

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031095.D
 Acq On : 03 Sep 2022 20:11
 Operator : JC/MD
 Sample : N4357-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20220823

Quant Time: Sep 06 00:16:53 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)

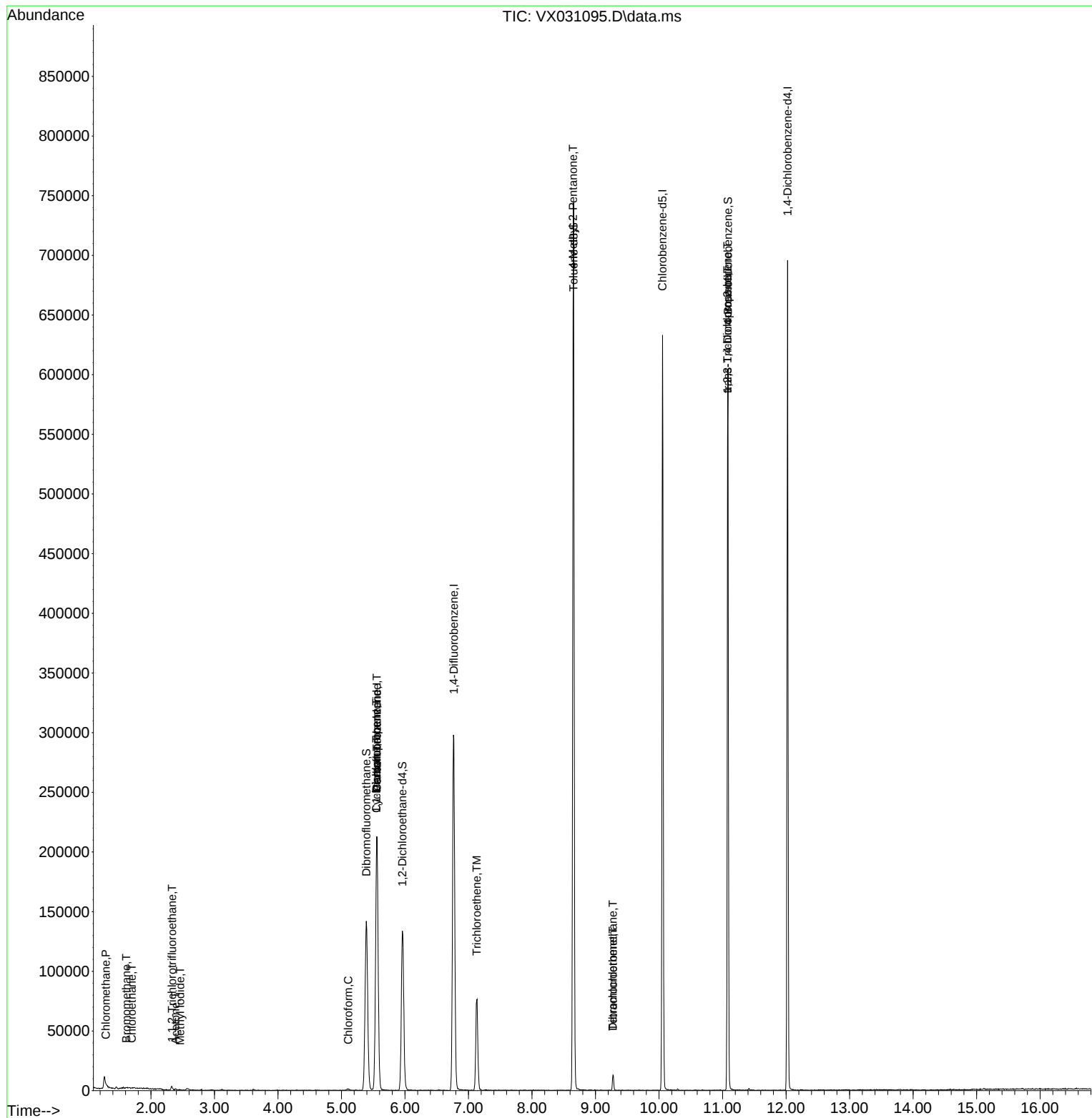
Internal Standards						
1) Pentafluorobenzene	5.556	168	211984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133806	49.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	5.391	113	126394	51.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.440%		
50) Toluene-d8	8.653	98	457218	50.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.660%		
62) 4-Bromofluorobenzene	11.085	95	156565	49.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.560%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	545	0.958	ug/l #	42
5) Bromomethane	1.611	94	234	0.230	ug/l #	61
6) Chloroethane	1.697	64	368	1.952	ug/l #	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	1129	0.443	ug/l	96
10) Methyl Iodide	2.459	142	680	3.168	ug/l #	89
11) Tert butyl alcohol	2.971	59	61	Below Cal	#	74
16) Acetone	2.386	43	1252	1.189	ug/l	97
20) Methylene Chloride	2.788	84	259	Below Cal	#	22
30) Chloroform	5.105	83	1577	0.324	ug/l	89
31) Cyclohexane	5.550	56	3441	0.924	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13783	4.026	ug/l #	45
38) Carbon Tetrachloride	5.556	117	20199	5.685	ug/l #	18
44) Trichloroethene	7.129	130	32888	10.572	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1480	0.495	ug/l #	1
60) Dibromochloromethane	9.275	129	2477	0.880	ug/l #	11
64) Tetrachloroethene	9.275	164	2563	0.833	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	73547	20.685	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	73547	65.008	ug/l #	13

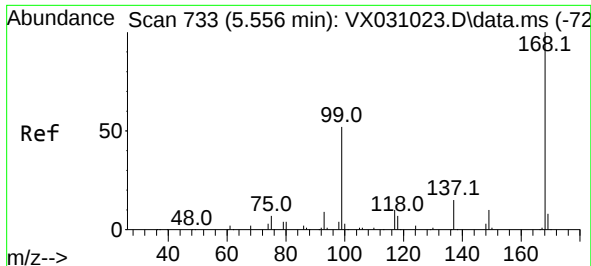
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

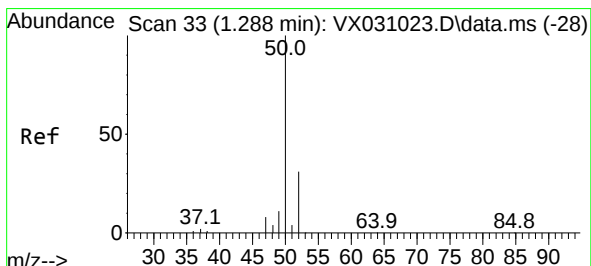
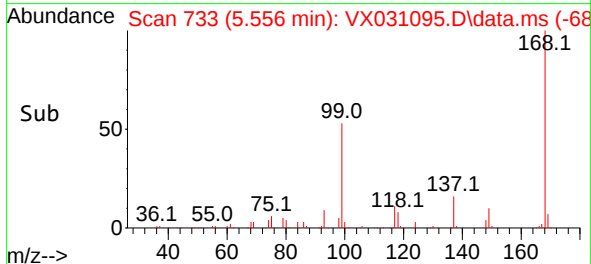
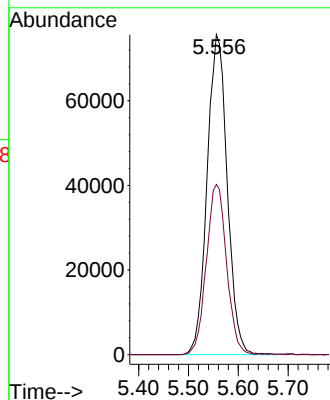
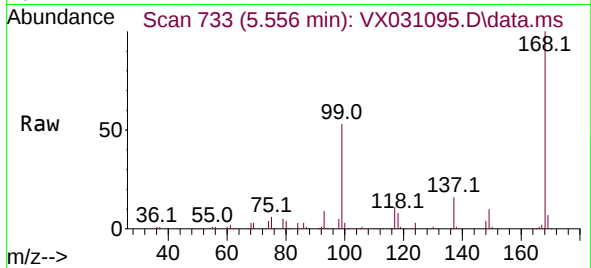




