

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024204.D
 Acq On : 14 Sep 2021 13:38
 Operator : JC/MD
 Sample : VX0914WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBL01

Quant Time: Sep 15 01:55:30 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	142149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101245	49.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.391	113	79427	49.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	8.653	98	290015	49.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.085	95	100214	43.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.540%

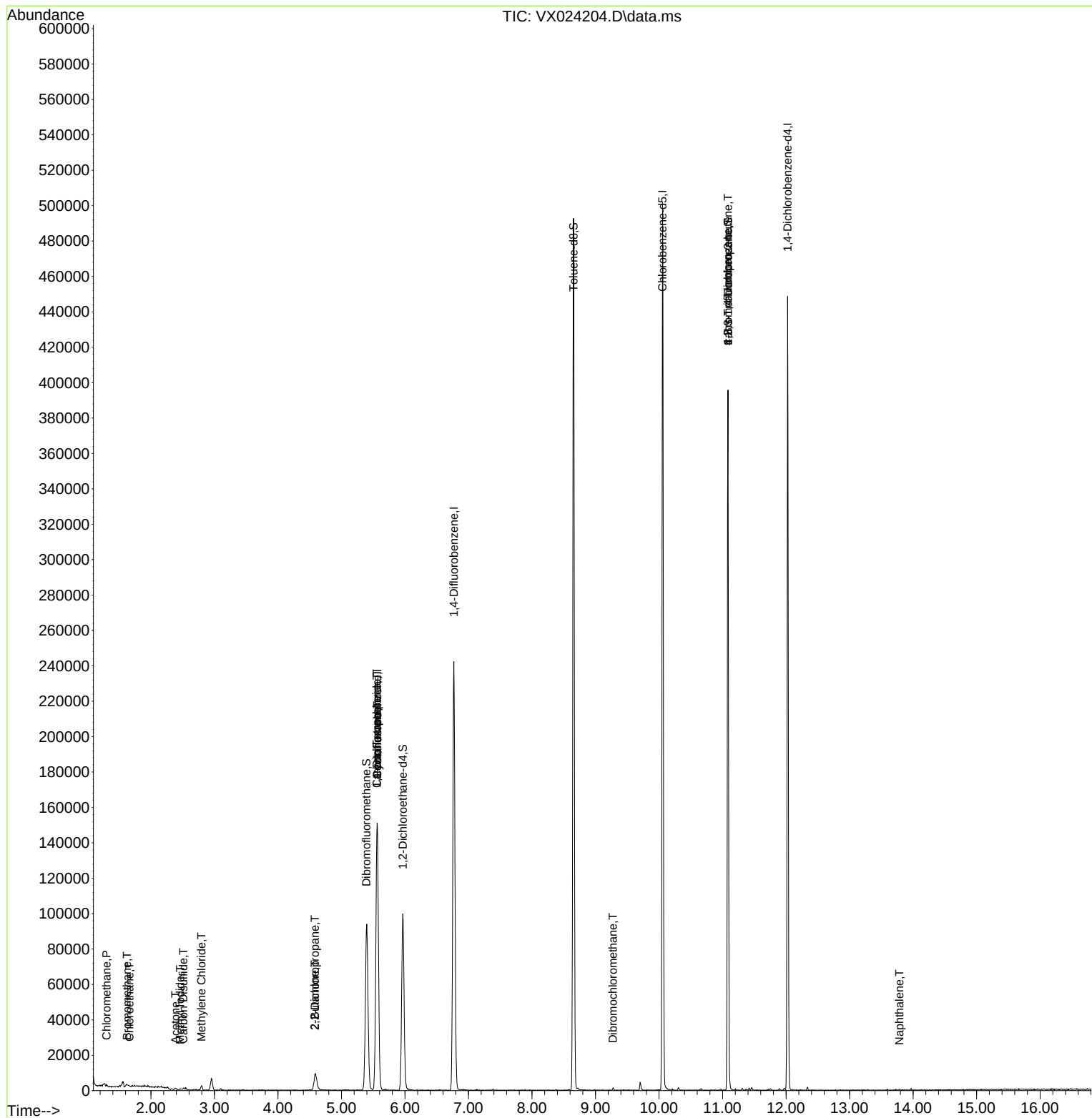
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	314	0.220	ug/l #	87
5) Bromomethane	1.624	94	1015	1.201	ug/l #	74
6) Chloroethane	1.660	64	129	2.109	ug/l #	43
10) Methyl Iodide	2.459	142	976	0.504	ug/l #	91
11) Tert butyl alcohol	2.953	59	3938	Below Cal	#	77
16) Acetone	2.386	43	1110	1.284	ug/l #	86
17) Carbon Disulfide	2.508	76	1475	0.449	ug/l #	75
20) Methylene Chloride	2.794	84	983	0.592	ug/l #	88
25) 2-Butanone	4.580	43	851	0.668	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	777	0.323	ug/l #	52
31) Cyclohexane	5.562	56	3453	1.456	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	11450	5.171	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15046	6.038	ug/l #	16
60) Dibromochloromethane	9.275	129	170	1.808	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54319	26.634	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54319	78.332	ug/l #	12
95) Naphthalene	13.786	128	486	1.362	ug/l #	69

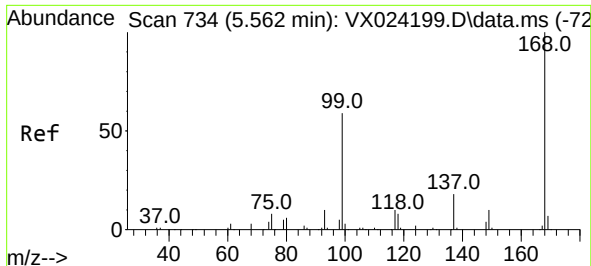
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
Data File : VX024204.D
Acq On : 14 Sep 2021 13:38
Operator : JC/MD
Sample : VX0914WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

Quant Time: Sep 15 01:55:30 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

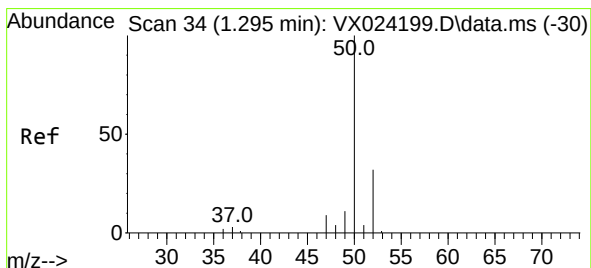
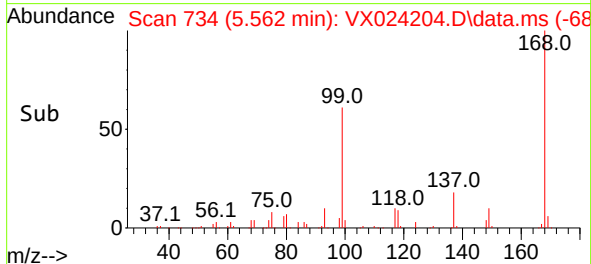
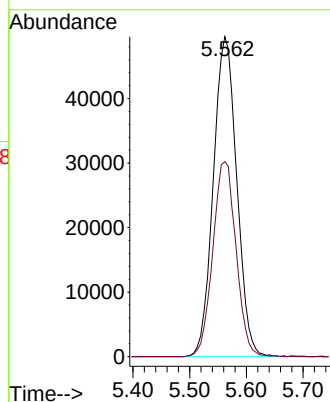
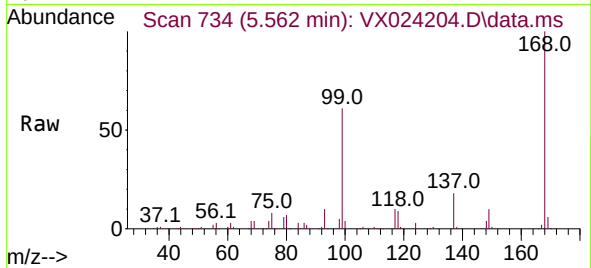




