

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024326.D
 Acq On : 17 Sep 2021 23:01
 Operator : JC/MD
 Sample : VX0917WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBL02

Quant Time: Sep 20 02:28:58 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	142501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110777	54.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.040%	
35) Dibromofluoromethane	5.397	113	82999	51.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%	
50) Toluene-d8	8.653	98	283747	48.248	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	11.085	95	109667	47.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.840%	

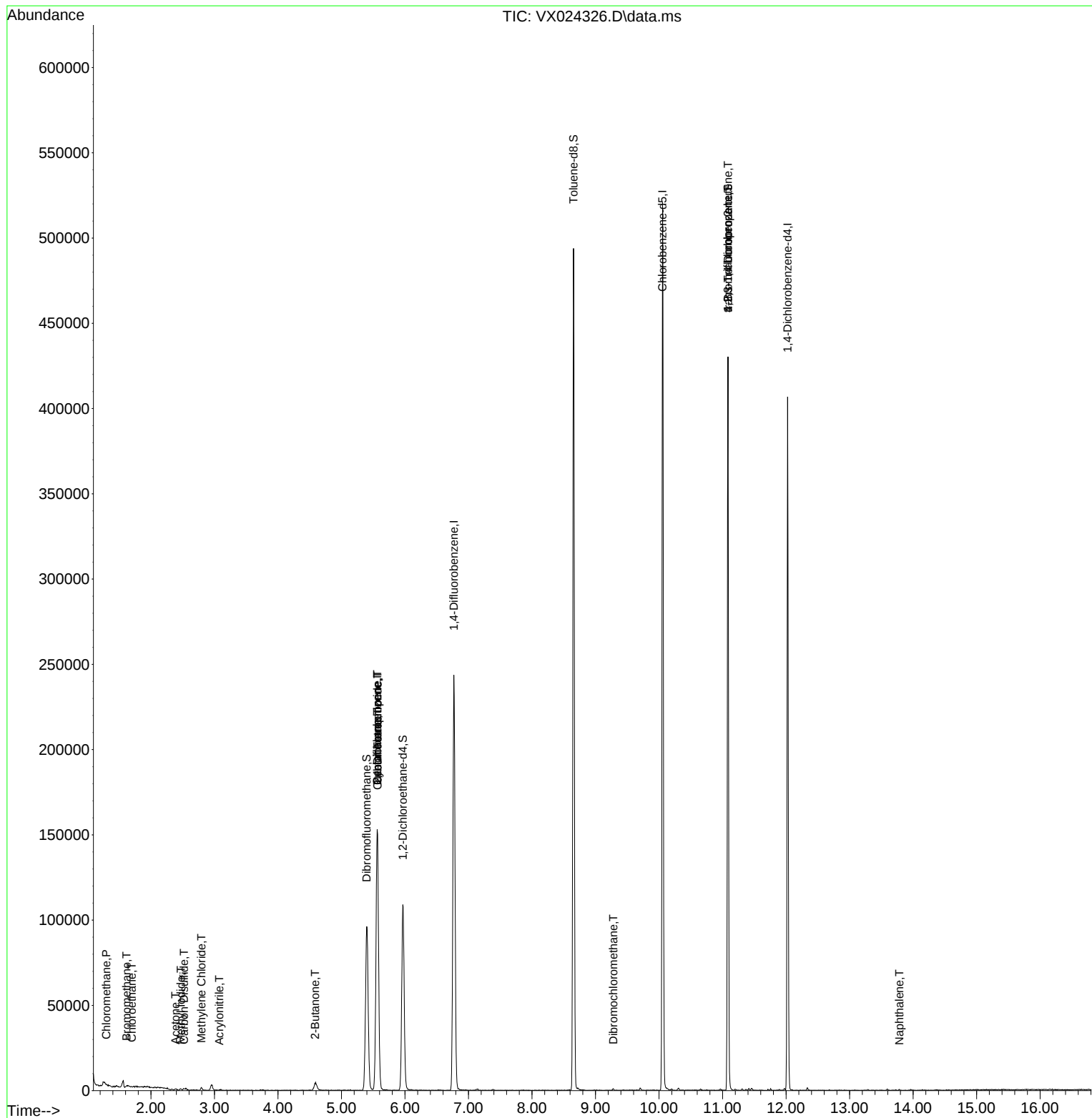
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	337	0.236	ug/l #	42
5) Bromomethane	1.617	94	752	0.887	ug/l	91
6) Chloroethane	1.697	64	110	2.094	ug/l #	43
10) Methyl Iodide	2.471	142	1120	0.577	ug/l #	90
11) Tert butyl alcohol	2.965	59	2159	Below Cal	#	73
15) Acrylonitrile	3.075	53	173	0.208	ug/l #	36
16) Acetone	2.386	43	881	1.017	ug/l #	84
17) Carbon Disulfide	2.520	76	1073	0.326	ug/l #	75
20) Methylene Chloride	2.794	84	651	0.391	ug/l	89
25) 2-Butanone	4.586	43	453	0.355	ug/l #	45
31) Cyclohexane	5.562	56	3010	1.266	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	11544	5.216	ug/l #	48
38) Carbon Tetrachloride	5.568	117	14883	5.975	ug/l #	16
60) Dibromochloromethane	9.281	129	170	1.808	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57271	31.211	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57271	91.791	ug/l #	12
95) Naphthalene	13.786	128	393	1.354	ug/l #	81

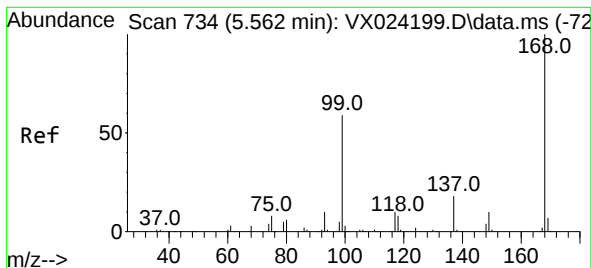
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 02:28:58 2021
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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: VX024326.D

