

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024358.D
 Acq On : 20 Sep 2021 18:03
 Operator : JC/MD
 Sample : M3817-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.3)

Quant Time: Sep 21 08:42:41 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	5.568	168	145112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	262419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110975	53.630	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.260%
35) Dibromofluoromethane	5.397	113	87722	50.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	8.653	98	327254	51.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.580%
62) 4-Bromofluorobenzene	11.085	95	104553	42.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.220%

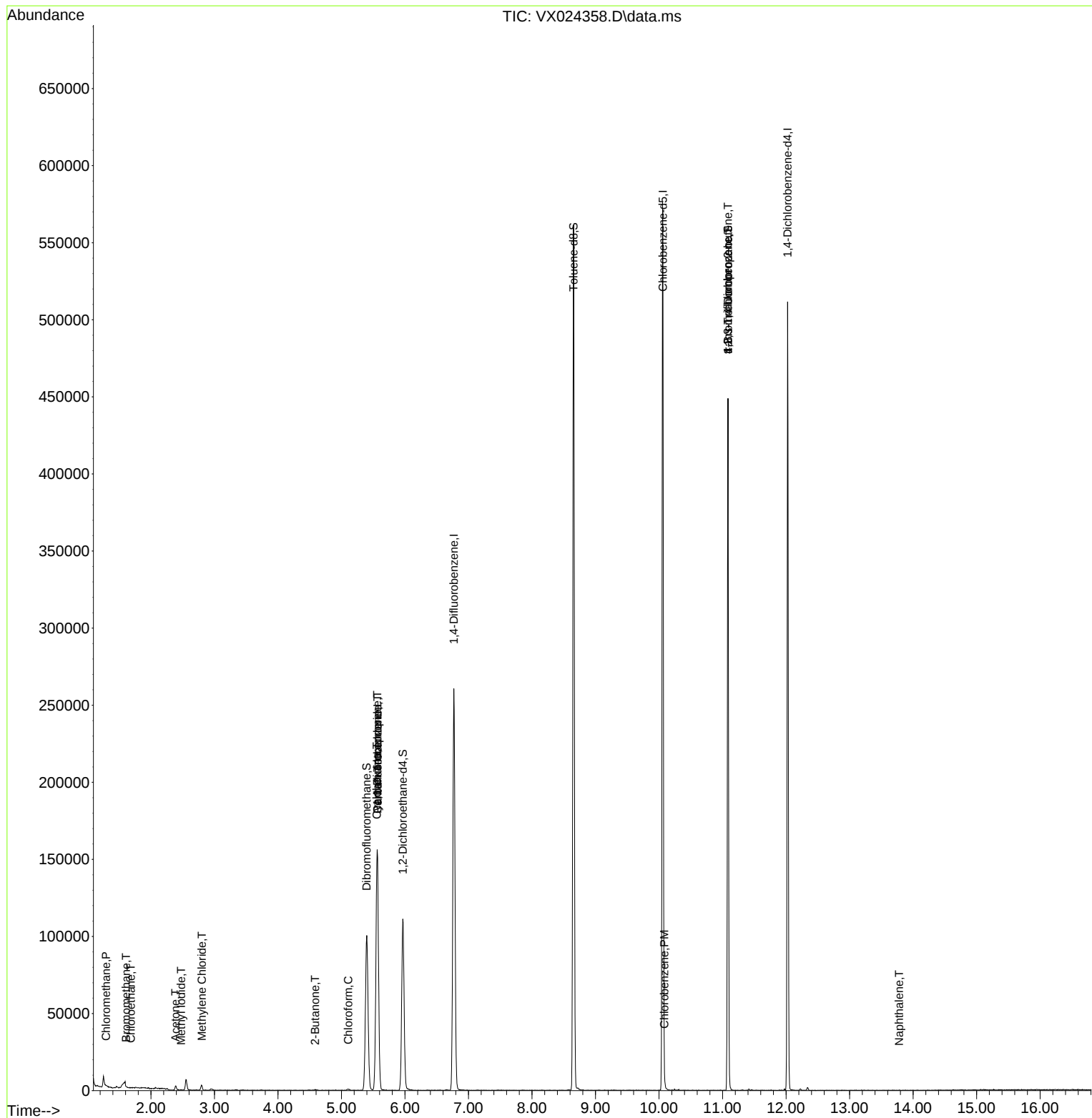
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	463	0.318	ug/l #	83
5) Bromomethane	1.605	94	477	0.553	ug/l	89
6) Chloroethane	1.684	64	228	2.187	ug/l #	43
10) Methyl Iodide	2.477	142	412	0.208	ug/l #	79
11) Tert butyl alcohol	2.958	59	594	Below Cal	#	73
16) Acetone	2.385	43	2893	3.279	ug/l #	83
20) Methylene Chloride	2.800	84	1402	0.827	ug/l #	84
25) 2-Butanone	4.586	43	386	0.297	ug/l #	45
30) Chloroform	5.104	83	975	0.327	ug/l #	61
31) Cyclohexane	5.556	56	3350	1.384	ug/l #	11
36) 1,1-Dichloropropene	5.562	75	11472	4.778	ug/l #	45
38) Carbon Tetrachloride	5.568	117	15825	5.856	ug/l #	16
65) Chlorobenzene	10.085	112	1622	0.300	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	57430	24.892	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57430	73.208	ug/l #	12
95) Naphthalene	13.780	128	177	1.311	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
Data File : VX024358.D
Acq On : 20 Sep 2021 18:03
Operator : JC/MD
Sample : M3817-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

Quant Time: Sep 21 08:42:41 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

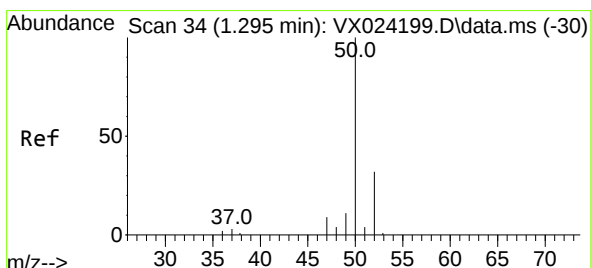
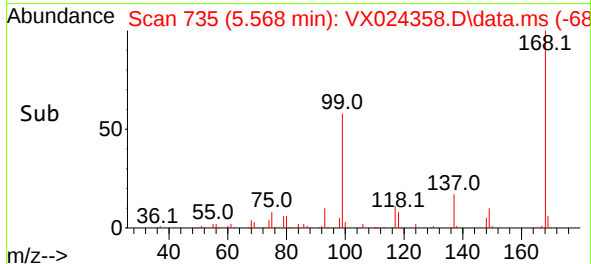
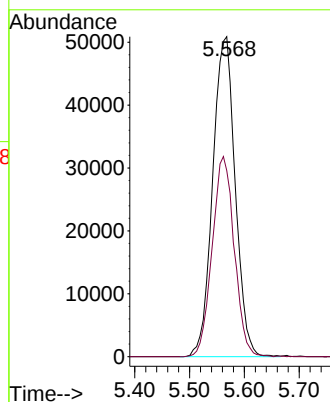
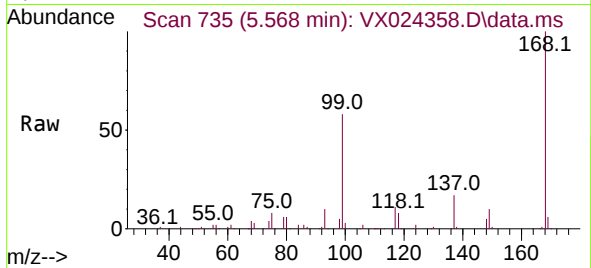




