

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024308.D
 Acq On : 17 Sep 2021 14:47
 Operator : JC/MD
 Sample : M3791-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 17 15:33:06 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	134428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	198610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103014	53.740	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.480%	
35) Dibromofluoromethane	5.403	113	73458	50.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	8.653	98	292008	55.040	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.080%	
62) 4-Bromofluorobenzene	11.085	95	101641	49.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.460%	

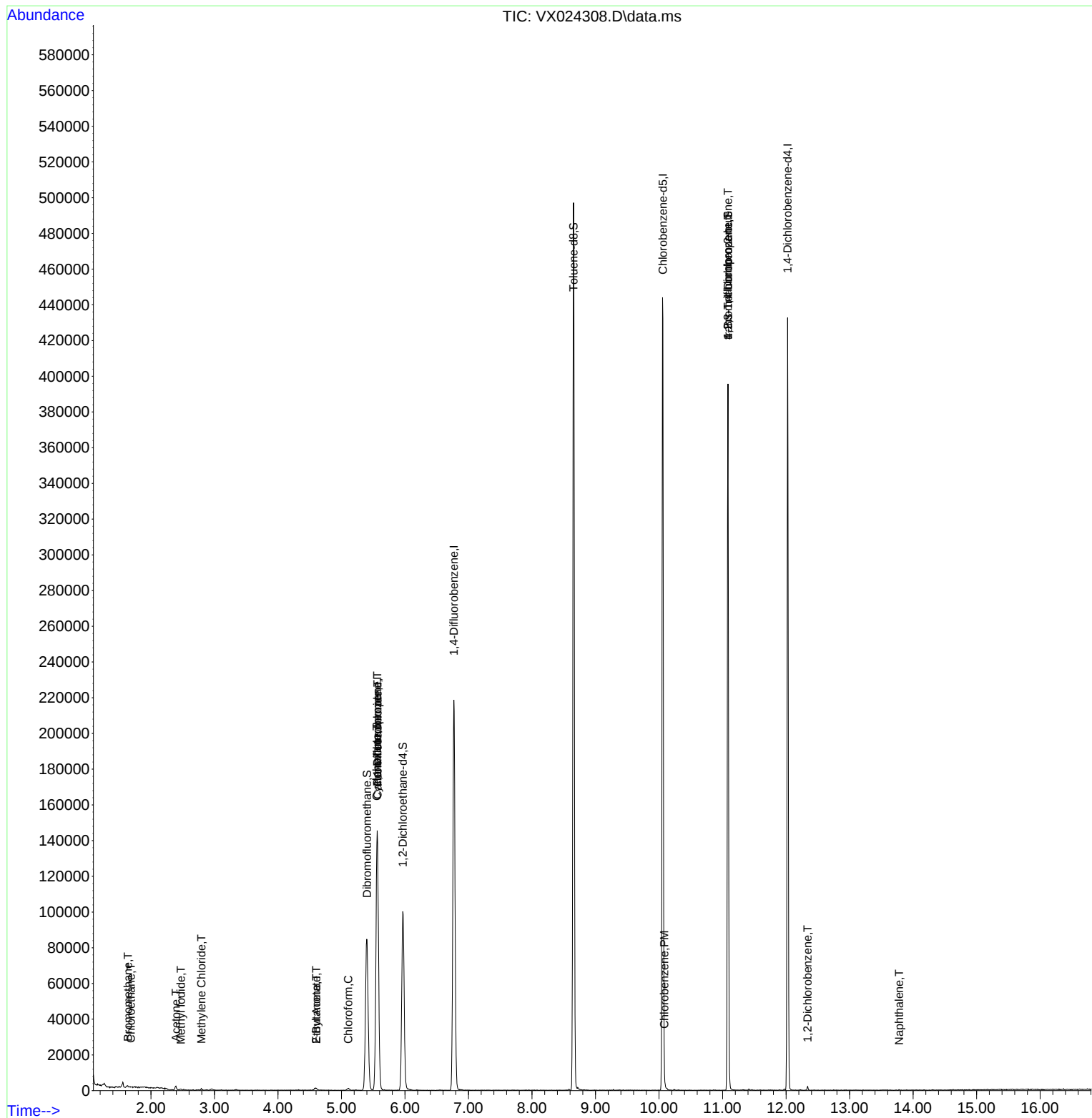
Target Compounds			Qvalue			
5) Bromomethane	1.636	94	458	0.573	ug/l #	60
6) Chloroethane	1.685	64	204	2.181	ug/l #	43
10) Methyl Iodide	2.471	142	607	0.332	ug/l #	81
11) Tert butyl alcohol	2.953	59	513	Below Cal	#	73
16) Acetone	2.392	43	2312	2.829	ug/l #	79
20) Methylene Chloride	2.794	84	334	0.213	ug/l #	67
25) 2-Butanone	4.605	43	504	0.419	ug/l #	45
30) Chloroform	5.105	83	1360	0.493	ug/l #	79
31) Cyclohexane	5.556	56	3030	1.351	ug/l #	51
36) 1,1-Dichloropropene	5.562	75	10987	5.503	ug/l #	50
37) Ethyl Acetate	4.605	43	504	0.217	ug/l #	75
38) Carbon Tetrachloride	5.568	117	14366	6.393	ug/l #	15
65) Chlorobenzene	10.085	112	952	0.233	ug/l #	86
76) 1,2,3-Trichloropropane	11.085	75	54431	27.269	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54431	80.198	ug/l #	12
91) 1,2-Dichlorobenzene	12.341	146	782	0.274	ug/l	85
95) Naphthalene	13.780	128	252	1.327	ug/l #	69

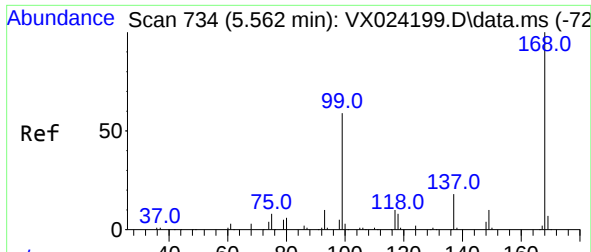
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Sep 17 15:33:06 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

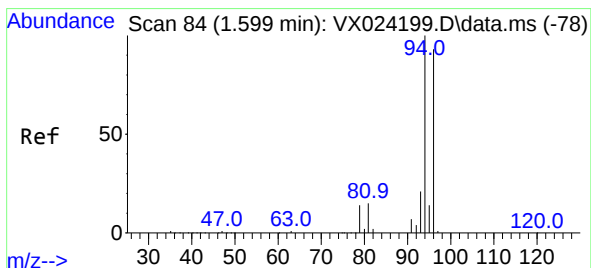
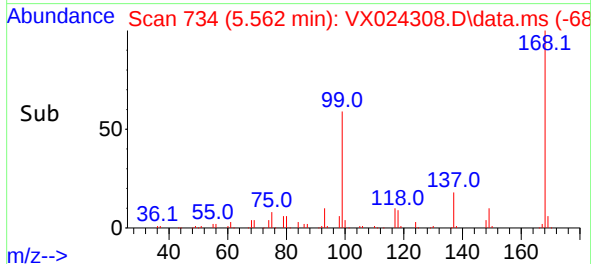
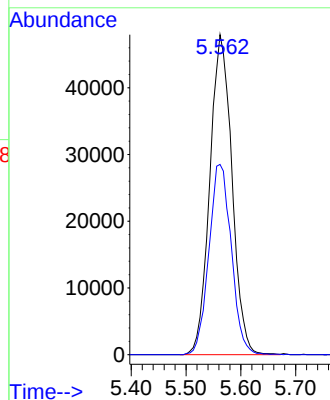
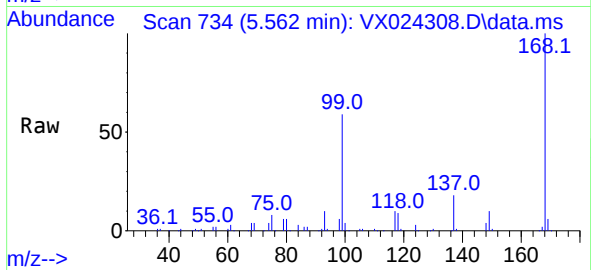