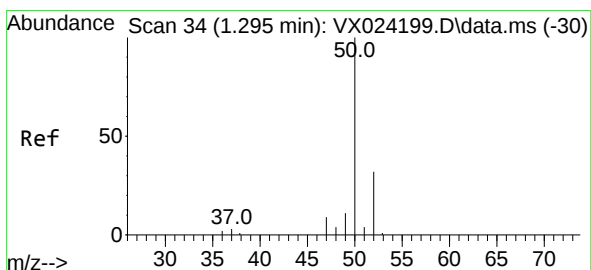
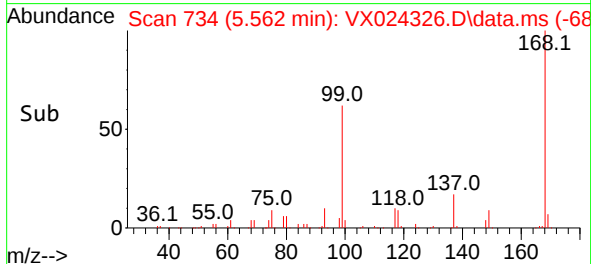
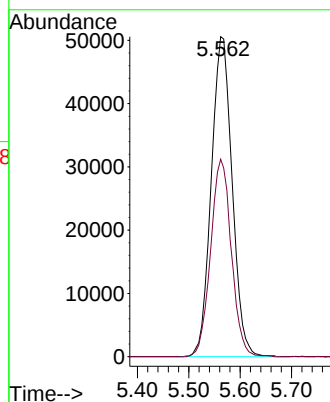
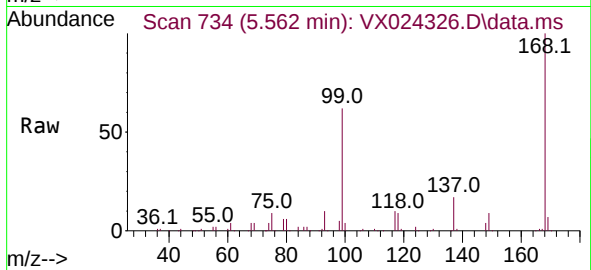
Acq: 17 Sep 2021 23:01

Tgt Ion:168 Resp: 142501

Ion Ratio Lower Upper

168 100

99 61.7 45.8 68.6



#3

Chloromethane

Concen: 0.236 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX024326.D

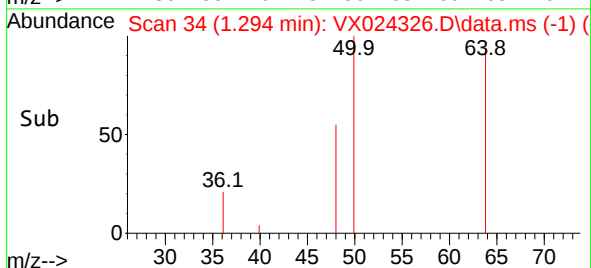
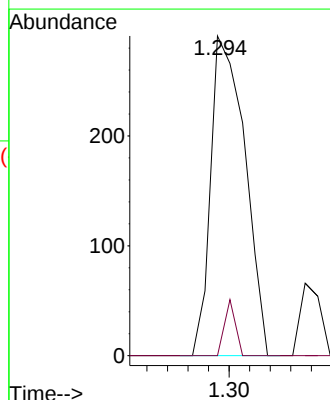
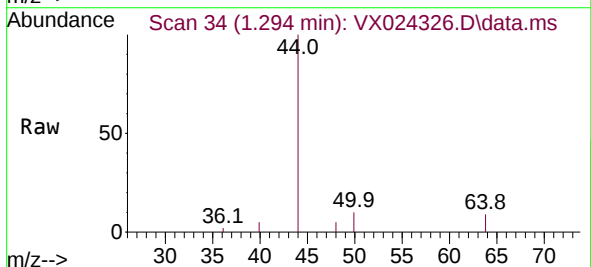
Acq: 17 Sep 2021 23:01

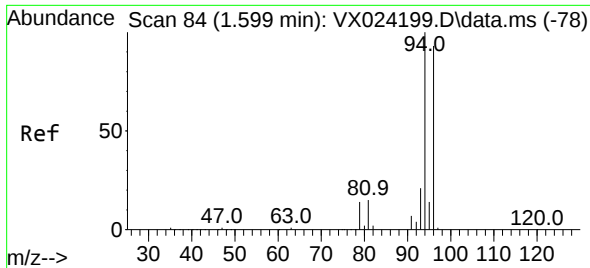
Tgt Ion: 50 Resp: 337

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#

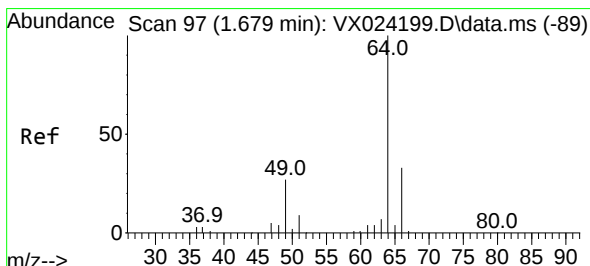
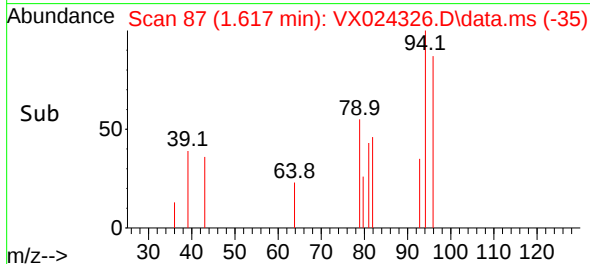
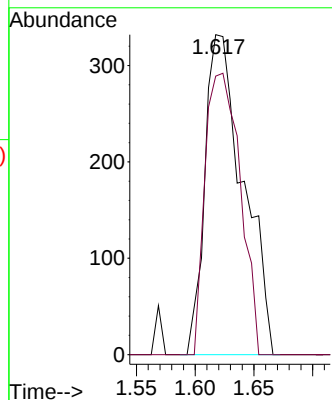
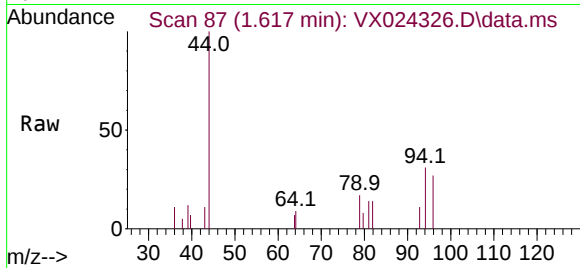




#5
Bromomethane
Concen: 0.887 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

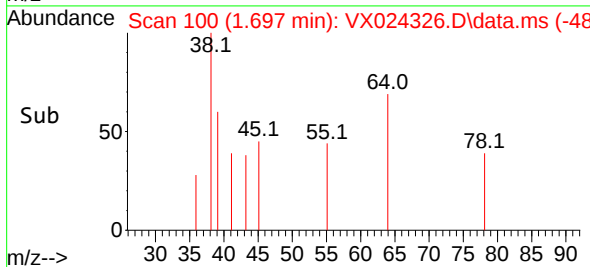
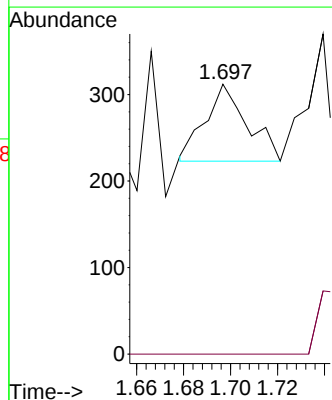
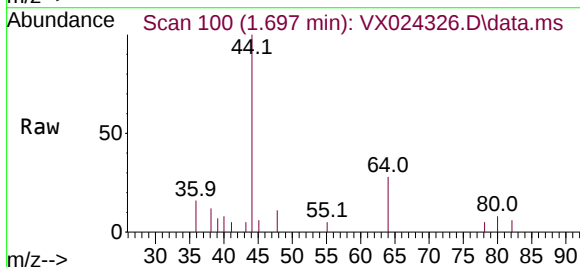
Instrument :
MSVOA_X
ClientSampled :
VX0917WBL02

