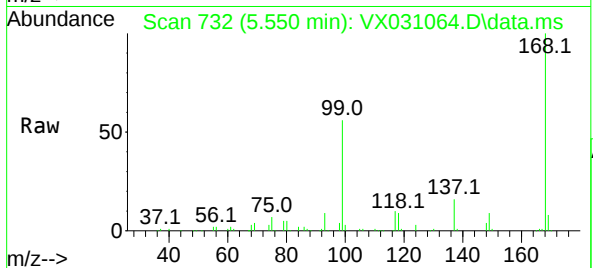
Tgt Ion: 83 Resp: 32225
Ion Ratio Lower Upper
83 100
85 57.3 51.5 77.3



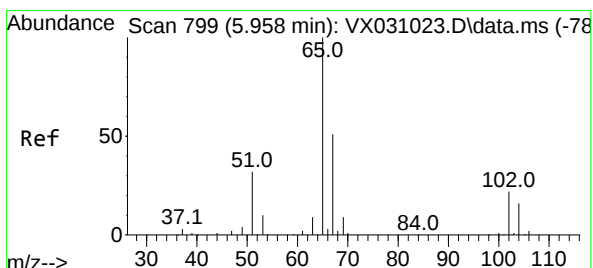
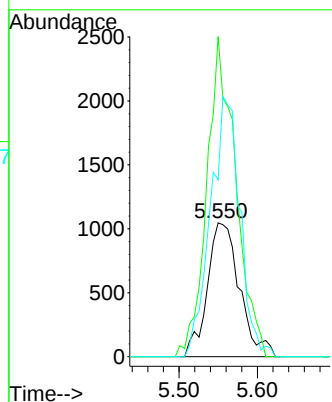
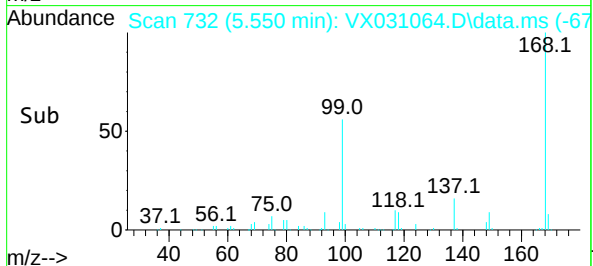


#31
Cyclohexane
Concen: 0.793 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

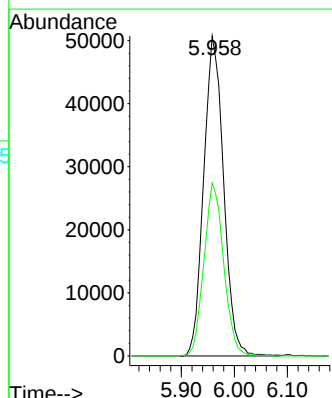
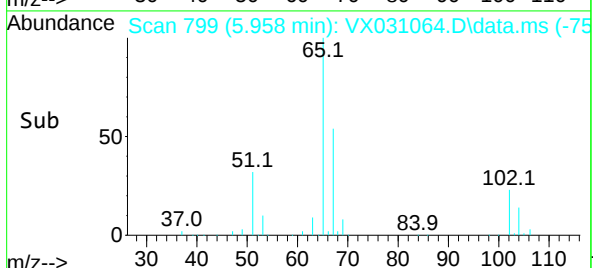
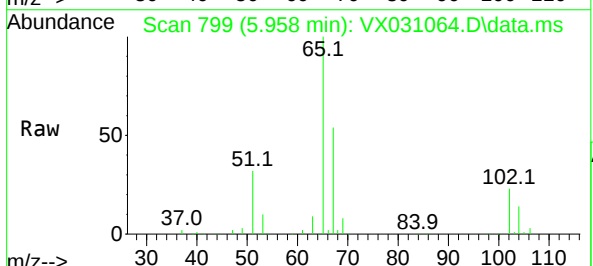