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

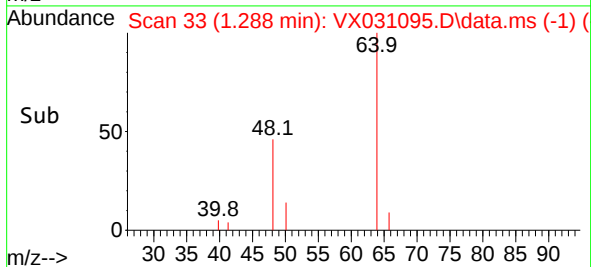
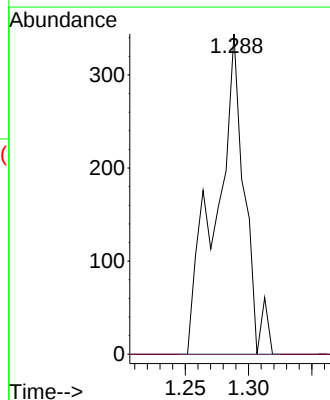
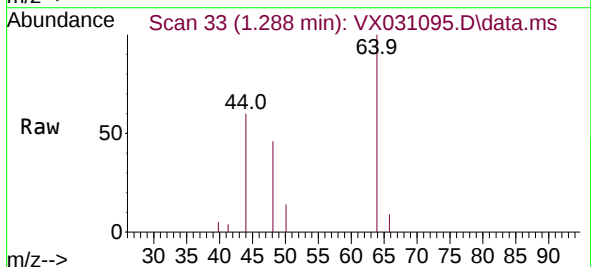
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

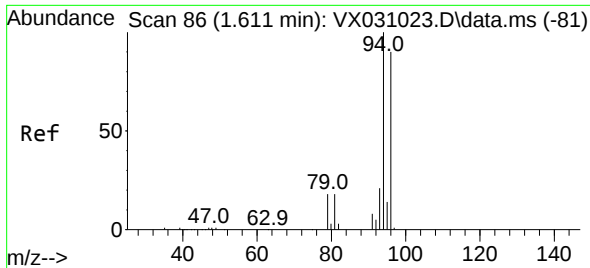
Tgt Ion:168 Resp: 211984
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#3
Chloromethane
Concen: 0.958 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 50 Resp: 545
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

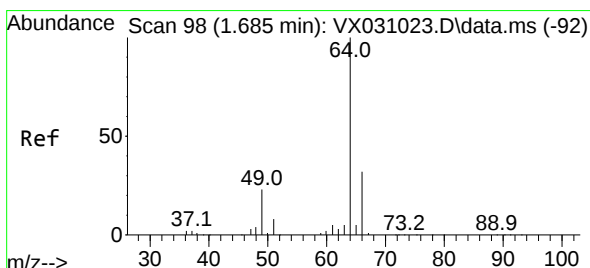
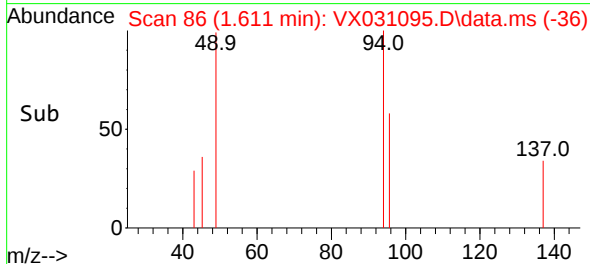
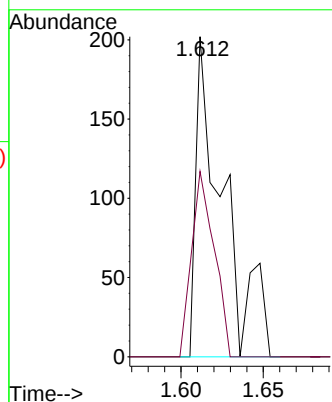
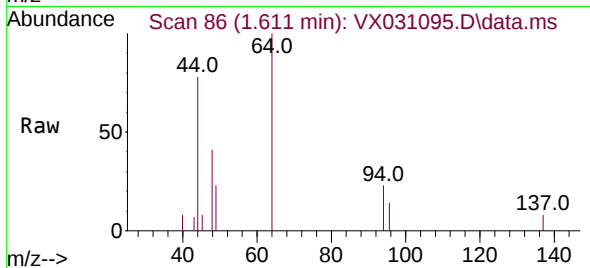




#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.611 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

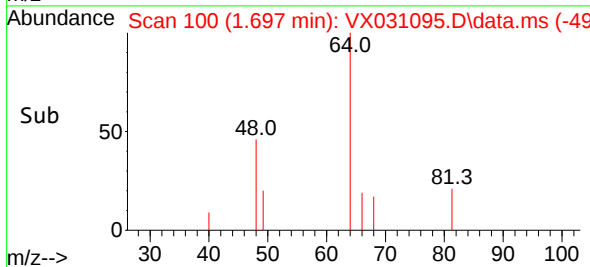
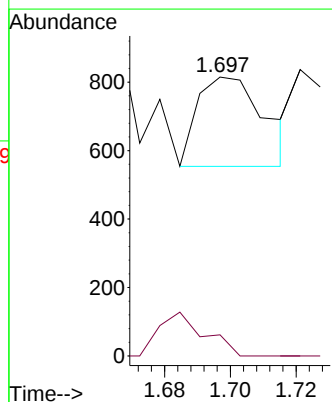
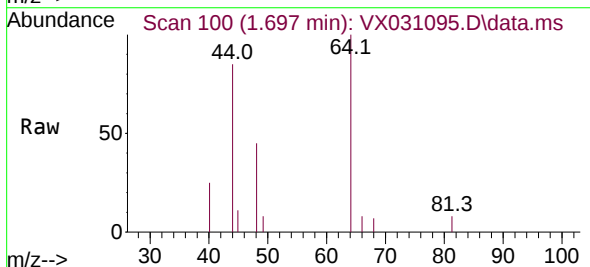
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

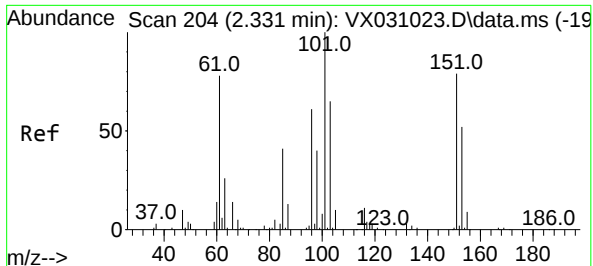
Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 57.9 76.9 115.3#



#6
Chloroethane
Concen: 1.952 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 64 Resp: 368
Ion Ratio Lower Upper
64 100
66 23.8 27.2 40.8#