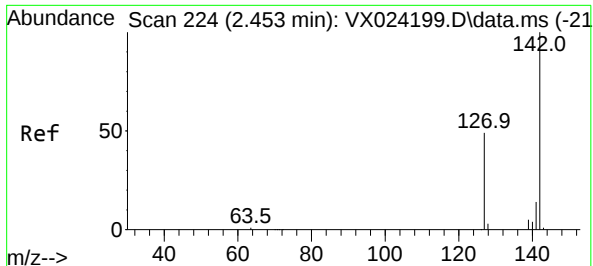
Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 87.0 76.4 114.6



#6
Chloroethane
Concen: 2.094 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

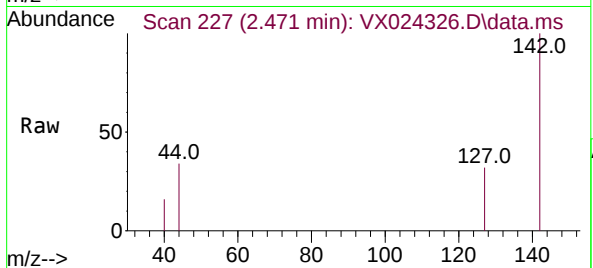
Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



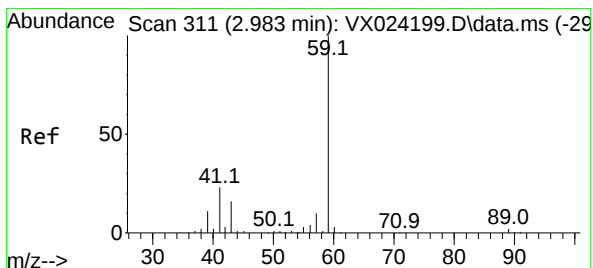
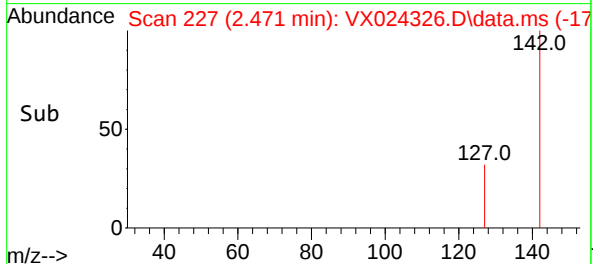
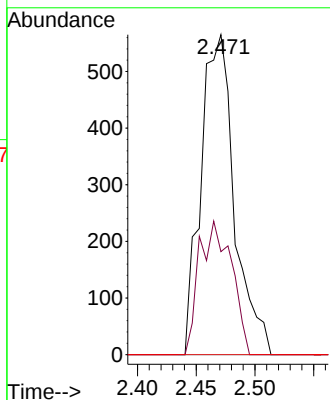


#10
Methyl Iodide
Concen: 0.577 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

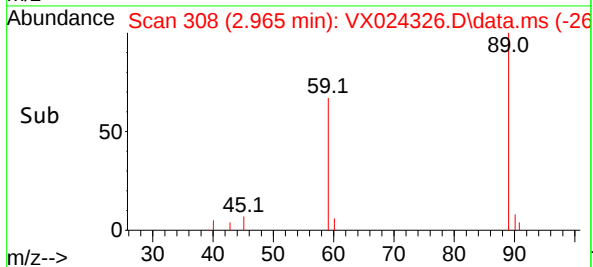
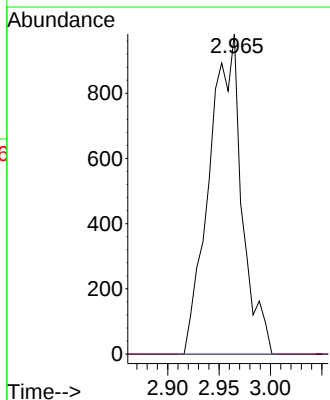
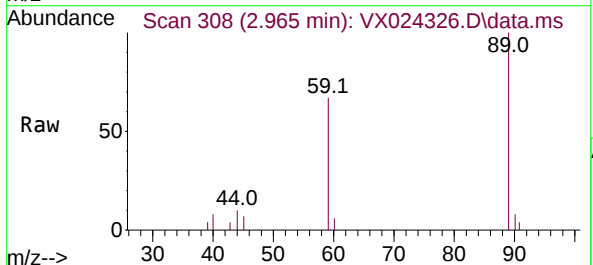


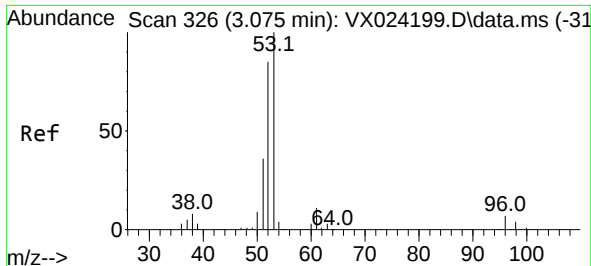
Tgt Ion:142 Resp: 1120
Ion Ratio Lower Upper
142 100
127 40.4 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 59 Resp: 2159
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

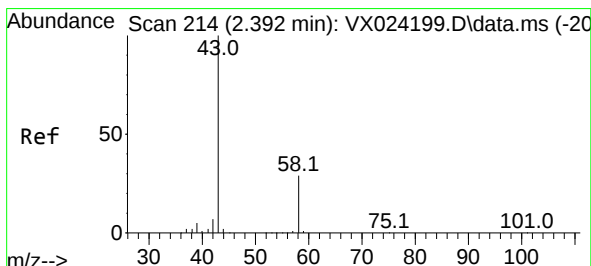
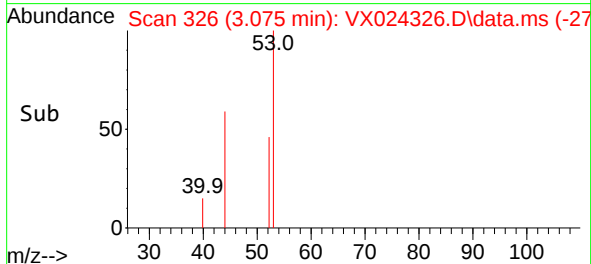
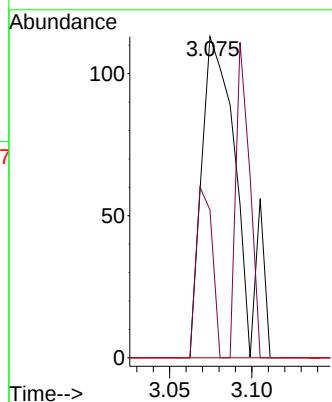
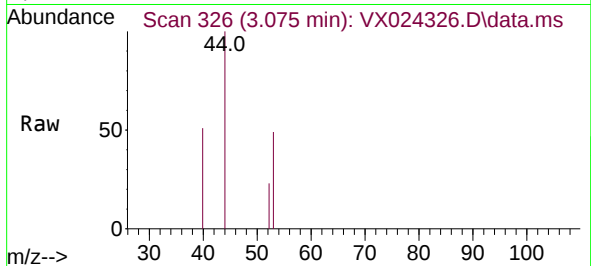