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

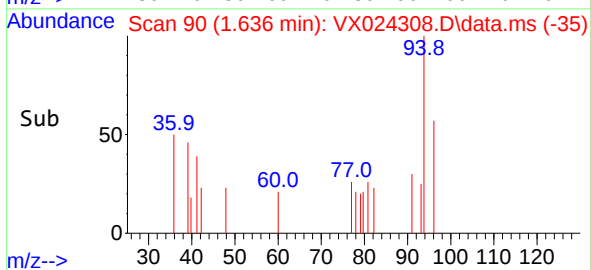
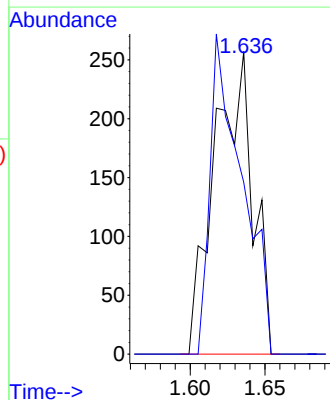
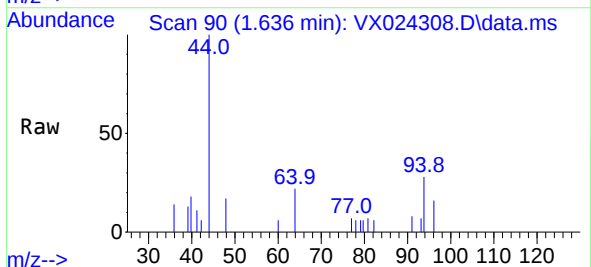
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

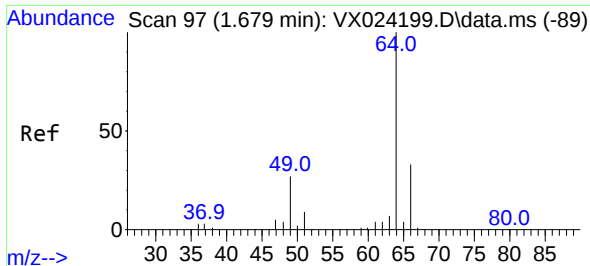
Tgt Ion:168 Resp: 134428
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#5
Bromomethane
Concen: 0.573 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 56.8 76.4 114.6#

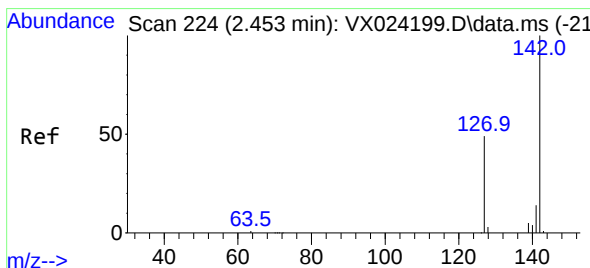
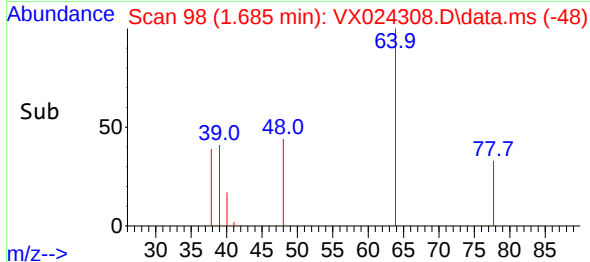
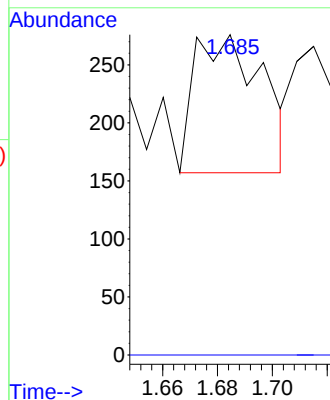
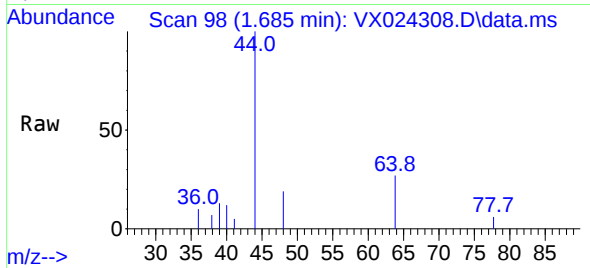




#6
Chloroethane
Concen: 2.181 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

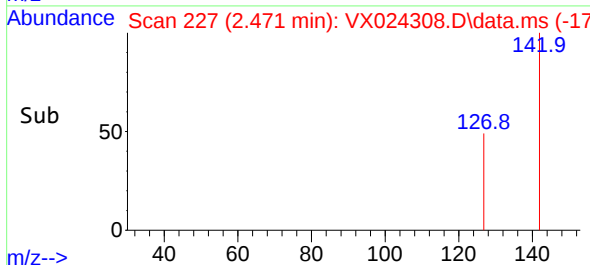
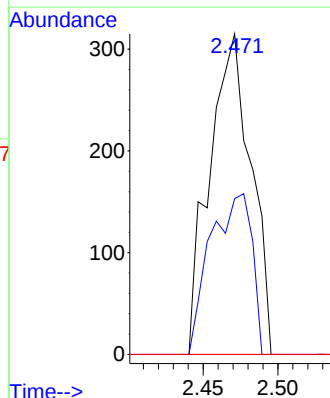
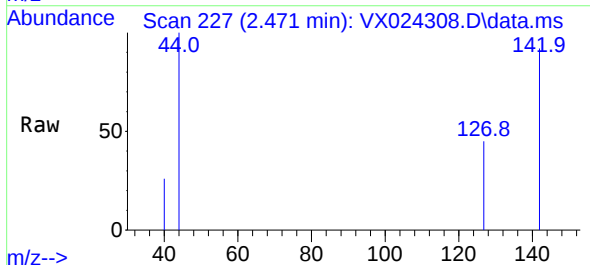
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

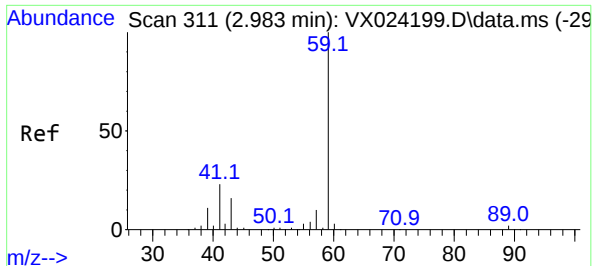
Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.332 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion: 142 Resp: 607
Ion Ratio Lower Upper
142 100
127 50.2 33.3 49.9#
141 0.0 11.4 17.0#