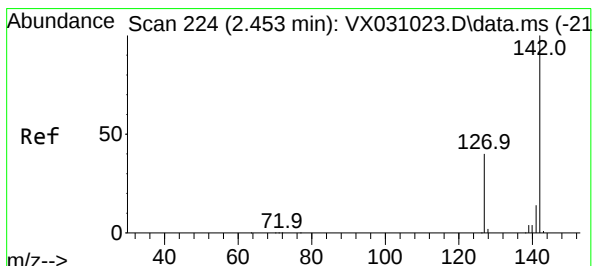
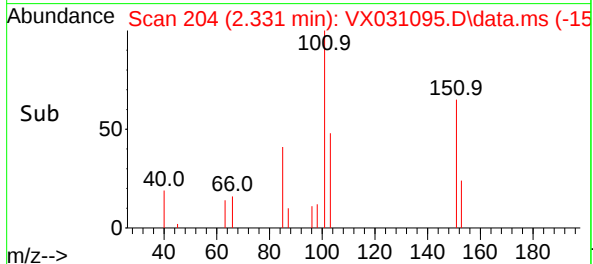
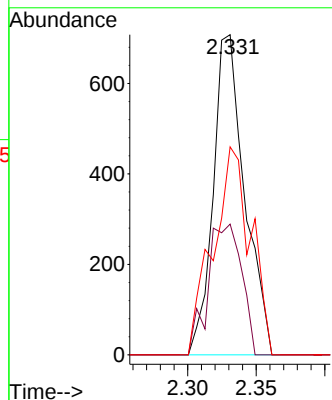
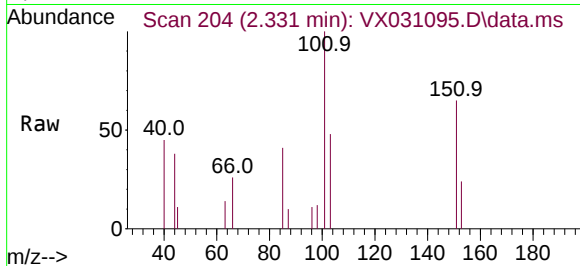




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.443 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

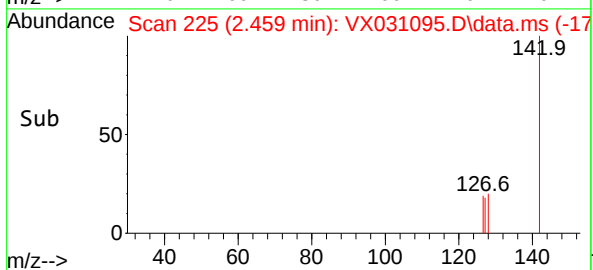
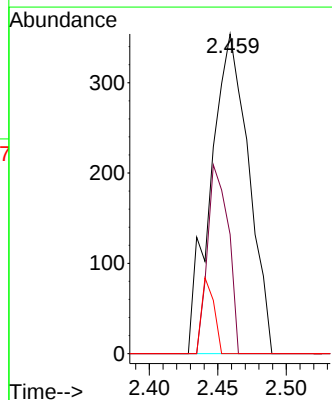
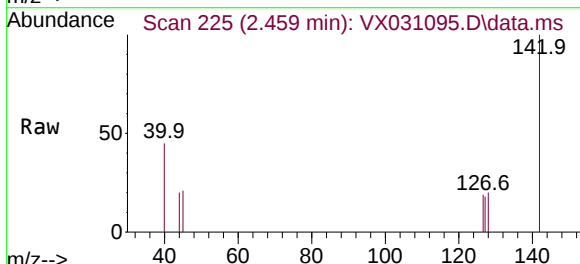
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

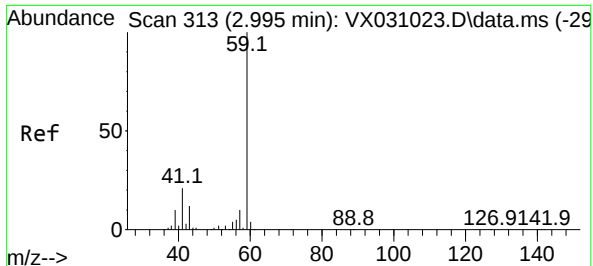
Tgt Ion:101 Resp: 1129
Ion Ratio Lower Upper
101 100
85 43.8 34.0 51.0
151 77.9 59.4 89.0



#10
Methyl Iodide
Concen: 3.168 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion:142 Resp: 680
Ion Ratio Lower Upper
142 100
127 32.4 30.2 45.2
141 7.6 11.3 16.9#

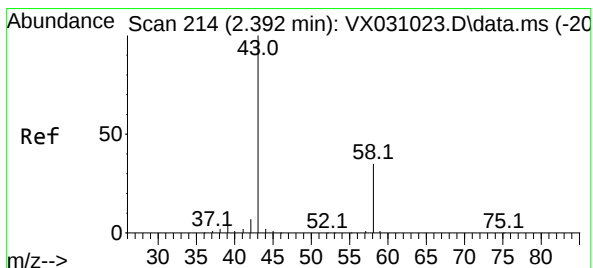
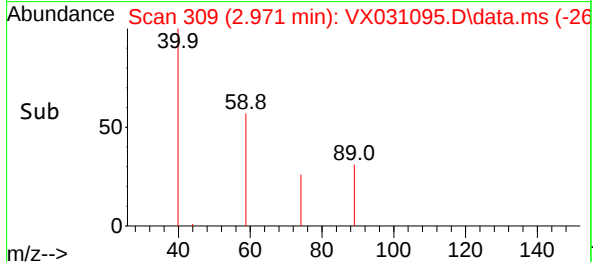
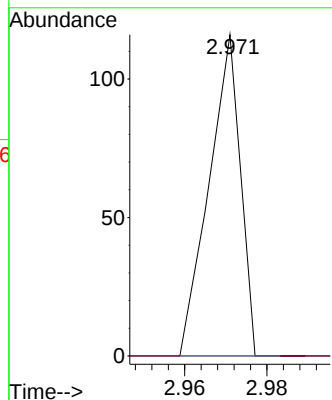
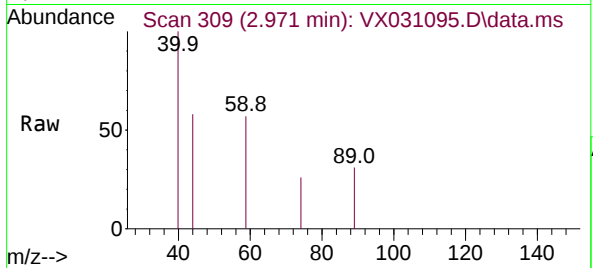




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

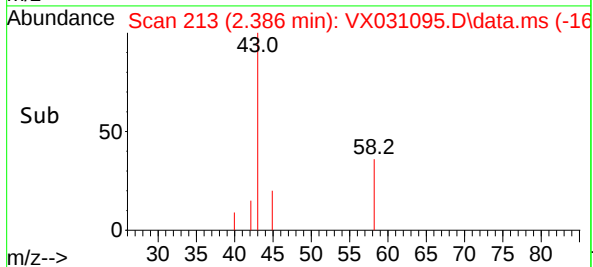
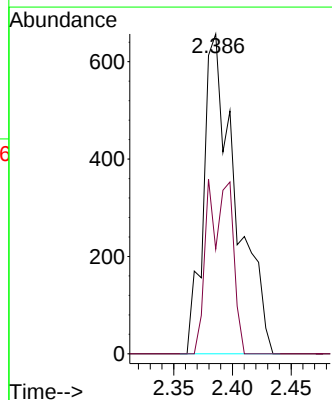
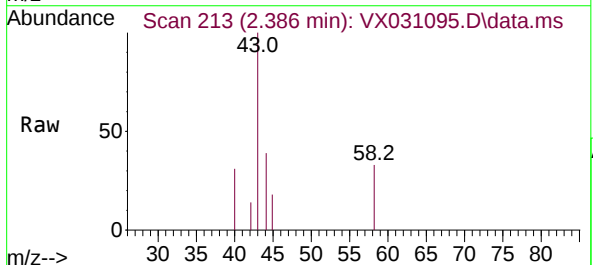
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

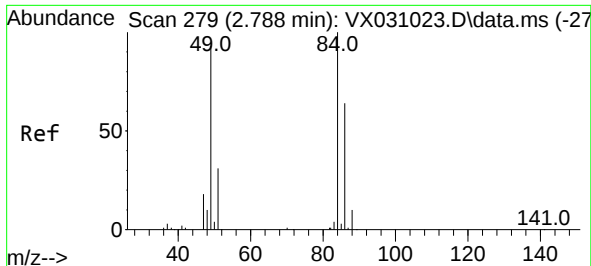
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.189 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 32.7 27.7 41.5