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

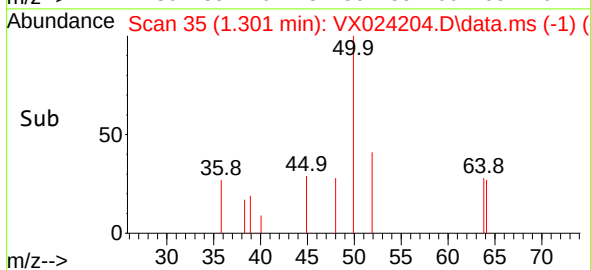
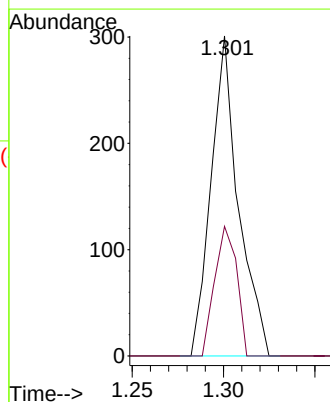
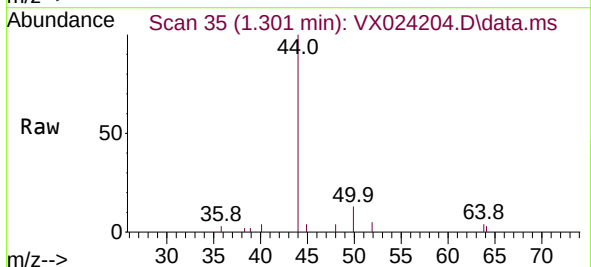
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

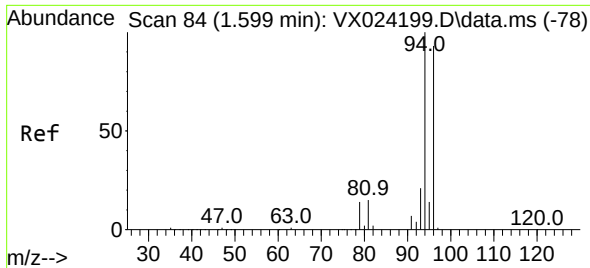
Tgt Ion:168 Resp: 142149
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Tgt Ion: 50 Resp: 314
Ion Ratio Lower Upper
50 100
52 40.5 26.4 39.6#

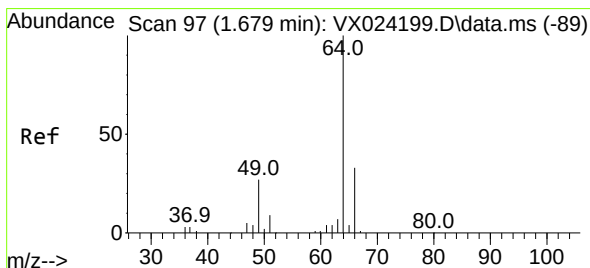
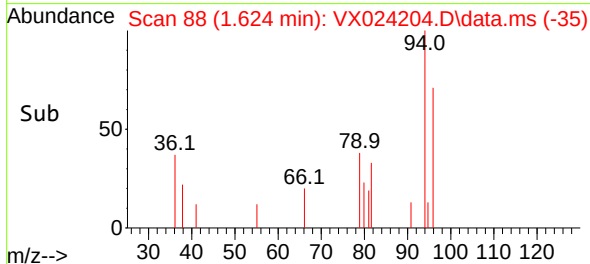
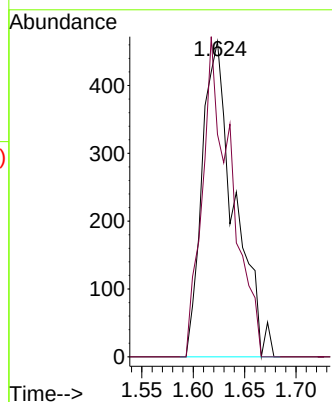
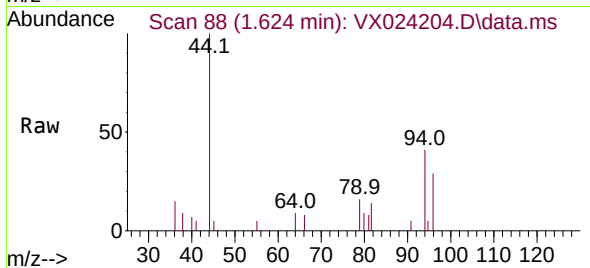




#5
Bromomethane
Concen: 1.201 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

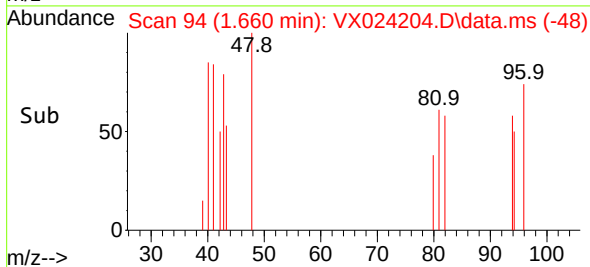
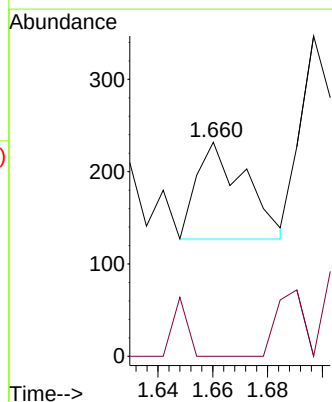
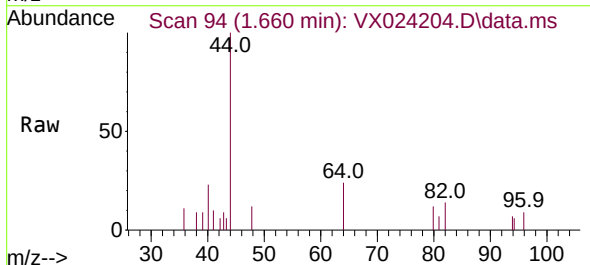
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

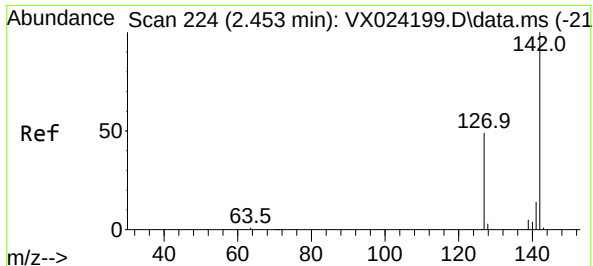
Tgt Ion: 94 Resp: 1015
Ion Ratio Lower Upper
94 100
96 70.5 76.4 114.6#



#6
Chloroethane
Concen: 2.109 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