#15
Acrylonitrile
Concen: 0.208 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

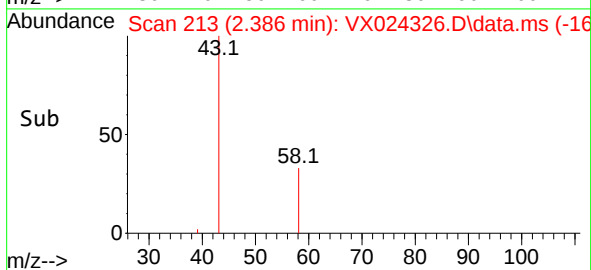
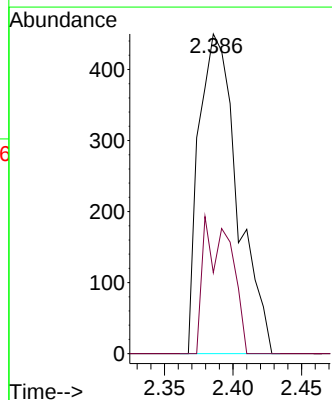
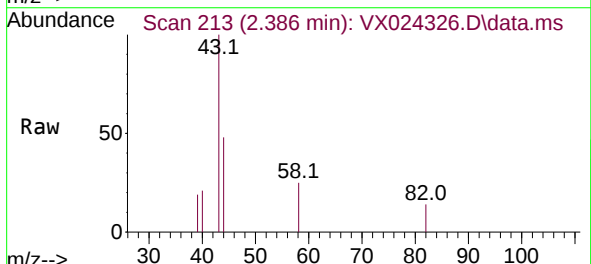
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

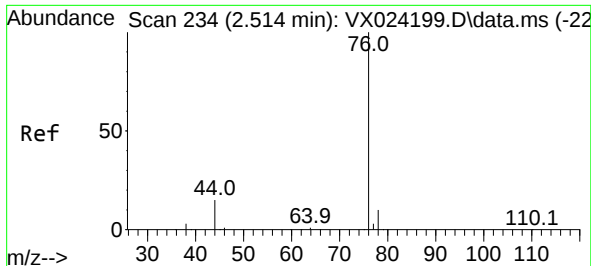
Tgt Ion: 53 Resp: 173
Ion Ratio Lower Upper
53 100
52 23.7 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.017 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#

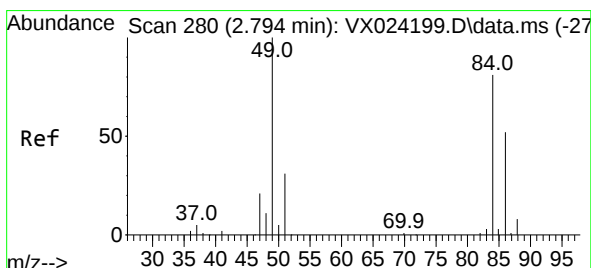
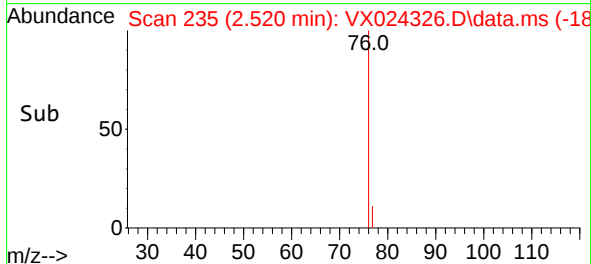
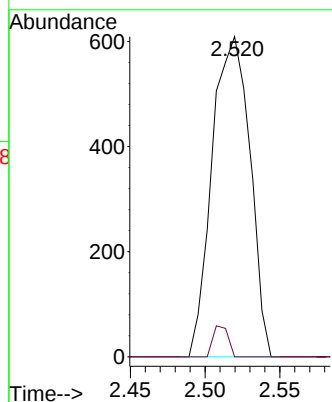
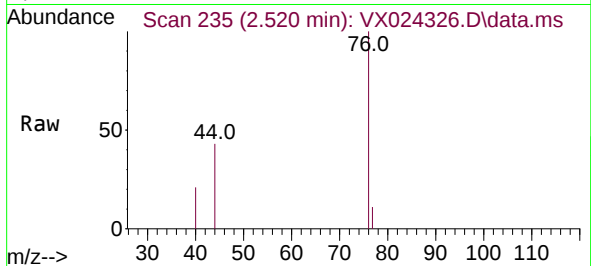




#17
Carbon Disulfide
Concen: 0.326 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

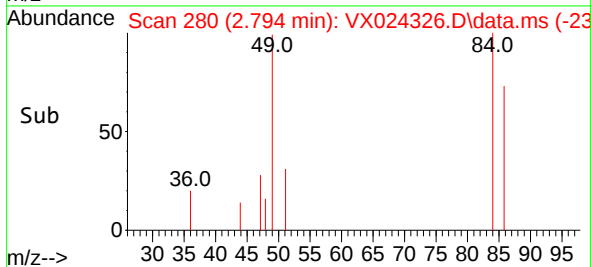
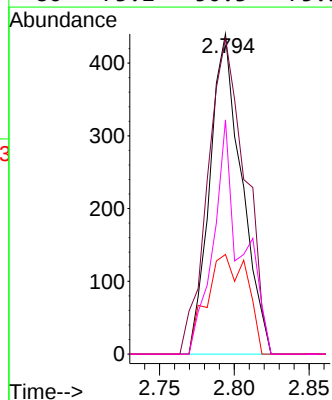
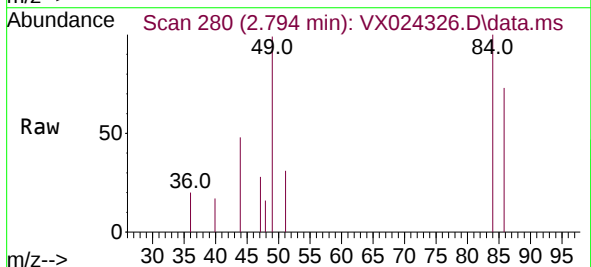
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

