

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031321.D
 Acq On : 14 Sep 2022 21:25
 Operator : JC/MD
 Sample : N4492-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 06:06:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

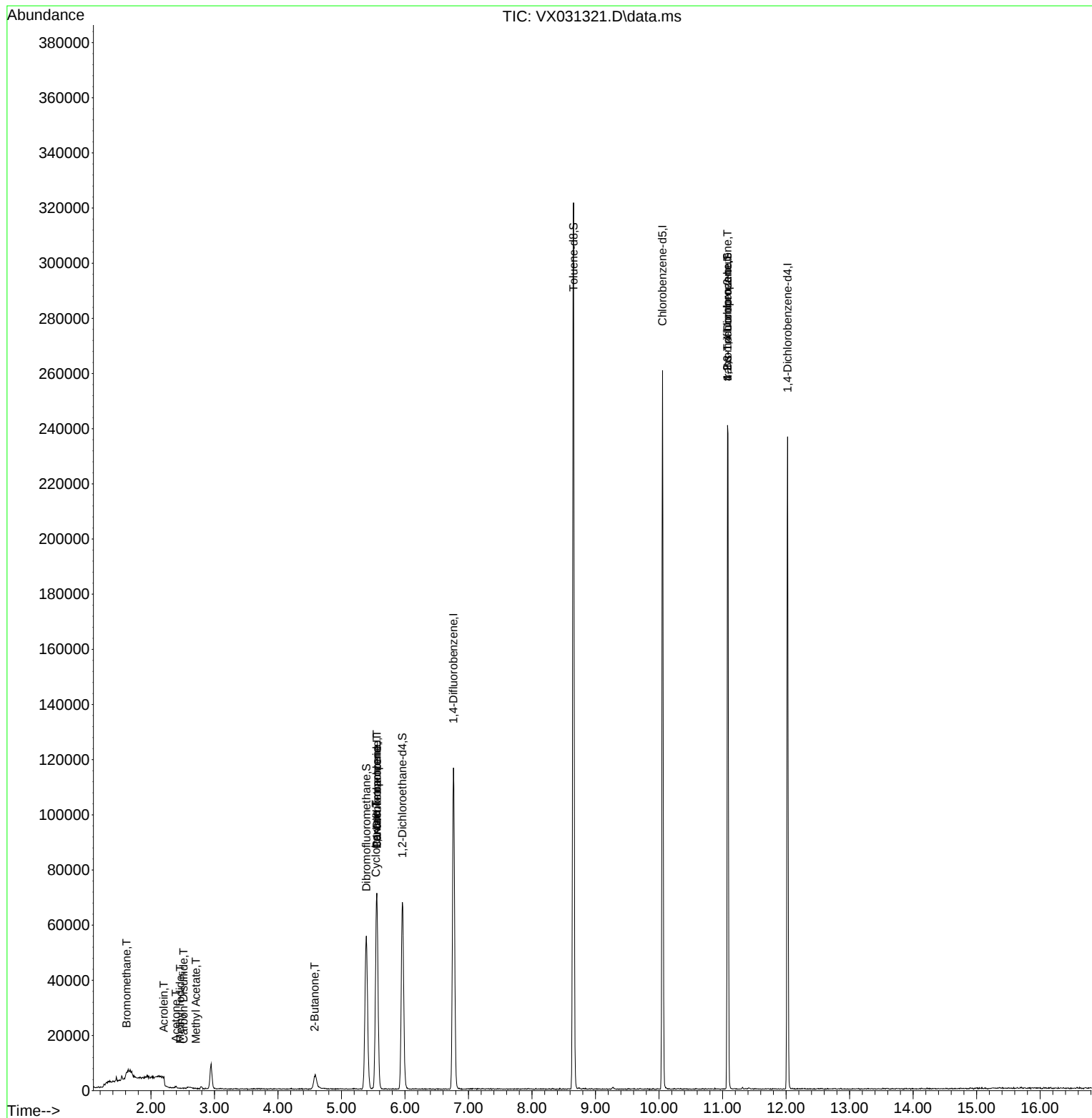
Internal Standards						
1) Pentafluorobenzene	5.556	168	61711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	111200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64941	42.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.740%
35) Dibromofluoromethane	5.391	113	46436	38.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.700%
50) Toluene-d8	8.653	98	183041	40.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	81.640%#
62) 4-Bromofluorobenzene	11.079	95	62052	37.792	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.580%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	136	Below Cal		97
5) Bromomethane	1.617	94	218	0.270	ug/l	85
10) Methyl Iodide	2.459	142	20	0.928	ug/l #	38
11) Tert butyl alcohol	2.946	59	5143	Below Cal	#	73
13) Acrolein	2.203	56	217	1.241	ug/l #	65
16) Acetone	2.392	43	1024	1.584	ug/l	95
17) Carbon Disulfide	2.514	76	151	0.952	ug/l #	75
18) Methyl Acetate	2.709	43	417	0.217	ug/l #	52
20) Methylene Chloride	2.794	84	343	Below Cal	#	83
21) trans-1,2-Dichloroethene	2.934	96	45	Below Cal	#	60
25) 2-Butanone	4.574	43	357	0.335	ug/l #	49
31) Cyclohexane	5.544	56	1991	1.223	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	6020	3.680	ug/l #	49
38) Carbon Tetrachloride	5.556	117	6927	3.895	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	35475	32.547	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35475	90.059	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
Data File : VX031321.D
Acq On : 14 Sep 2022 21:25
Operator : JC/MD
Sample : N4492-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 15 06:06:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX031321.D

Acq: 14 Sep 2022 21:25

Instrument :

MSVOA_X

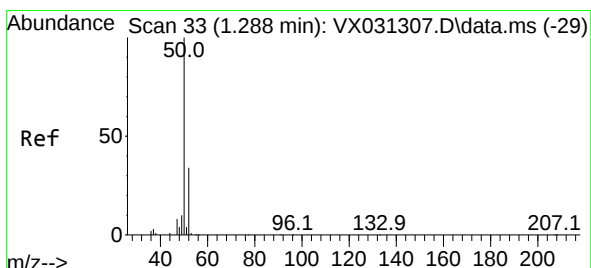
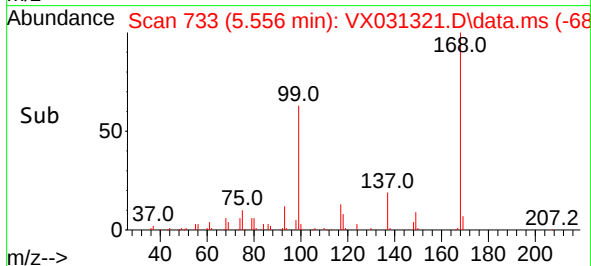
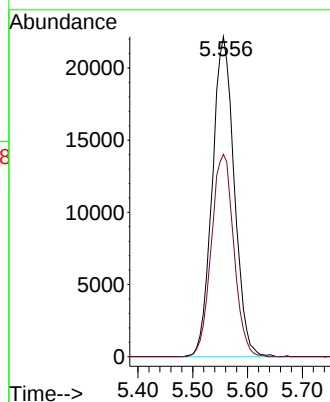
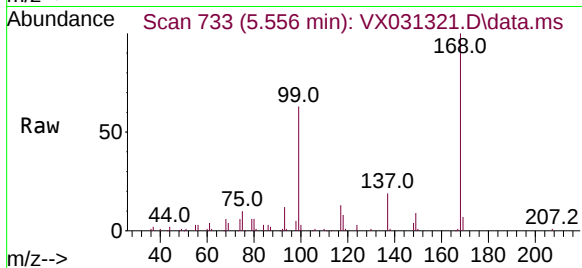
ClientSampleId :