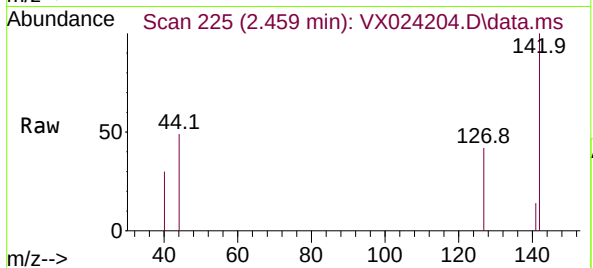
Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



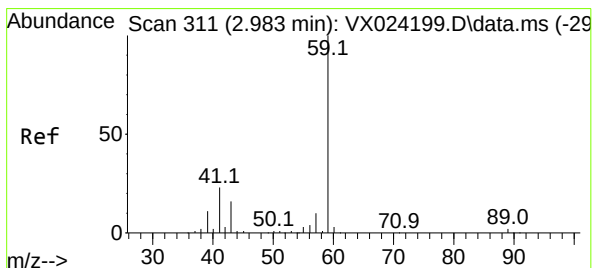
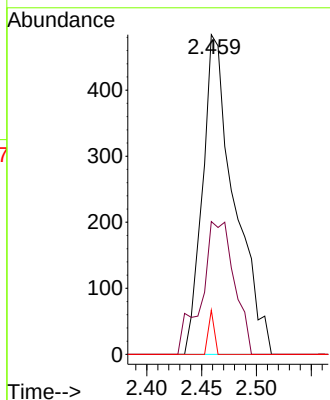
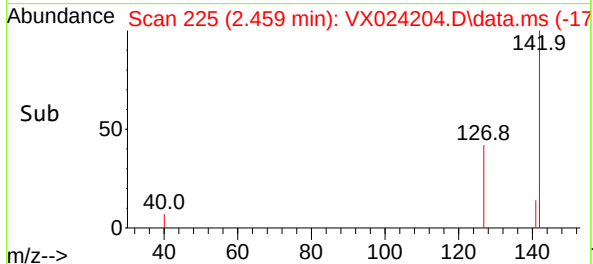


#10
Methyl Iodide
Concen: 0.504 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

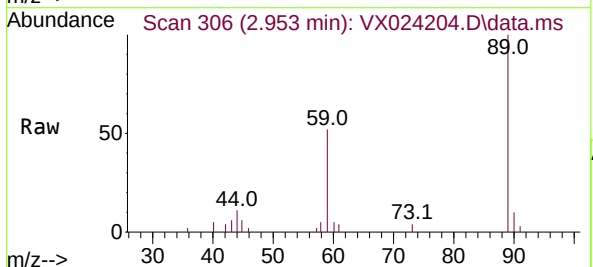
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01



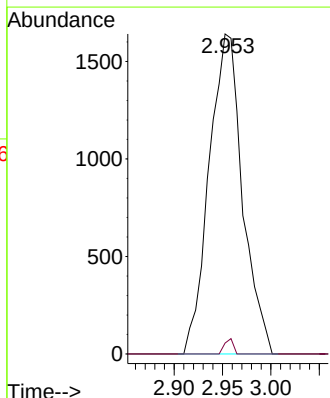
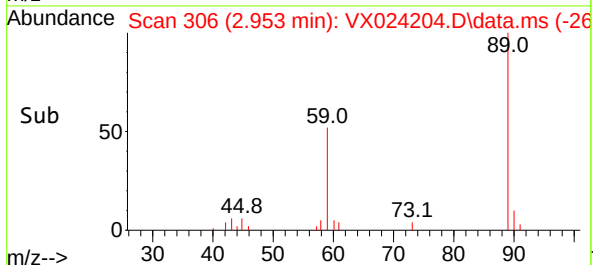
Tgt Ion:142 Resp: 976
Ion Ratio Lower Upper
142 100
127 42.7 33.3 49.9
141 2.6 11.4 17.0#

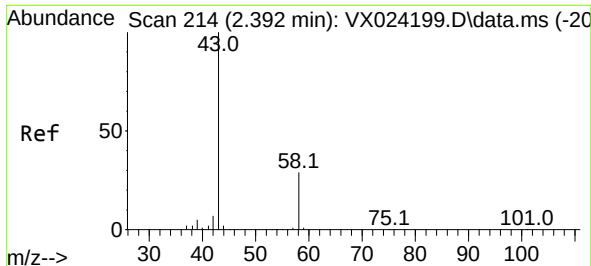


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38



Tgt Ion: 59 Resp: 3938
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#

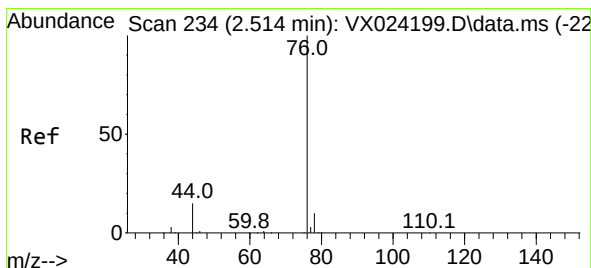
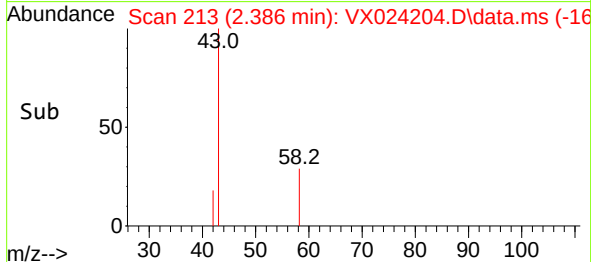
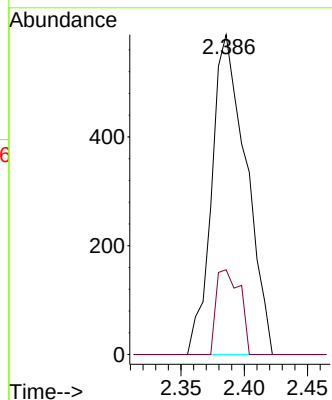
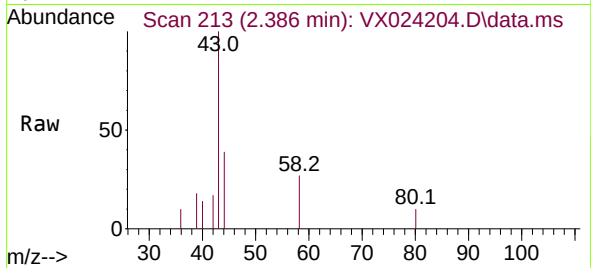




#16
Acetone
Concen: 1.284 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

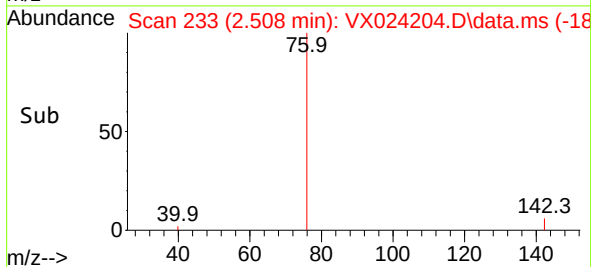
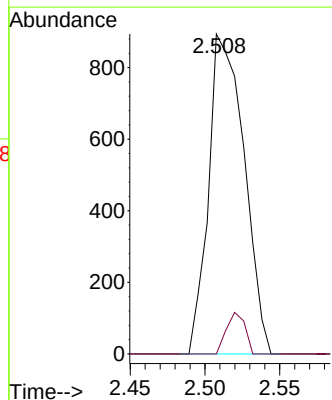
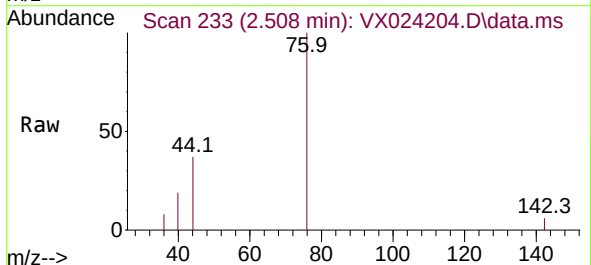
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