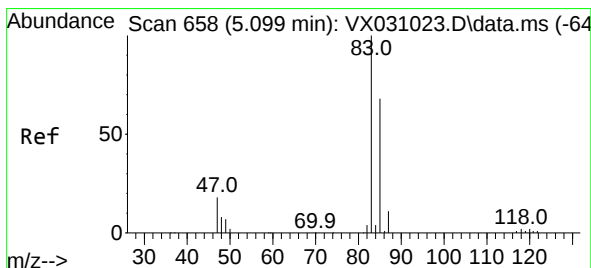
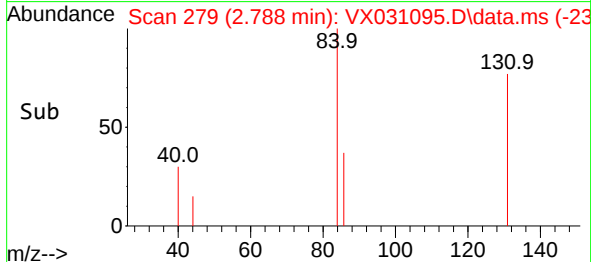
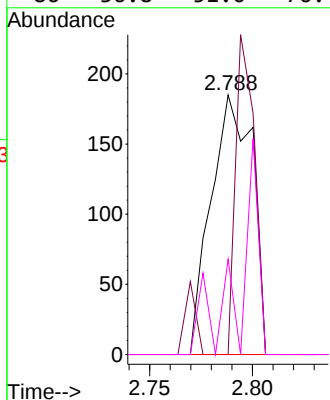
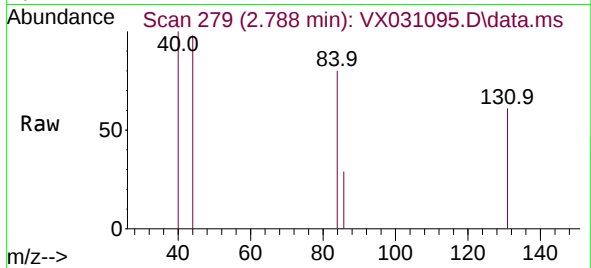




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

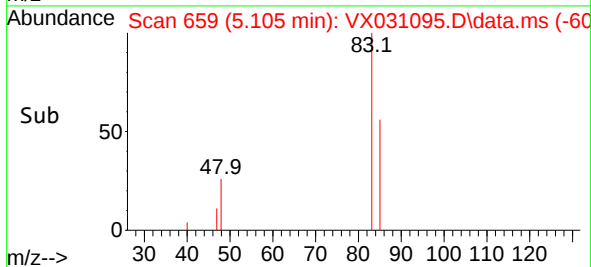
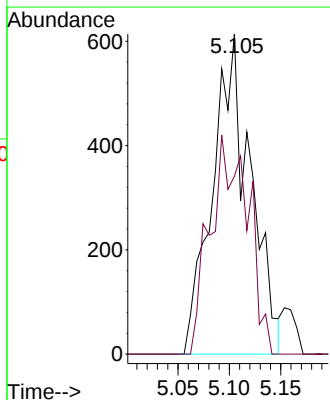
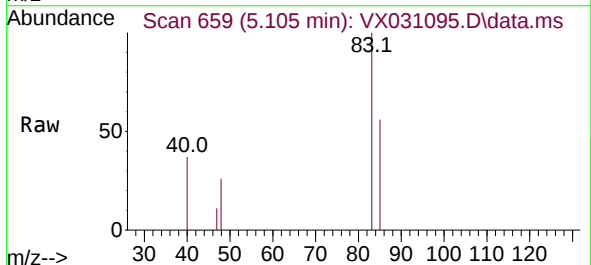
Instrument :
MSVOA_X
ClientSampleId :
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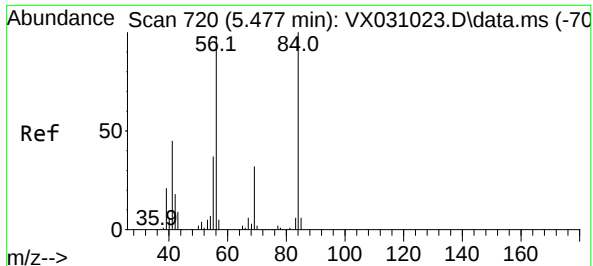
Tgt Ion:	84	Resp:	259
Ion	Ratio	Lower	Upper
84	100		
49	0.0	93.8	140.6#
51	0.0	29.4	44.0#
86	36.8	51.0	76.4#



#30
Chloroform
Concen: 0.324 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

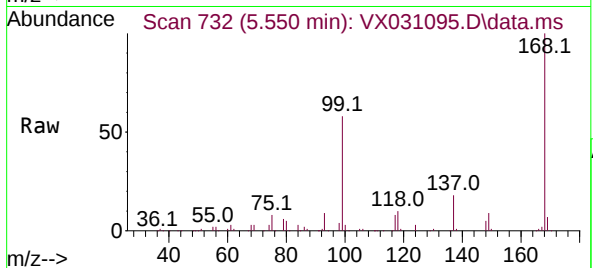
Tgt Ion:	83	Resp:	1577
Ion	Ratio	Lower	Upper
83	100		
85	55.5	51.5	77.3



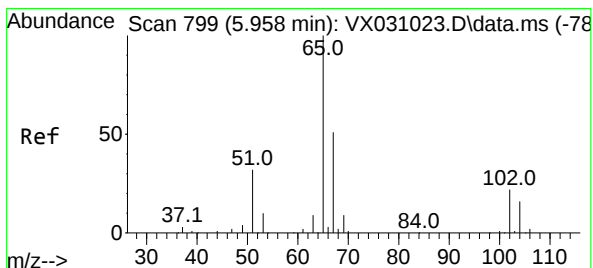
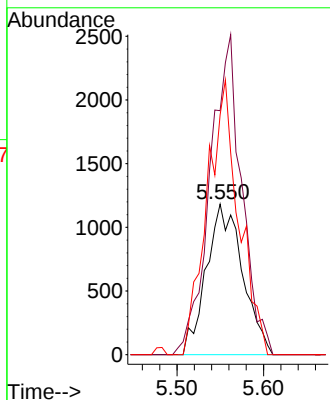
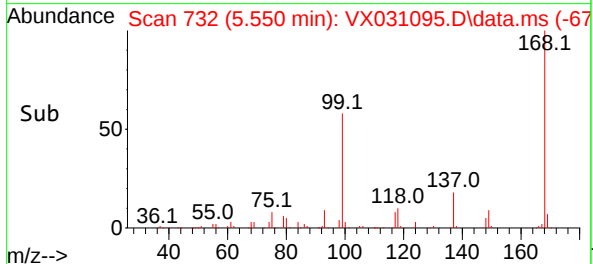


#31
Cyclohexane
Concen: 0.924 ug/l
RT: 5.550 min Scan# 711
Delta R.T. 0.073 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