Tgt Ion:168 Resp: 61711

Ion Ratio Lower Upper

168 100

99 63.2 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX031321.D

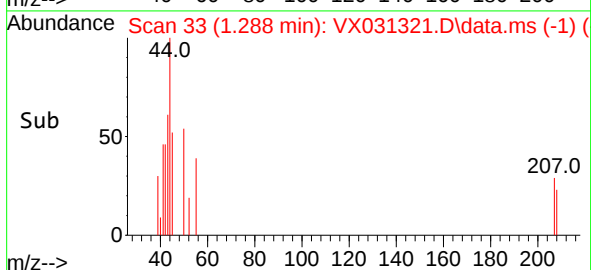
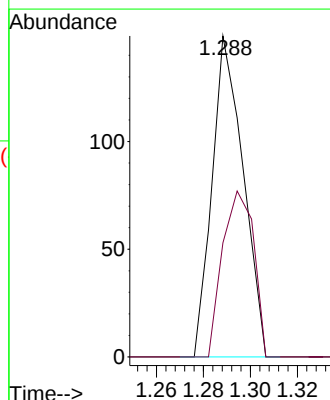
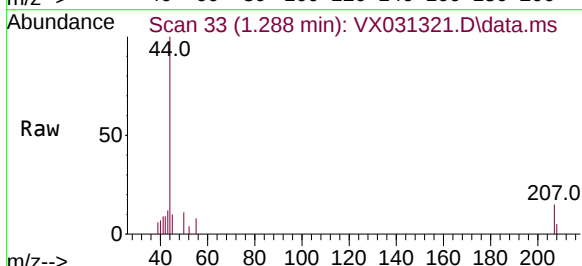
Acq: 14 Sep 2022 21:25

Tgt Ion: 50 Resp: 136

Ion Ratio Lower Upper

50 100

52 35.6 26.9 40.3

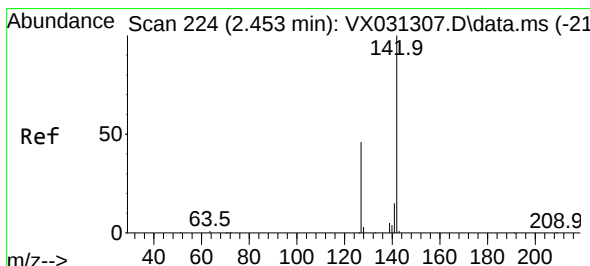
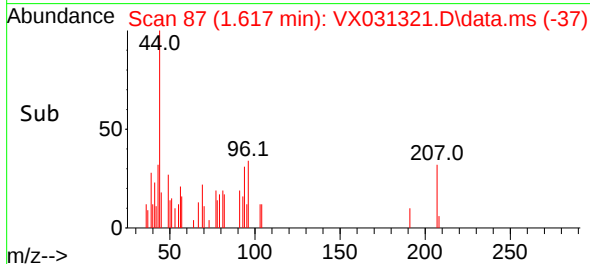
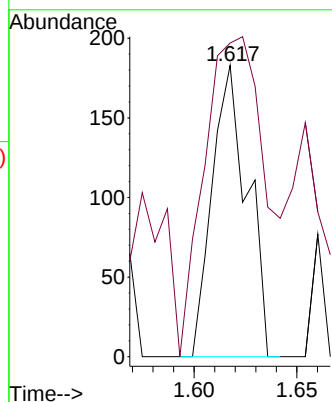
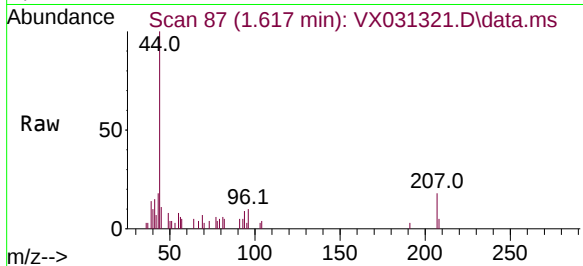




#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

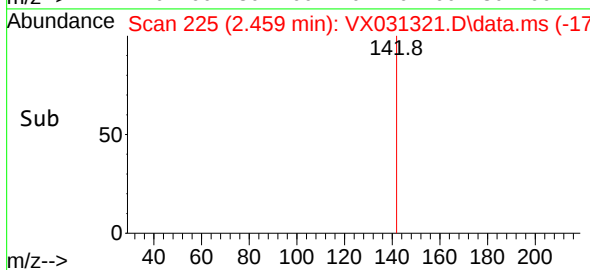
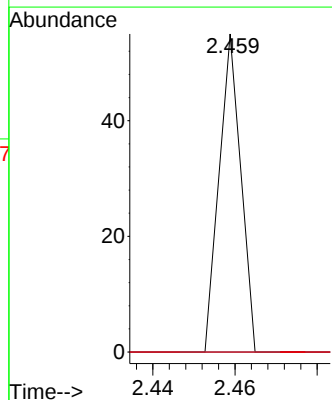
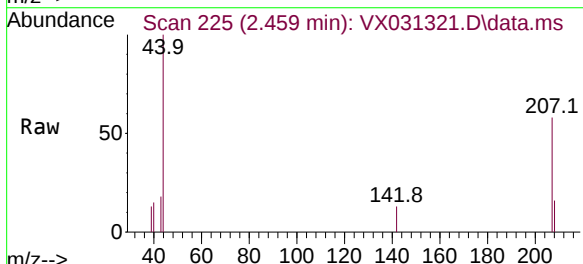
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 107.7 74.4 111.6



#10
Methyl Iodide
Concen: 0.928 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

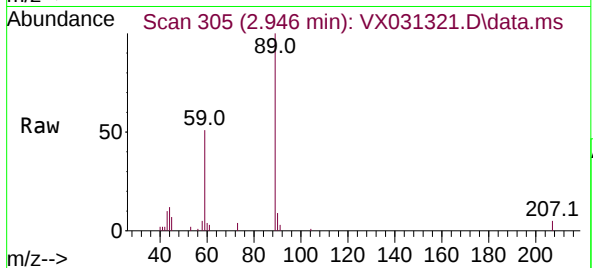
Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



