

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024295.D
 Acq On : 16 Sep 2021 18:03
 Operator : JC/MD
 Sample : M3774-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.2)

Quant Time: Sep 17 04:42:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

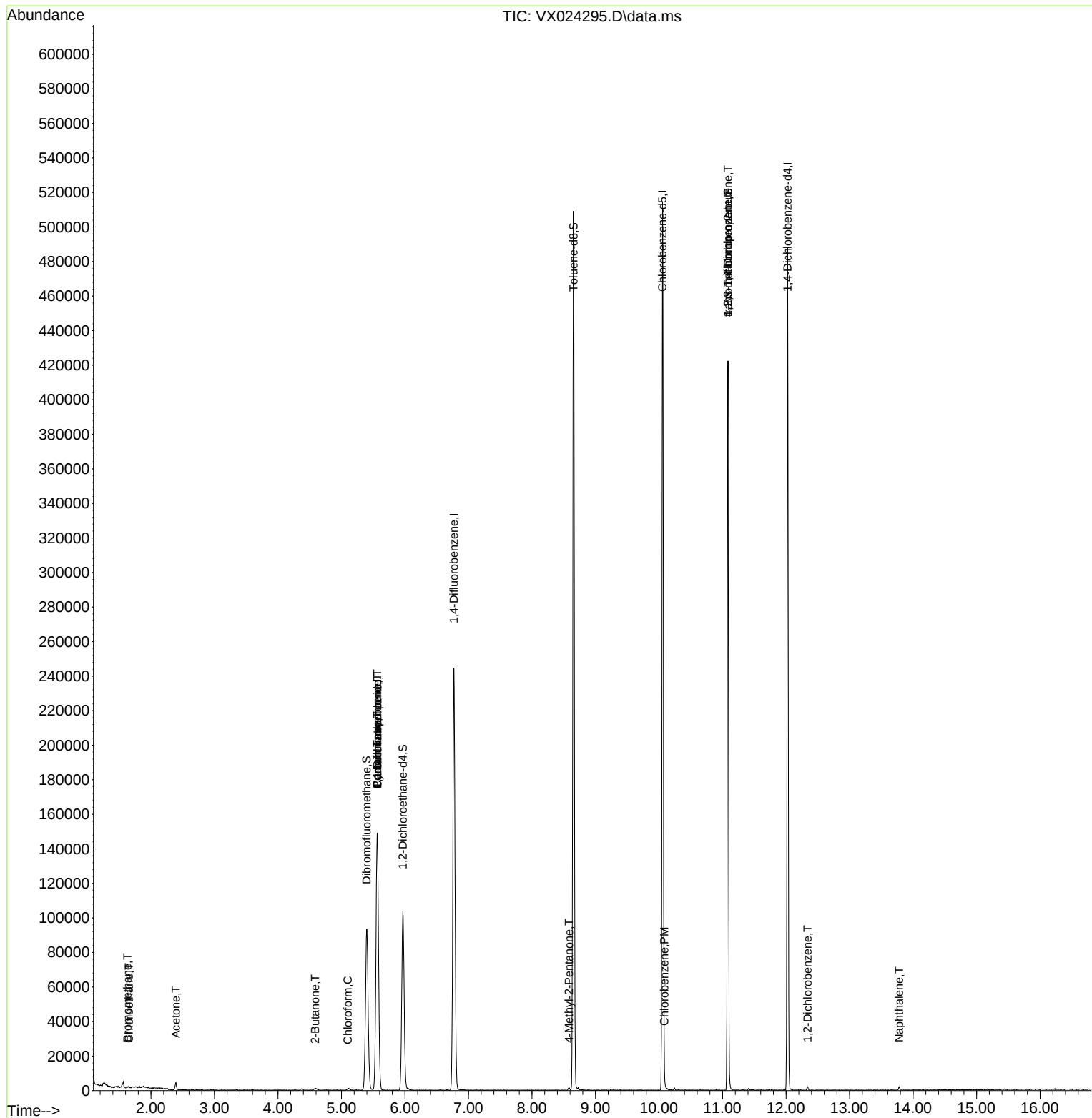
Internal Standards						
1) Pentafluorobenzene	5.562	168	138265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104645	53.076	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.160%		
35) Dibromofluoromethane	5.397	113	79034	48.666	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.340%		
50) Toluene-d8	8.653	98	301783	51.010	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.020%		
62) 4-Bromofluorobenzene	11.085	95	109284	47.466	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	328	0.399	ug/l #	63
6) Chloroethane	1.654	64	269	2.231	ug/l #	43
11) Tert butyl alcohol	2.959	59	468	Below Cal	#	73
16) Acetone	2.392	43	4250	5.055	ug/l	91
25) 2-Butanone	4.587	43	1504	1.215	ug/l	93
30) Chloroform	5.099	83	1313	0.462	ug/l #	81
31) Cyclohexane	5.562	56	2972	1.289	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11044	4.961	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14819	5.914	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	1003	0.381	ug/l #	78
65) Chlorobenzene	10.086	112	1464	0.310	ug/l #	66
76) 1,2,3-Trichloropropane	11.085	75	58145	26.068	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58145	76.665	ug/l #	12
91) 1,2-Dichlorobenzene	12.341	146	804	0.252	ug/l	99
95) Naphthalene	13.780	128	1307	1.471	ug/l #	91

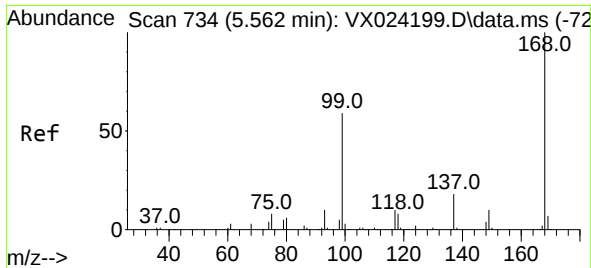
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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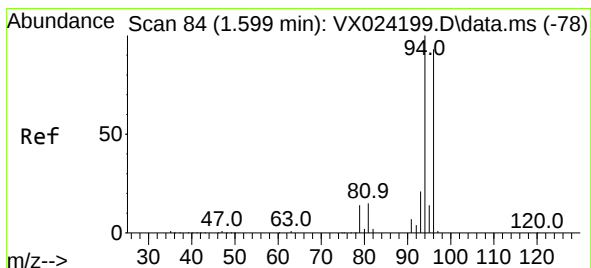
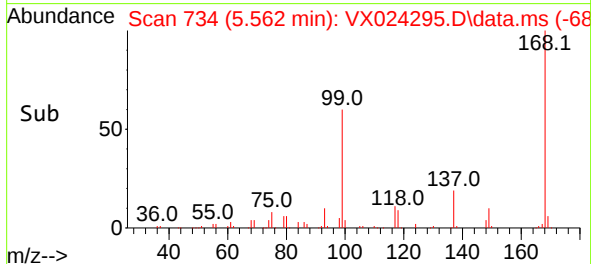
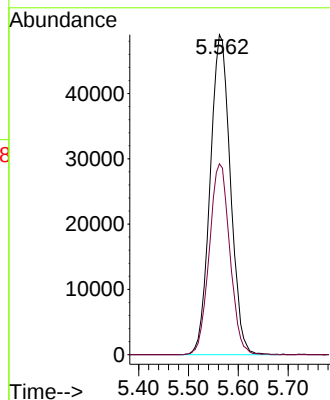
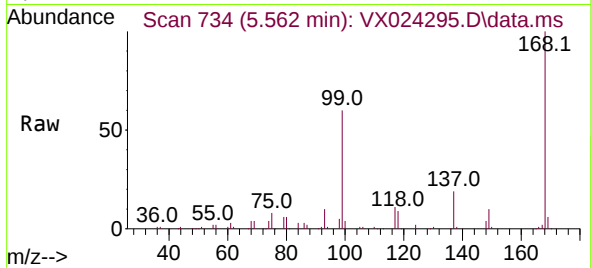