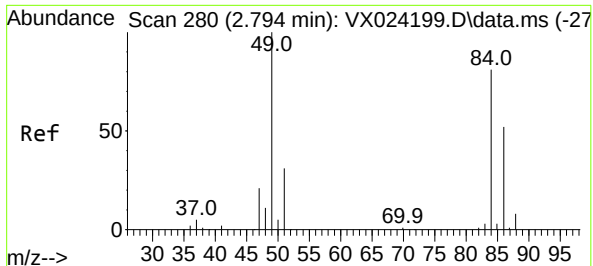
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.449 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Tgt Ion: 76 Resp: 1475
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.592 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024204.D

Acq: 14 Sep 2021 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBL01

Tgt Ion: 84 Resp: 983

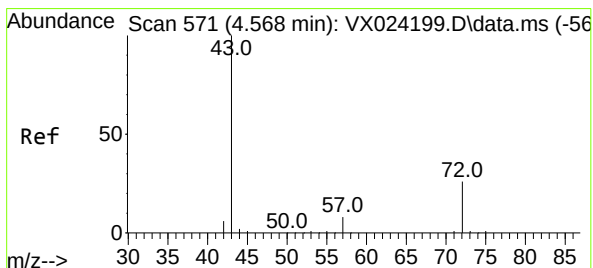
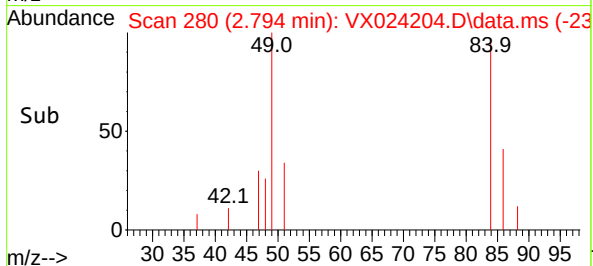
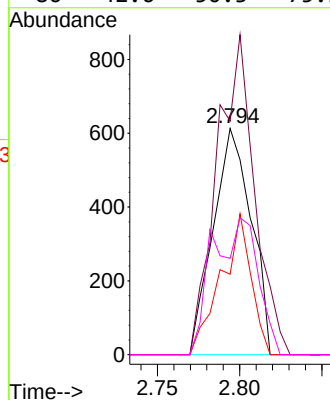
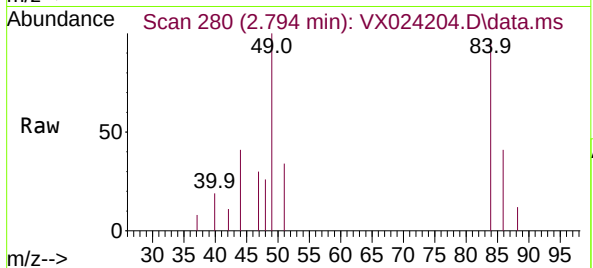
Ion Ratio Lower Upper

84 100

49 103.3 88.6 132.8

51 35.6 27.0 40.6

86 42.6 50.3 75.5#



#25

2-Butanone

Concen: 0.668 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024204.D

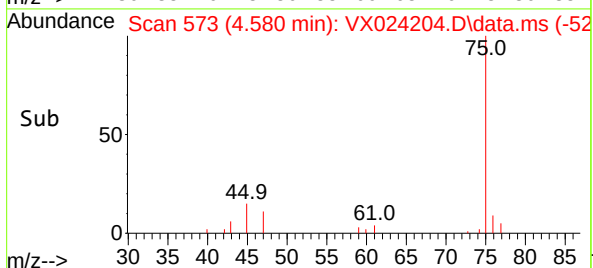
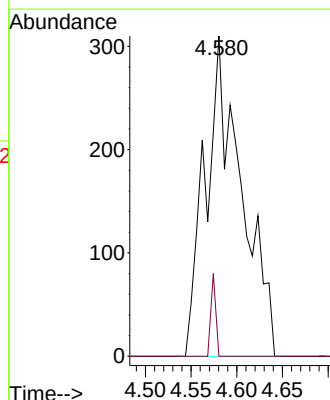
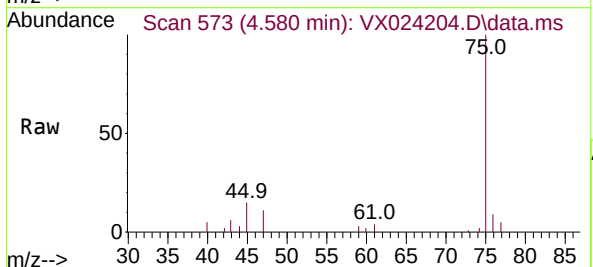
Acq: 14 Sep 2021 13:38

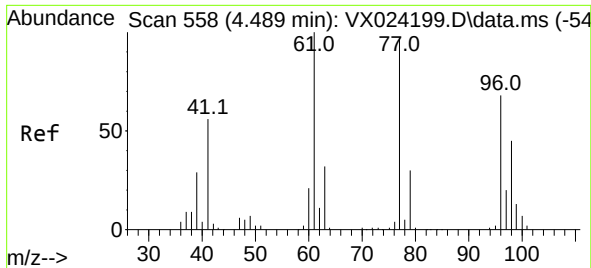
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

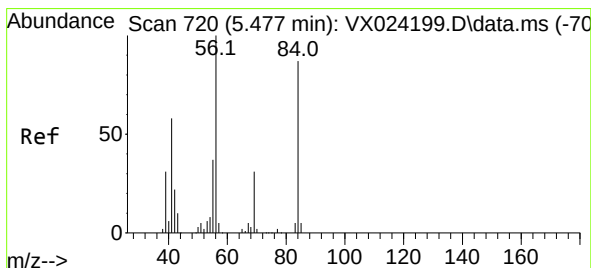
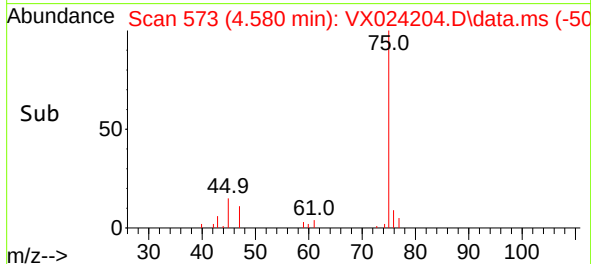
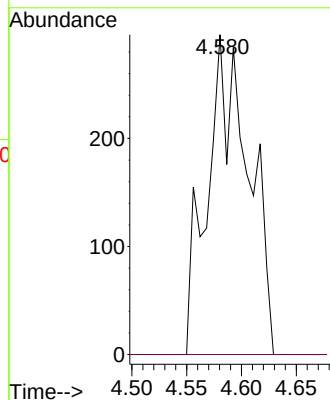
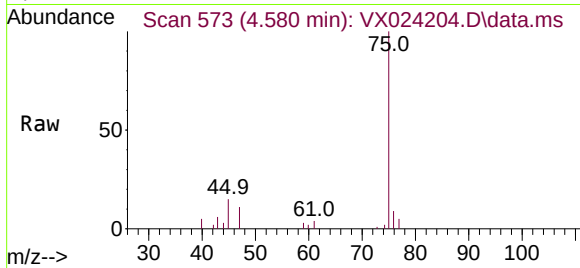