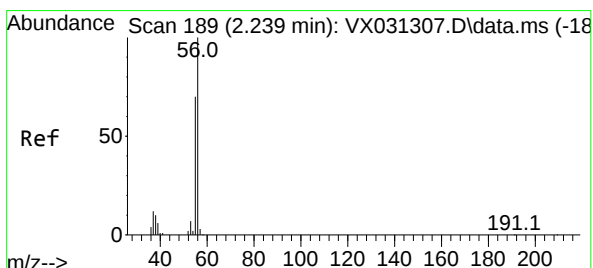
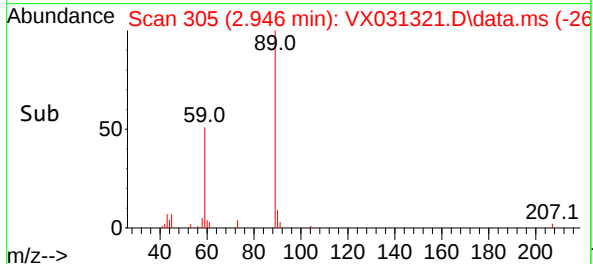
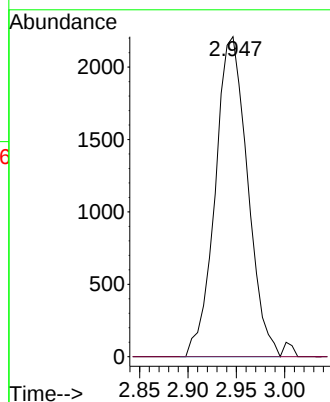


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

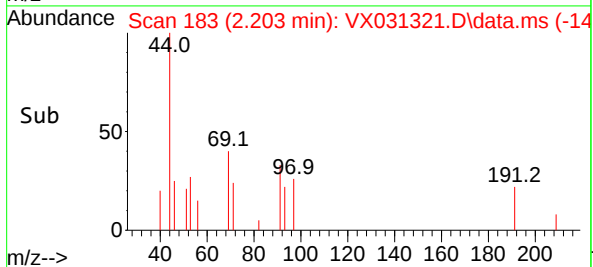
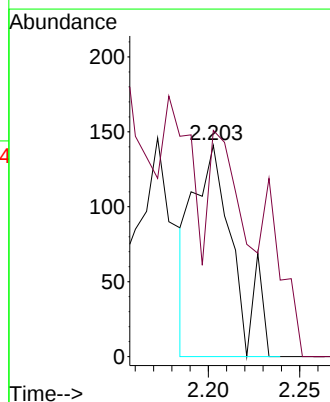
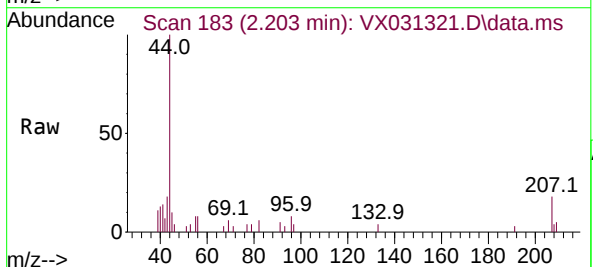


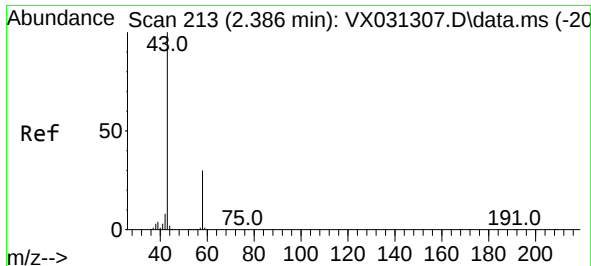
Tgt Ion: 59 Resp: 5143
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 1.241 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 41.0 56.0 84.0#

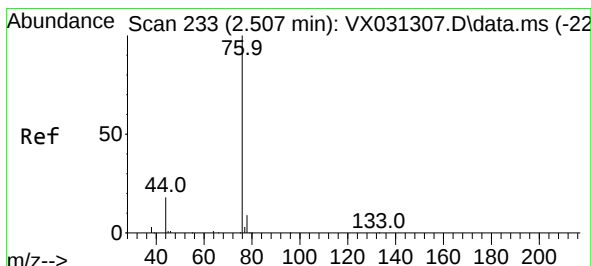
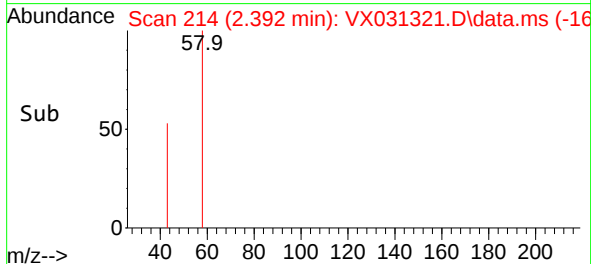
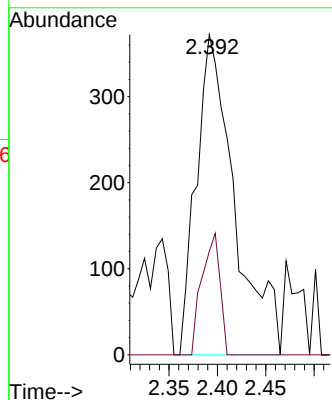
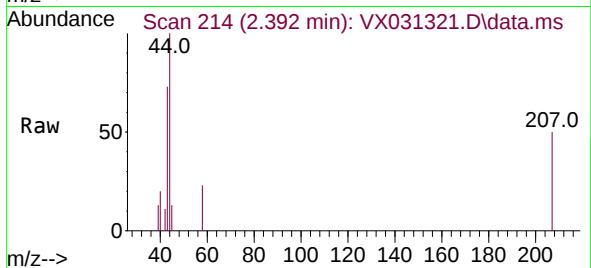




#16
Acetone
Concen: 1.584 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

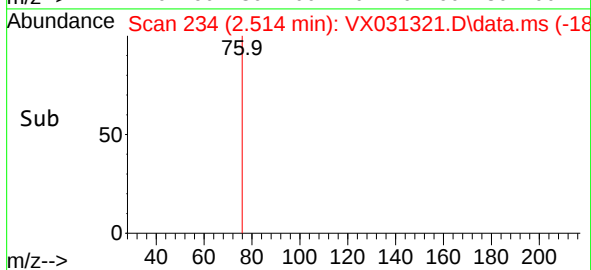
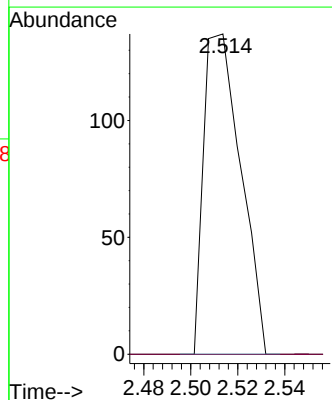
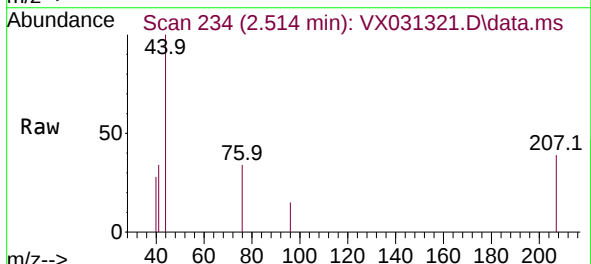
Instrument :
MSVOA_X
ClientSampleId :