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

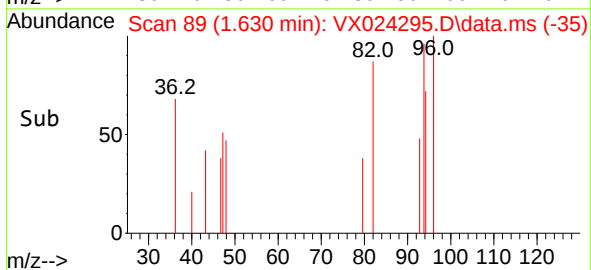
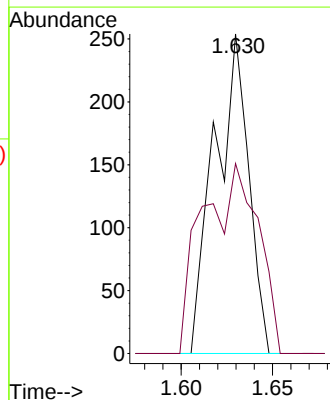
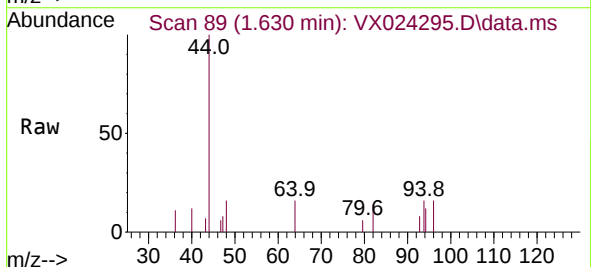
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

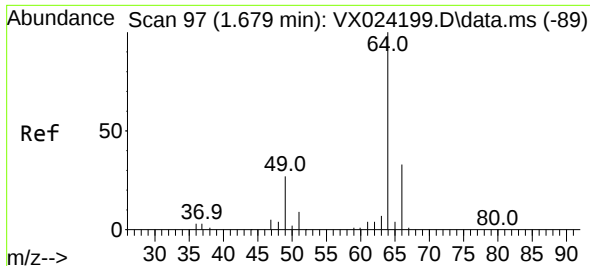
Tgt Ion:168 Resp: 138265
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#5
Bromomethane
Concen: 0.399 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 59.4 76.4 114.6#

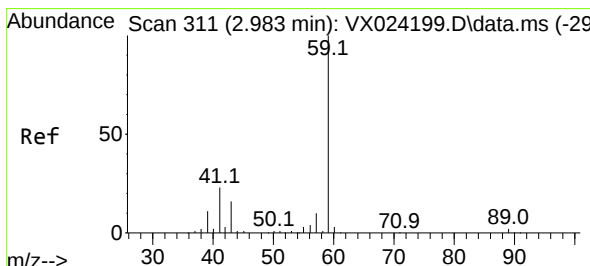
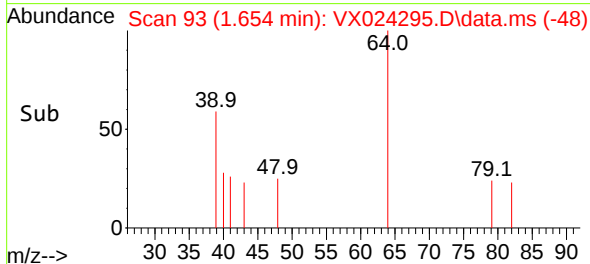
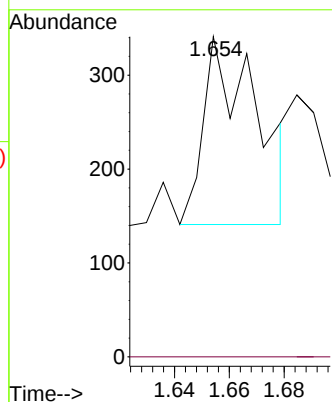
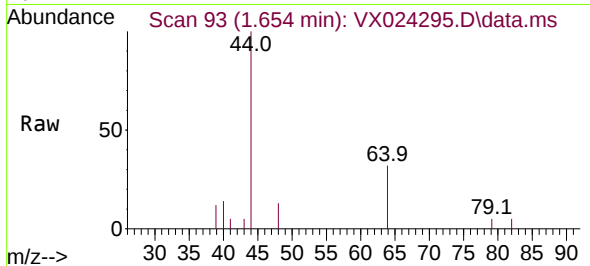




#6
Chloroethane
Concen: 2.231 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

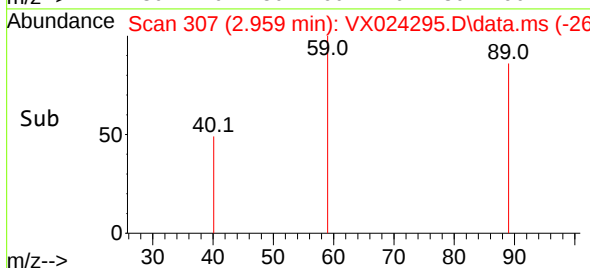
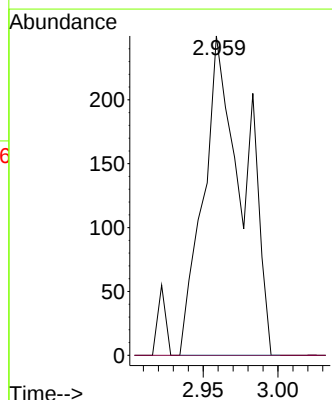
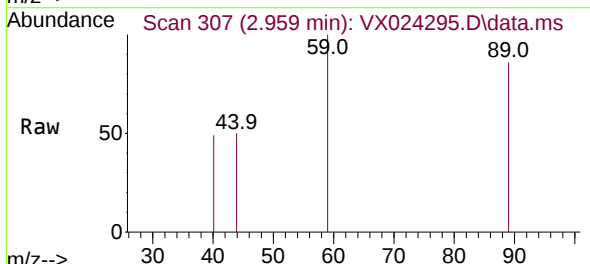
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