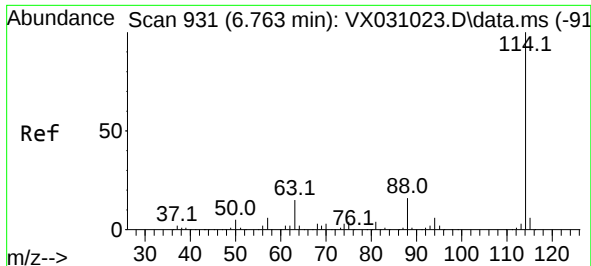
Tgt Ion: 56 Resp: 2992
Ion Ratio Lower Upper
56 100
69 239.3 25.4 38.0#
84 132.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.845 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Tgt Ion: 65 Resp: 132087
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX031064.D

Acq: 02 Sep 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

FB01-20220822

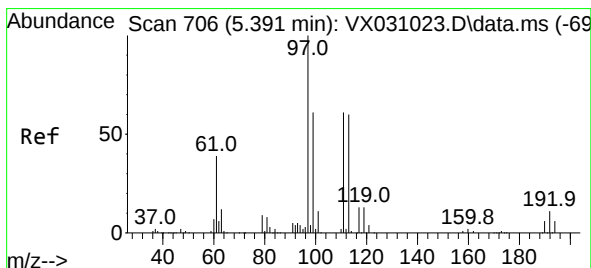
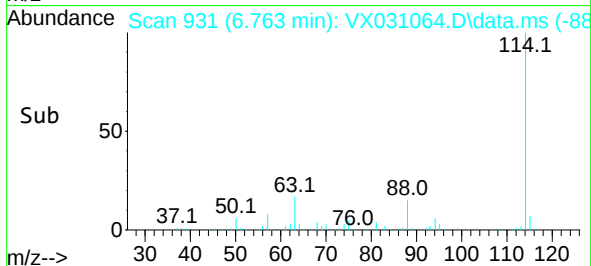
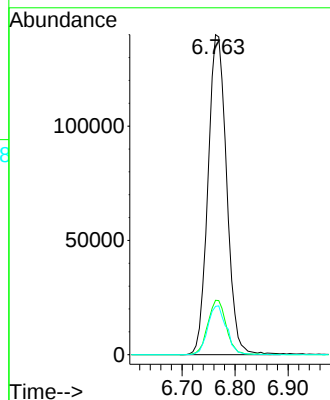
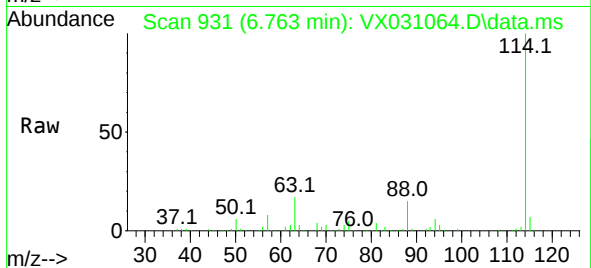
Tgt Ion:114 Resp: 341640

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.495 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031064.D

Acq: 02 Sep 2022 14:05

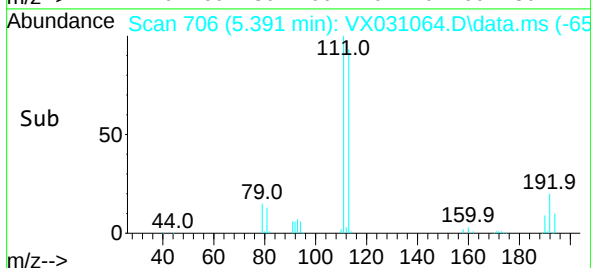
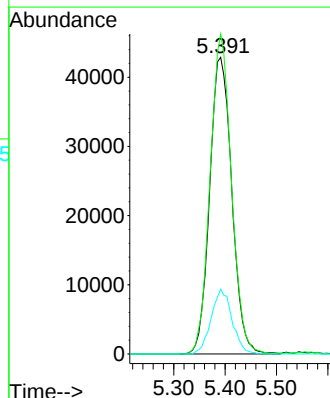
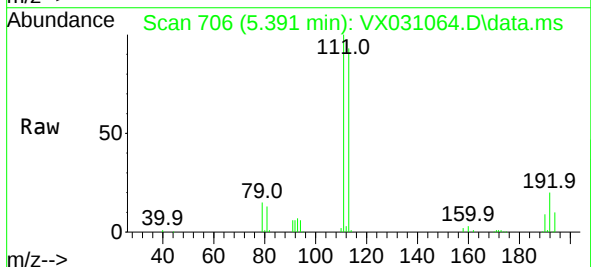
Tgt Ion:113 Resp: 128387