#26
2,2-Dichloropropane
Concen: 0.323 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.091 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

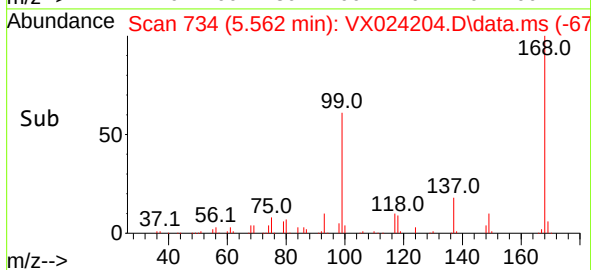
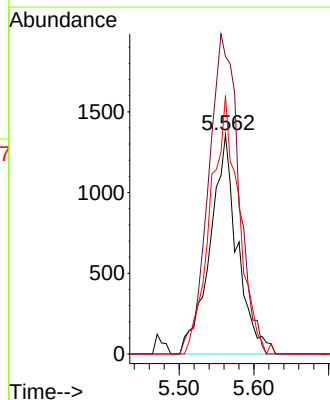
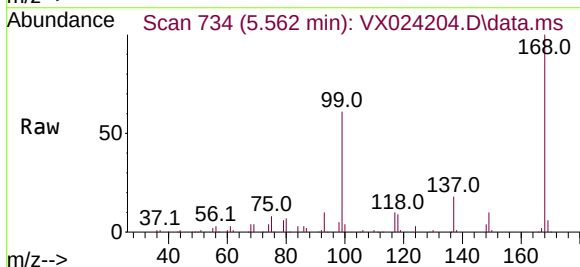
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

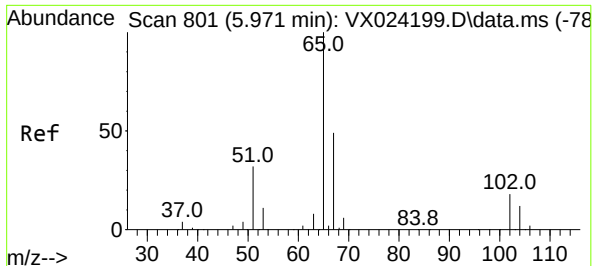
Tgt Ion: 77 Resp: 777
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.456 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Tgt Ion: 56 Resp: 3453
Ion Ratio Lower Upper
56 100
69 135.5 25.3 37.9#
84 117.8 71.4 107.0#



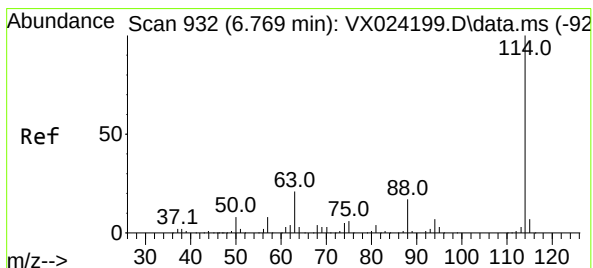
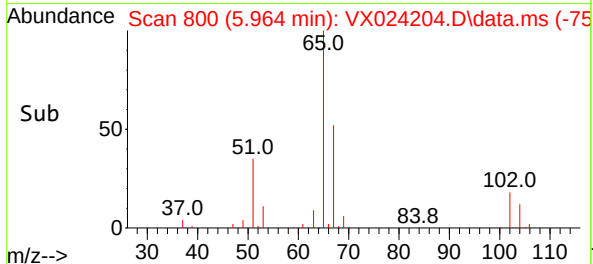
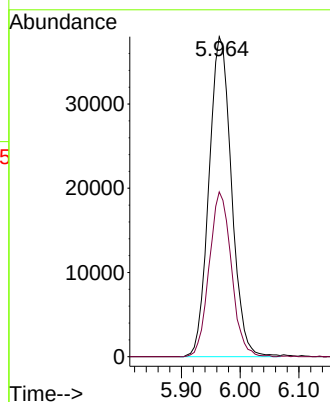
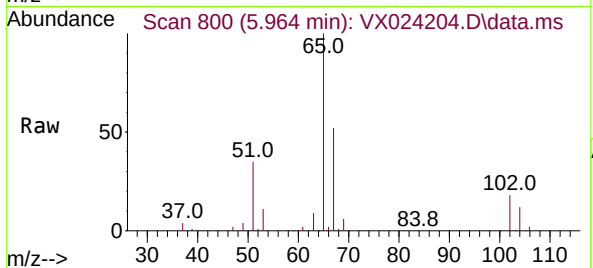


#33

1,2-Dichloroethane-d4
Concen: 49.948 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

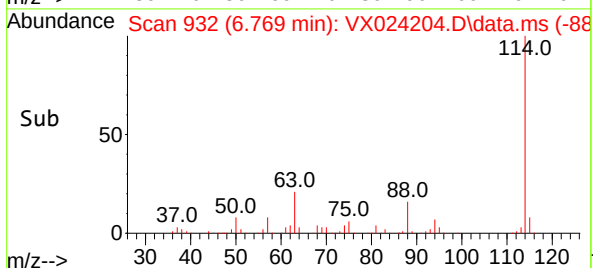
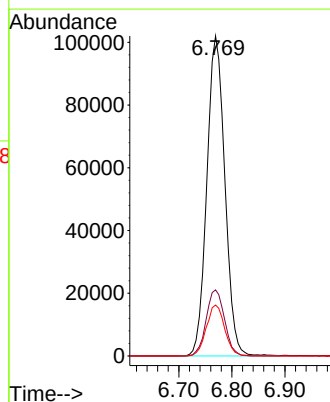
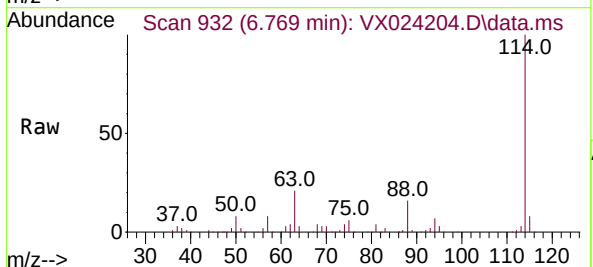
Tgt Ion: 65 Resp: 101245
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

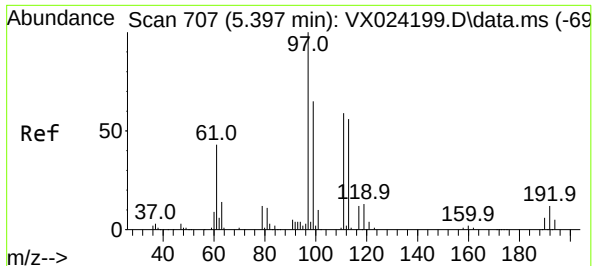


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Tgt Ion: 114 Resp: 240822
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.179 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024204.D