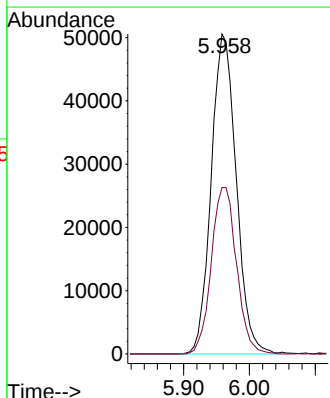
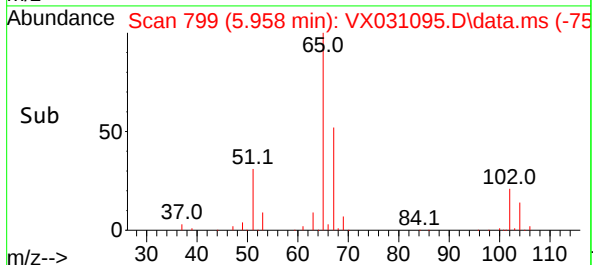
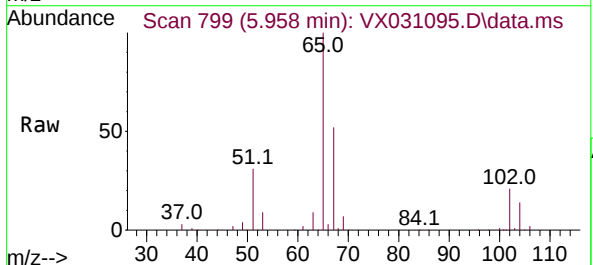


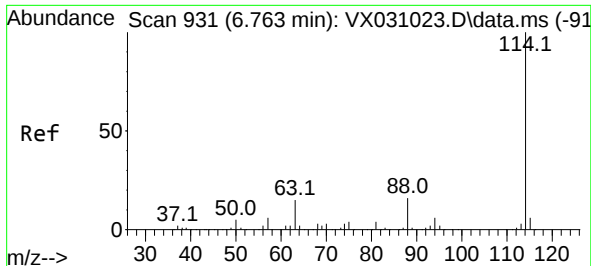
Tgt Ion: 56 Resp: 3441
Ion Ratio Lower Upper
56 100
69 162.1 25.4 38.0#
84 173.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.057 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 65 Resp: 133806
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

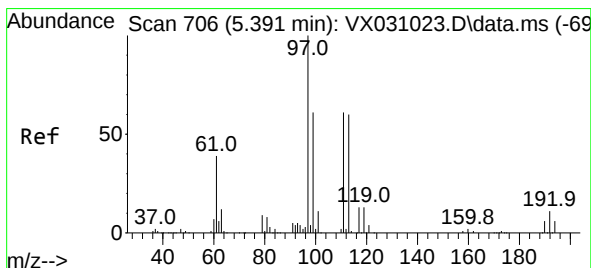
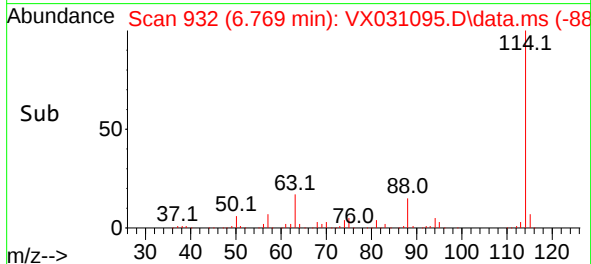
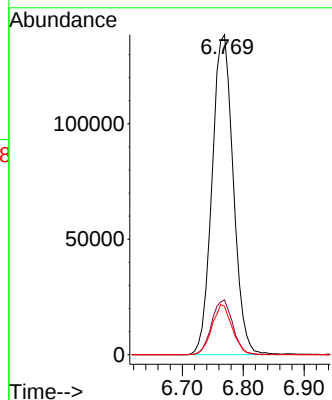
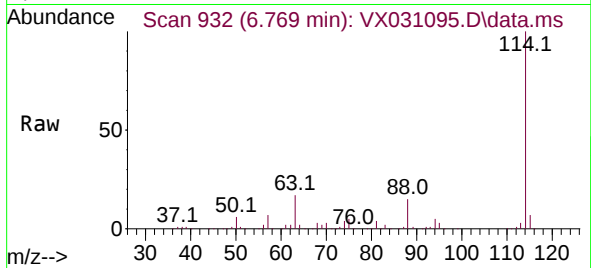




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

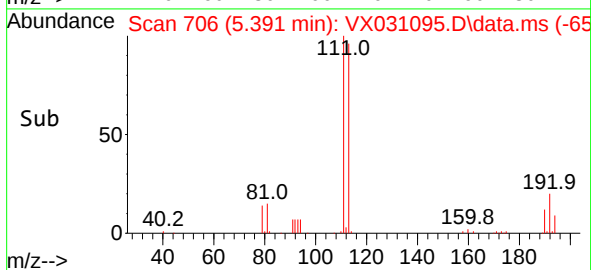
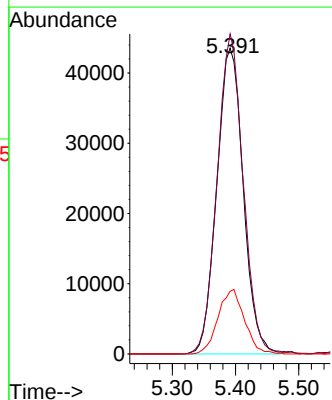
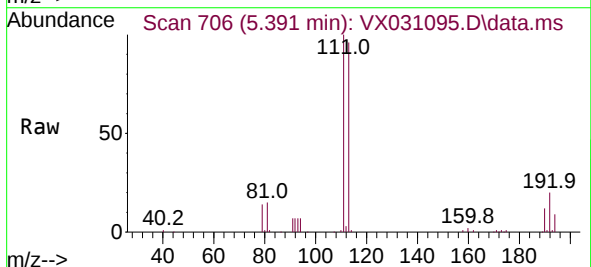
Instrument :
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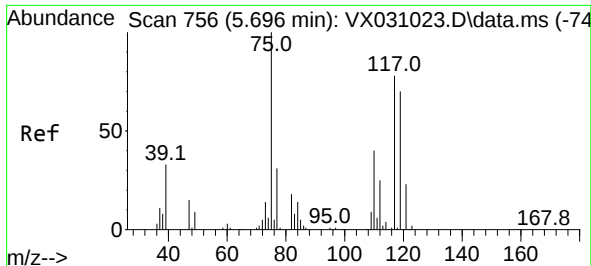
Tgt Ion:114 Resp: 334889
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion:113 Resp: 126394
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 21.0 14.8 22.2

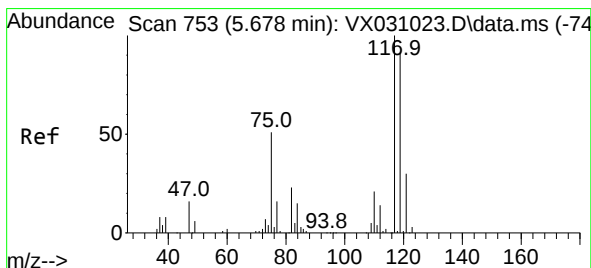
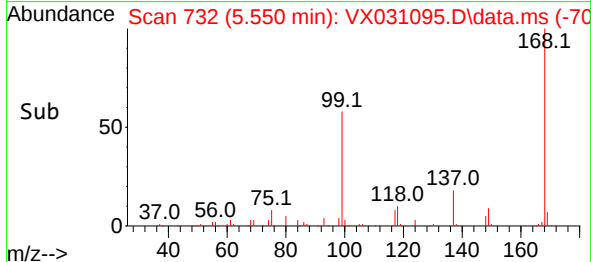
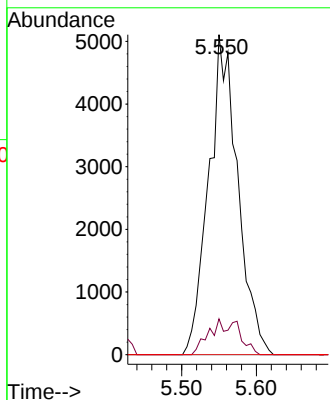
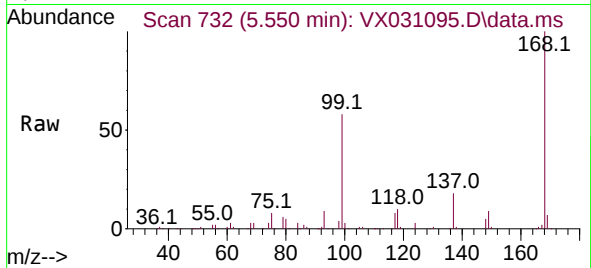