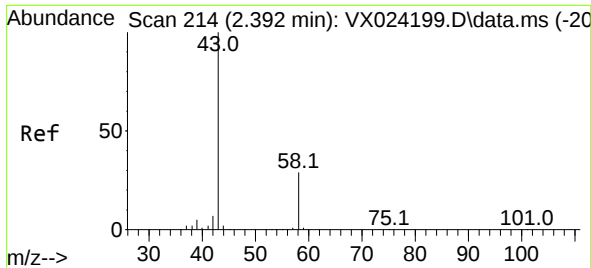
Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

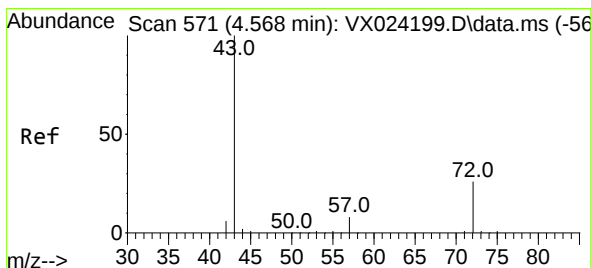
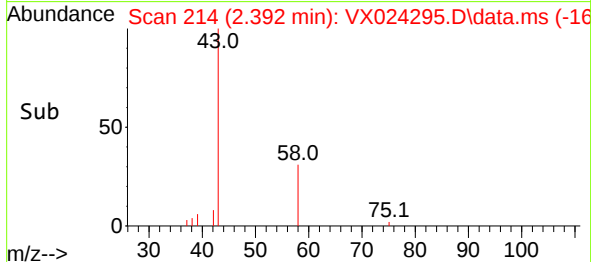
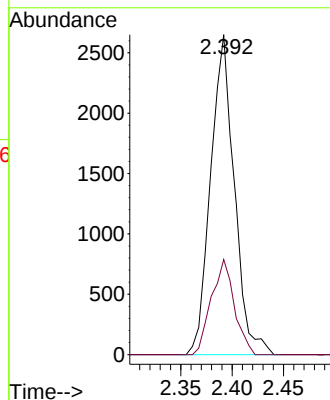
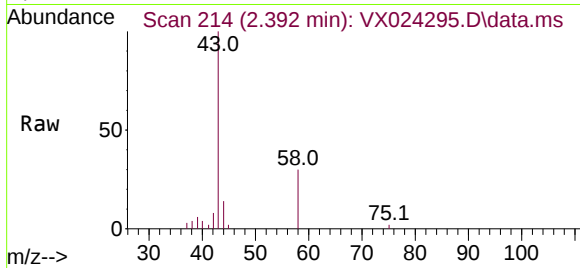




#16
Acetone
Concen: 5.055 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

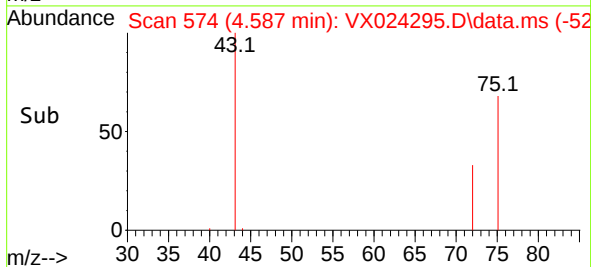
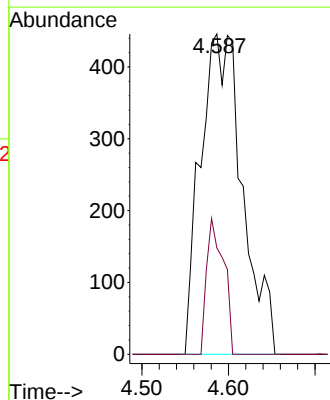
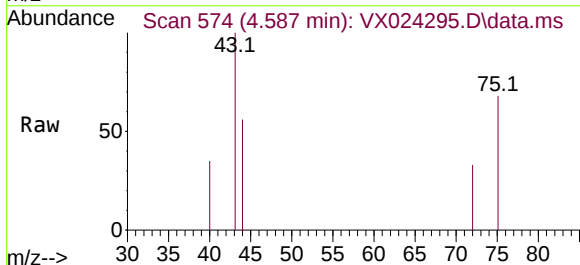
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

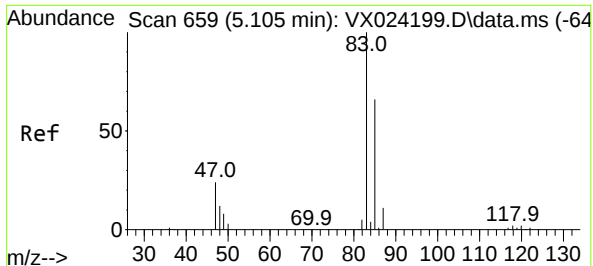
Tgt Ion: 43 Resp: 4250
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8



#25
2-Butanone
Concen: 1.215 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
72 33.2 23.7 35.5





#30

Chloroform

Concen: 0.462 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX024295.D

Acq: 16 Sep 2021 18:03

Instrument :

MSVOA_X

ClientSampleId :

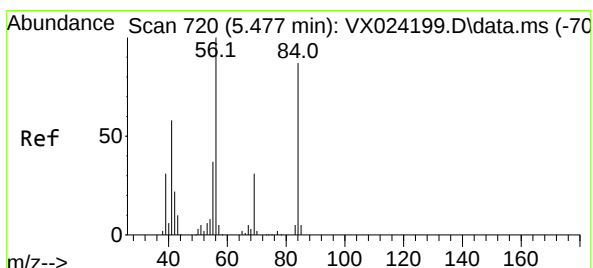
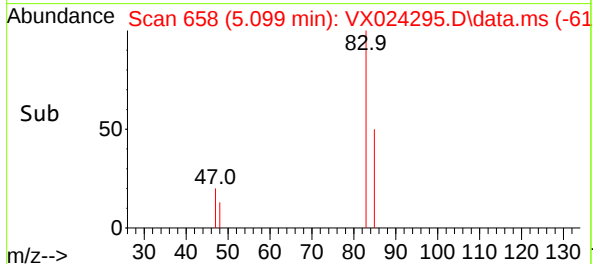
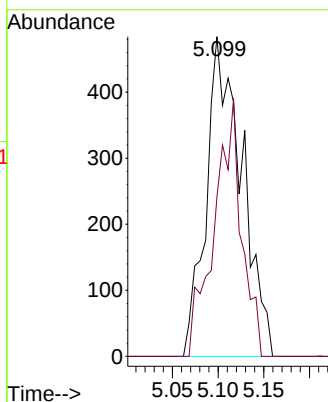
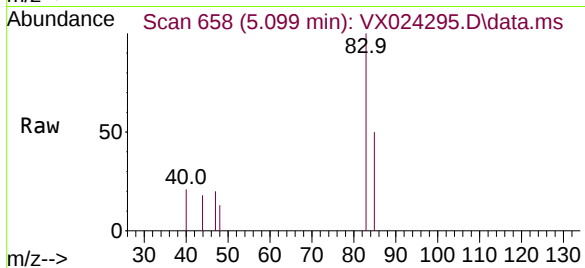
SW-CB-02-(0.2)