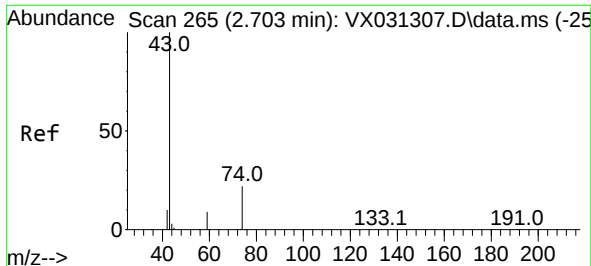
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.8



#17
Carbon Disulfide
Concen: 0.952 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Tgt Ion: 76 Resp: 151
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

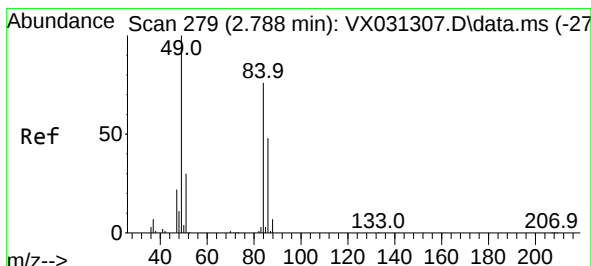
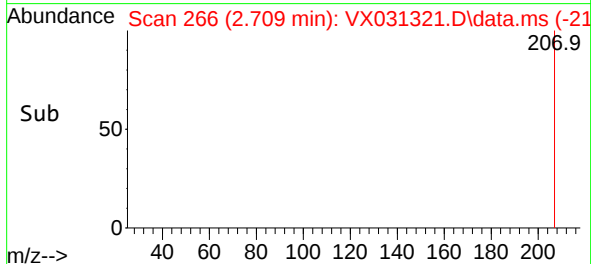
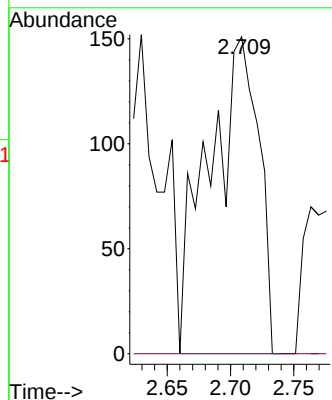
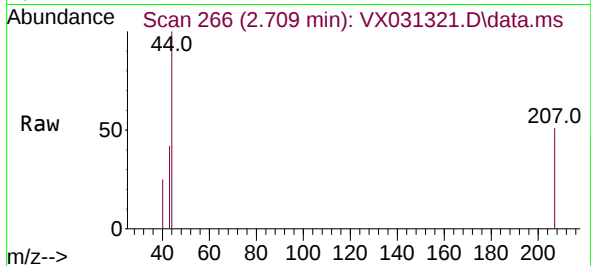




#18
Methyl Acetate
Concen: 0.217 ug/l
RT: 2.709 min Scan# 207
Delta R.T. 0.006 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

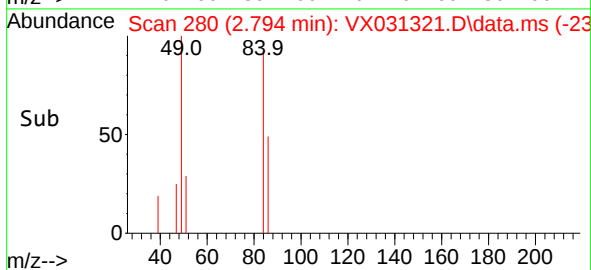
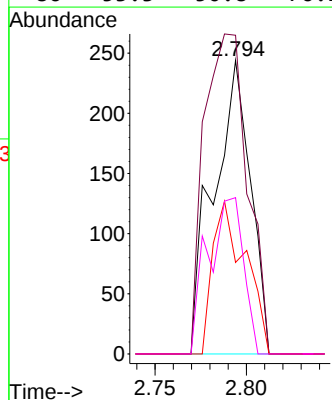
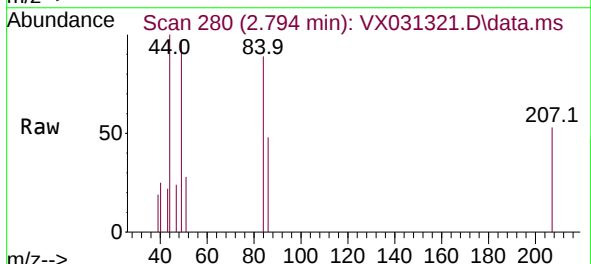
Instrument :
MSVOA_X
ClientSampleId :

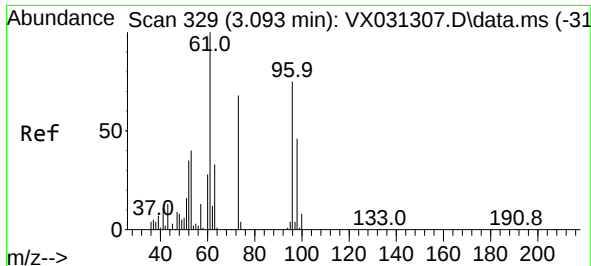
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

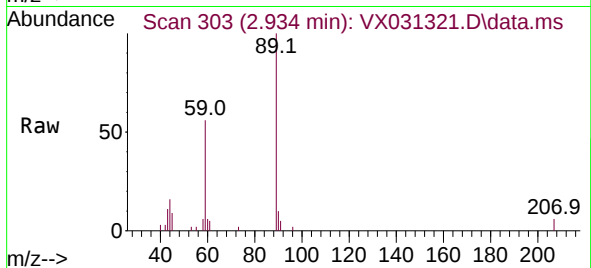
Tgt Ion: 84 Resp: 343
Ion Ratio Lower Upper
84 100
49 108.6 105.9 158.9
51 31.1 32.2 48.2#
86 53.3 50.8 76.2