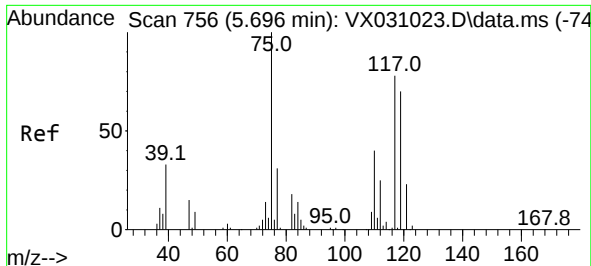
Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 20.6 14.8 22.2

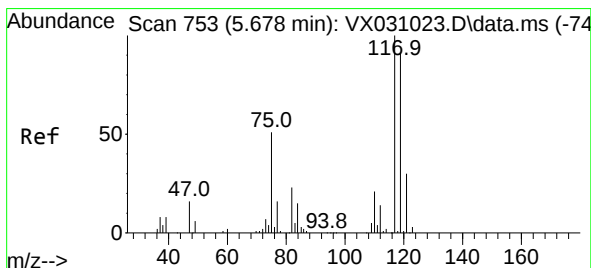
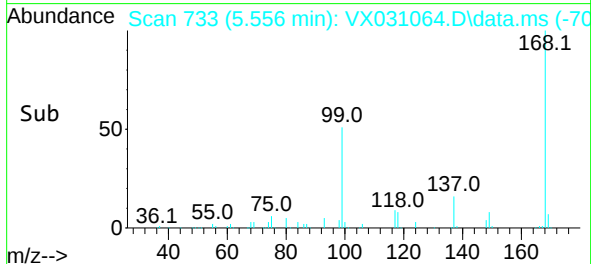
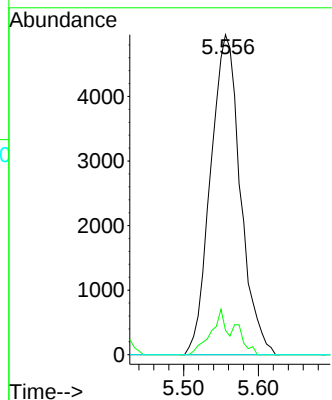
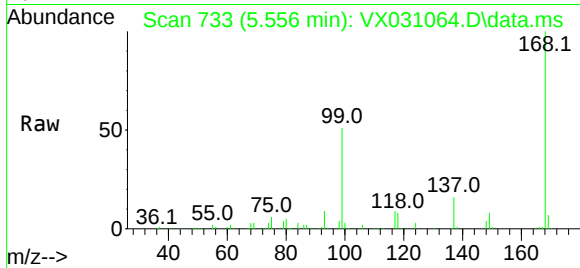




#36
1,1-Dichloropropene
Concen: 3.937 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

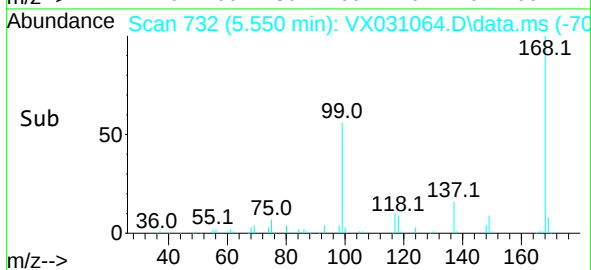
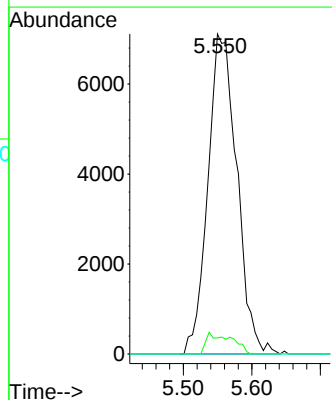
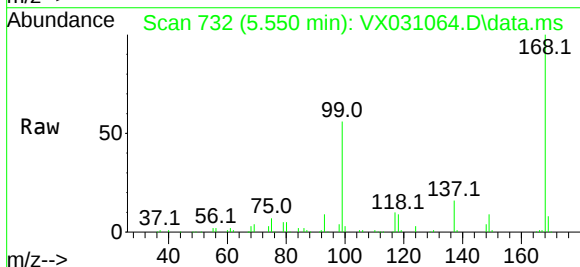
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