#36
1,1-Dichloropropene
Concen: 4.026 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

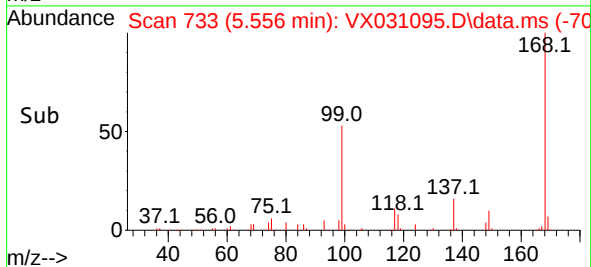
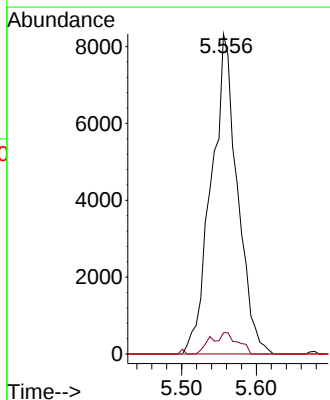
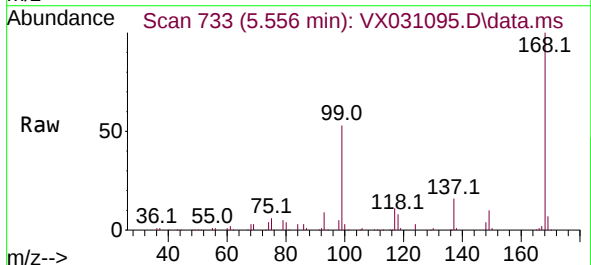
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

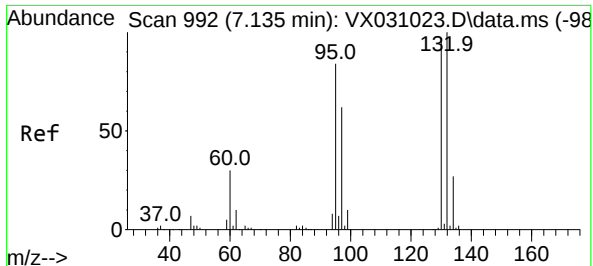
Tgt Ion: 75 Resp: 13783
Ion Ratio Lower Upper
75 100
110 6.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 117 Resp: 20199
Ion Ratio Lower Upper
117 100
119 6.6 74.1 111.1#
121 0.0 25.8 38.8#

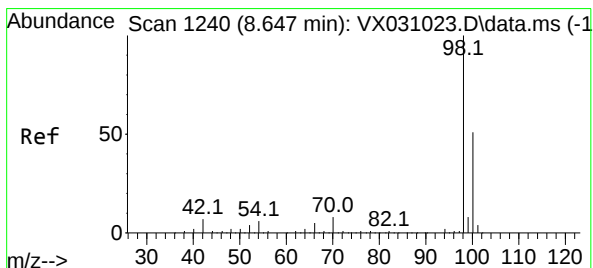
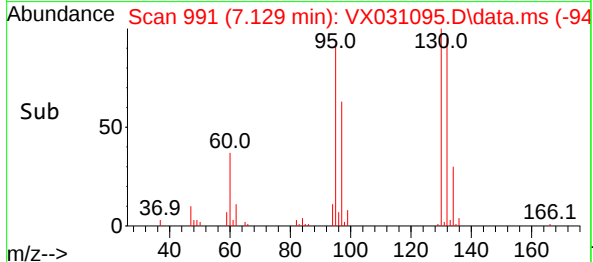
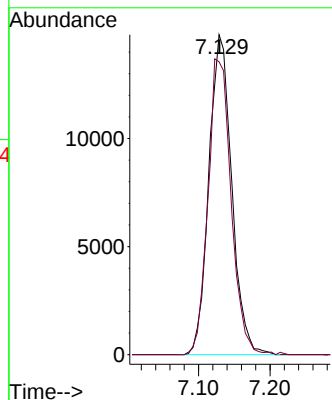
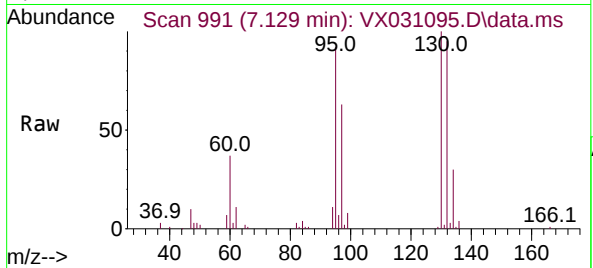




#44
 Trichloroethene
 Concen: 10.572 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX031095.D
 Acq: 03 Sep 2022 20:11

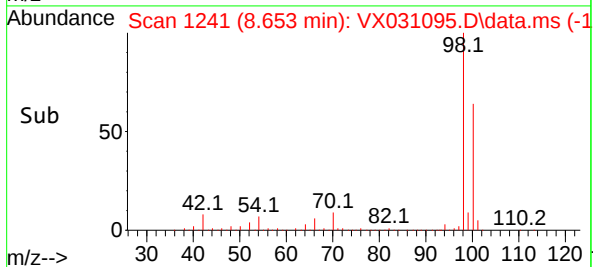
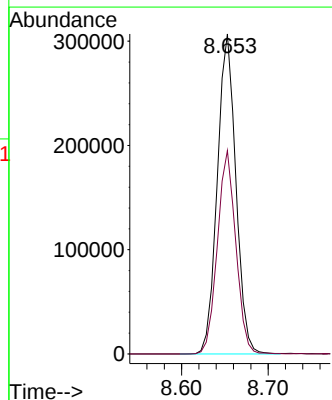
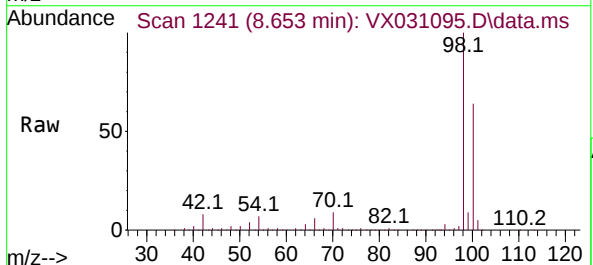
Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20220823

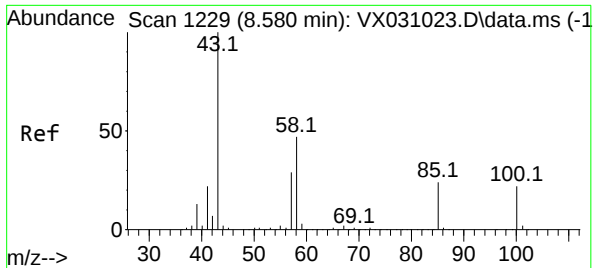
Tgt Ion:130 Resp: 32888
 Ion Ratio Lower Upper
 130 100
 95 91.5 0.0 194.8



#50
 Toluene-d8
 Concen: 50.833 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX031095.D
 Acq: 03 Sep 2022 20:11