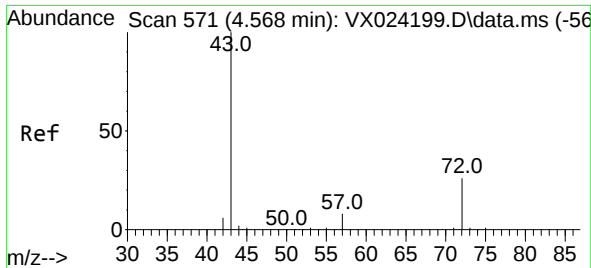
Tgt Ion: 76 Resp: 1073
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 84 Resp: 651
Ion Ratio Lower Upper
84 100
49 98.6 88.6 132.8
51 31.1 27.0 40.6
86 73.2 50.3 75.5

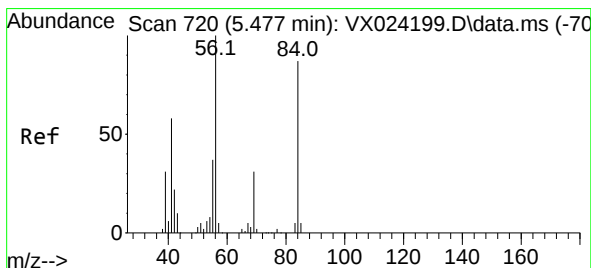
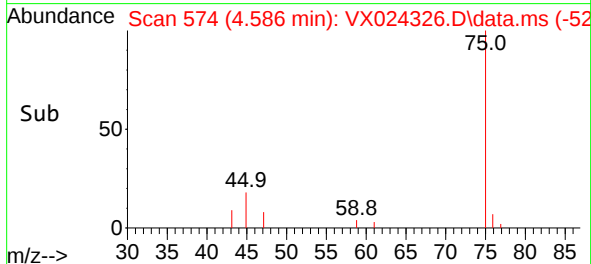
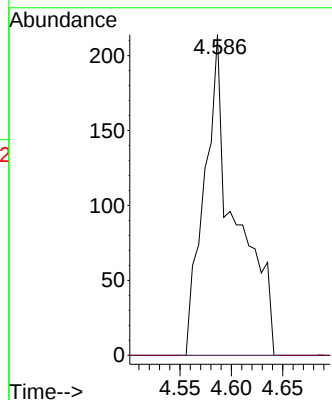
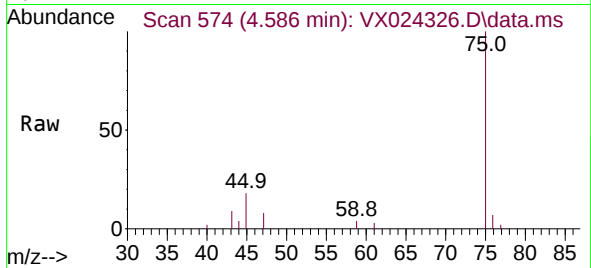




#25
2-Butanone
Concen: 0.355 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

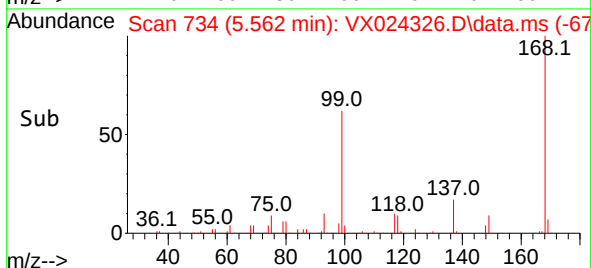
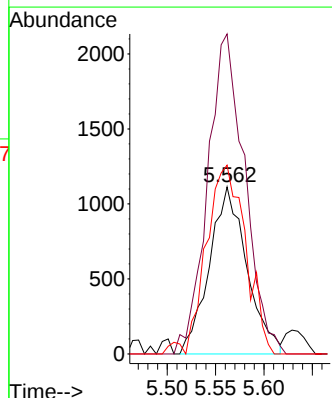
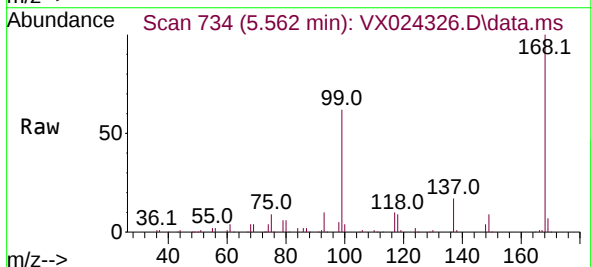
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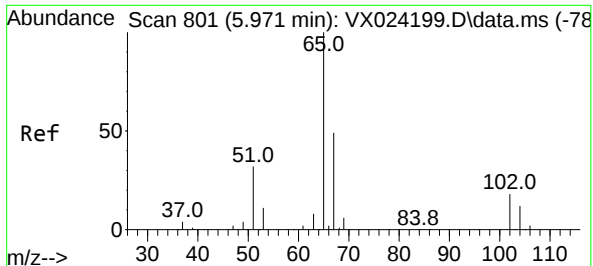
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 56 Resp: 3010
Ion Ratio Lower Upper
56 100
69 186.9 25.3 37.9#
84 113.1 71.4 107.0#



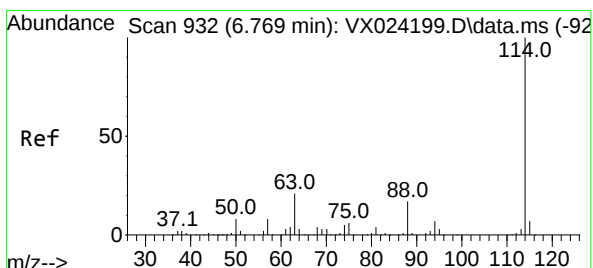
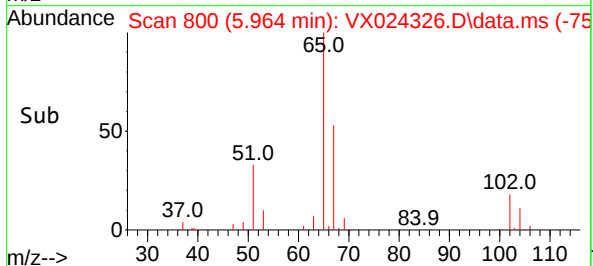
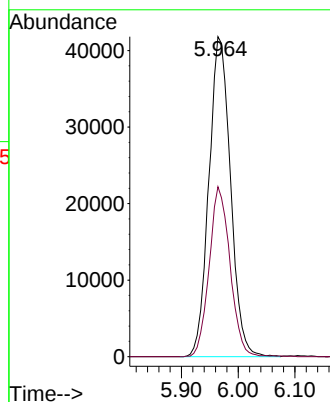
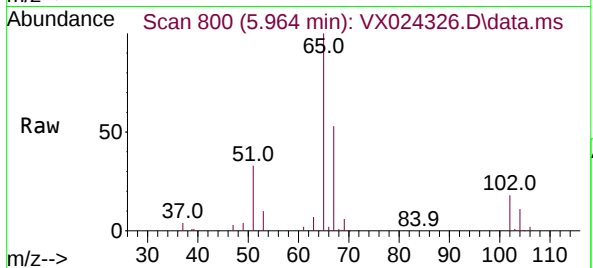