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

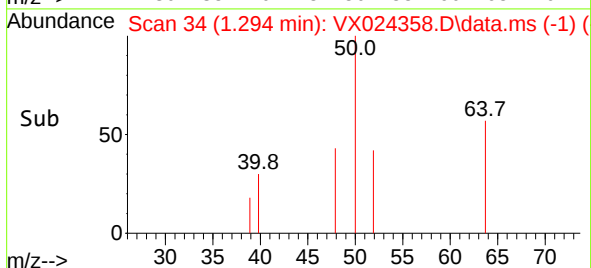
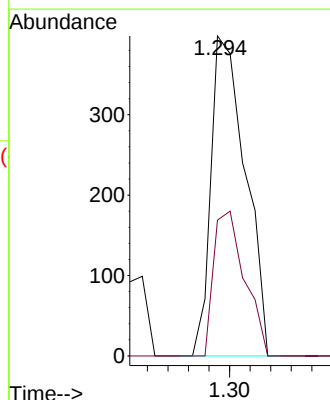
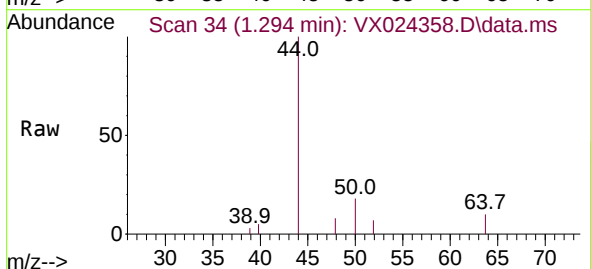
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

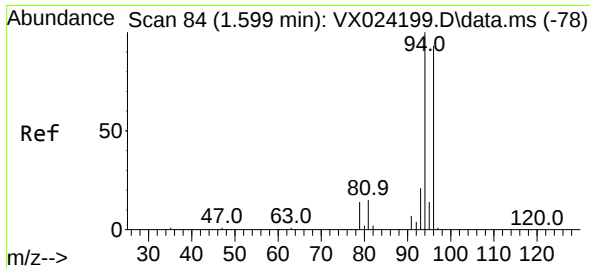
Tgt Ion:168 Resp: 145112
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#3
Chloromethane
Concen: 0.318 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 42.5 26.4 39.6#

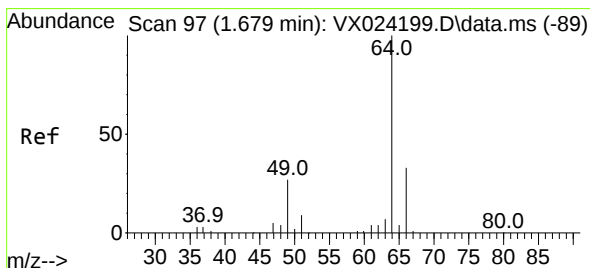
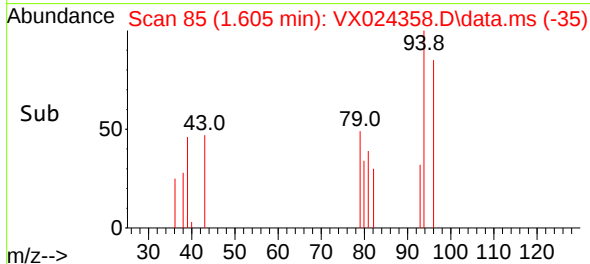
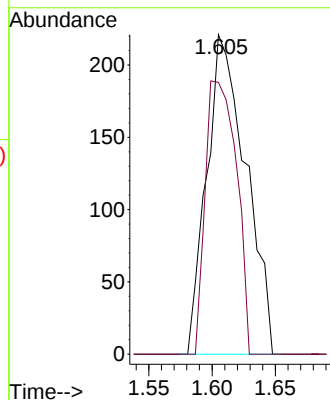
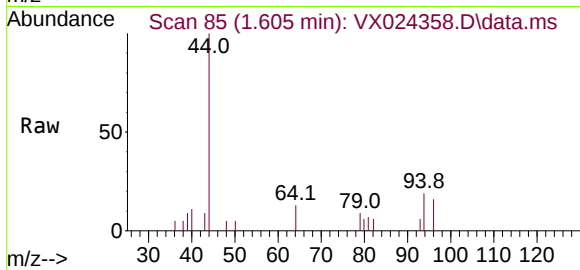




#5
Bromomethane
Concen: 0.553 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

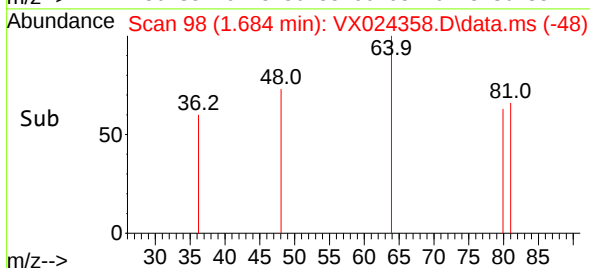
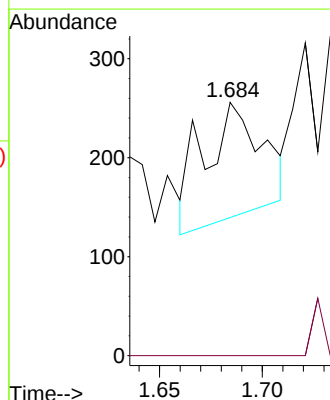
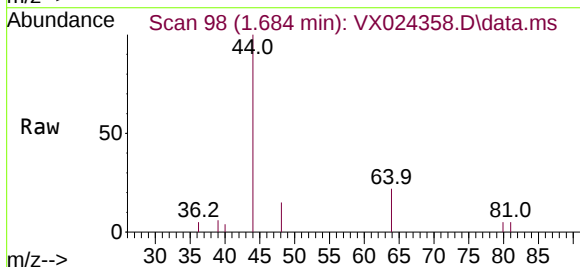
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

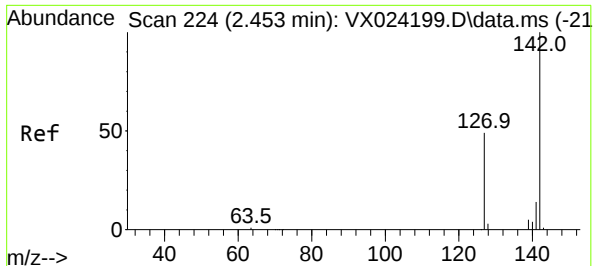
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 85.1 76.4 114.6



#6
Chloroethane
Concen: 2.187 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion: 64 Resp: 228
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