Tgt Ion: 83 Resp: 1313

Ion Ratio Lower Upper

83 100

85 49.8 52.0 78.0#



#31

Cyclohexane

Concen: 1.289 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024295.D

Acq: 16 Sep 2021 18:03

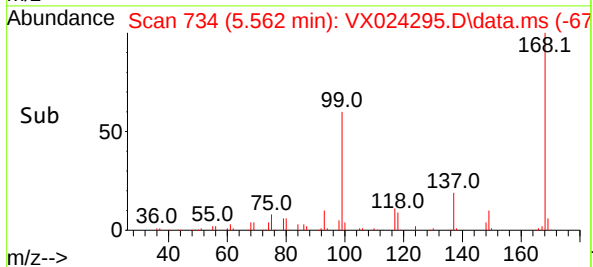
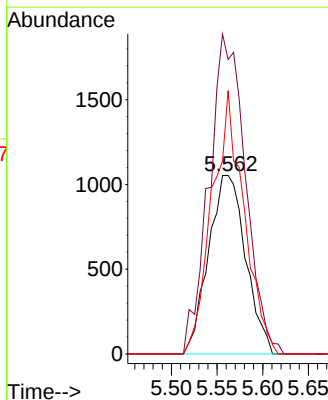
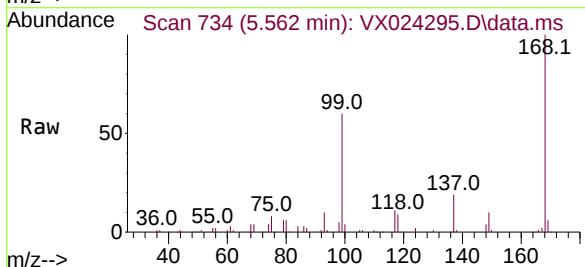
Tgt Ion: 56 Resp: 2972

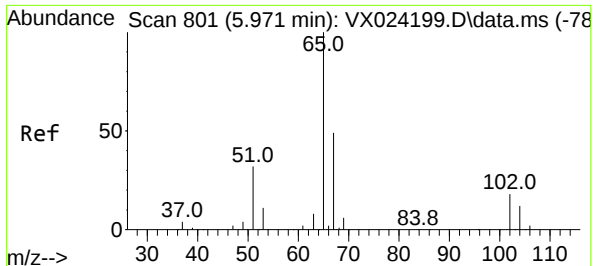
Ion Ratio Lower Upper

56 100

69 165.1 25.3 37.9#

84 147.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.076 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024295.D

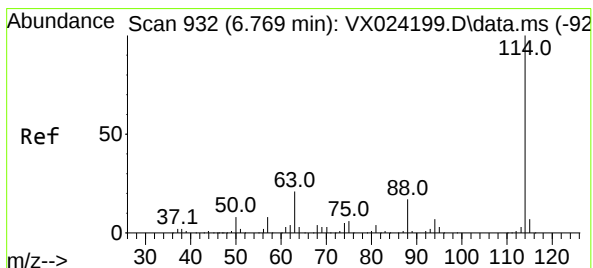
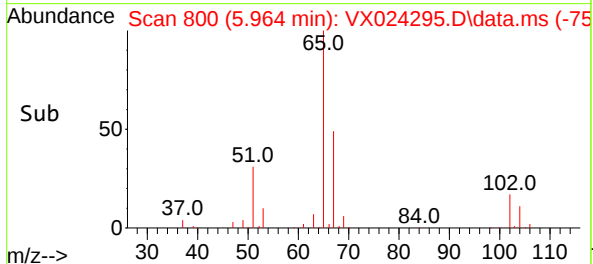
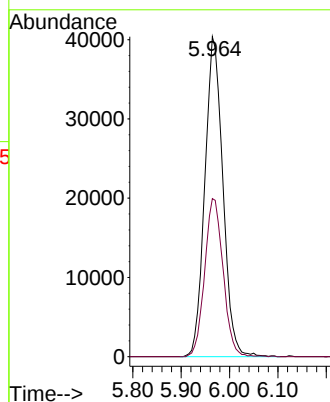
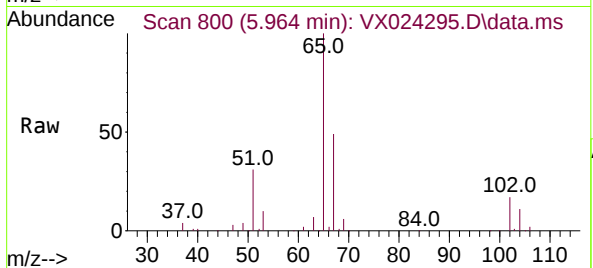
Acq: 16 Sep 2021 18:03

Tgt Ion: 65 Resp: 104645

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024295.D

Acq: 16 Sep 2021 18:03

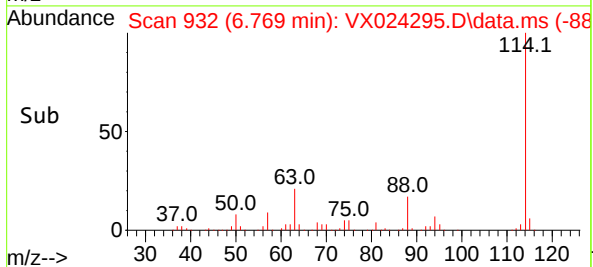
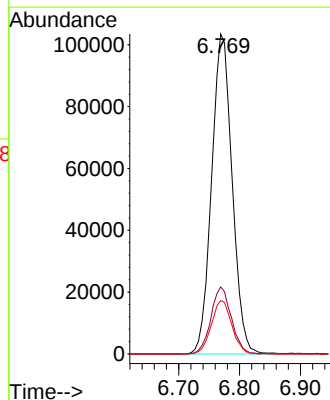
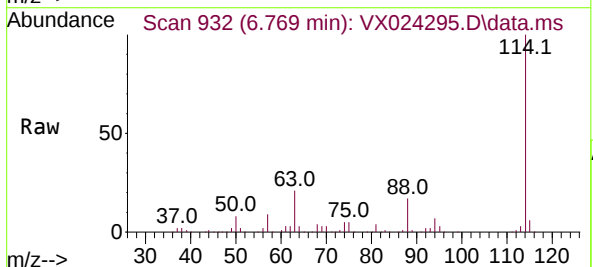
Tgt Ion: 114 Resp: 242156