#33

1,2-Dichloroethane-d4
Concen: 54.516 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

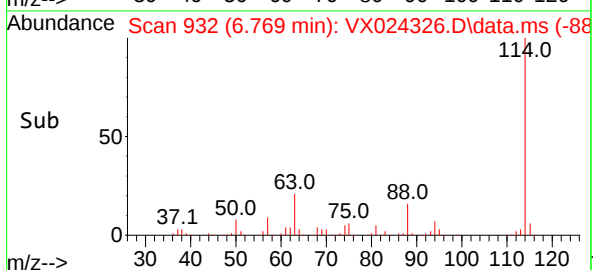
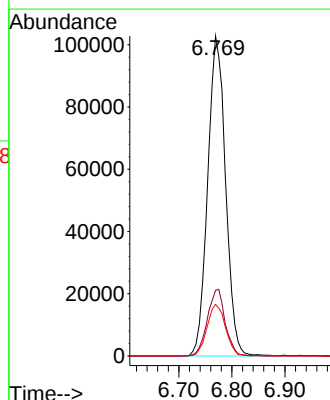
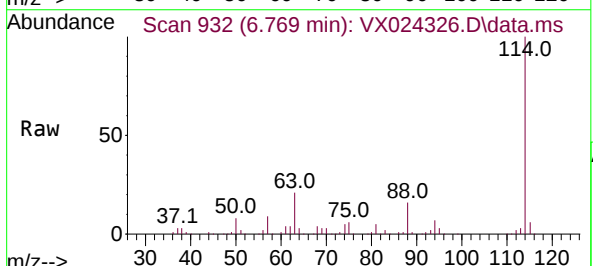
Tgt Ion: 65 Resp: 110777
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

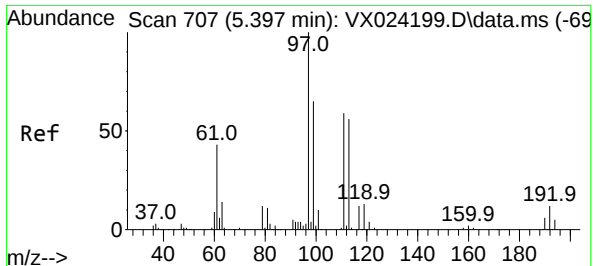


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 114 Resp: 240715
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.1 0.0 32.8

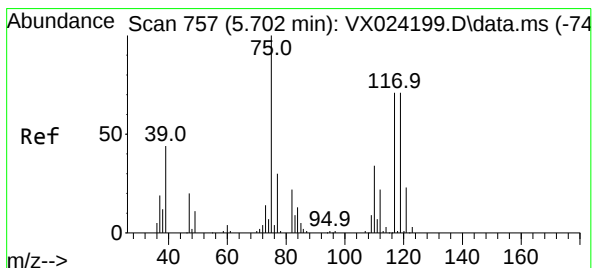
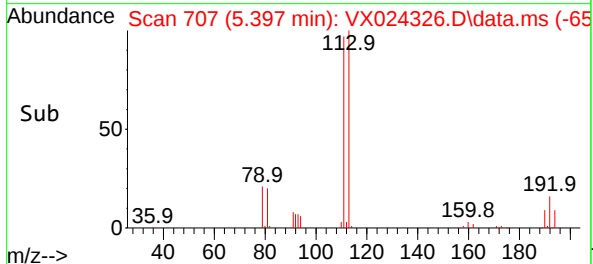
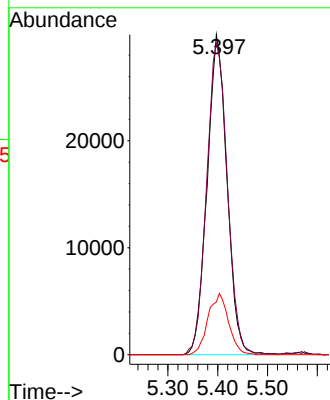
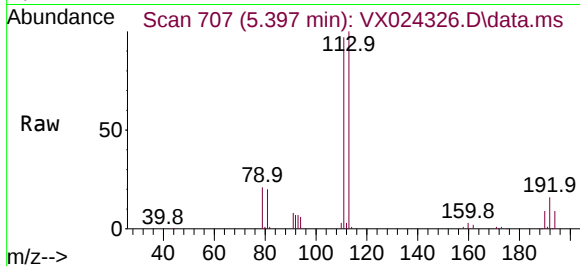




#35
Dibromofluoromethane
Concen: 51.414 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

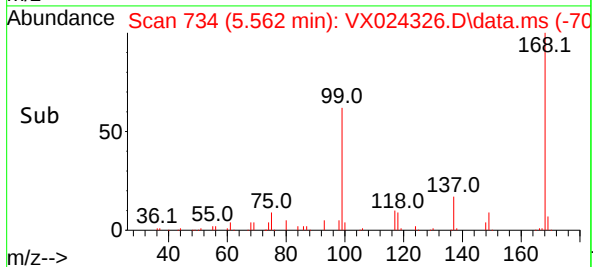
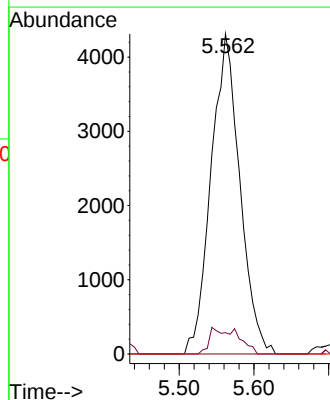
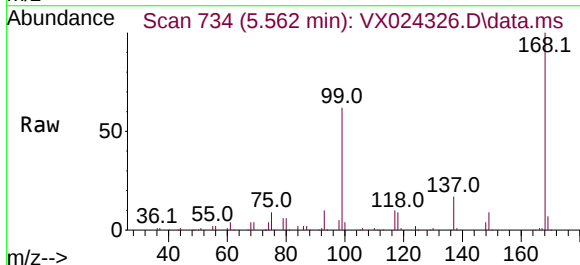
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

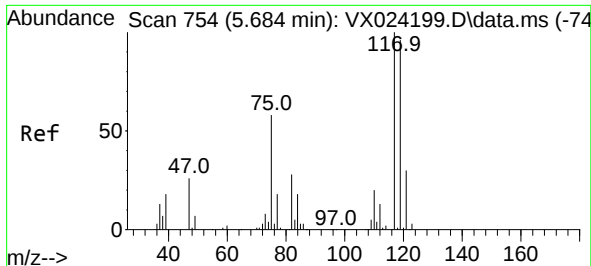
Tgt Ion:	113	Resp:	82999
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	19.6	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion:	75	Resp:	11544
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	25.3	37.9#