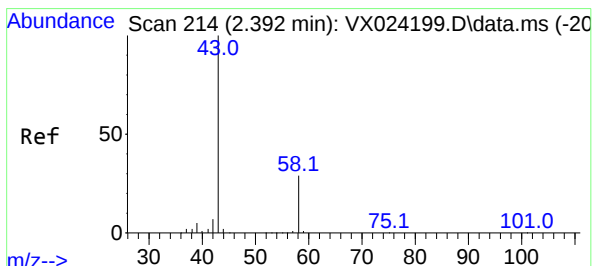
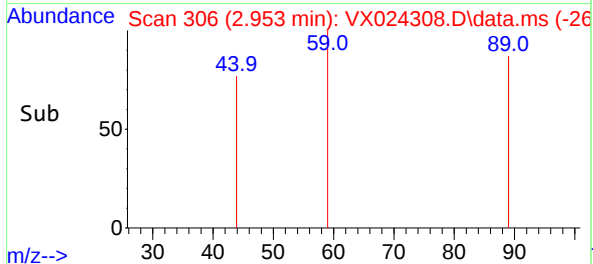
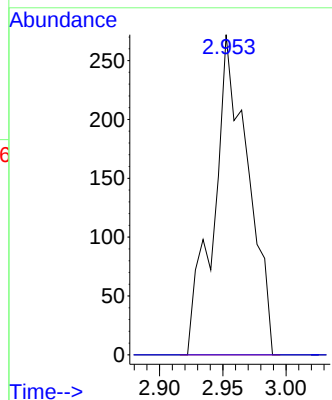
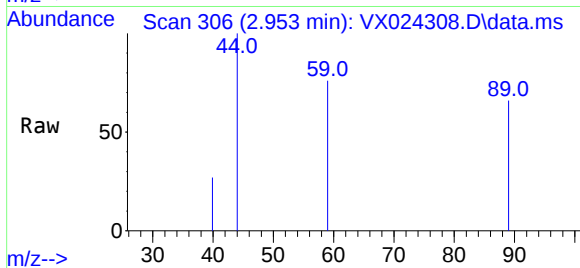


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

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

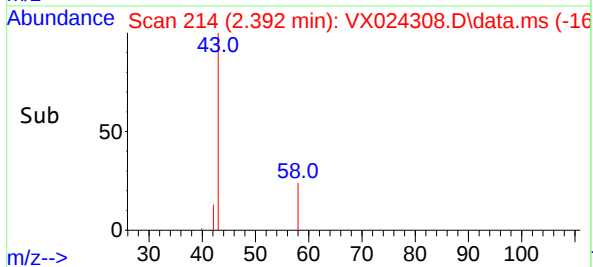
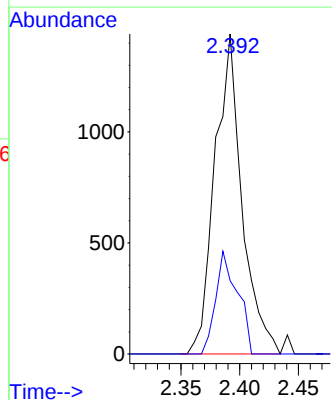
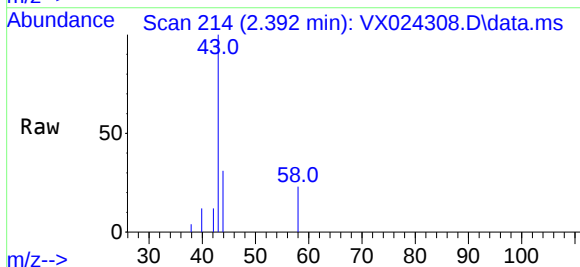
Tgt Ion: 59 Resp: 513
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

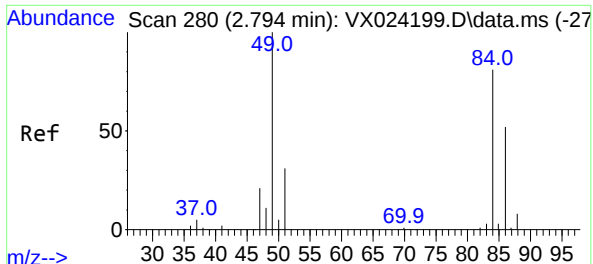


#16

Acetone
Concen: 2.829 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
58 22.9 27.8 41.8#





#20

Methylene Chloride

Concen: 0.213 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024308.D

Acq: 17 Sep 2021 14:47

Tgt Ion: 84 Resp: 334

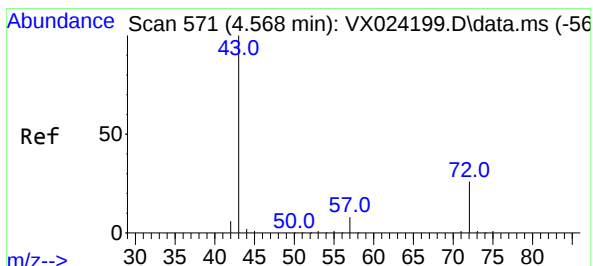
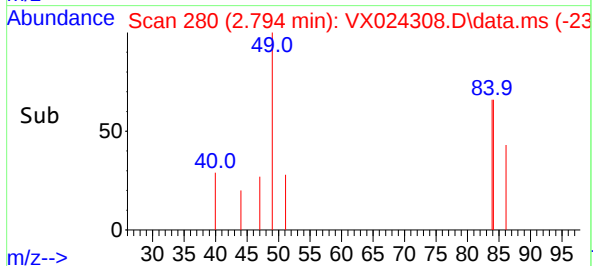
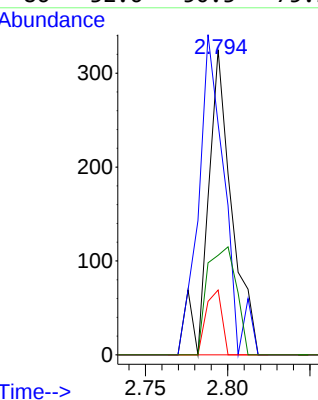
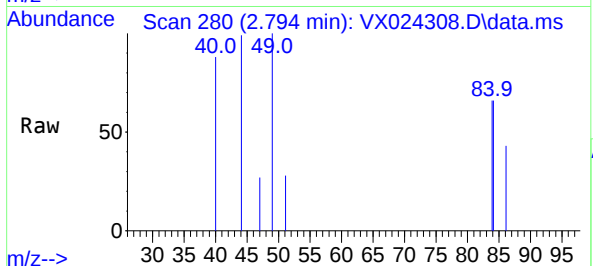
Ion Ratio Lower Upper

84 100

49 75.7 88.6 132.8#

51 21.2 27.0 40.6#

86 32.6 50.3 75.5#



#25

2-Butanone

Concen: 0.419 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.037 min

Lab File: VX024308.D

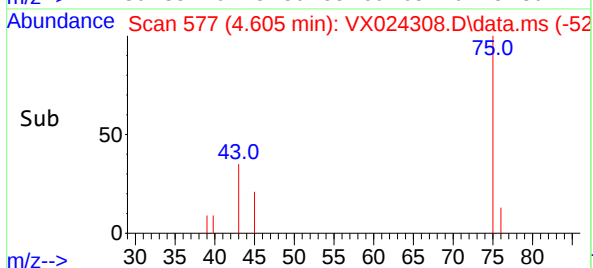
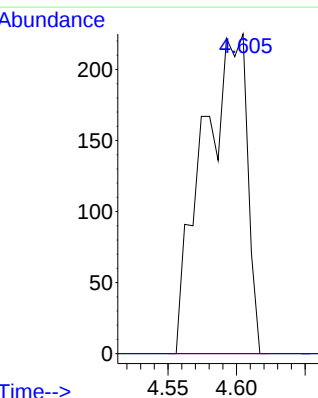
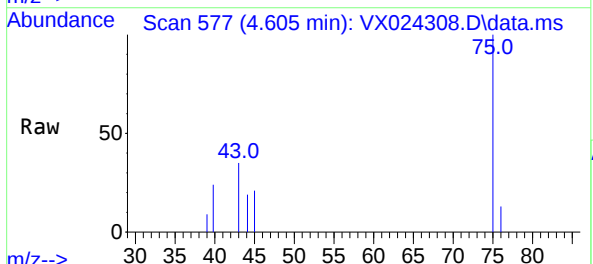
Acq: 17 Sep 2021 14:47