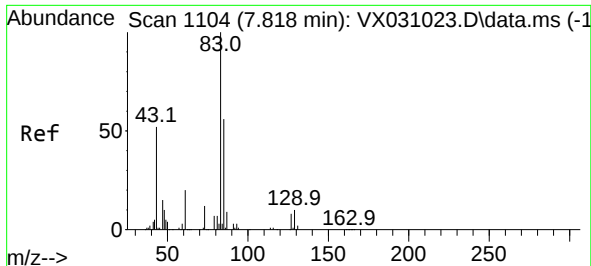
Tgt Ion: 75 Resp: 13750
Ion Ratio Lower Upper
75 100
110 7.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.763 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Tgt Ion: 117 Resp: 20889
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#

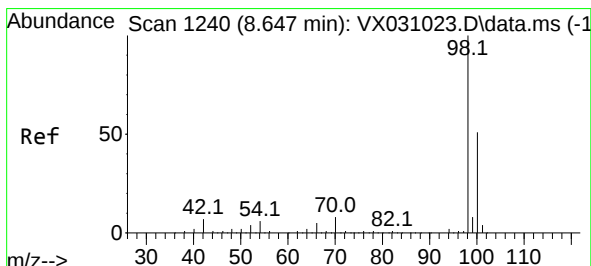
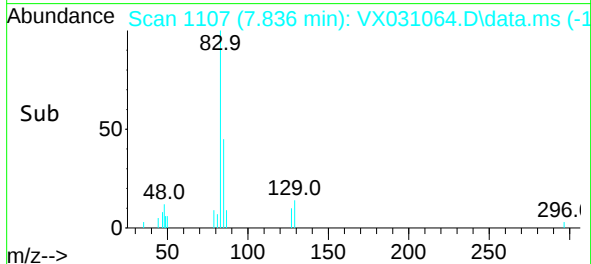
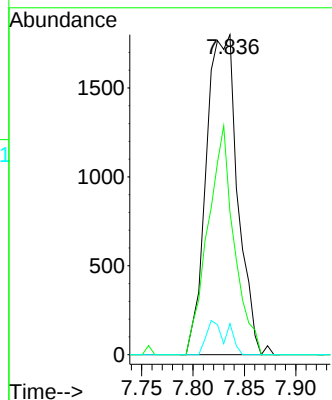
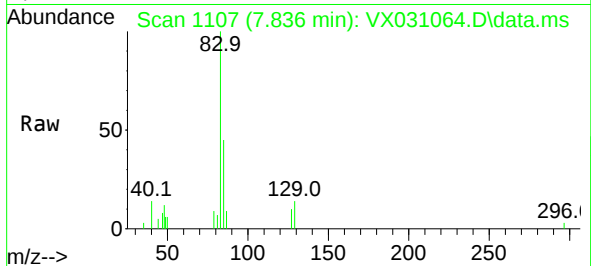




#47
Bromodichloromethane
Concen: 1.064 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

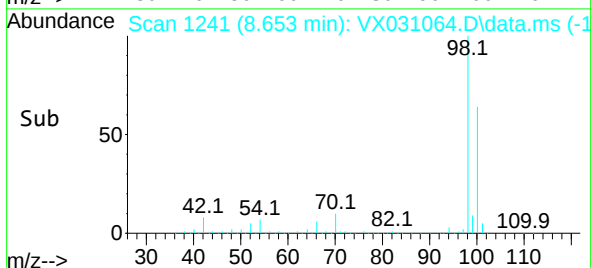
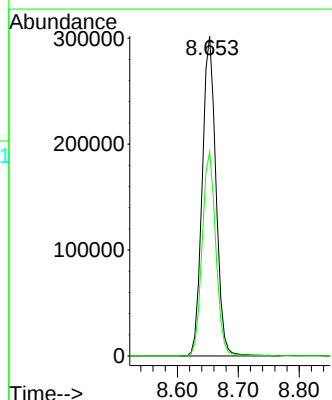
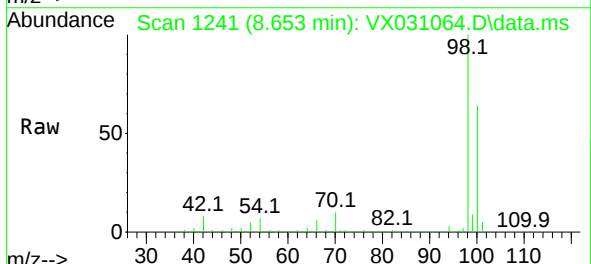
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