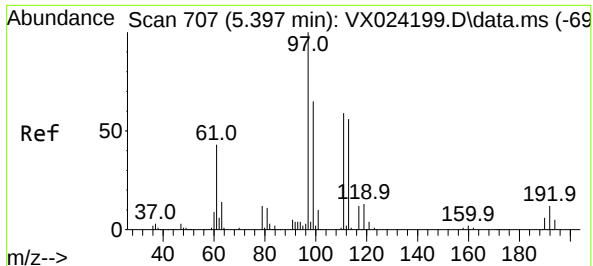
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.666 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024295.D

Acq: 16 Sep 2021 18:03

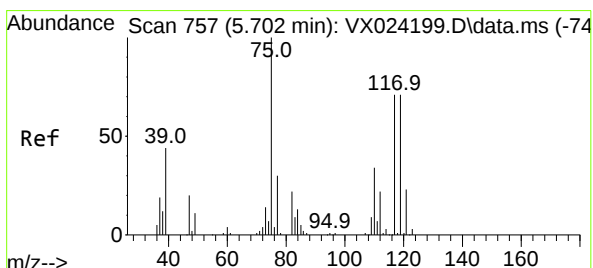
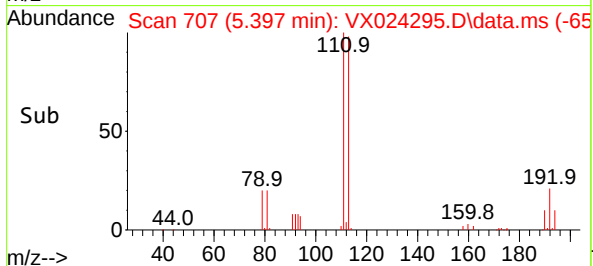
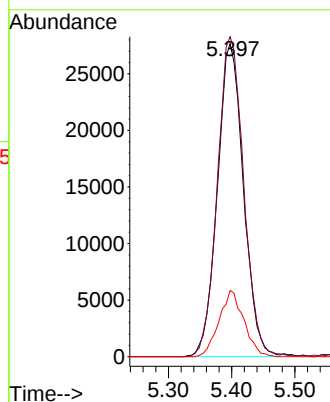
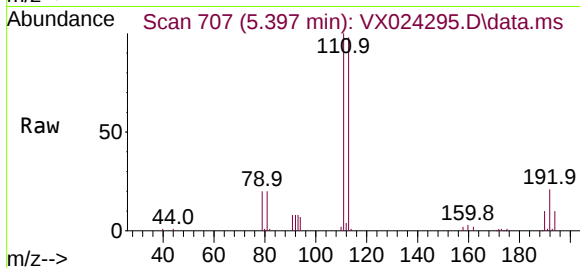
Tgt Ion:113 Resp: 79034

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 20.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.961 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024295.D

Acq: 16 Sep 2021 18:03

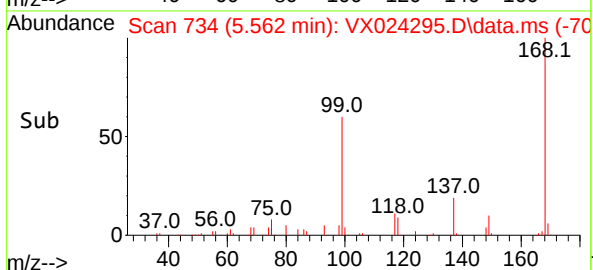
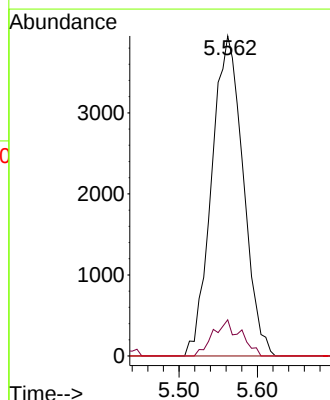
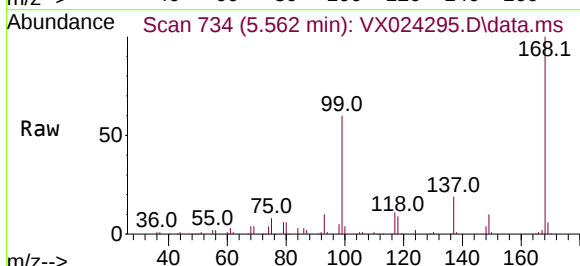
Tgt Ion: 75 Resp: 11044

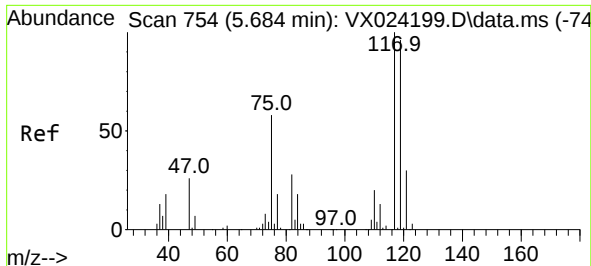
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

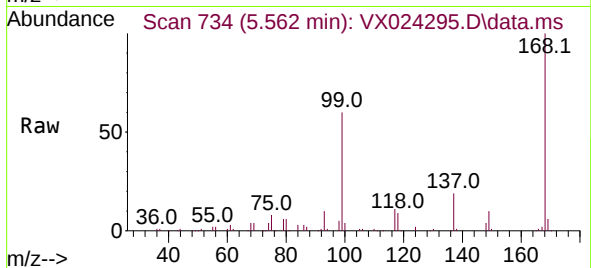
77 0.0 25.3 37.9#



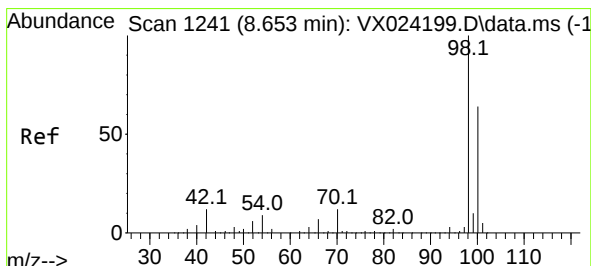
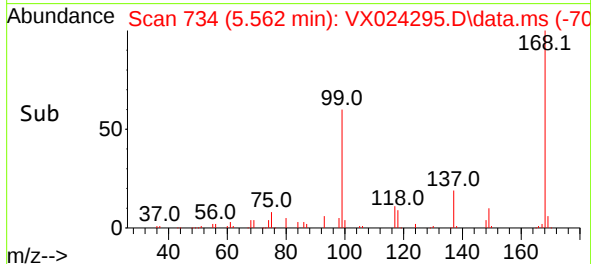
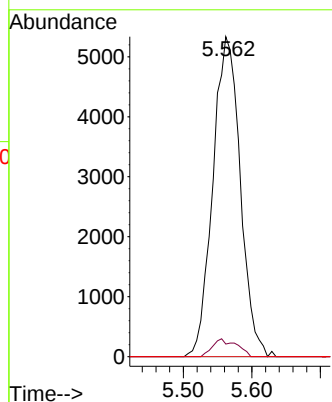