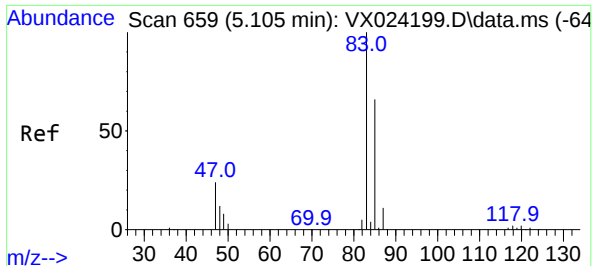
Tgt Ion: 43 Resp: 504

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#30

Chloroform

Concen: 0.493 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024308.D

Acq: 17 Sep 2021 14:47

Tgt Ion: 83 Resp: 1360

Ion Ratio Lower Upper

83 100

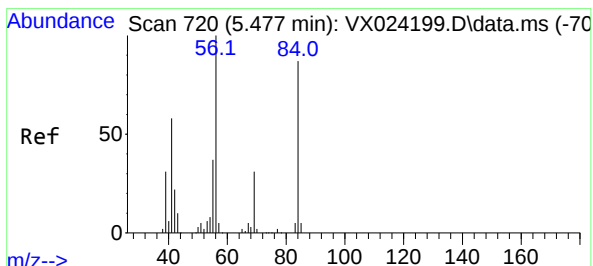
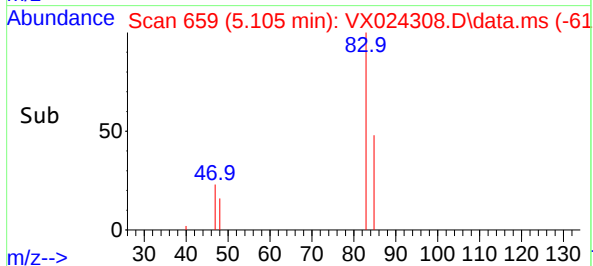
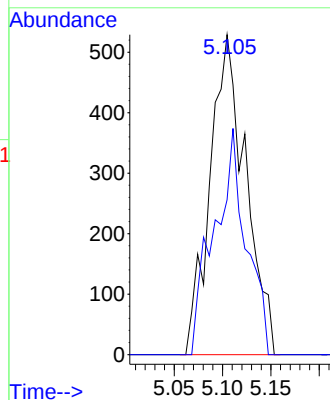
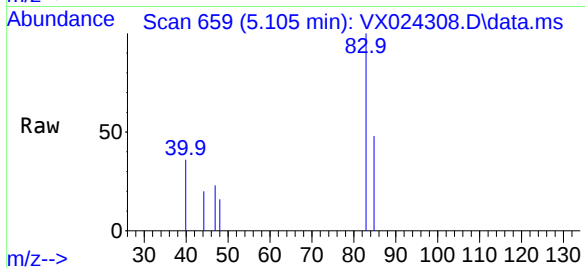
85 48.4 52.0 78.0#

Instrument :

MSVOA_X

ClientSampleId :

SW-CB-02-(0.3)



#31

Cyclohexane

Concen: 1.351 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024308.D

Acq: 17 Sep 2021 14:47

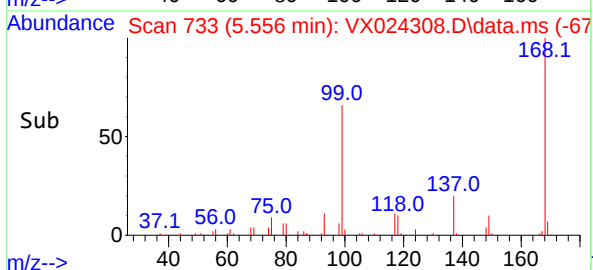
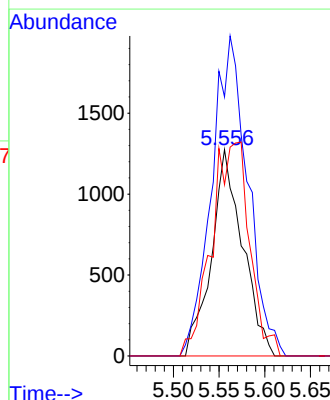
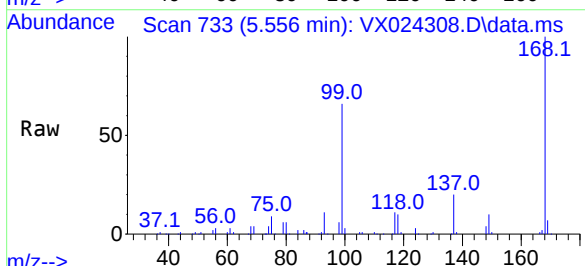
Tgt Ion: 56 Resp: 3030

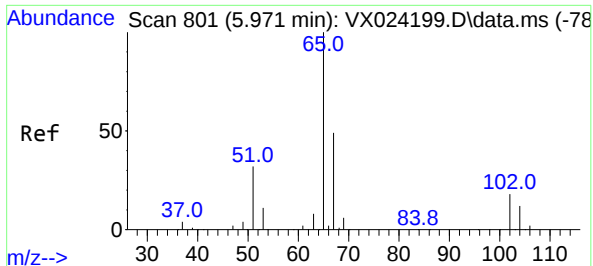
Ion Ratio Lower Upper

56 100

69 125.5 25.3 37.9#

84 83.1 71.4 107.0



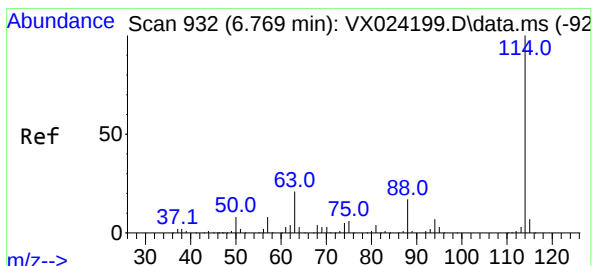
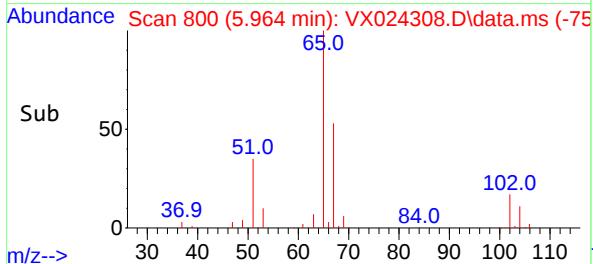
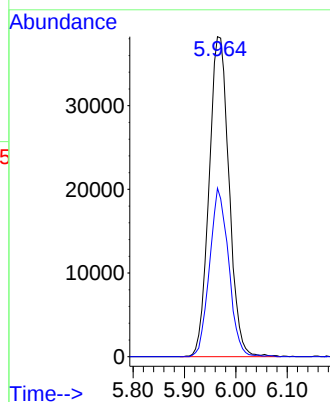
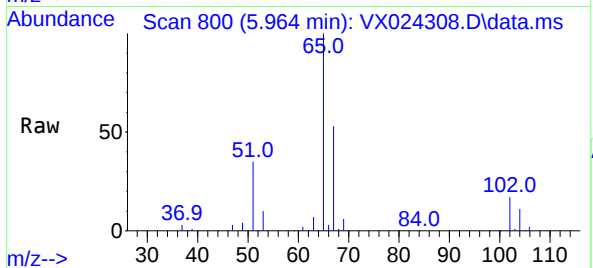