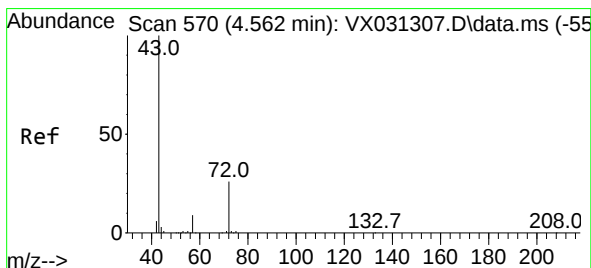
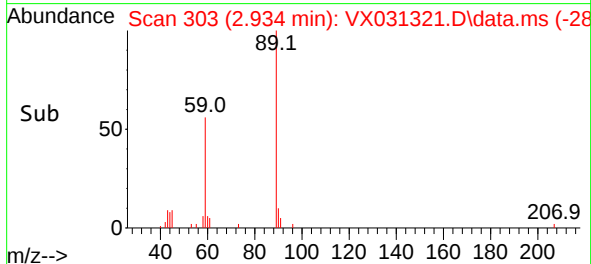
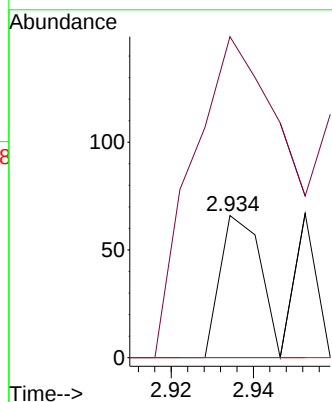


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.934 min Scan# 30
Delta R.T. -0.159 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

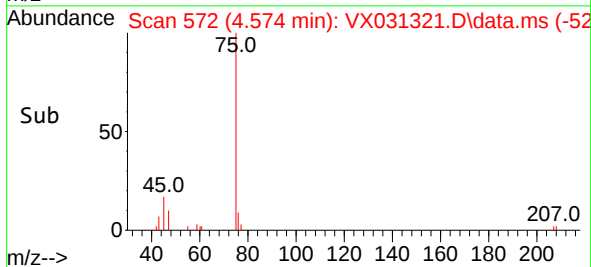
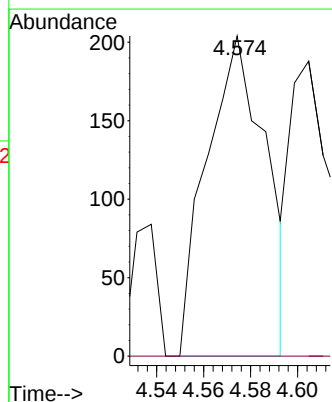
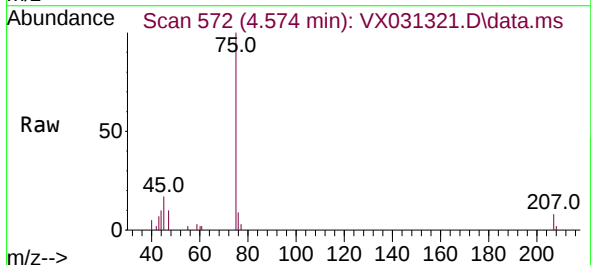


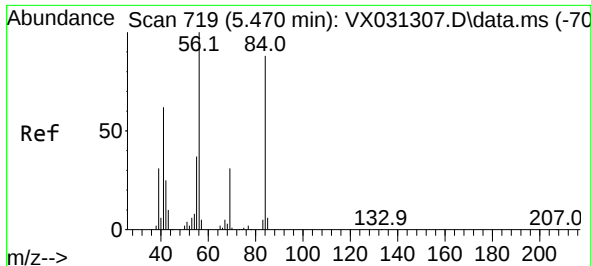
Tgt Ion: 96 Resp: 45
Ion Ratio Lower Upper
96 100
61 107.6 106.7 160.1
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.335 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

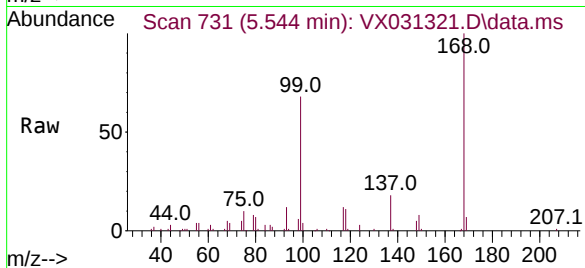
Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



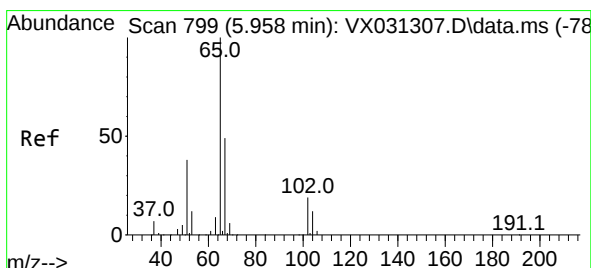
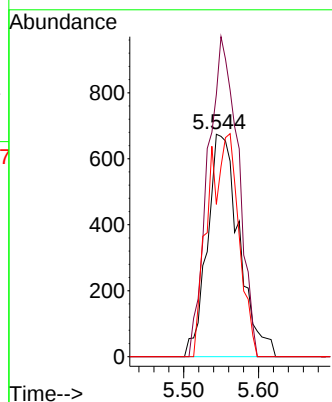
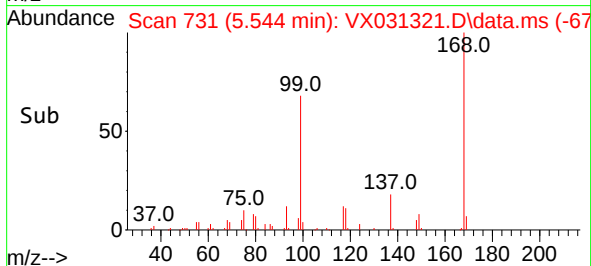


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

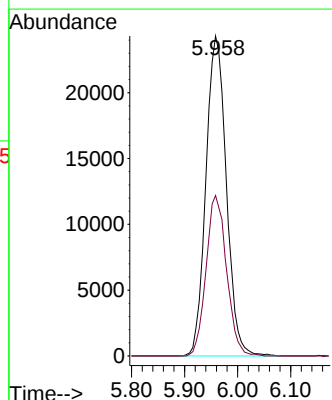
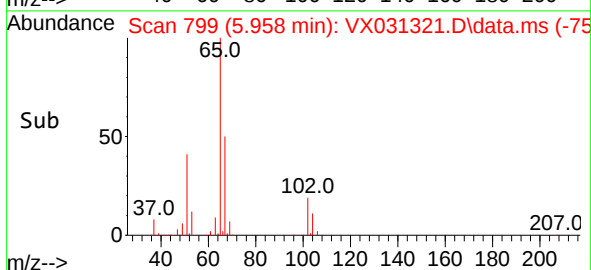
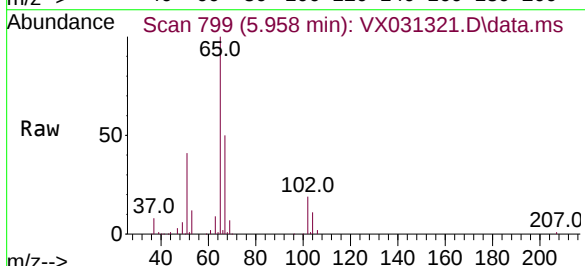