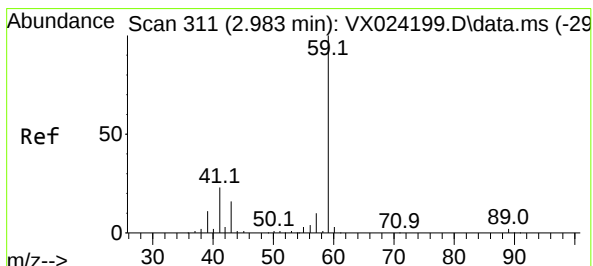
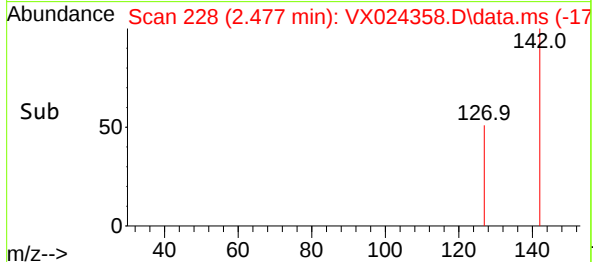
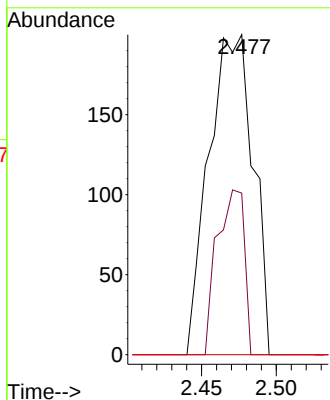
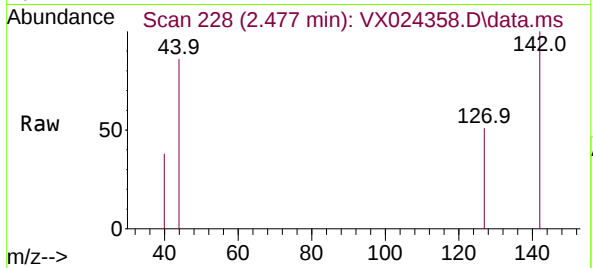




#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

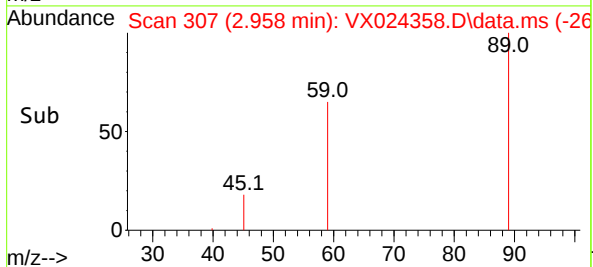
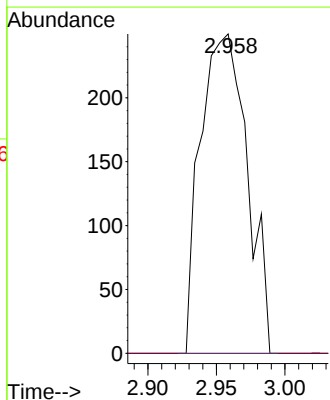
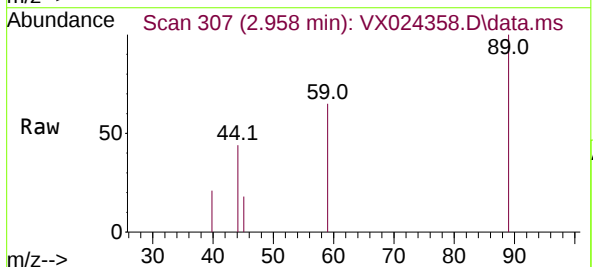
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

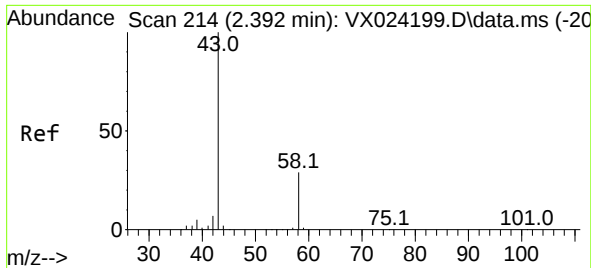
Tgt Ion:142 Resp: 412
Ion Ratio Lower Upper
142 100
127 31.6 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion: 59 Resp: 594
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

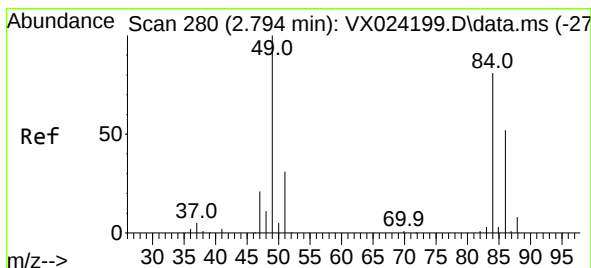
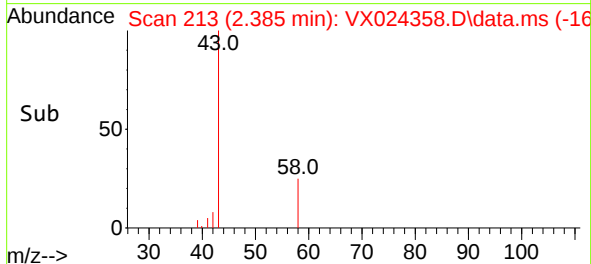
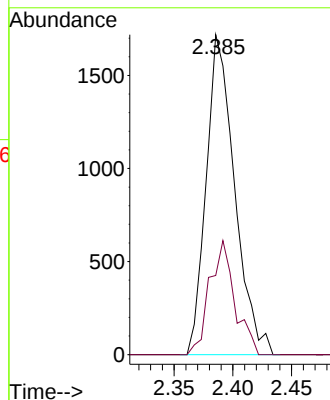
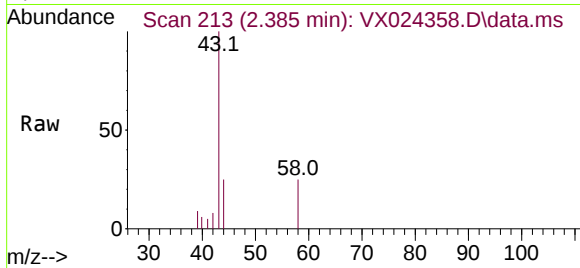