#33

1,2-Dichloroethane-d4
Concen: 53.740 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

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

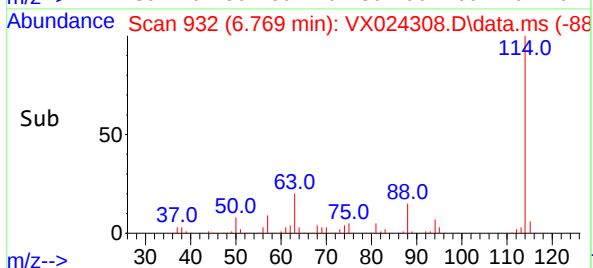
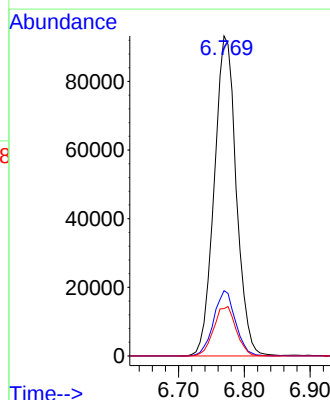
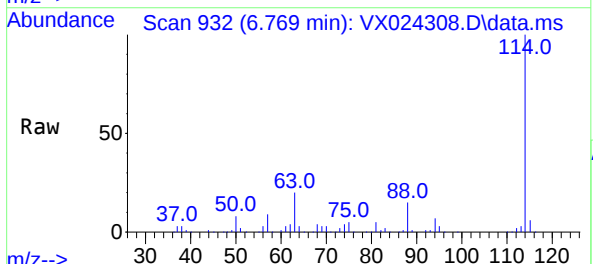
Tgt Ion: 65 Resp: 103014
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

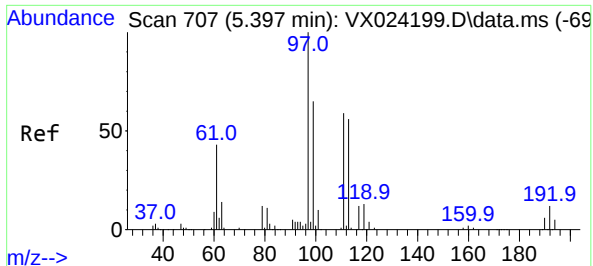


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion: 114 Resp: 217154
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 14.8 0.0 32.8

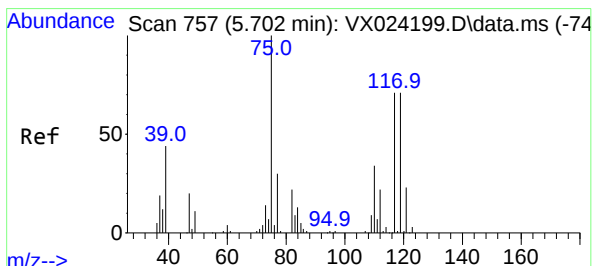
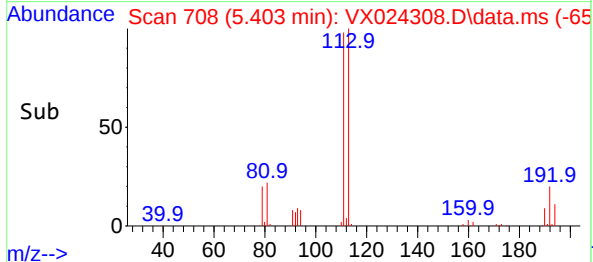
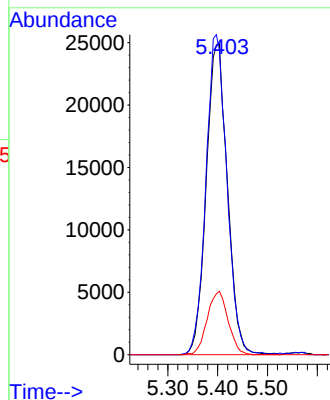
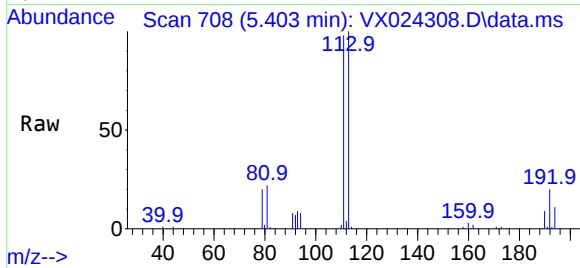




#35
Dibromofluoromethane
Concen: 50.441 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

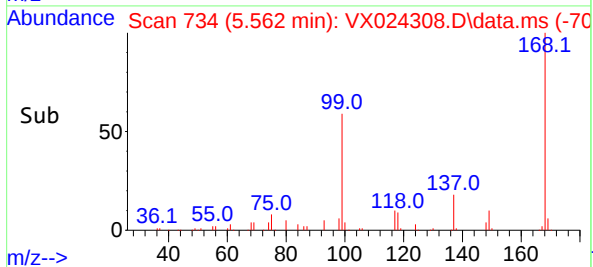
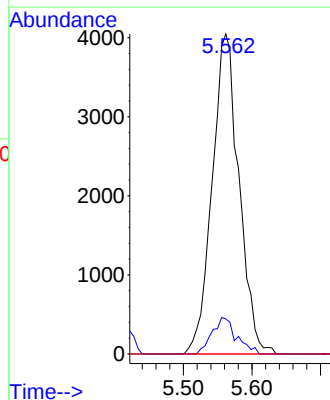
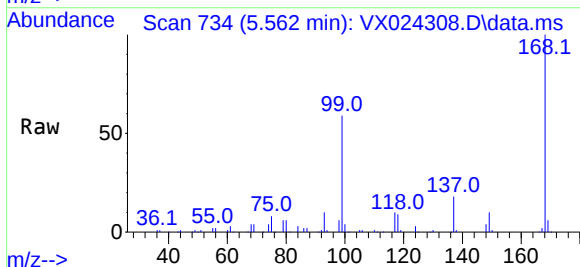
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

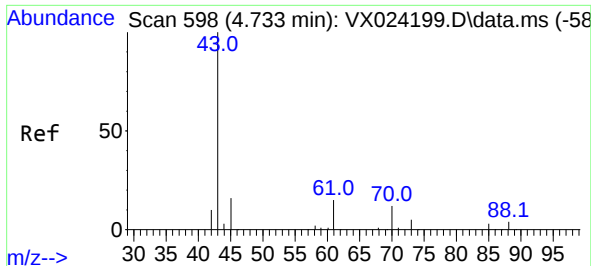
Tgt Ion:	113	Resp:	73458
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	20.1	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.503 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion:	75	Resp:	10987
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 0.217 ug/l