Acq: 14 Sep 2021 13:38

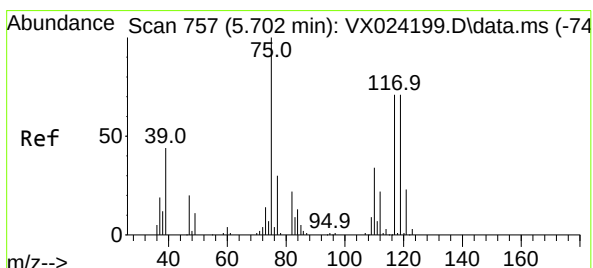
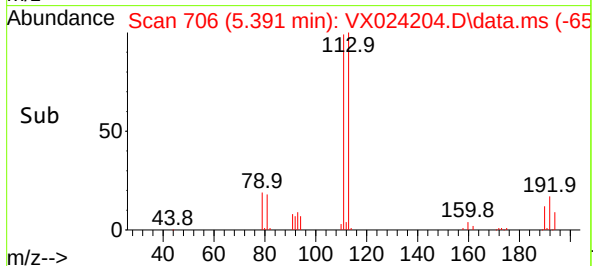
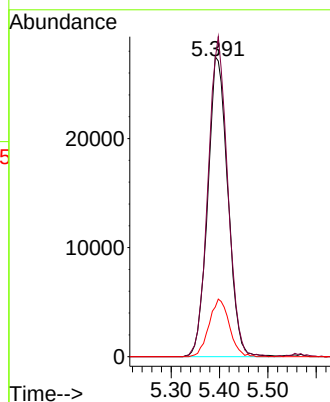
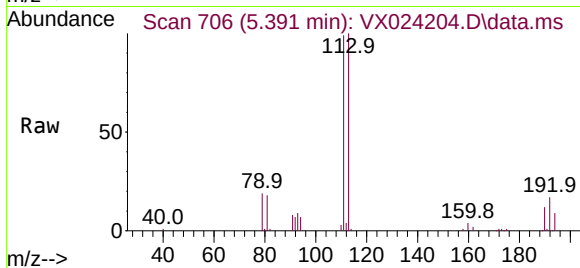
Tgt Ion:	113	Resp:	79427
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	19.4	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBL01



#36

1,1-Dichloropropene

Concen: 5.171 ug/l

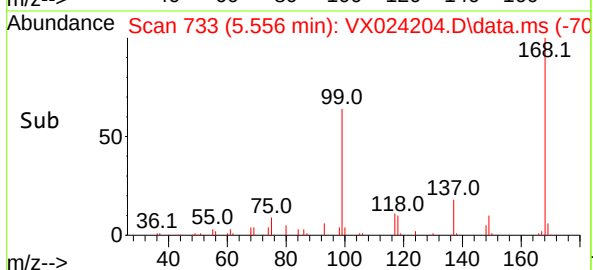
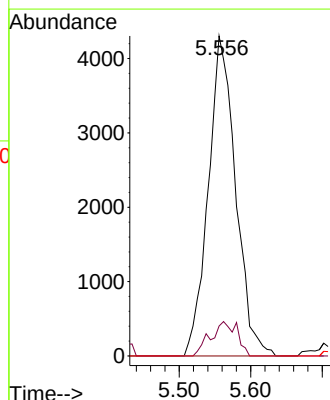
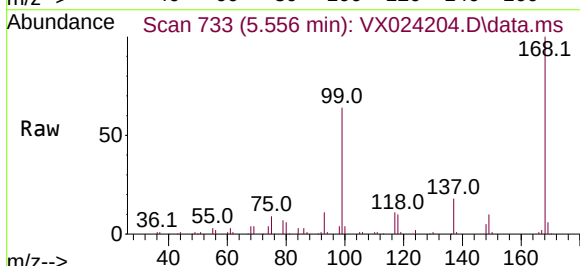
RT: 5.556 min Scan# 733

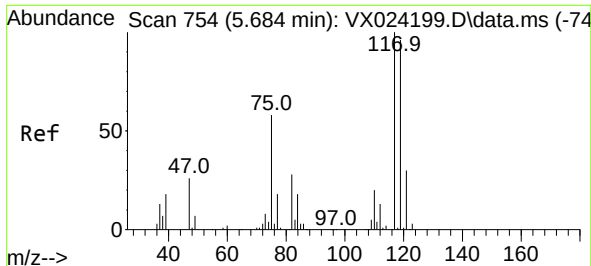
Delta R.T. -0.146 min

Lab File: VX024204.D

Acq: 14 Sep 2021 13:38

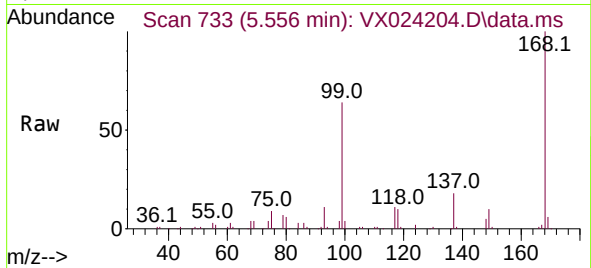
Tgt Ion:	75	Resp:	11450
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#



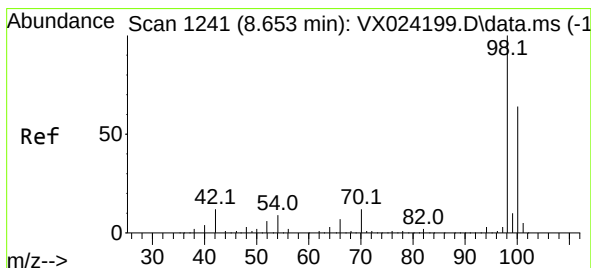
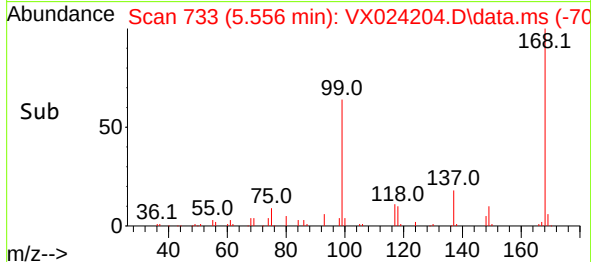
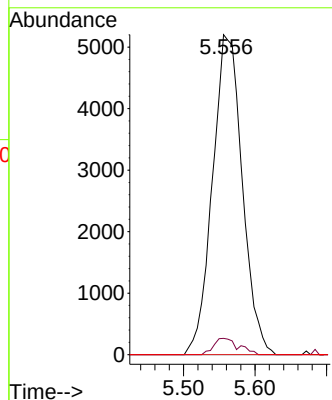


#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

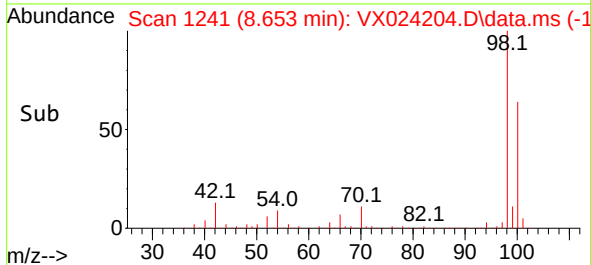
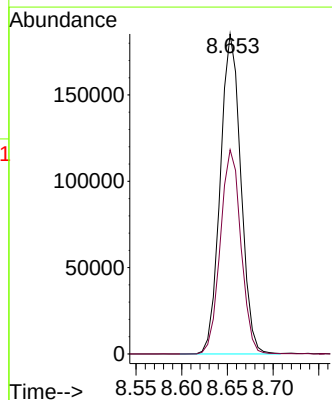
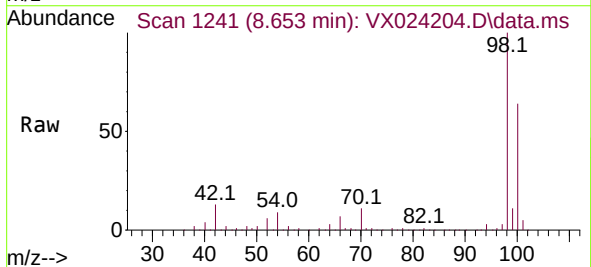