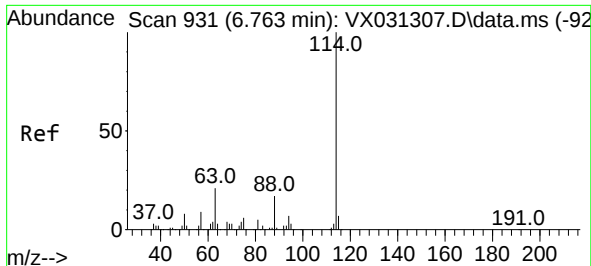
Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
69 118.0 25.1 37.7#
84 68.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 42.873 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

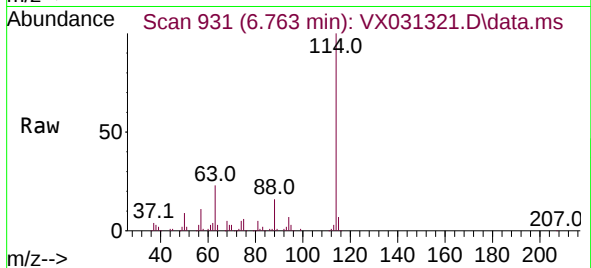
Tgt Ion: 65 Resp: 64941
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4



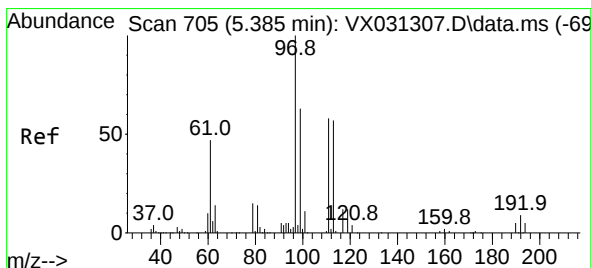
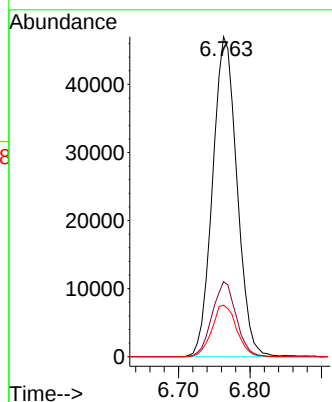
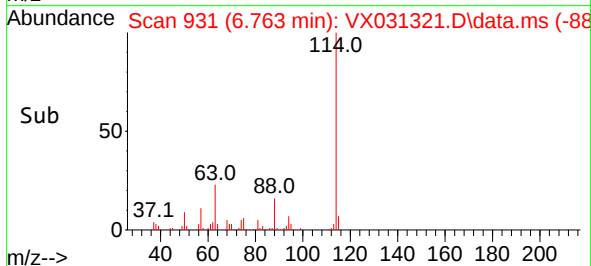


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

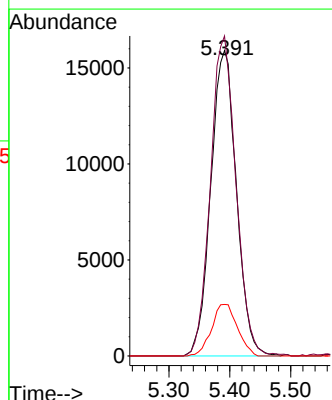
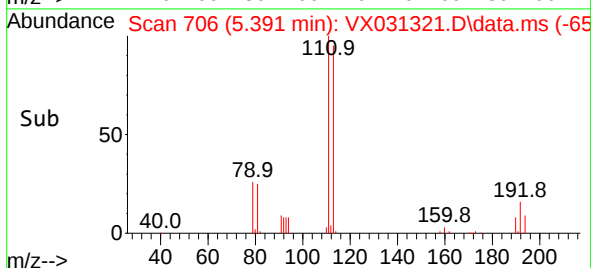
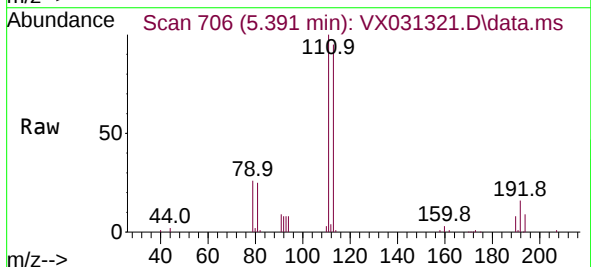


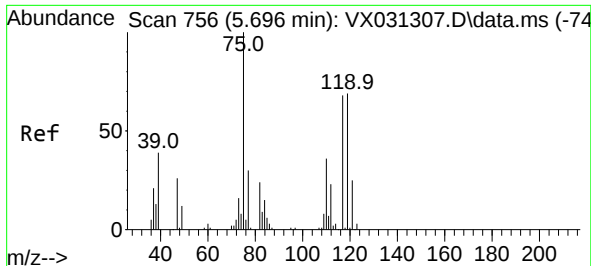
Tgt Ion:114 Resp: 111200
Ion Ratio Lower Upper
114 100
63 23.4 0.0 42.6
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 38.848 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Tgt Ion:113 Resp: 46436
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 17.0 14.1 21.1

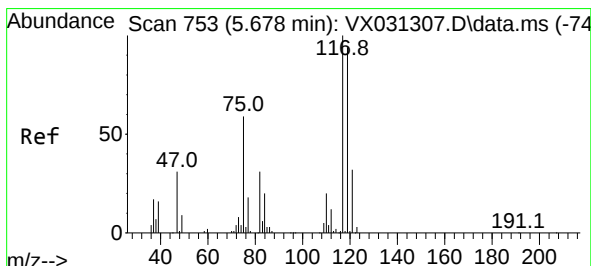
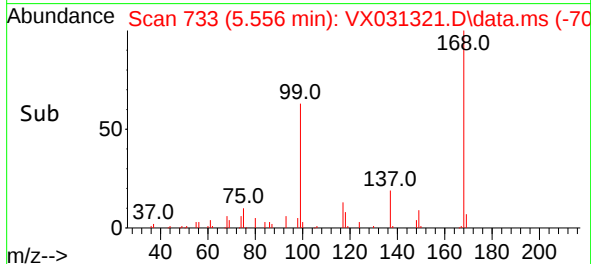
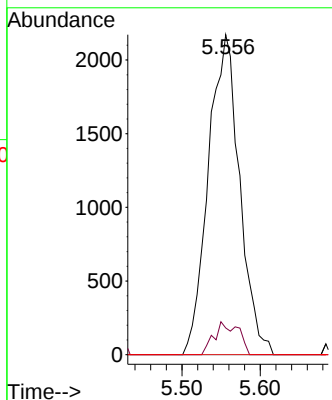
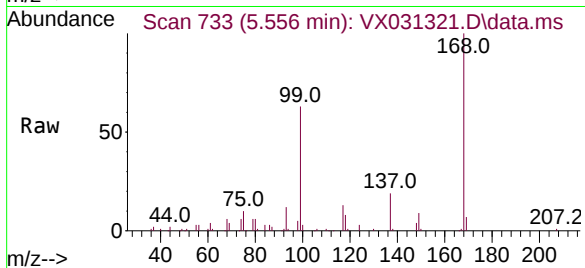