Tgt Ion: 98 Resp: 457218
 Ion Ratio Lower Upper
 98 100
 100 63.1 52.3 78.5

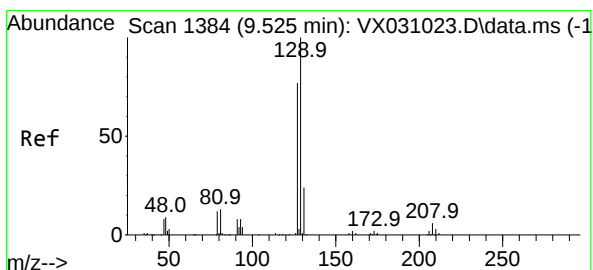
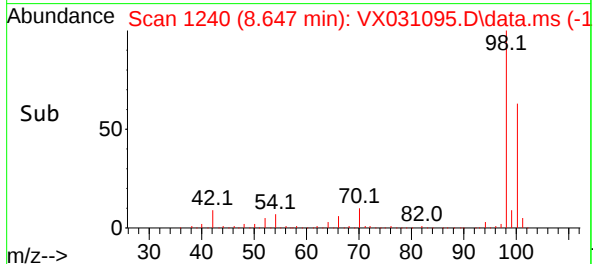
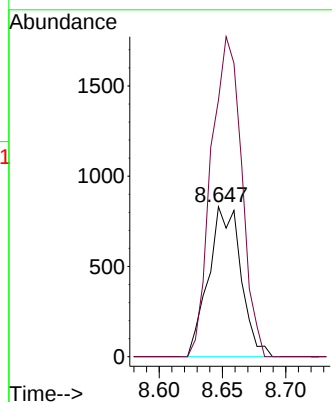
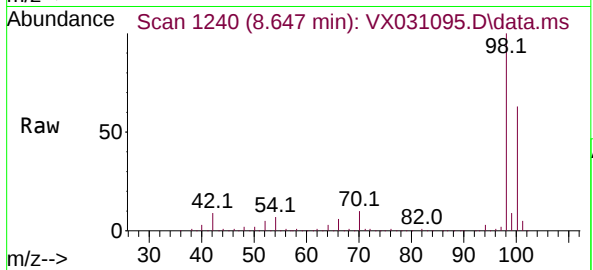




#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

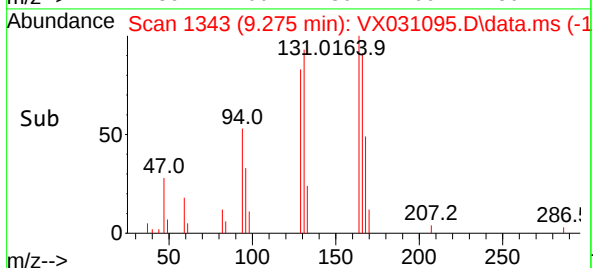
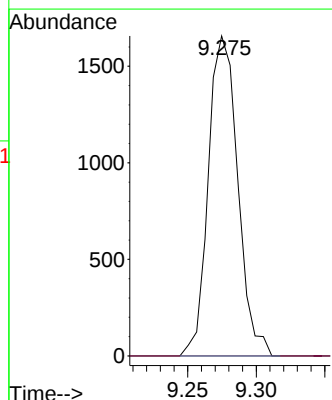
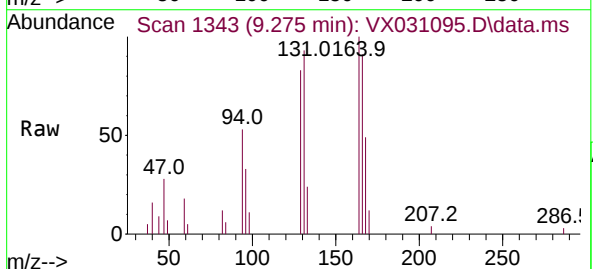
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

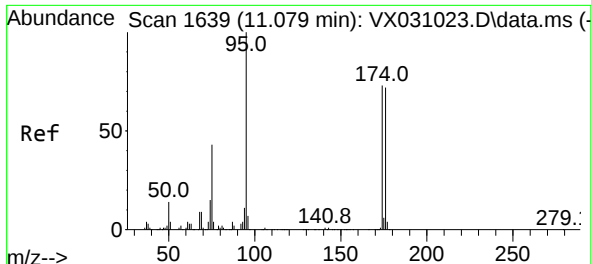
Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 200.2 31.4 47.2#



#60
Dibromochloromethane
Concen: 0.880 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 129 Resp: 2477
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

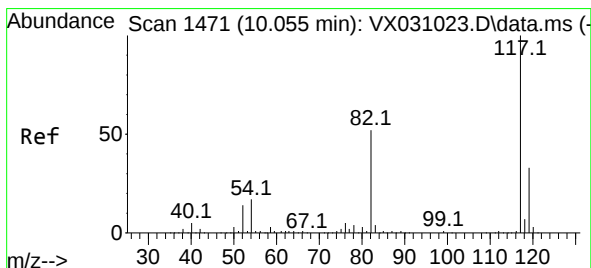
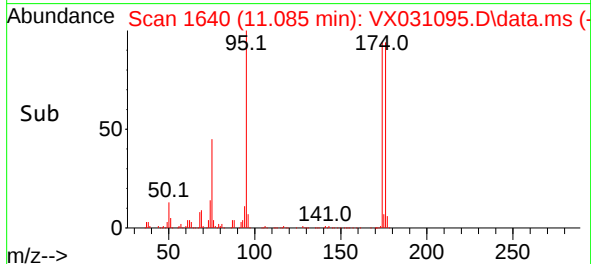
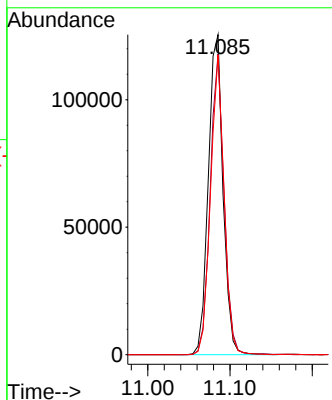
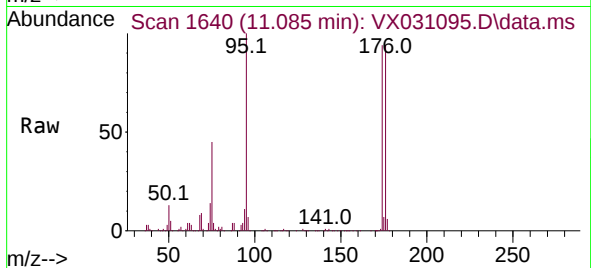




#62
4-Bromofluorobenzene
Concen: 49.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

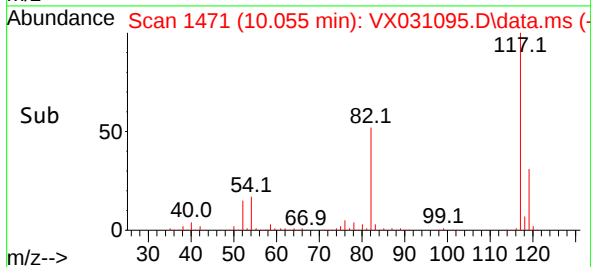
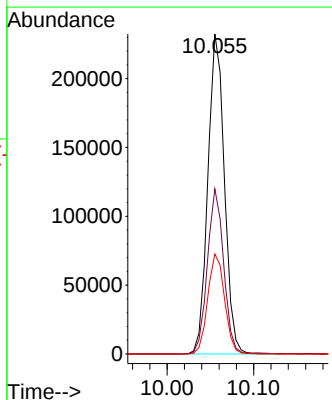
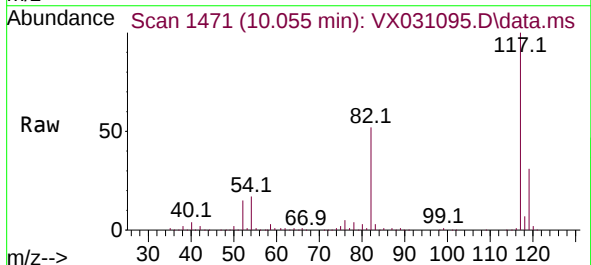
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