RT: 4.605 min Scan# 577

Delta R.T. -0.128 min

Lab File: VX024308.D

Acq: 17 Sep 2021 14:47

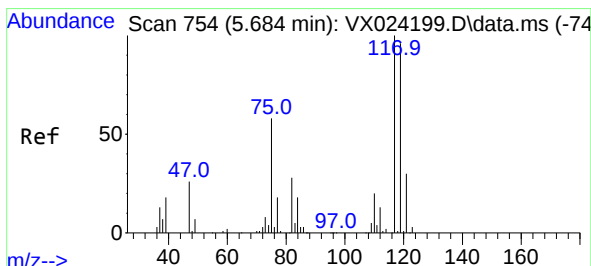
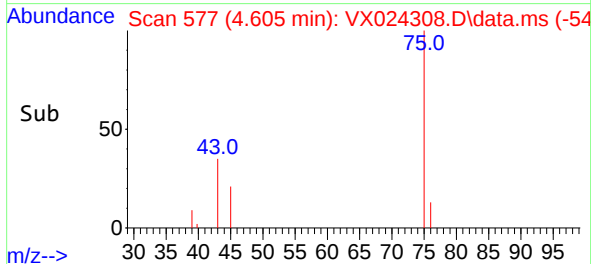
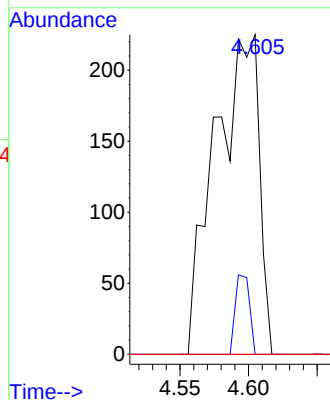
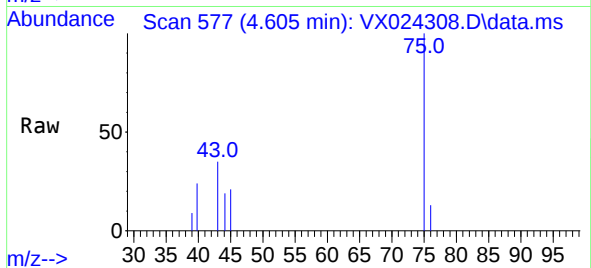
Instrument :

MSVOA_X

ClientSampleId :

SW-CB-02-(0.3)

Tgt Ion:	43	Resp:	504
Ion	Ratio	Lower	Upper
43	100		
61	7.9	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 6.393 ug/l

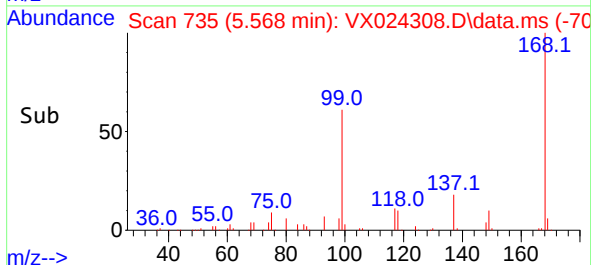
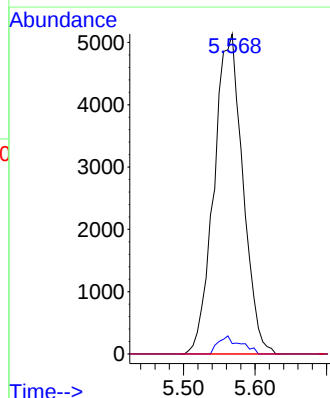
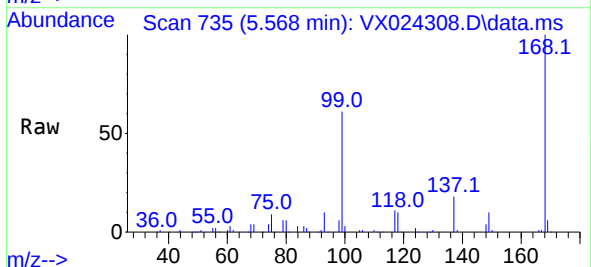
RT: 5.568 min Scan# 735

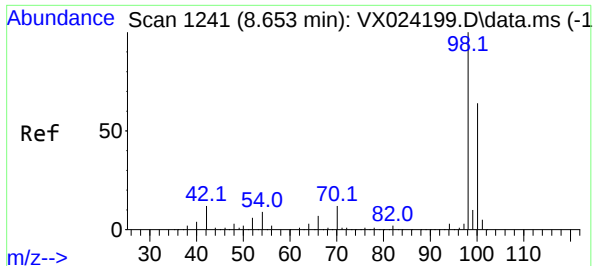
Delta R.T. -0.116 min

Lab File: VX024308.D

Acq: 17 Sep 2021 14:47

Tgt Ion:	117	Resp:	14366
Ion	Ratio	Lower	Upper
117	100		
119	3.2	76.2	114.2#
121	0.0	24.8	37.2#

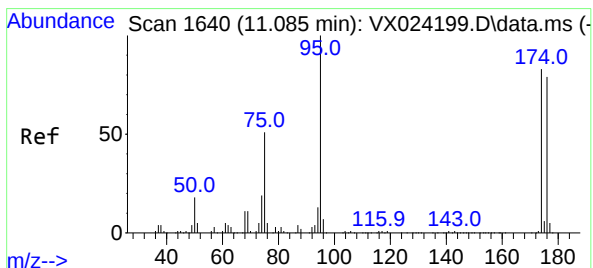
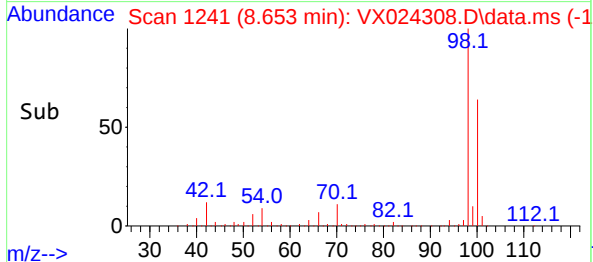
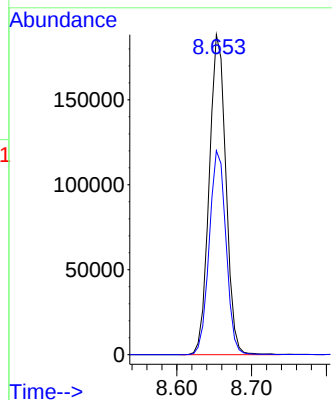
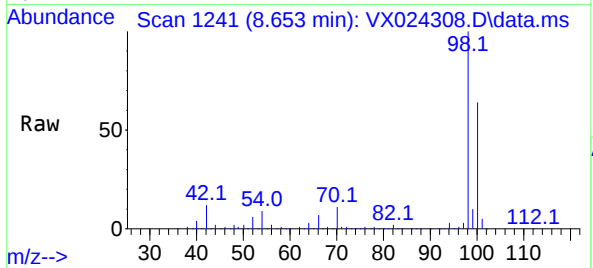




#50
Toluene-d8
Concen: 55.040 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

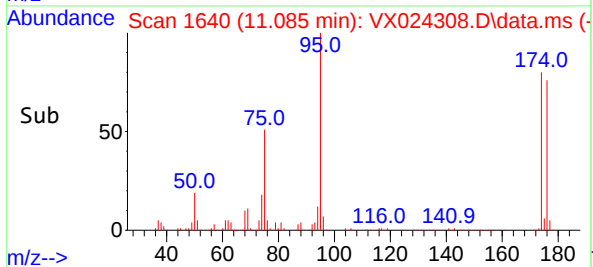
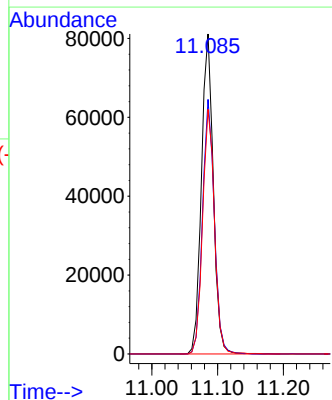
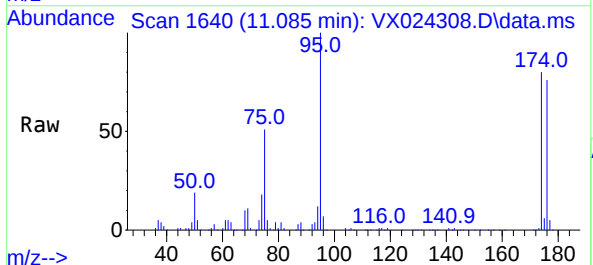
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