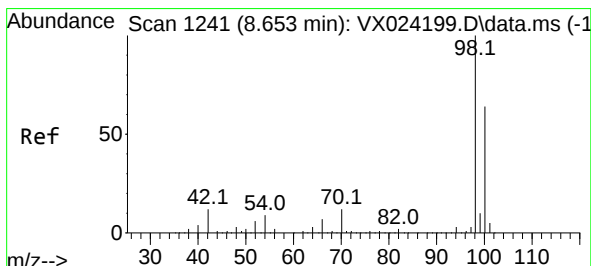
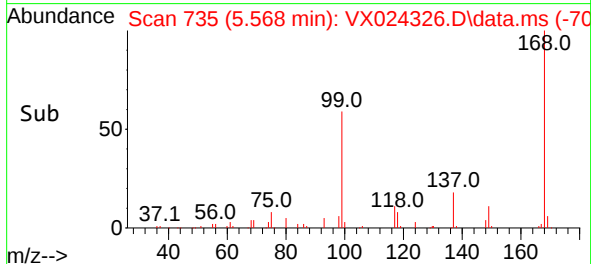
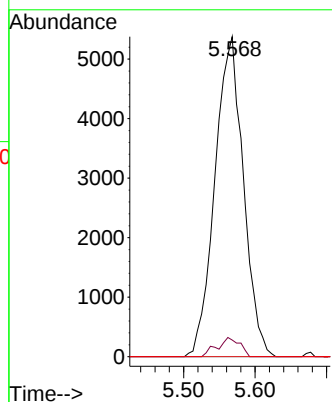
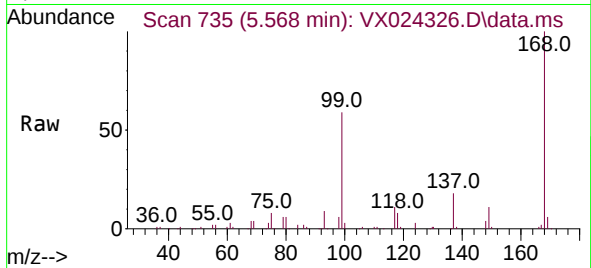




#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

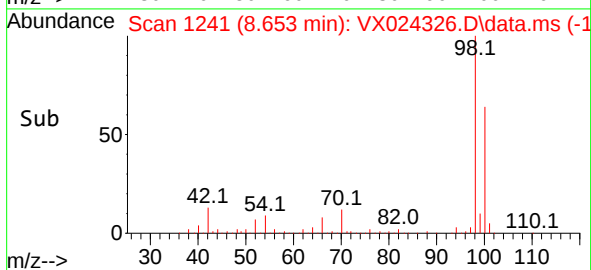
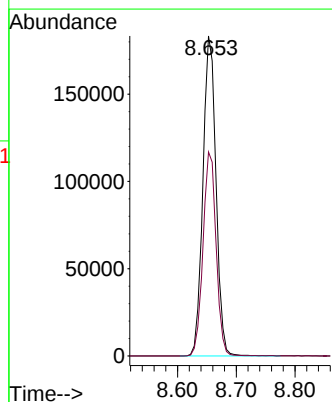
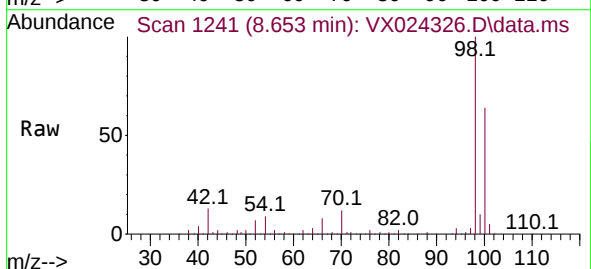
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

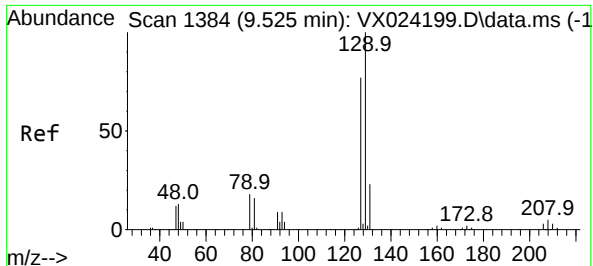
Tgt Ion:117 Resp: 14883
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.248 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 98 Resp: 283747
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9





#60

Dibromochloromethane

Concen: 1.808 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024326.D

Acq: 17 Sep 2021 23:01

Instrument :

MSVOA_X

ClientSampleId :

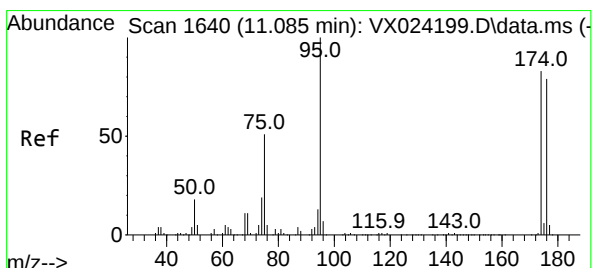
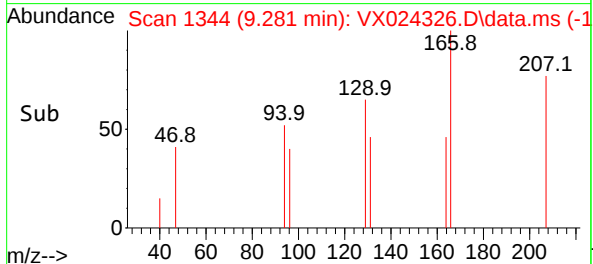
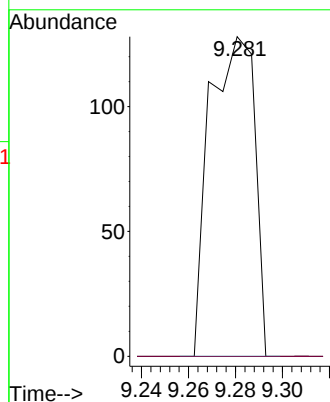
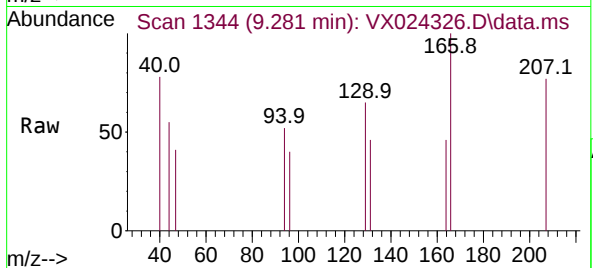
VX0917WBL02

Tgt Ion:129 Resp: 170

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.917 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024326.D