#36
1,1-Dichloropropene
Concen: 3.680 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

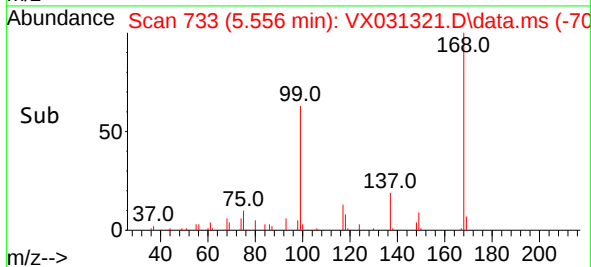
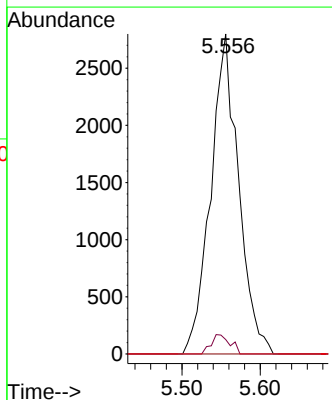
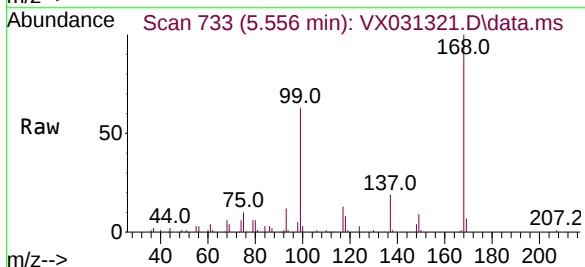
Instrument :
MSVOA_X
ClientSampleId :

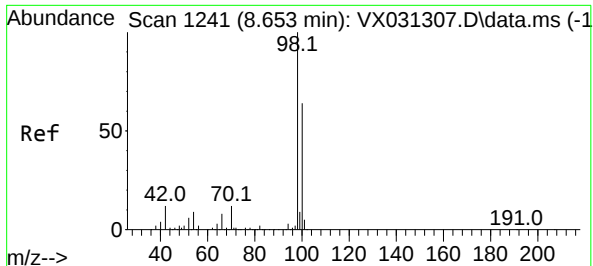
Tgt Ion: 75 Resp: 6020
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.895 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Tgt Ion: 117 Resp: 6927
Ion Ratio Lower Upper
117 100
119 4.5 74.6 112.0#
121 0.0 25.3 37.9#

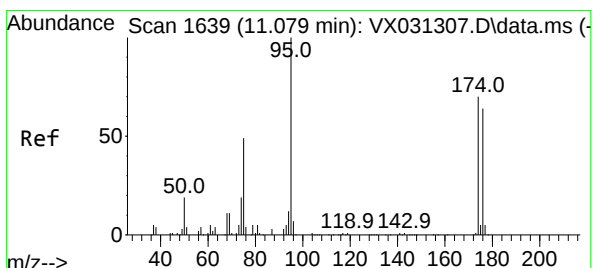
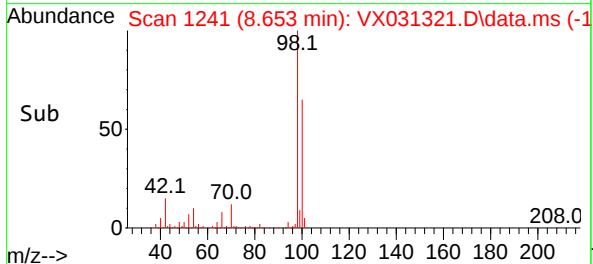
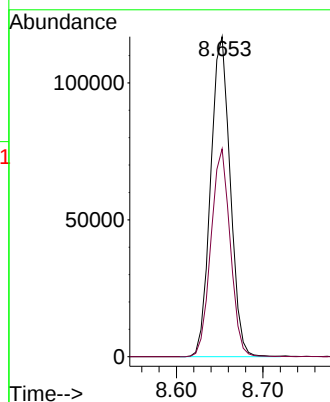
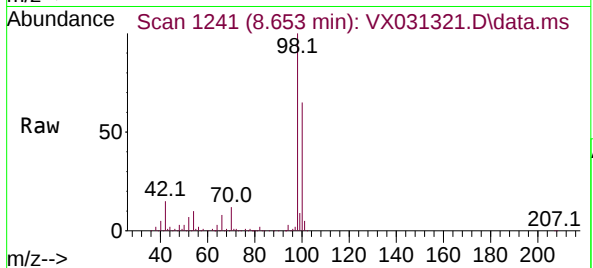




#50
Toluene-d8
Concen: 40.823 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

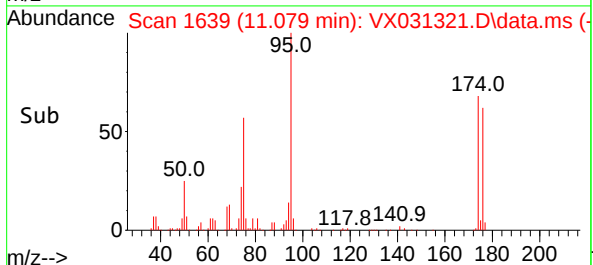
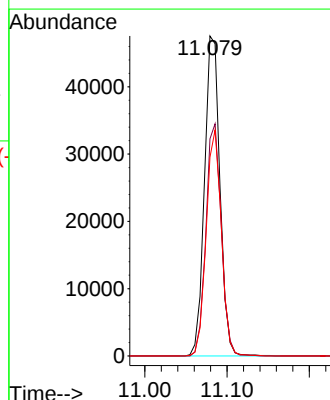
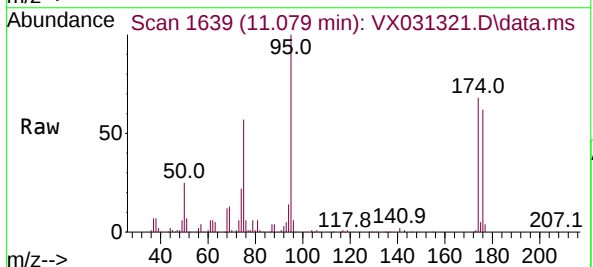
Instrument :
MSVOA_X
ClientSampleId :

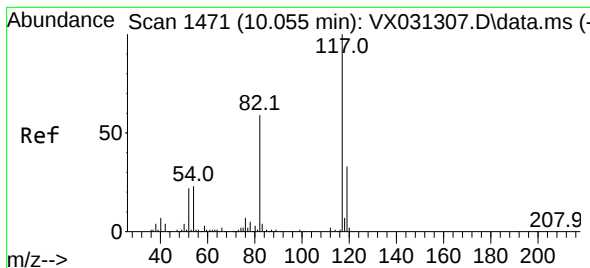
Tgt Ion: 98 Resp: 183041
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 37.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Tgt Ion: 95 Resp: 62052
Ion Ratio Lower Upper
95 100
174 72.0 0.0 153.2
176 69.5 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