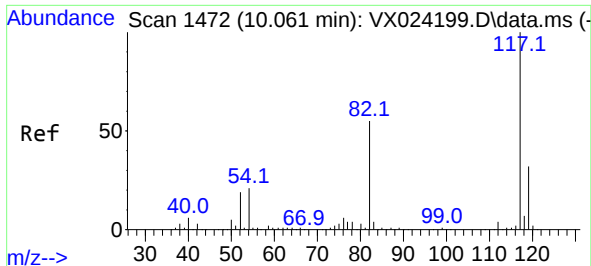
Tgt Ion: 98 Resp: 292008
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.229 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion: 95 Resp: 101641
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 76.7 0.0 155.8

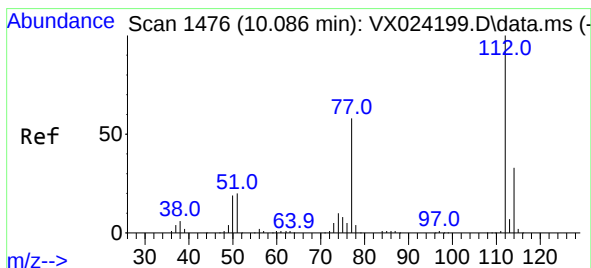
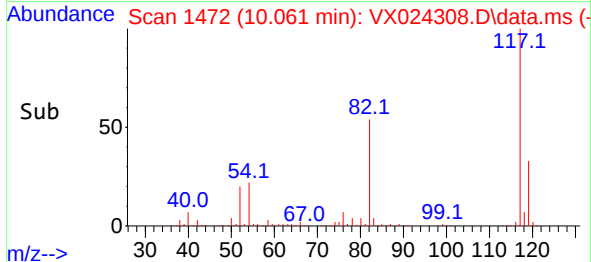
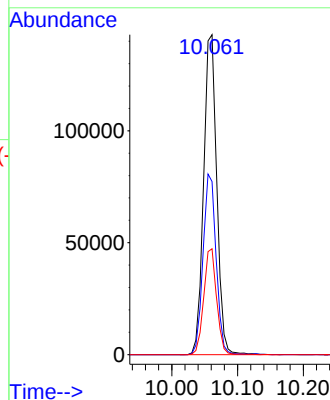
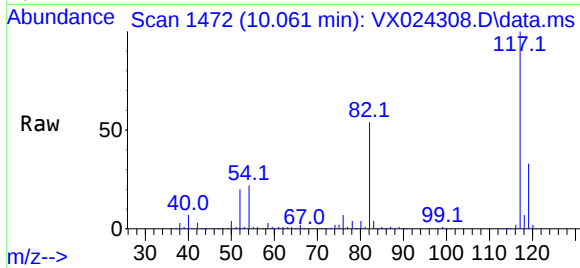




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

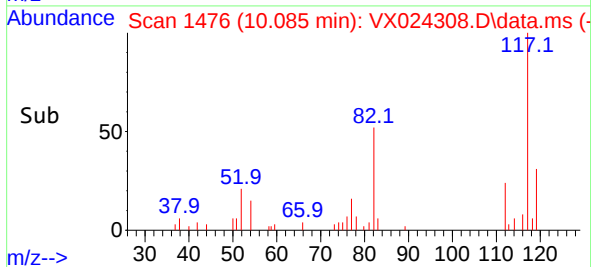
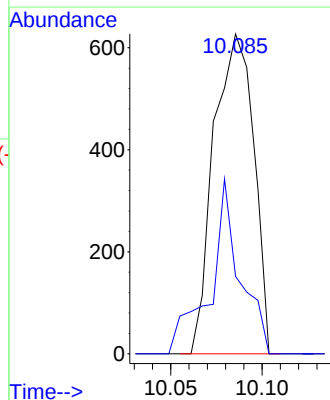
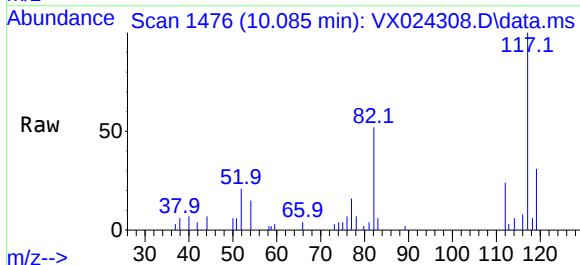
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

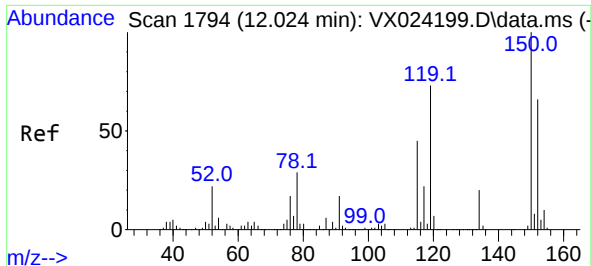
Tgt Ion:117 Resp: 198610
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 33.1 26.6 39.8



#65
Chlorobenzene
Concen: 0.233 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion:112 Resp: 952
Ion Ratio Lower Upper
112 100
114 24.2 25.8 38.6#

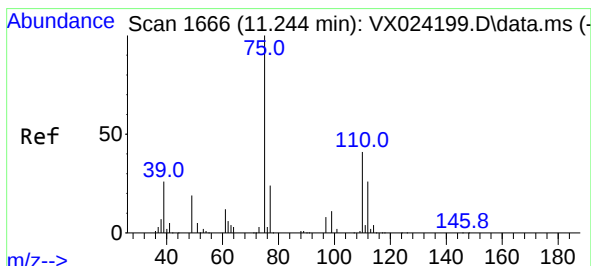
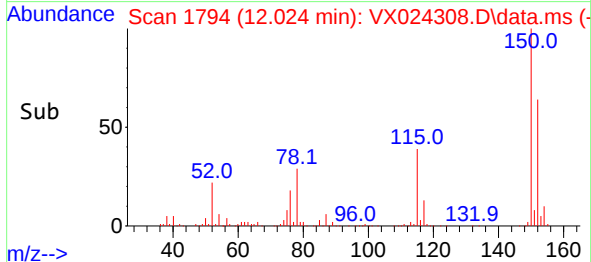
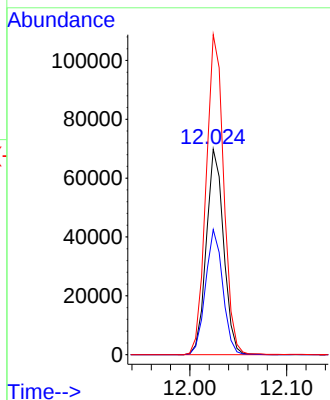
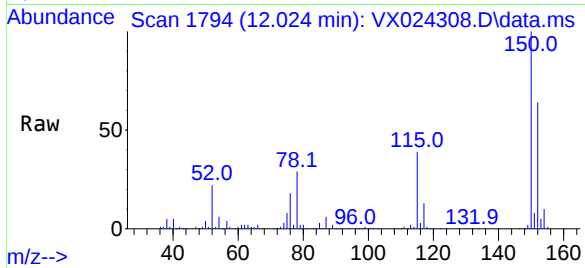