#38
Carbon Tetrachloride
Concen: 5.914 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

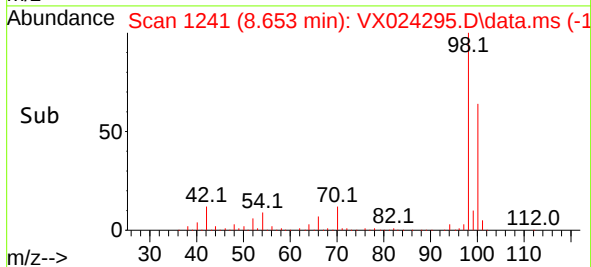
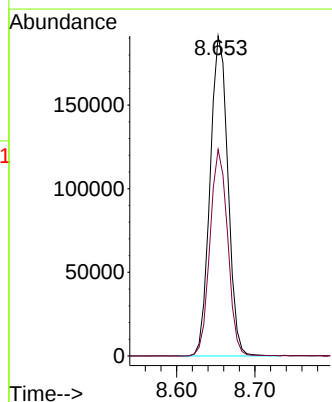
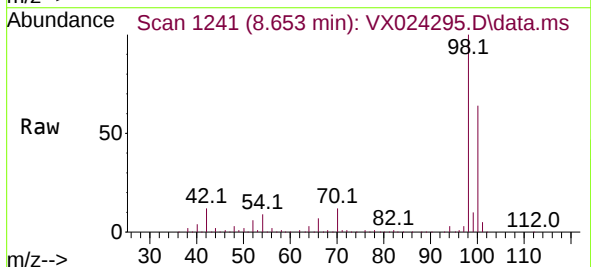


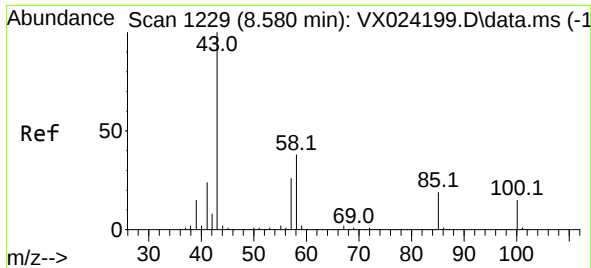
Tgt Ion:117 Resp: 14819
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.010 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Tgt Ion: 98 Resp: 301783
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

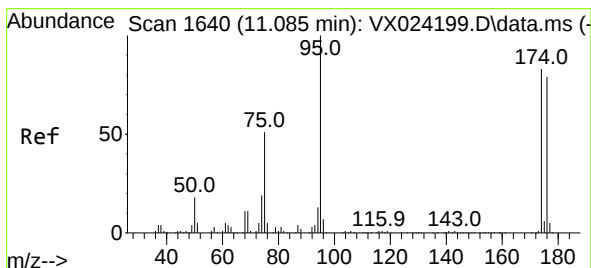
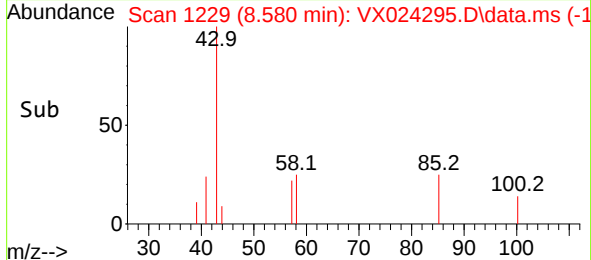
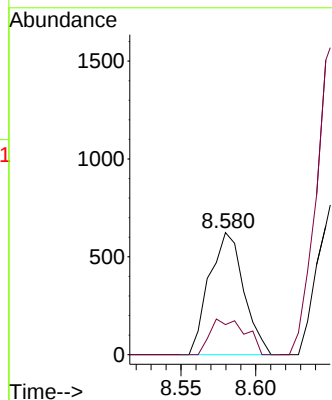
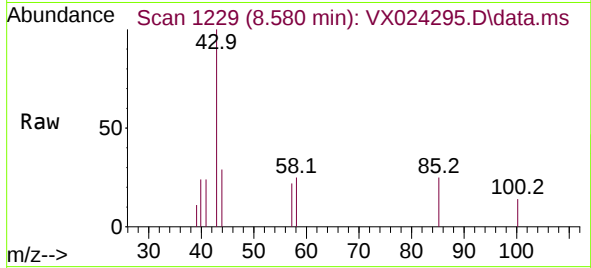




#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

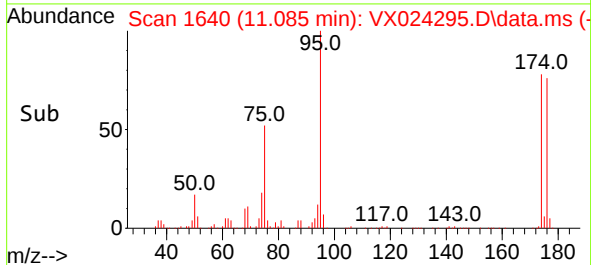
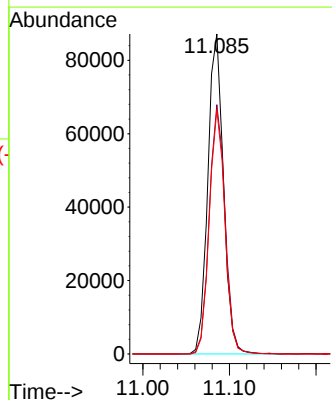
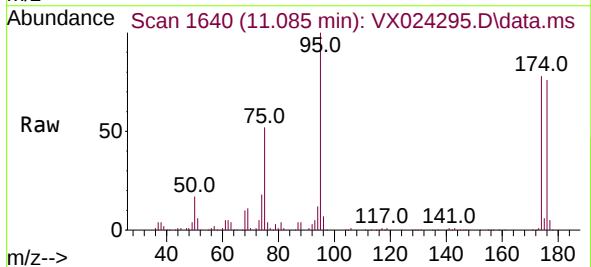
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

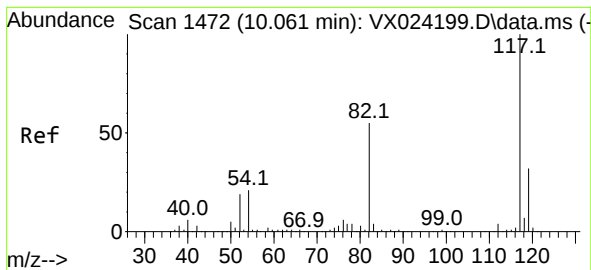
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 29.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Tgt Ion: 95 Resp: 109284
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 75.7 0.0 155.8