#16
Acetone
Concen: 3.279 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

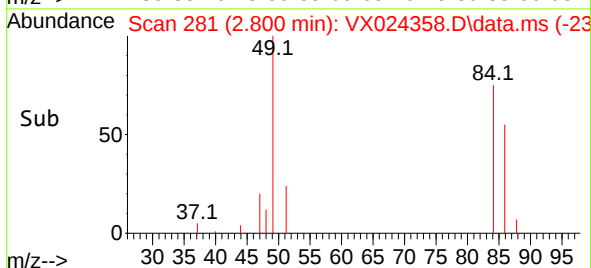
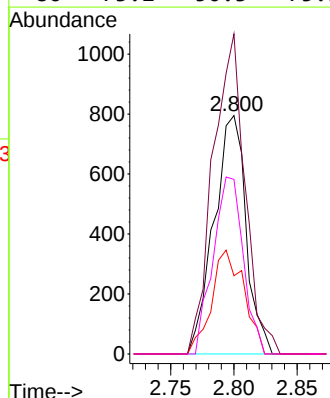
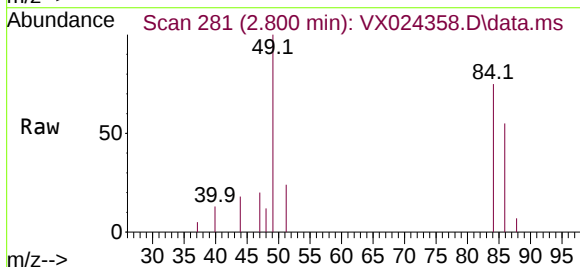
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

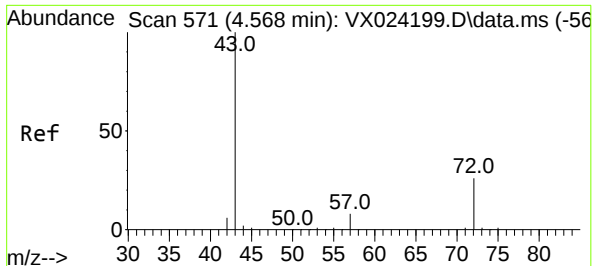
Tgt Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.827 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion: 84 Resp: 1402
Ion Ratio Lower Upper
84 100
49 134.2 88.6 132.8#
51 32.8 27.0 40.6
86 73.2 50.3 75.5

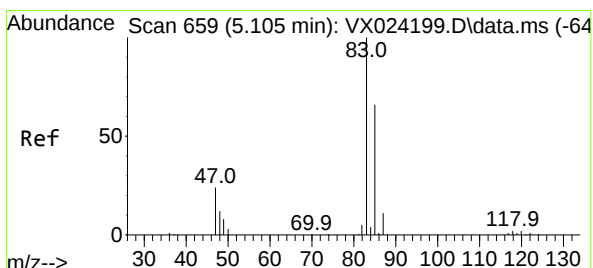
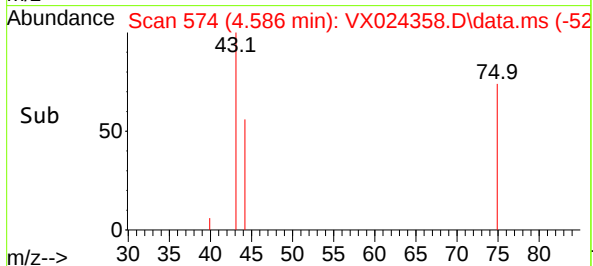
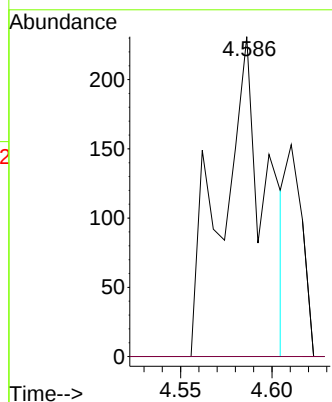
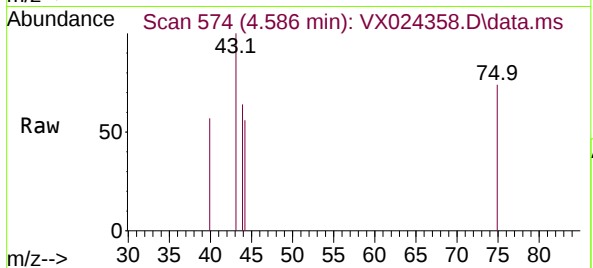




#25
2-Butanone
Concen: 0.297 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

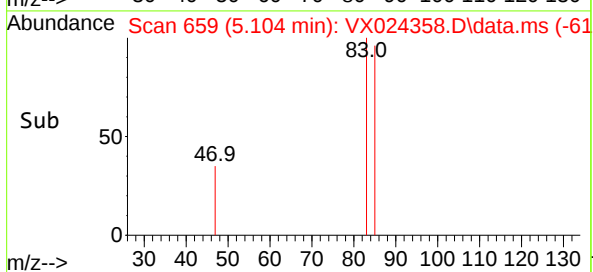
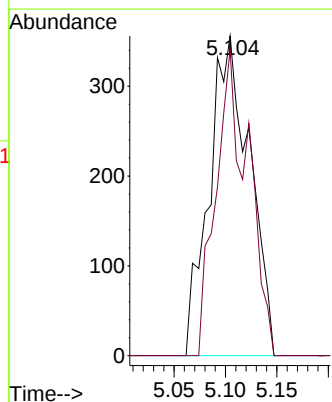
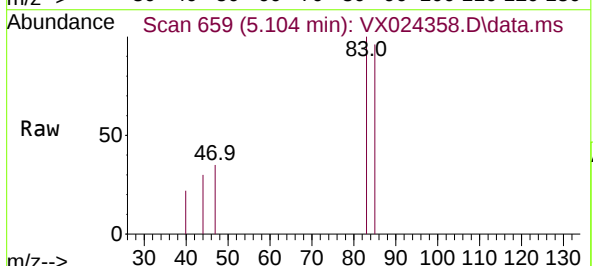
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

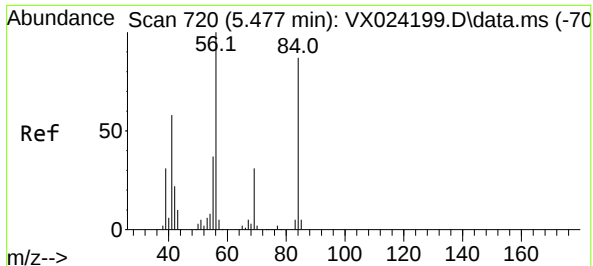
Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#30
Chloroform
Concen: 0.327 ug/l
RT: 5.104 min Scan# 659
Delta R.T. -0.001 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion: 83 Resp: 975
Ion Ratio Lower Upper
83 100
85 95.8 52.0 78.0#





#31

Cyclohexane

Concen: 1.384 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024358.D

Acq: 20 Sep 2021 18:03

Instrument :

MSVOA_X

ClientSampleId :

SW-CB-02-(0.3)