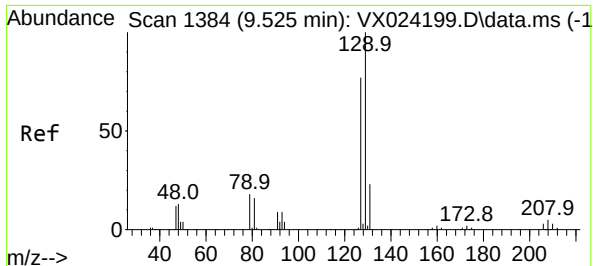
Tgt Ion:117 Resp: 15046
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.292 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Tgt Ion: 98 Resp: 290015
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#60

Dibromochloromethane

Concen: 1.808 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024204.D

Acq: 14 Sep 2021 13:38

Instrument :

MSVOA_X

ClientSampleId :

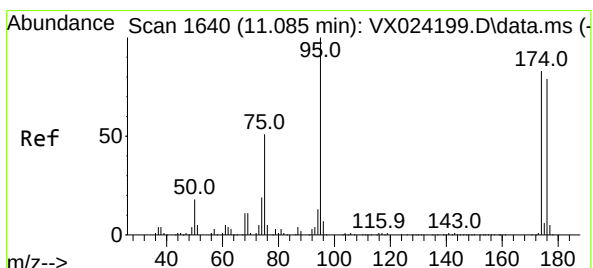
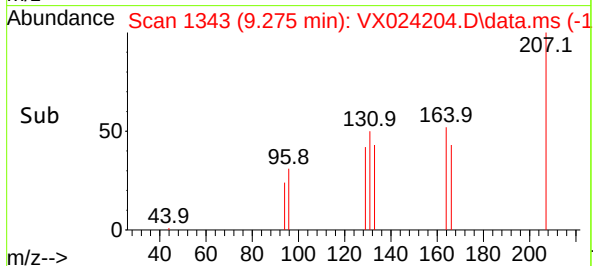
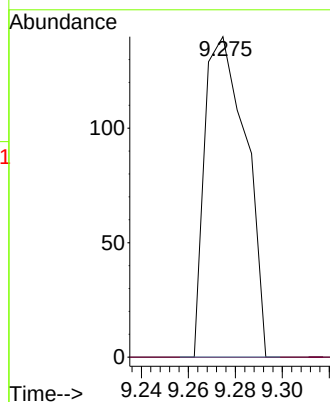
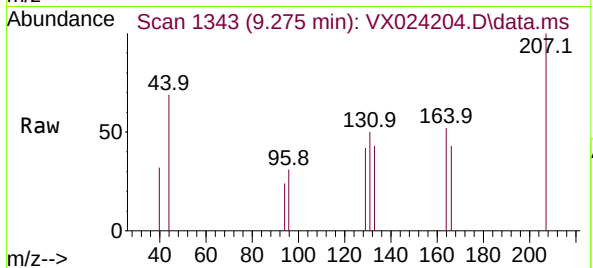
VX0914WBL01

Tgt Ion:129 Resp: 170

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 43.768 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024204.D

Acq: 14 Sep 2021 13:38

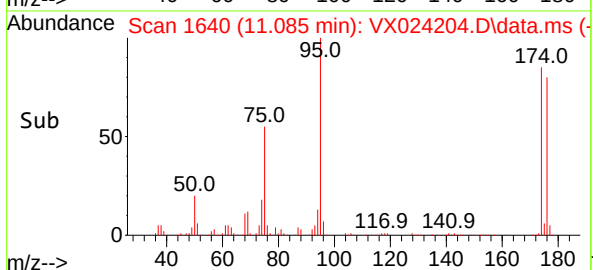
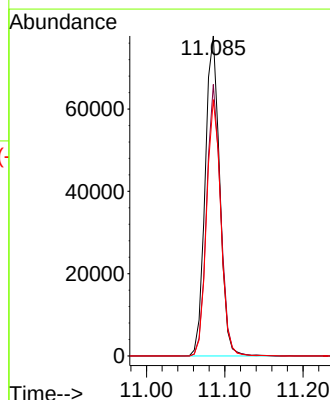
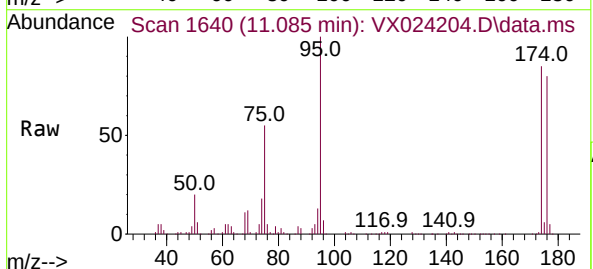
Tgt Ion: 95 Resp: 100214

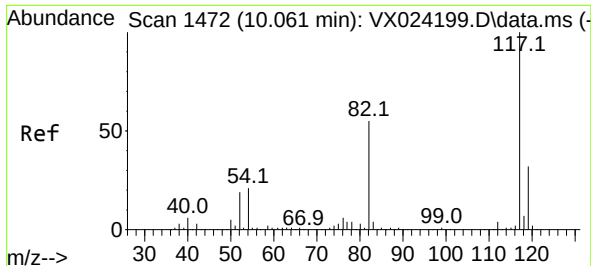
Ion Ratio Lower Upper

95 100

174 81.6 0.0 154.6

176 78.3 0.0 155.8

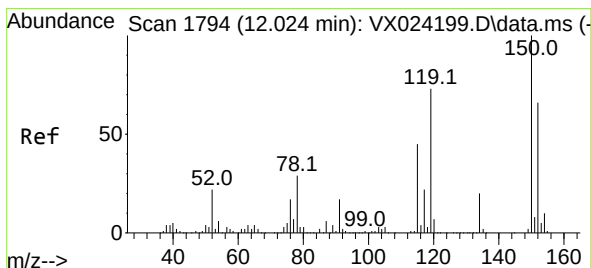
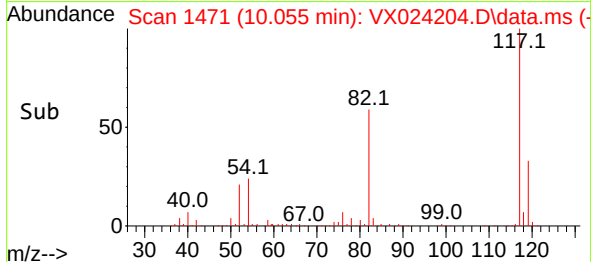
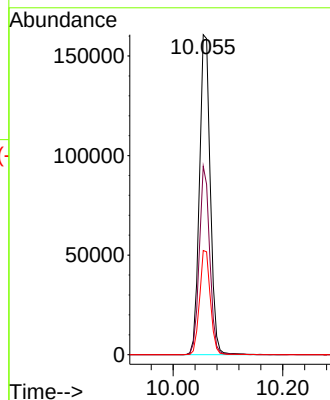
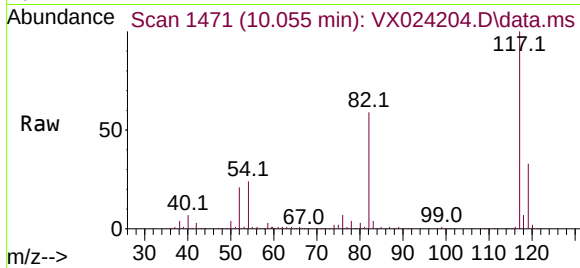