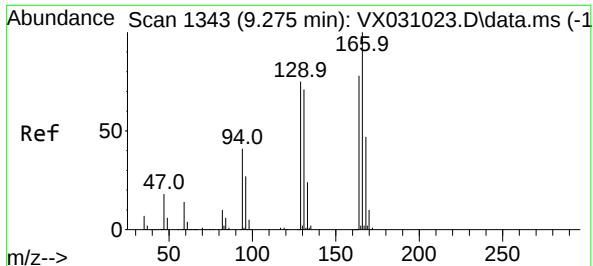
Tgt Ion: 95 Resp: 156565
Ion Ratio Lower Upper
95 100
174 88.2 0.0 149.0
176 86.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 117 Resp: 308124
Ion Ratio Lower Upper
117 100
82 51.6 42.7 64.1
119 31.3 25.4 38.2

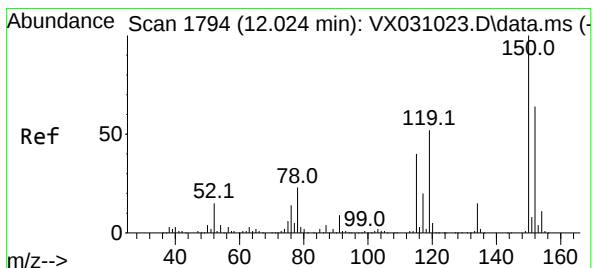
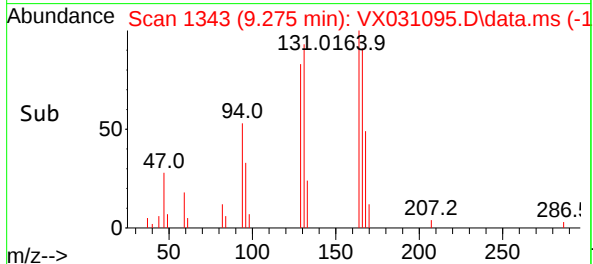
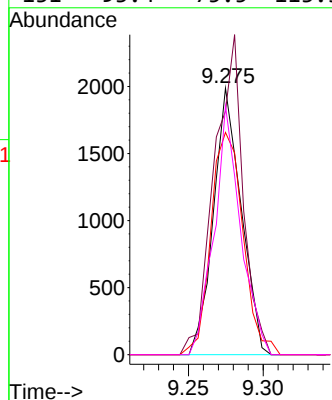
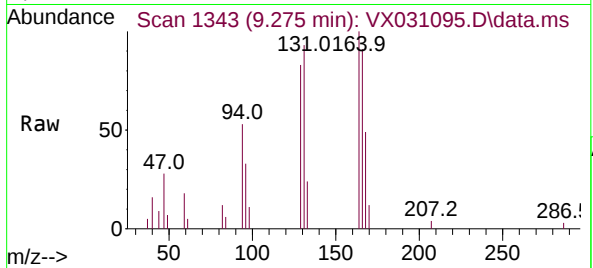




#64
Tetrachloroethene
Concen: 0.833 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

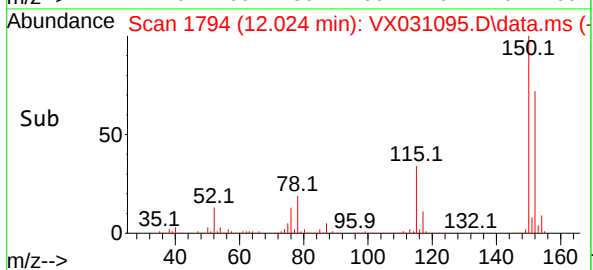
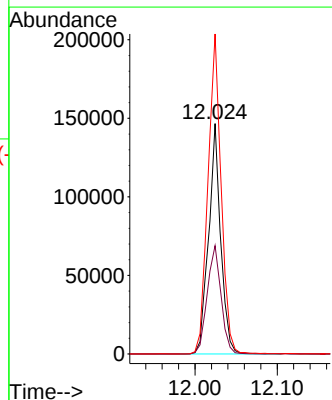
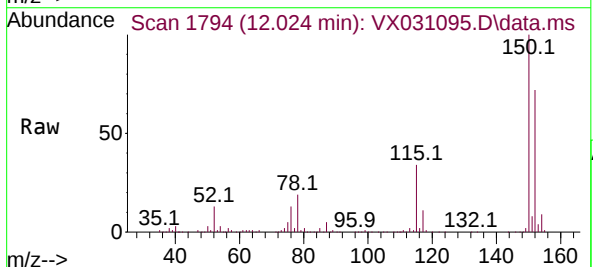
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

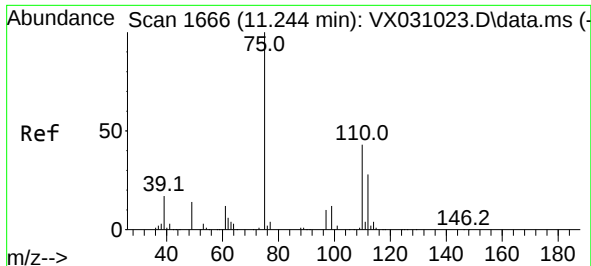
Tgt Ion:164 Resp: 2563
Ion Ratio Lower Upper
164 100
166 91.3 98.2 147.4#
129 83.4 80.8 121.2
131 93.4 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion:152 Resp: 150409
Ion Ratio Lower Upper
152 100
115 53.6 40.5 121.5
150 150.7 0.0 347.0

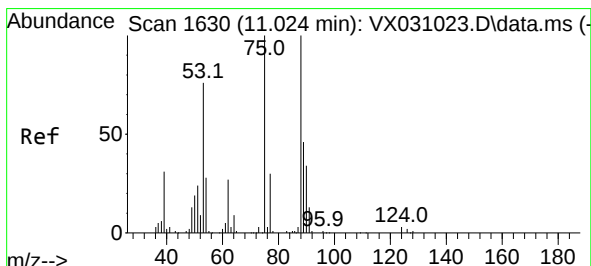
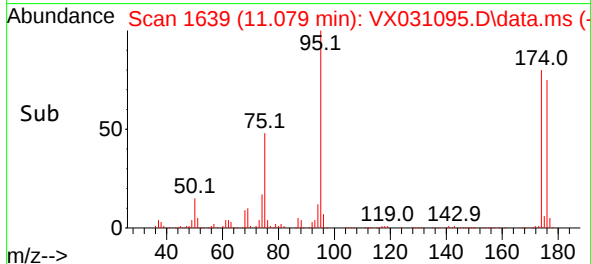
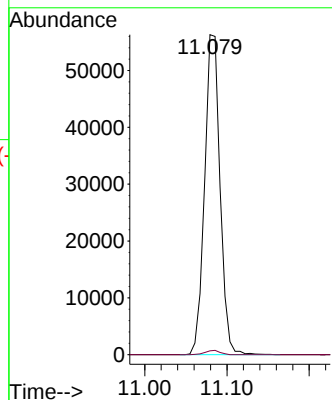
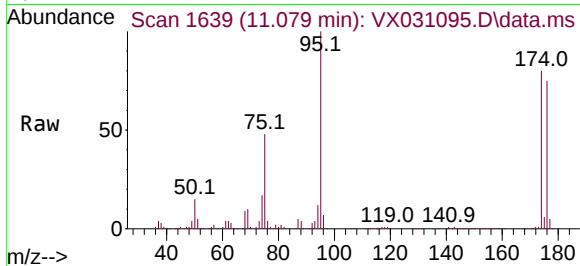




#76
1,2,3-Trichloropropane
Concen: 20.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20220823

Tgt Ion: 75 Resp: 73547
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031095.D
Acq: 03 Sep 2022 20:11

Tgt Ion: 75 Resp: 73547
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