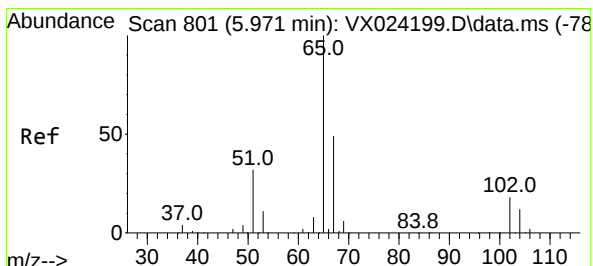
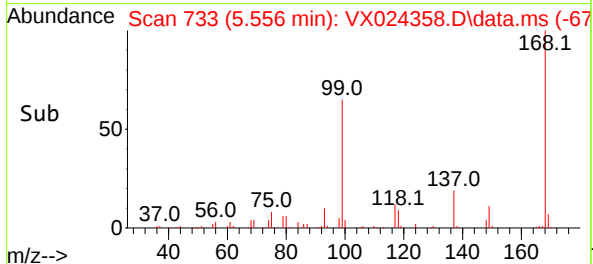
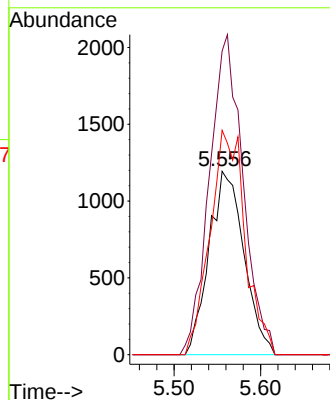
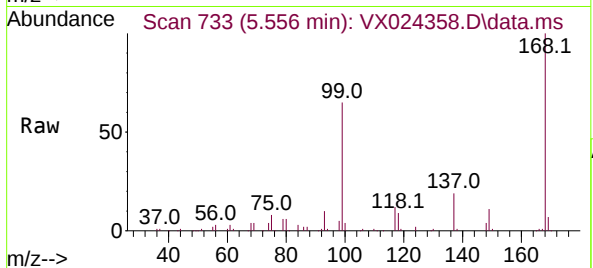
Tgt Ion: 56 Resp: 3350

Ion Ratio Lower Upper

56 100

69 165.6 25.3 37.9#

84 122.3 71.4 107.0#



#33

1,2-Dichloroethane-d4

Concen: 53.630 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024358.D

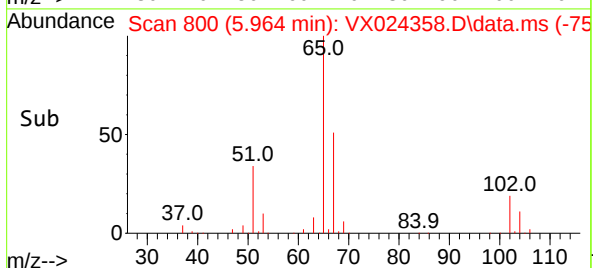
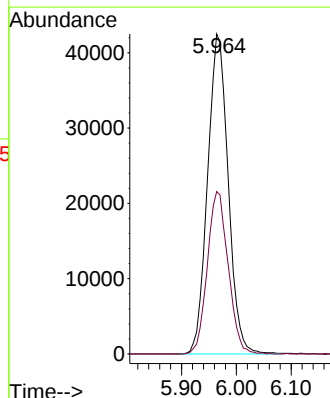
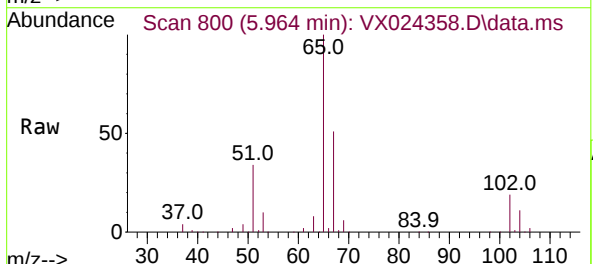
Acq: 20 Sep 2021 18:03

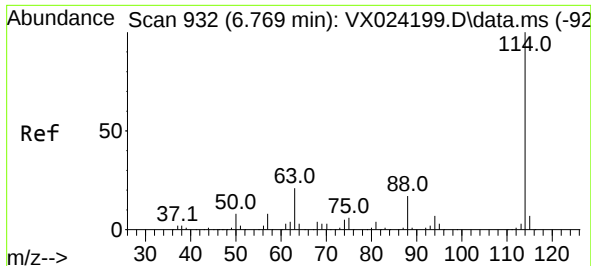
Tgt Ion: 65 Resp: 110975

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.4

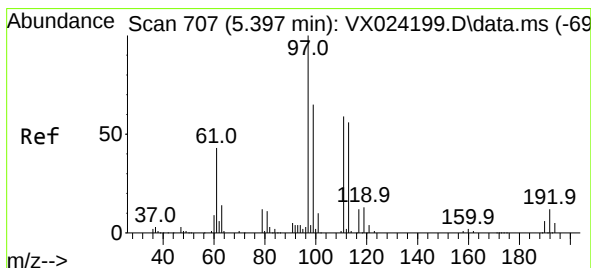
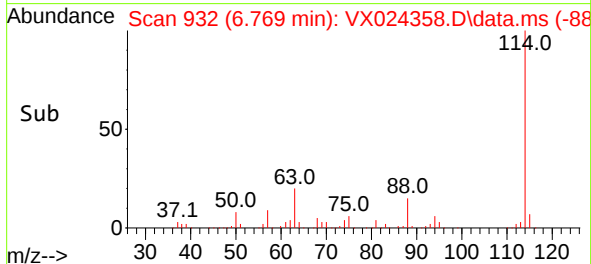
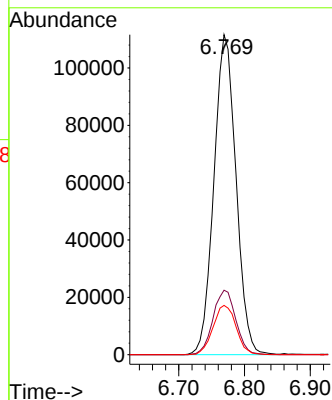
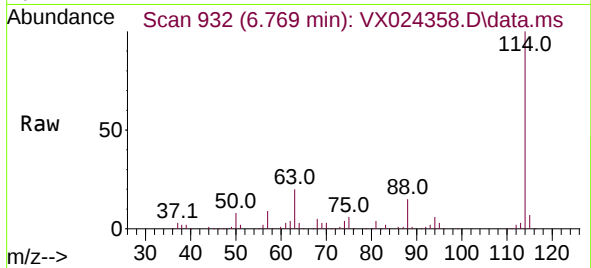




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

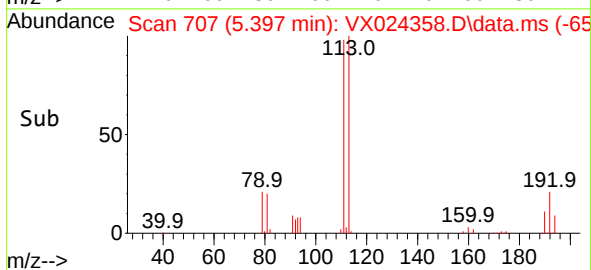
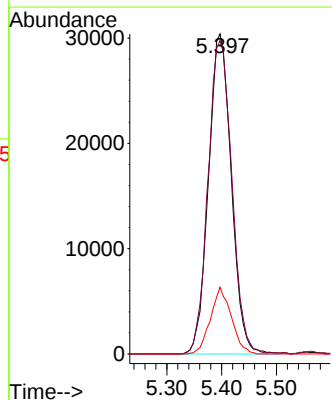
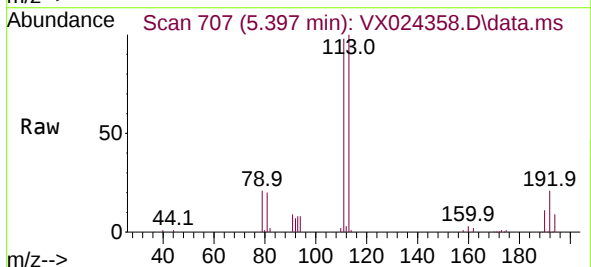
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