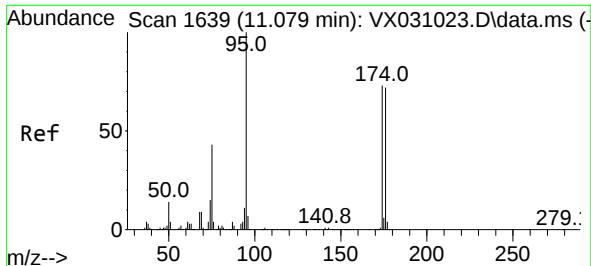
Tgt Ion: 83 Resp: 3823
Ion Ratio Lower Upper
83 100
85 44.6 53.5 80.3#
127 9.7 6.6 10.0



#50
Toluene-d8
Concen: 51.526 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Tgt Ion: 98 Resp: 472791
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5

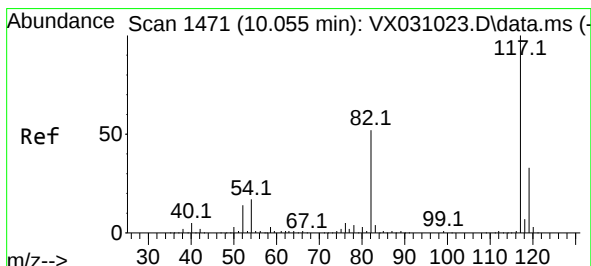
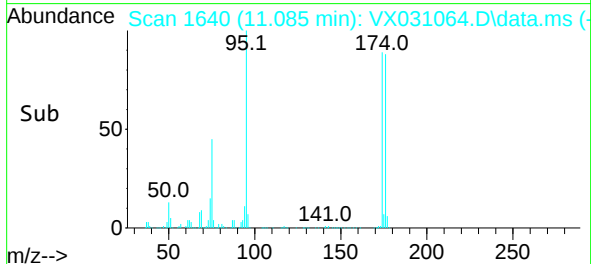
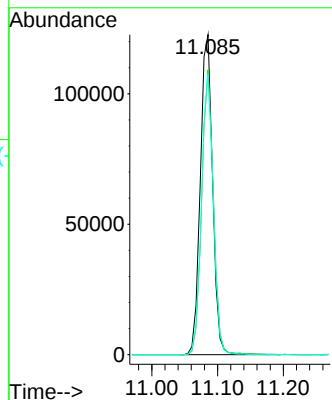
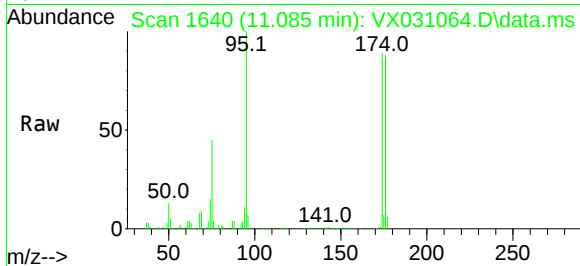




#62
4-Bromofluorobenzene
Concen: 49.118 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

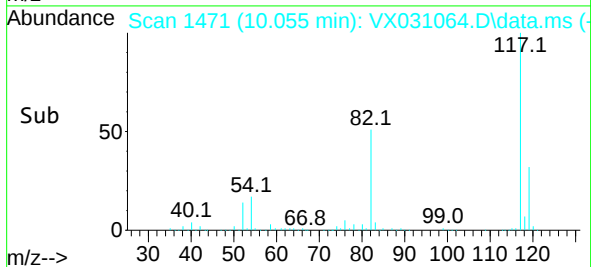
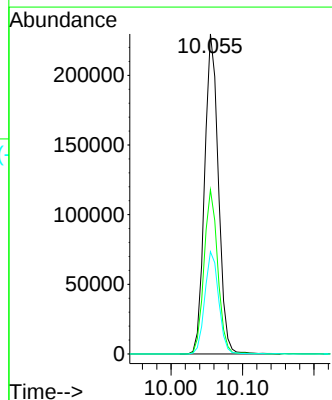
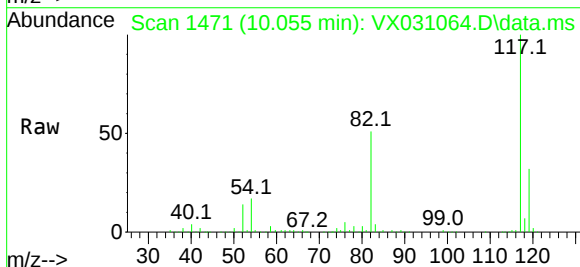
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220822