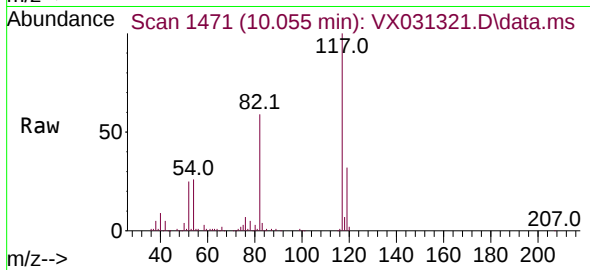
Lab File: VX031321.D

Acq: 14 Sep 2022 21:25

Instrument :

MSVOA_X

ClientSampleId :



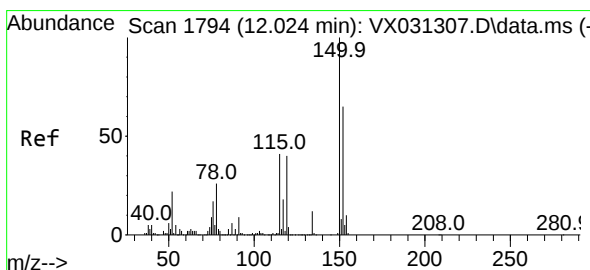
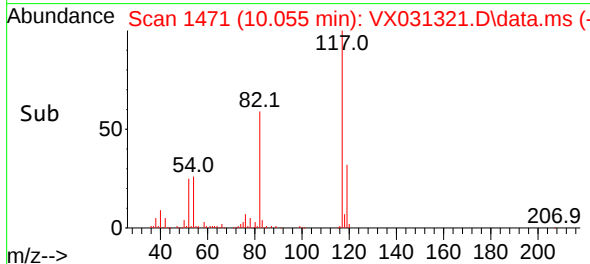
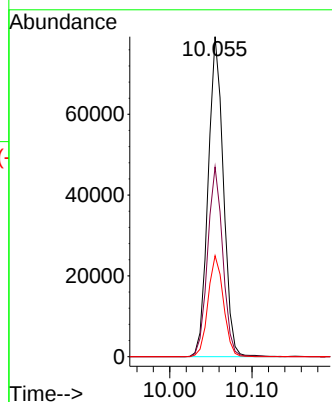
Tgt Ion:117 Resp: 102008

Ion Ratio Lower Upper

117 100

82 59.3 46.8 70.2

119 31.5 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031321.D

Acq: 14 Sep 2022 21:25

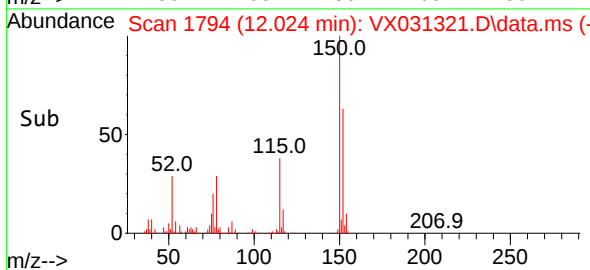
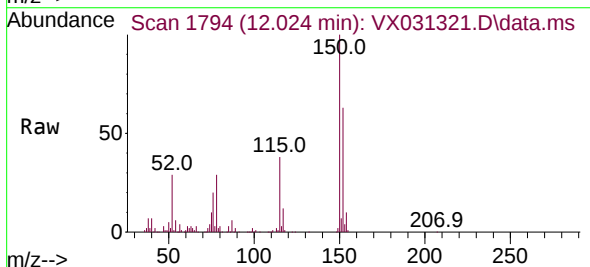
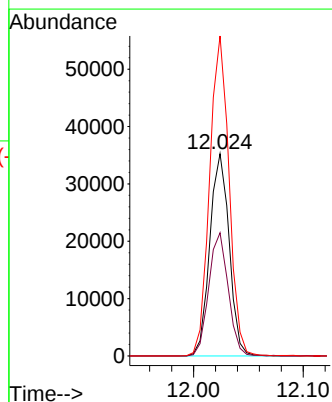
Tgt Ion:152 Resp: 43252

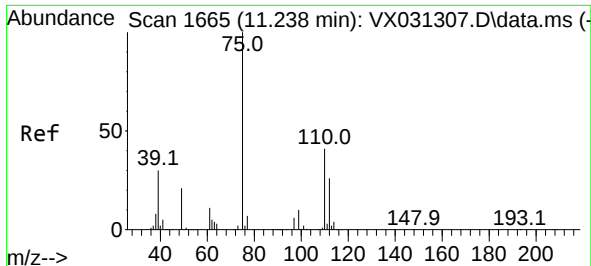
Ion Ratio Lower Upper

152 100

115 61.3 43.4 130.1

150 158.4 0.0 346.8

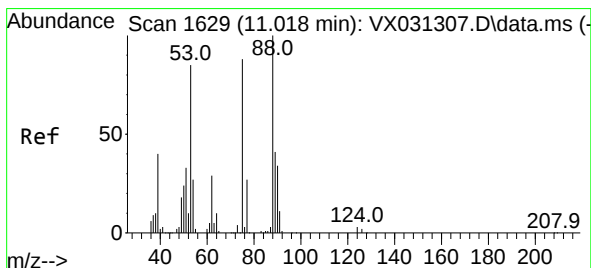
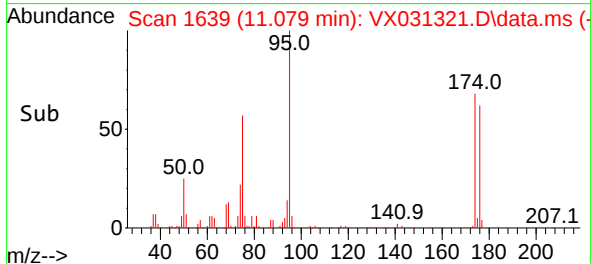
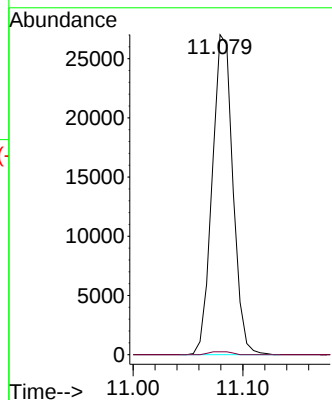
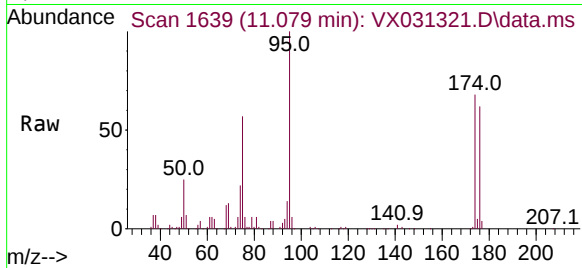




#76
1,2,3-Trichloropropane
Concen: 32.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35475
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031321.D
Acq: 14 Sep 2022 21:25

Tgt Ion: 75 Resp: 35475
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