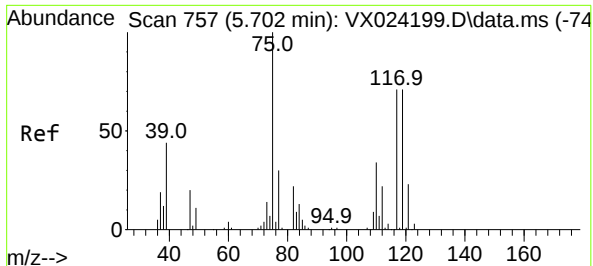
Tgt Ion:114 Resp: 261149
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.087 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion:113 Resp: 87722
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.778 ug/l

RT: 5.562 min Scan# 734

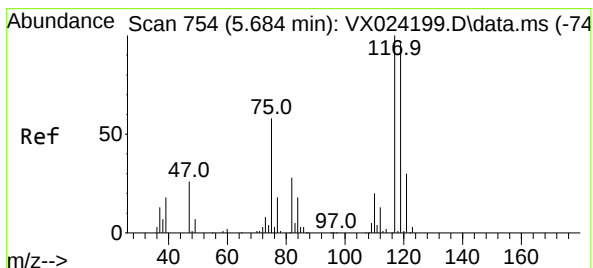
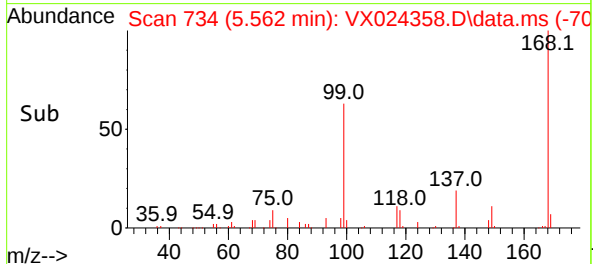
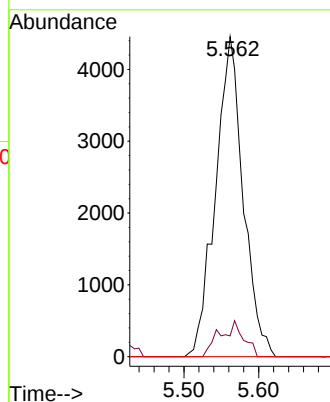
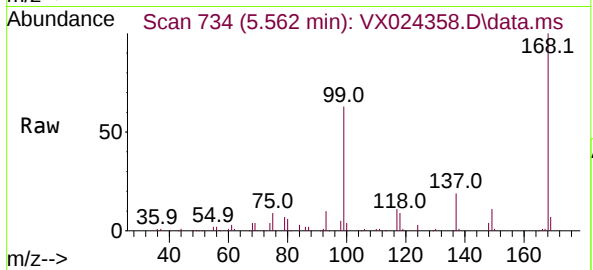
Delta R.T. -0.140 min

Lab File: VX024358.D

Acq: 20 Sep 2021 18:03

Tgt Ion:	75	Resp:	11472
Ion	Ratio	Lower	Upper
75	100		
110	4.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)



#38

Carbon Tetrachloride

Concen: 5.856 ug/l

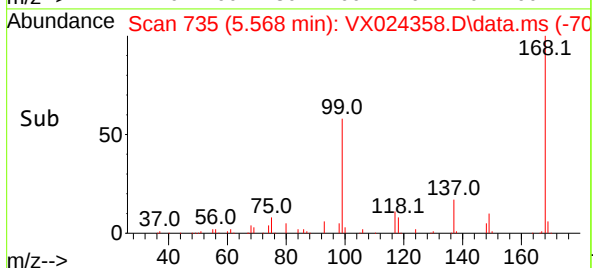
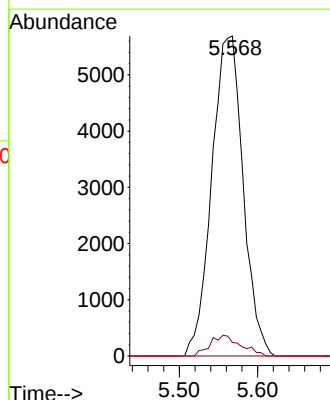
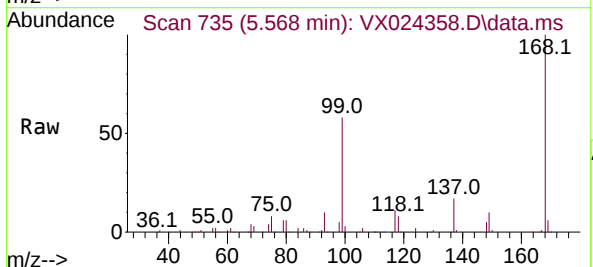
RT: 5.568 min Scan# 735

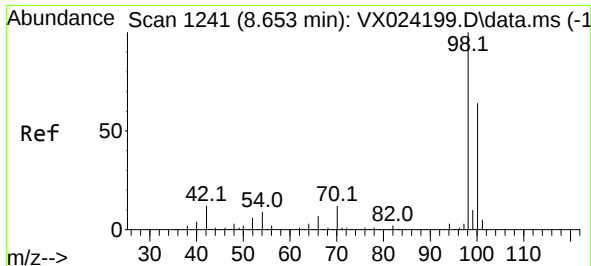
Delta R.T. -0.116 min

Lab File: VX024358.D

Acq: 20 Sep 2021 18:03

Tgt Ion:	117	Resp:	15825
Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.8	37.2#

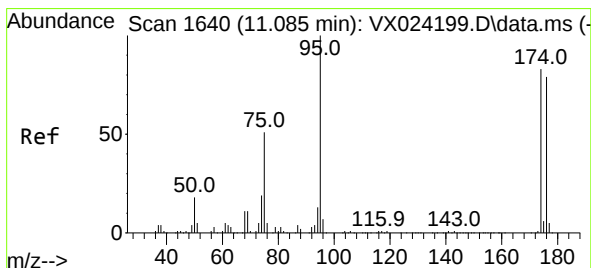
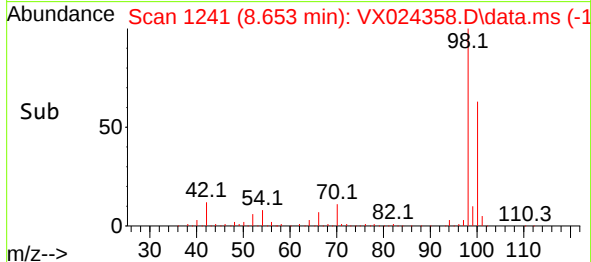
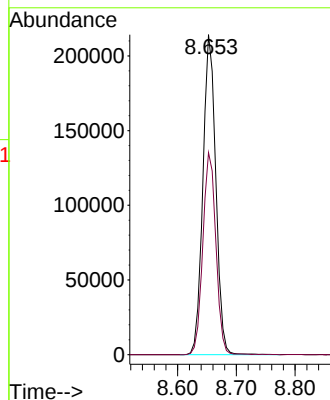
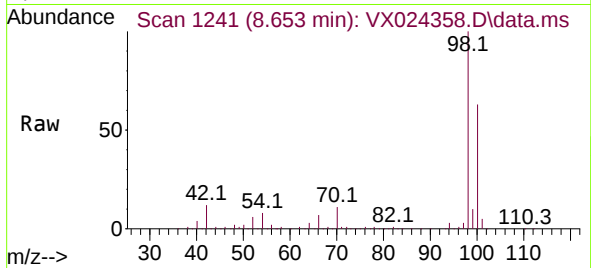