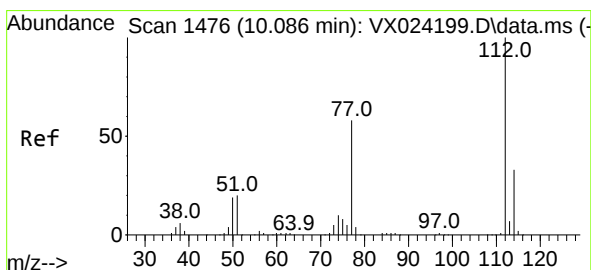
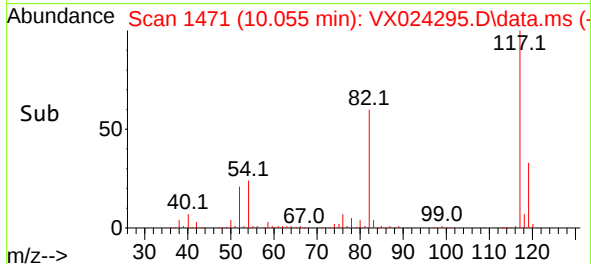
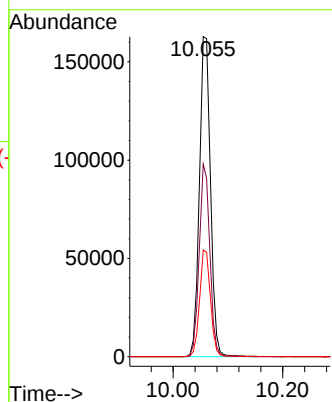
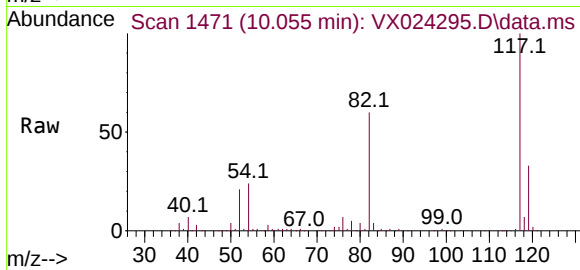




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

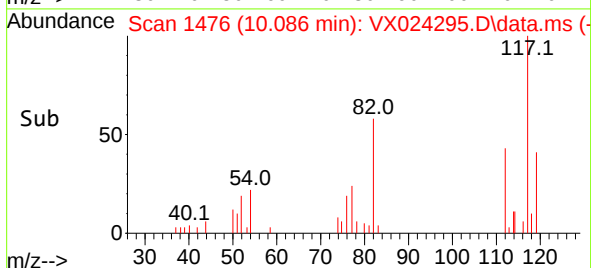
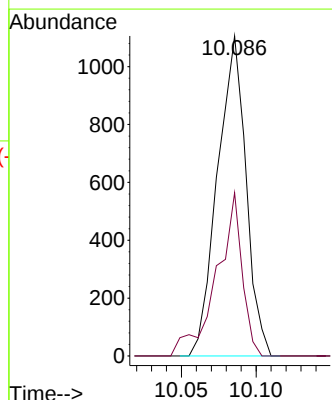
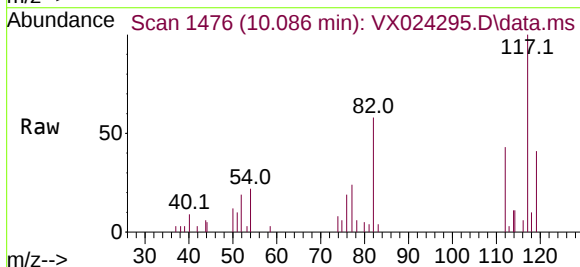
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

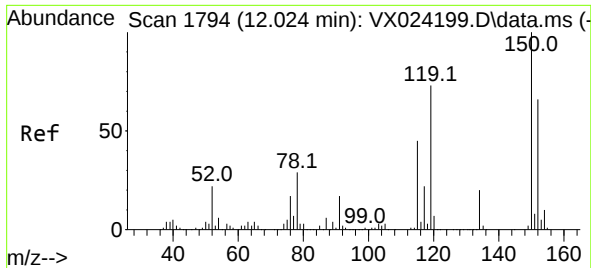
Tgt Ion:117 Resp: 229566
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.3 26.6 39.8



#65
Chlorobenzene
Concen: 0.310 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

Tgt Ion:112 Resp: 1464
Ion Ratio Lower Upper
112 100
114 51.0 25.8 38.6#

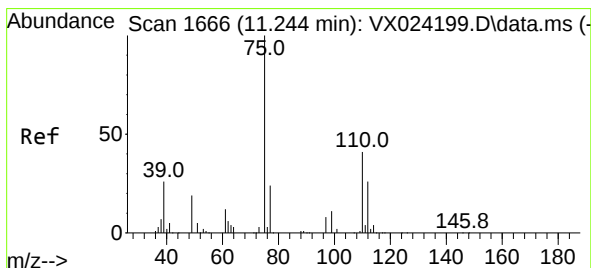
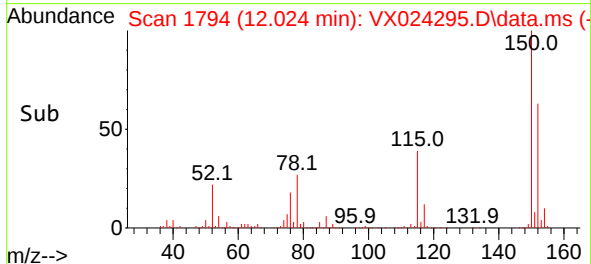
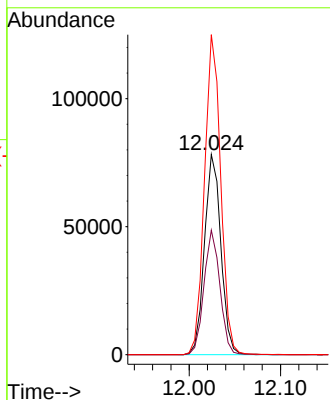
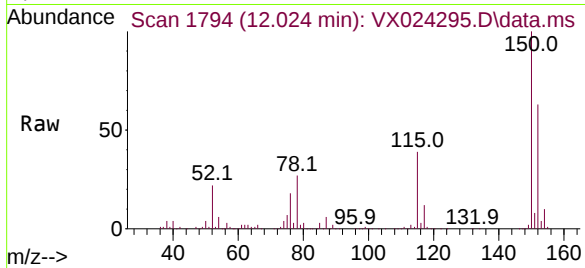




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024295.D
 Acq: 16 Sep 2021 18:03