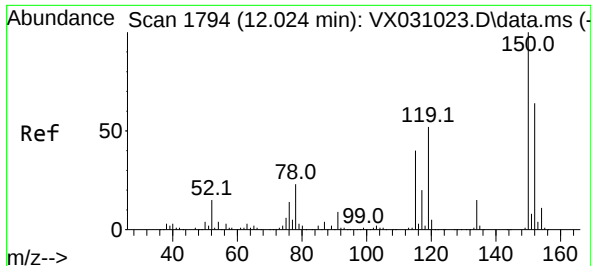
Tgt Ion: 95 Resp: 159185
Ion Ratio Lower Upper
95 100
174 85.4 0.0 149.0
176 84.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031064.D
Acq: 02 Sep 2022 14:05

Tgt Ion: 117 Resp: 307761
Ion Ratio Lower Upper
117 100
82 51.3 42.7 64.1
119 32.0 25.4 38.2

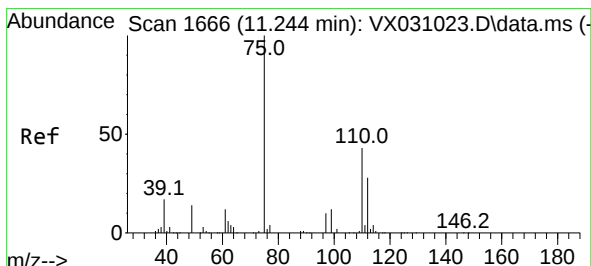
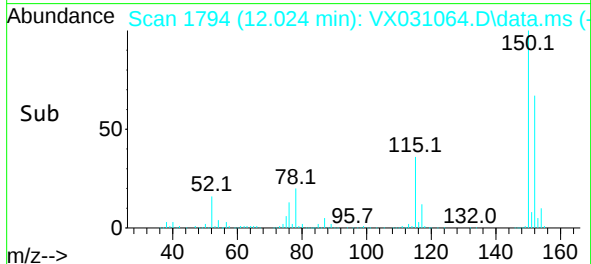
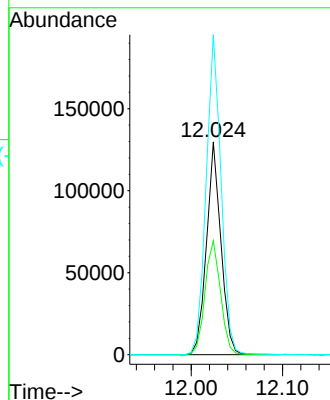
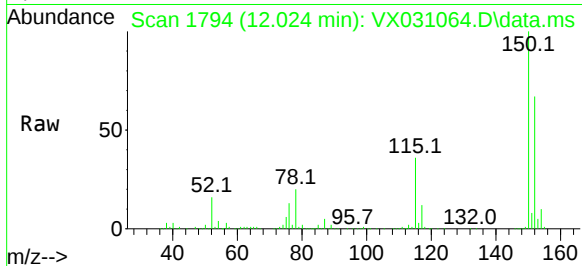




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031064.D
 Acq: 02 Sep 2022 14:05