#50
Toluene-d8
Concen: 51.292 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

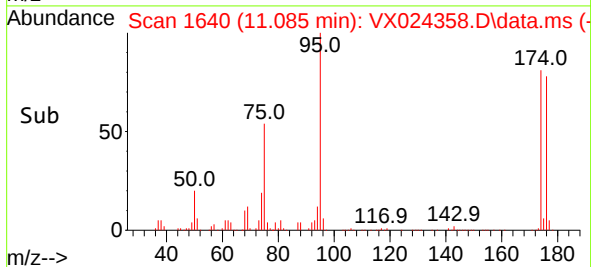
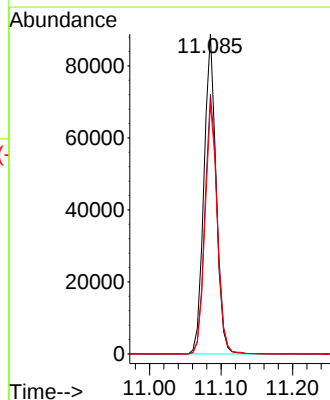
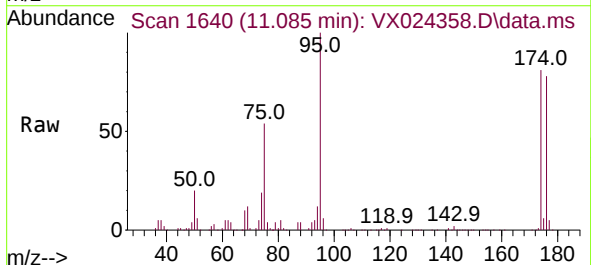
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

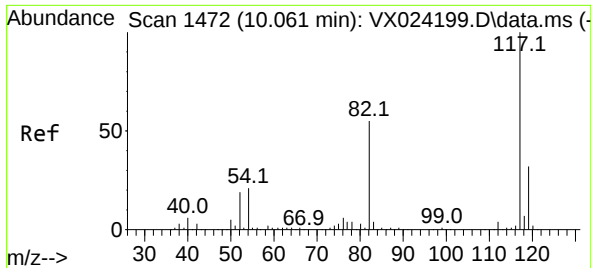
Tgt Ion: 98 Resp: 327254
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.108 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion: 95 Resp: 104553
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.6
176 78.5 0.0 155.8

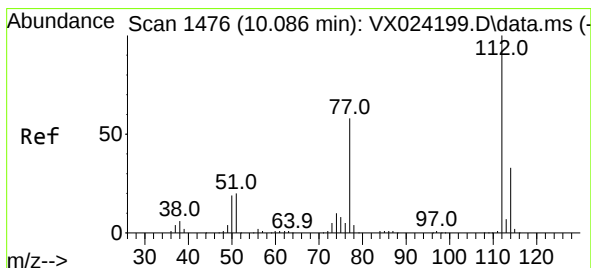
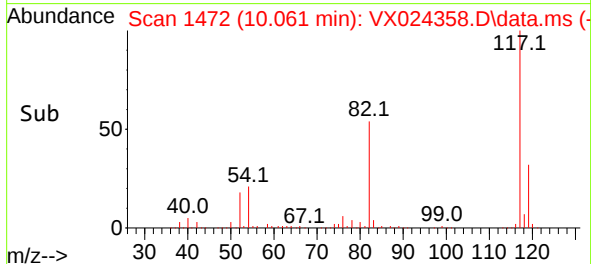
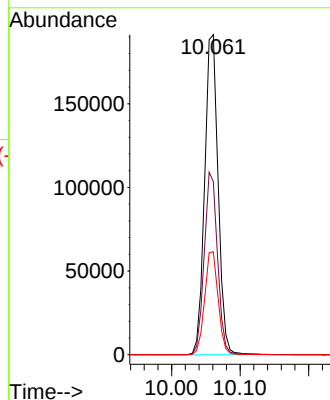
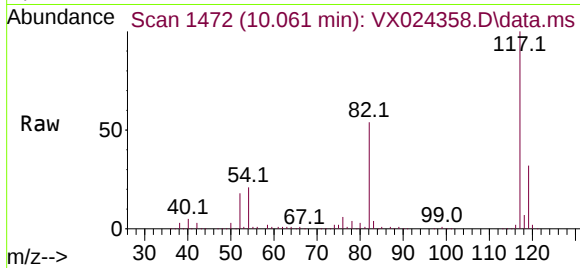




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

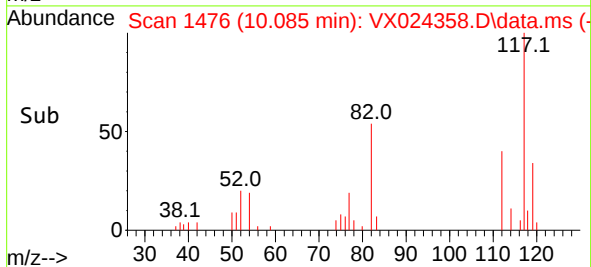
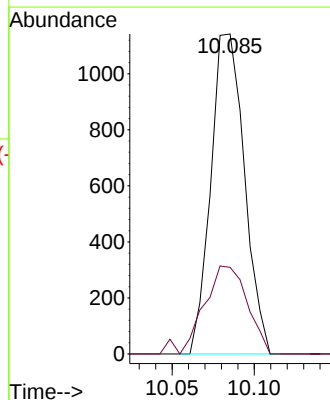
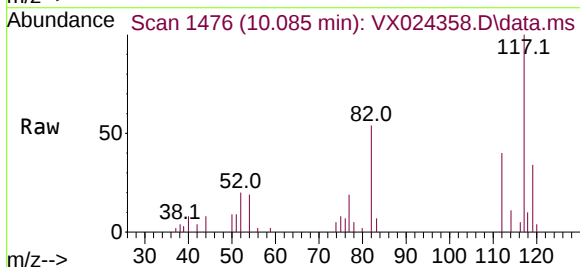
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

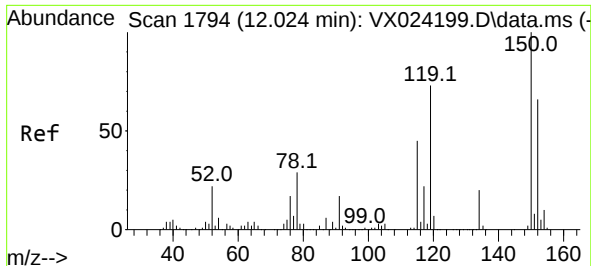
Tgt Ion:117 Resp: 262419
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.1 26.6 39.8