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

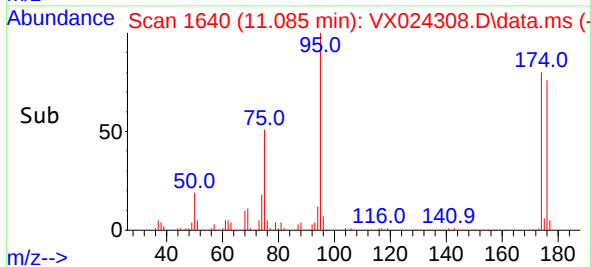
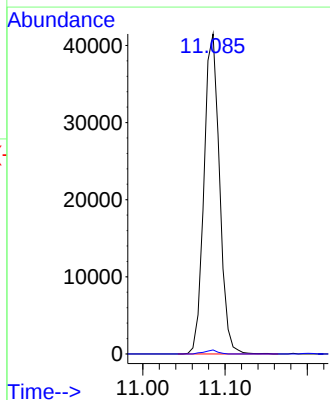
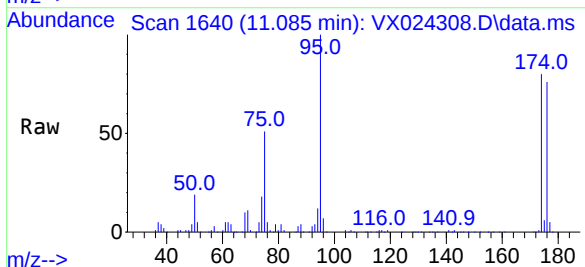
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

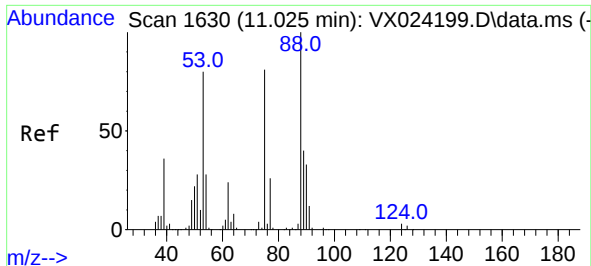
Tgt Ion:152 Resp: 86809
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.269 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

Tgt Ion: 75 Resp: 54431
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

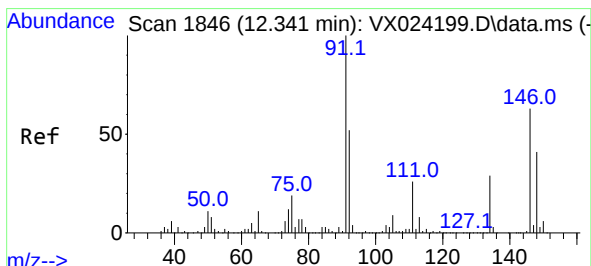
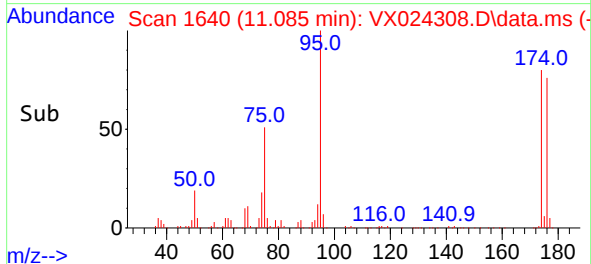
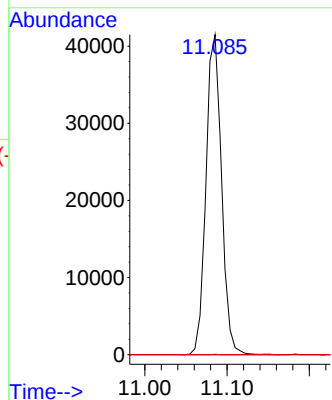
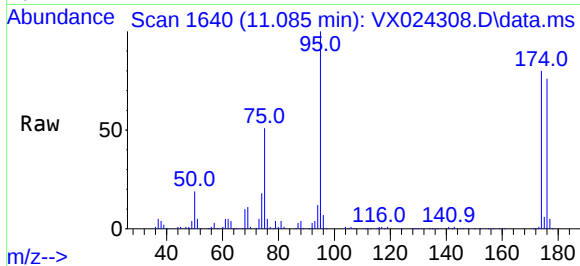




#81
trans-1,4-Dichloro-2-butene
Concen: 80.198 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

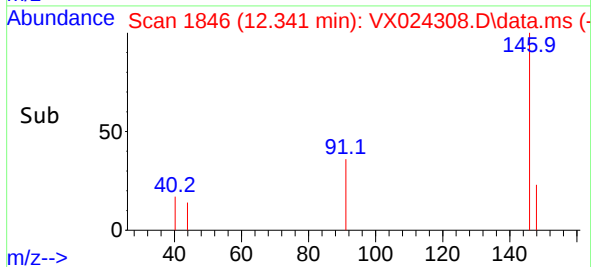
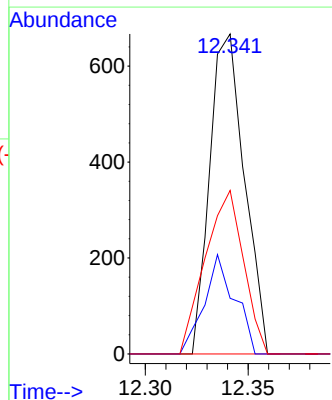
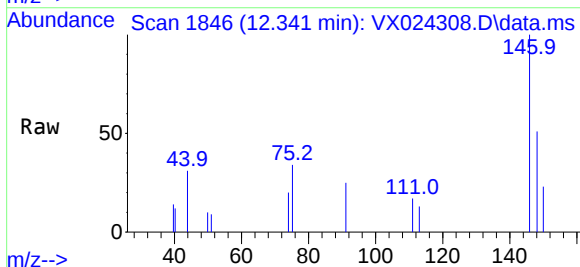
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

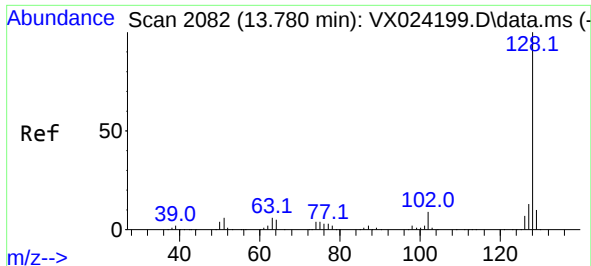
Tgt Ion: 75 Resp: 54431
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#91
1,2-Dichlorobenzene
Concen: 0.274 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

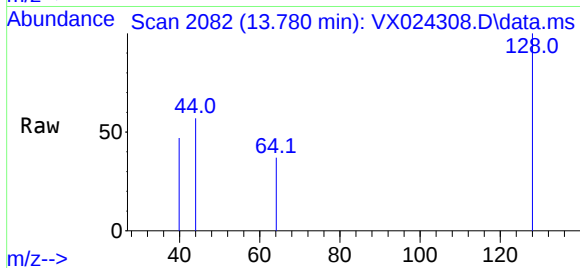
Tgt Ion:146 Resp: 782
Ion Ratio Lower Upper
146 100
111 27.2 20.8 62.2
148 56.4 31.9 95.5





#95
Naphthalene
Concen: 1.327 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024308.D
Acq: 17 Sep 2021 14:47

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



Tgt Ion:128 Resp: 252
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