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

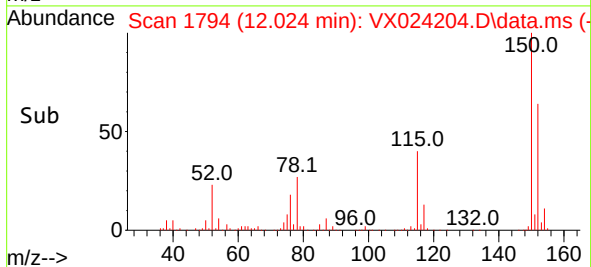
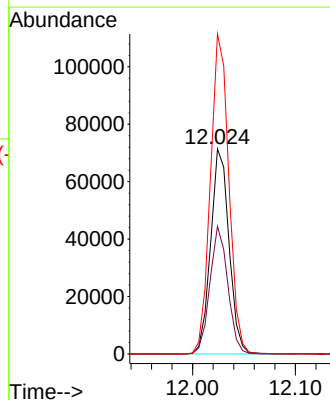
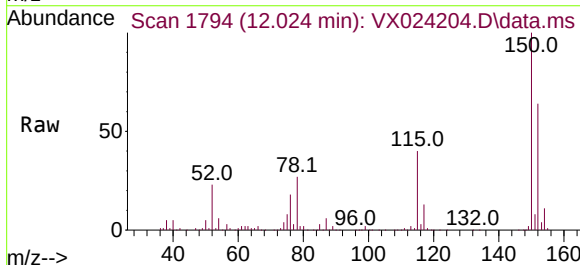
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

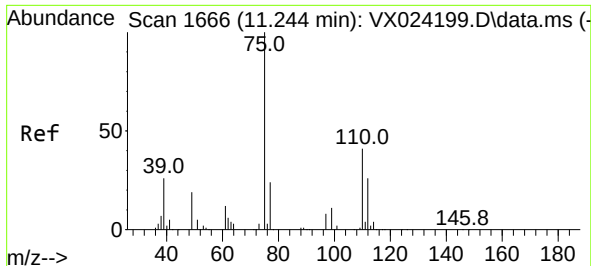
Tgt Ion:117 Resp: 221146
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Tgt Ion:152 Resp: 88694
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.2 0.0 349.0

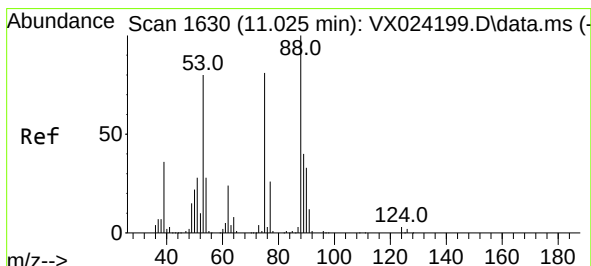
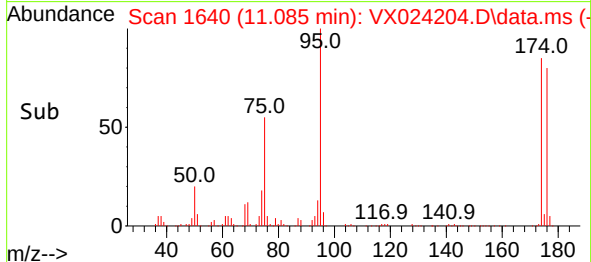
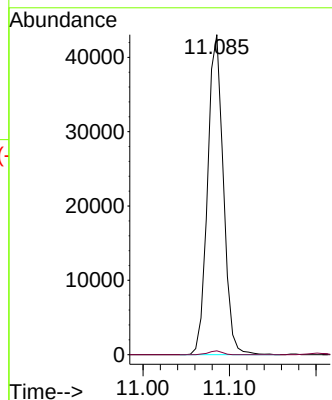
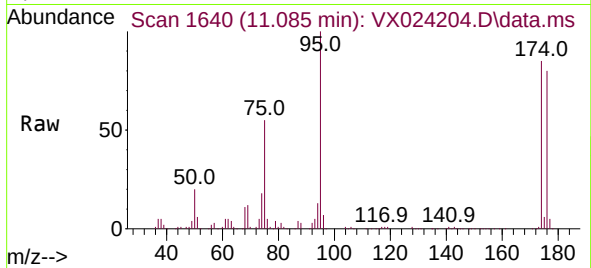




#76
1,2,3-Trichloropropane
Concen: 26.634 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

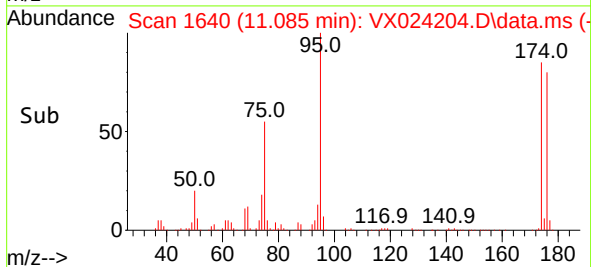
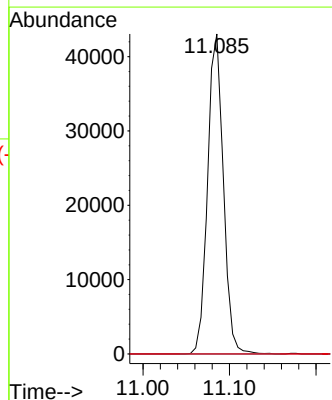
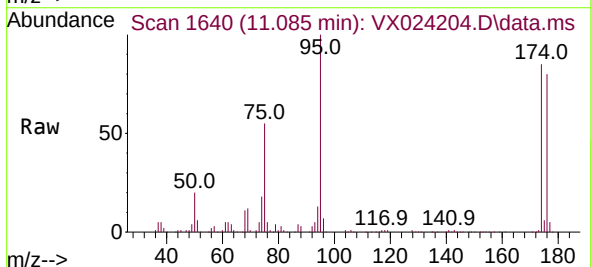
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01

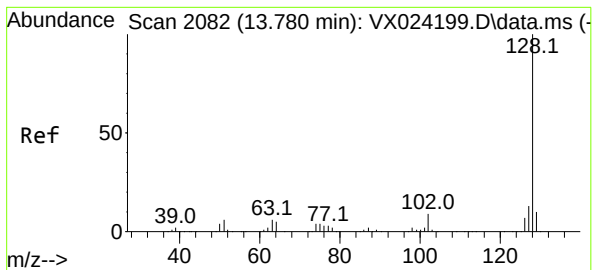
Tgt Ion: 75 Resp: 54319
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.332 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

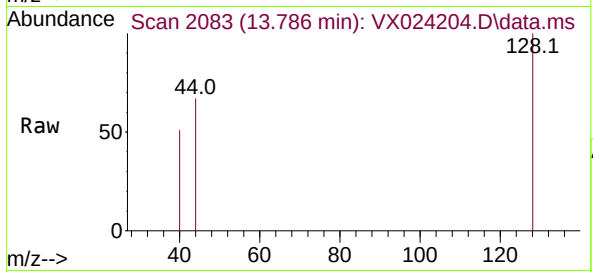
Tgt Ion: 75 Resp: 54319
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.362 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024204.D
Acq: 14 Sep 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL01



Tgt Ion:	128	Resp:	486
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