#65
Chlorobenzene
Concen: 0.300 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion:112 Resp: 1622
Ion Ratio Lower Upper
112 100
114 27.1 25.8 38.6

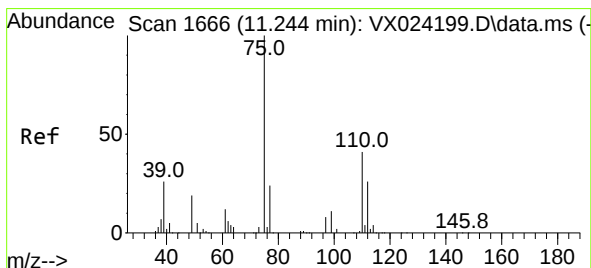
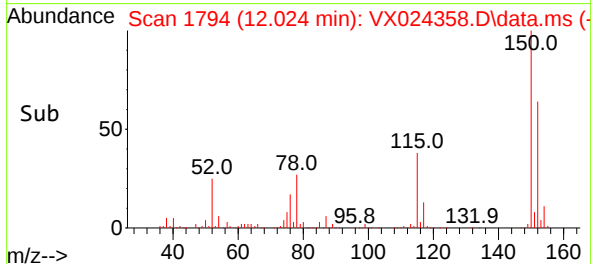
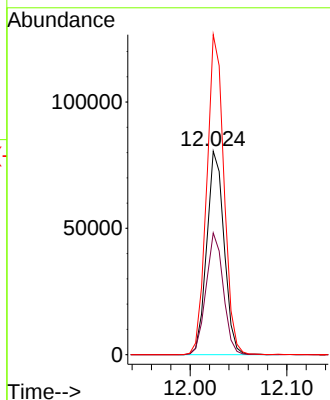
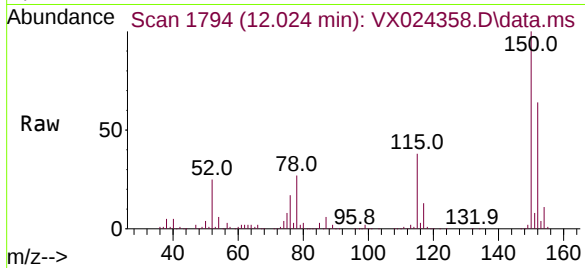




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024358.D
 Acq: 20 Sep 2021 18:03

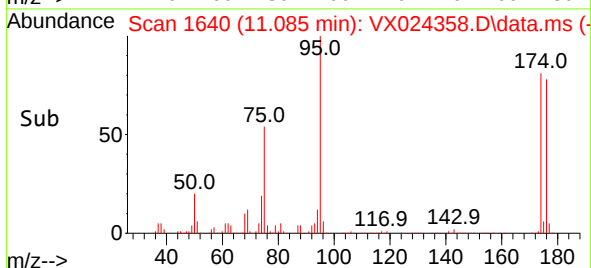
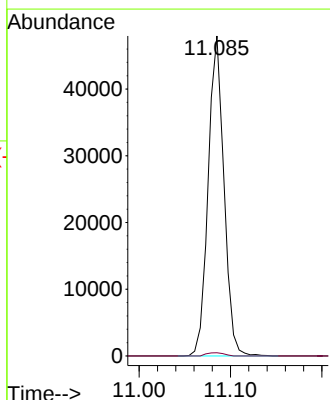
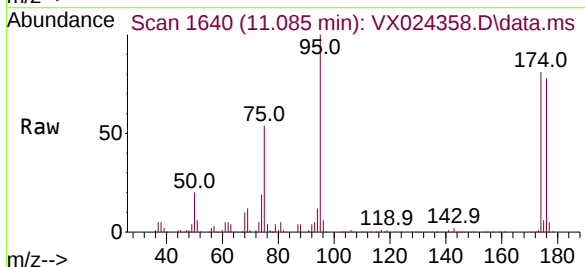
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.3)

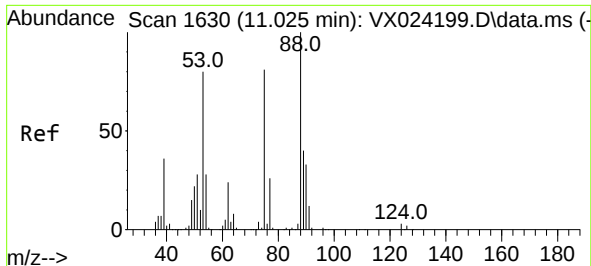
Tgt Ion:152 Resp: 100337
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.892 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024358.D
 Acq: 20 Sep 2021 18:03

Tgt Ion: 75 Resp: 57430
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

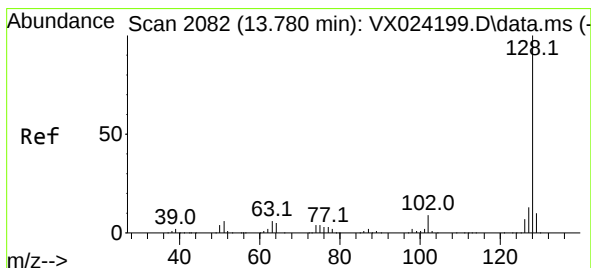
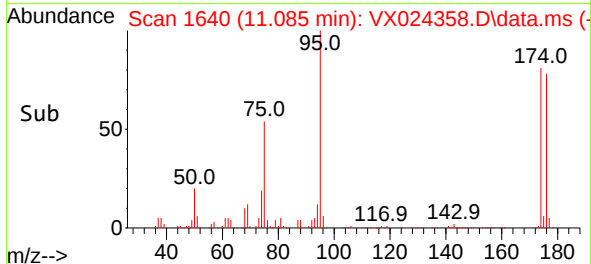
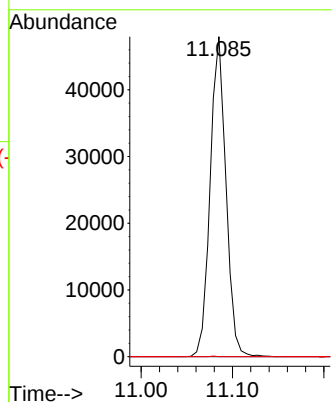
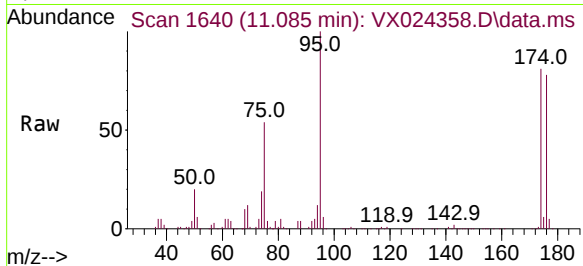




#81
trans-1,4-Dichloro-2-butene
Concen: 73.208 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

Tgt Ion: 75 Resp: 57430
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.311 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024358.D
Acq: 20 Sep 2021 18:03

Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