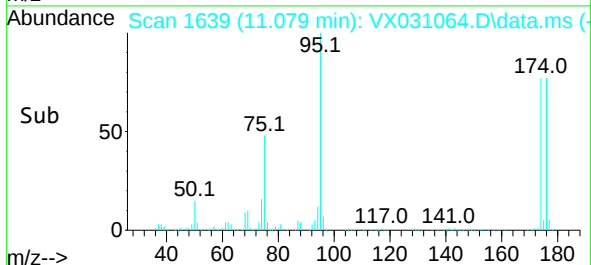
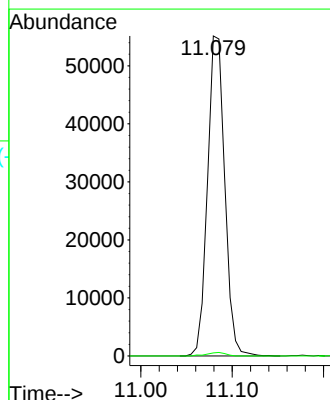
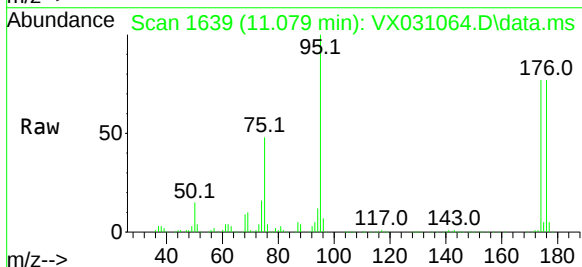
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220822

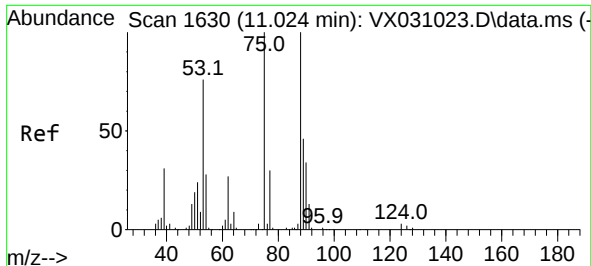
Tgt Ion:152 Resp: 142525
 Ion Ratio Lower Upper
 152 100
 115 57.3 40.5 121.5
 150 155.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.402 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031064.D
 Acq: 02 Sep 2022 14:05

Tgt Ion: 75 Resp: 72109
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#

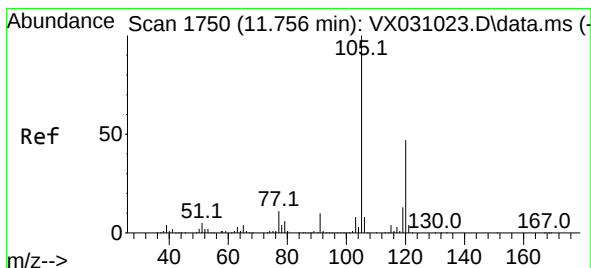
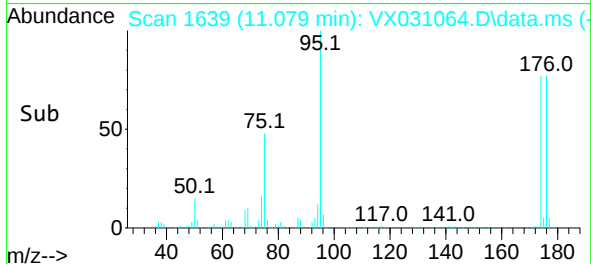
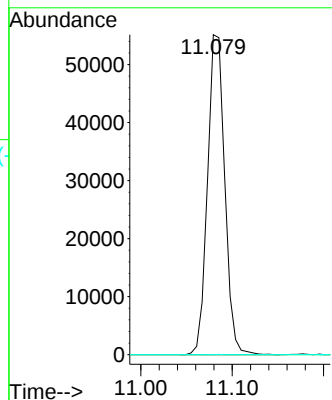
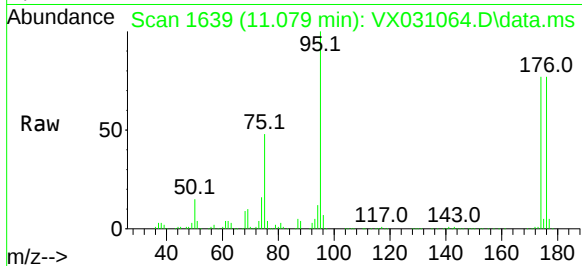




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.263 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.055 min
 Lab File: VX031064.D
 Acq: 02 Sep 2022 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220822

Tgt Ion: 75 Resp: 72109
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.357 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX031064.D
 Acq: 02 Sep 2022 14:05

Tgt Ion:105 Resp: 3429
 Ion Ratio Lower Upper
 105 100
 120 2.1 22.9 68.8#