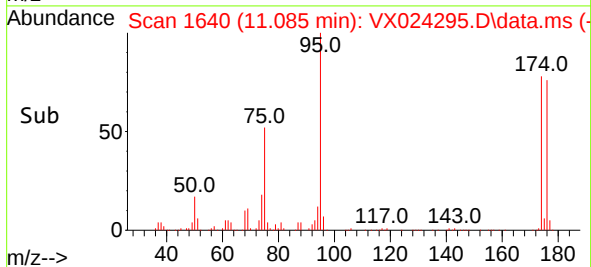
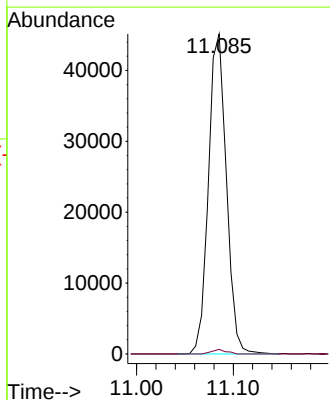
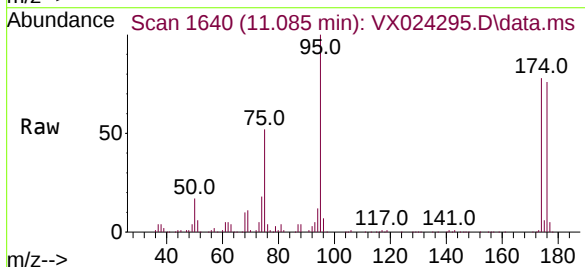
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.2)

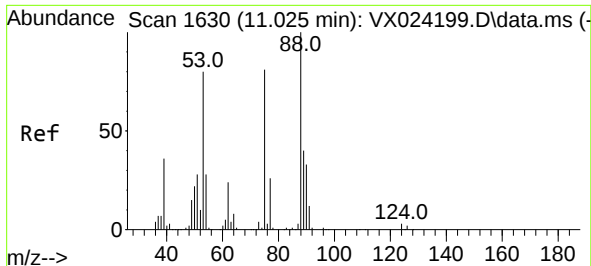
Tgt Ion:152 Resp: 97005
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.068 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024295.D
 Acq: 16 Sep 2021 18:03

Tgt Ion: 75 Resp: 58145
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

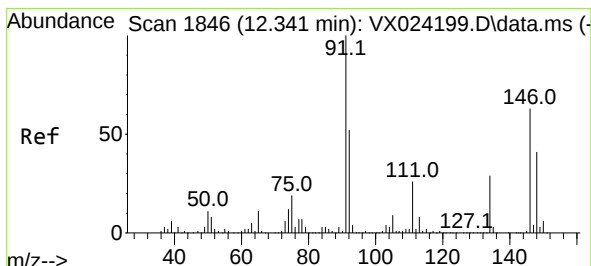
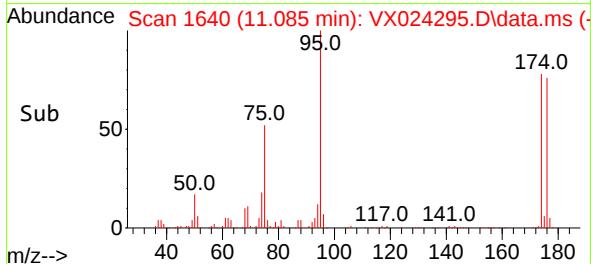
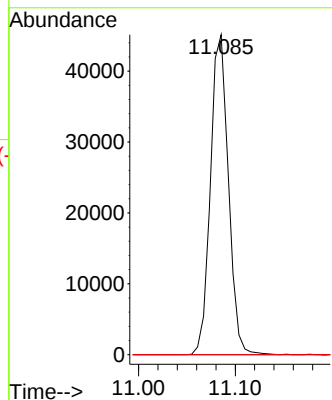
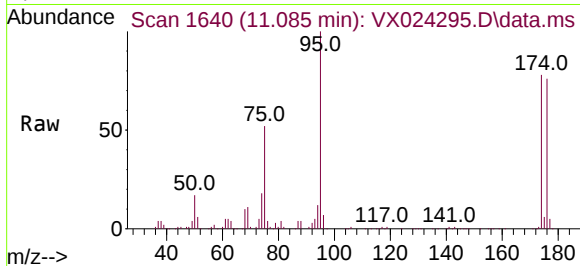




#81
trans-1,4-Dichloro-2-butene
Concen: 76.665 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

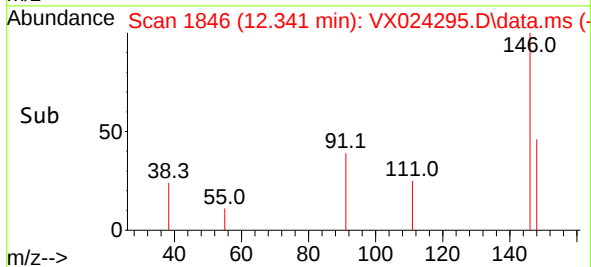
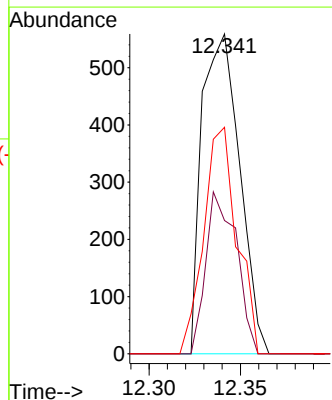
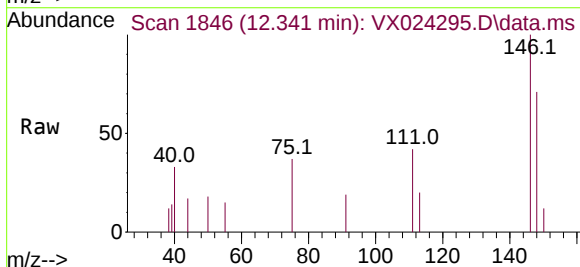
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.2)

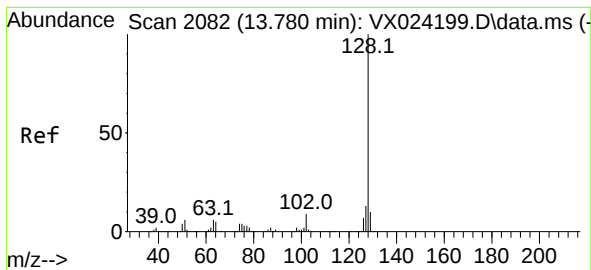
Tgt Ion: 75 Resp: 58145
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#91
1,2-Dichlorobenzene
Concen: 0.252 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024295.D
Acq: 16 Sep 2021 18:03

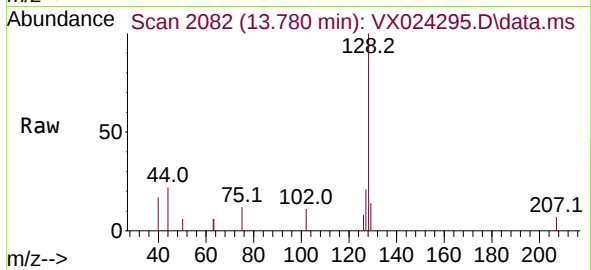
Tgt Ion: 146 Resp: 804
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 62.3 31.9 95.5





#95
 Naphthalene
 Concen: 1.471 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX024295.D
 Acq: 16 Sep 2021 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.2)



Tgt Ion:	128	Resp:	1307
Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.3	15.5#
129	14.2	8.8	13.2#