Acq: 17 Sep 2021 23:01

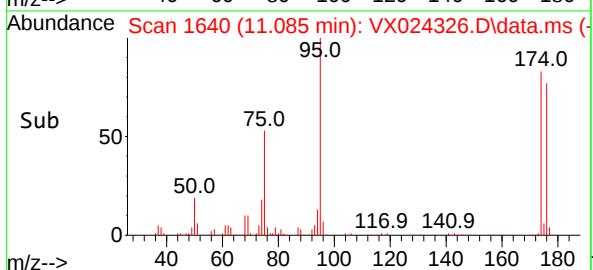
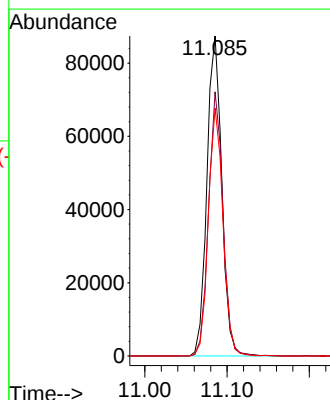
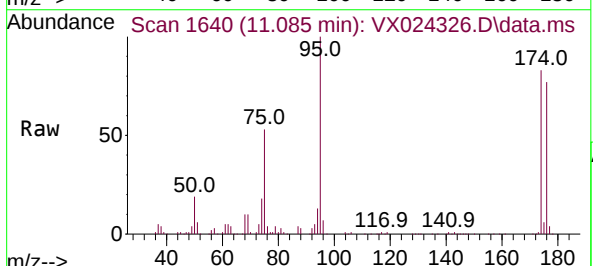
Tgt Ion: 95 Resp: 109667

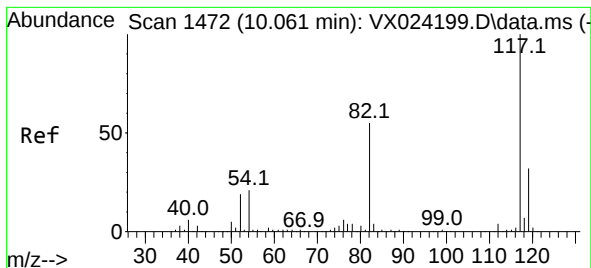
Ion Ratio Lower Upper

95 100

174 80.4 0.0 154.6

176 76.2 0.0 155.8

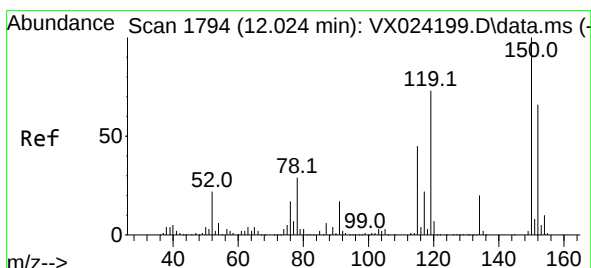
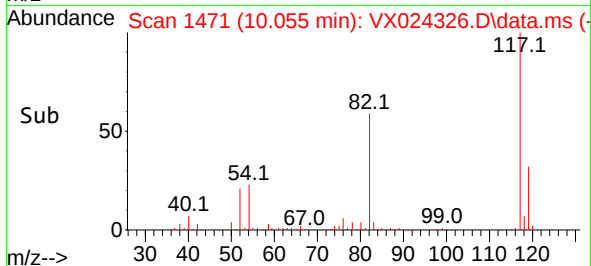
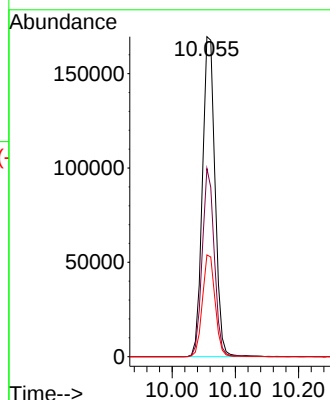
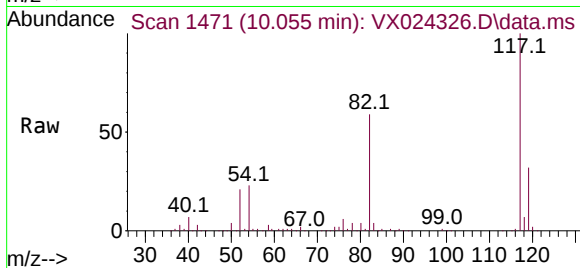




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

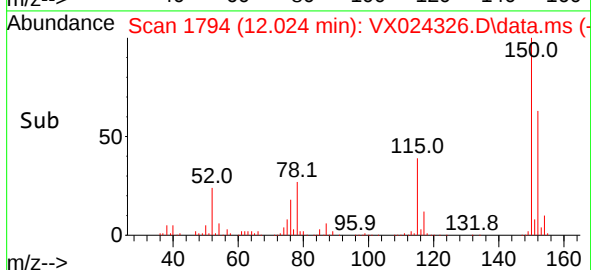
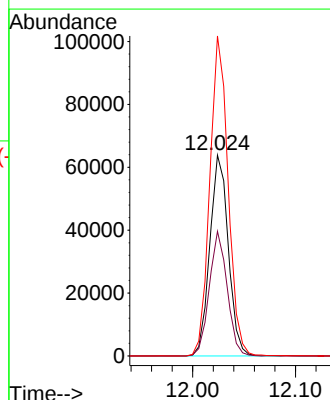
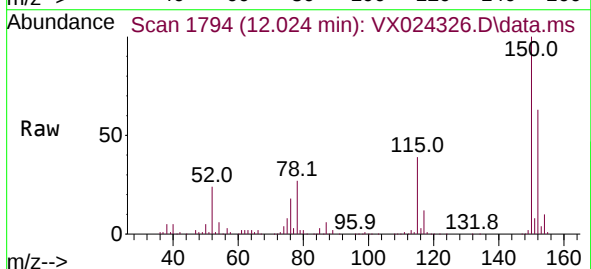
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

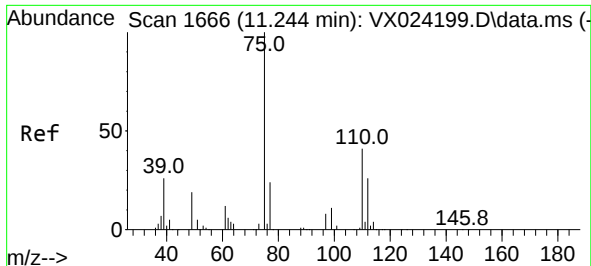
Tgt Ion:117 Resp: 236097
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion:152 Resp: 79802
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 157.7 0.0 349.0

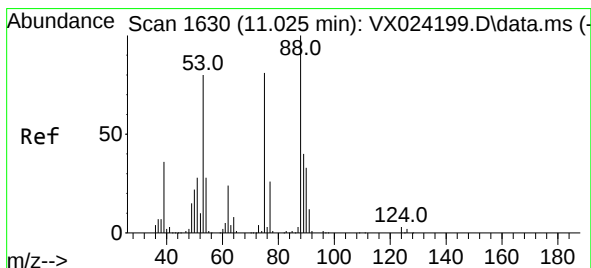
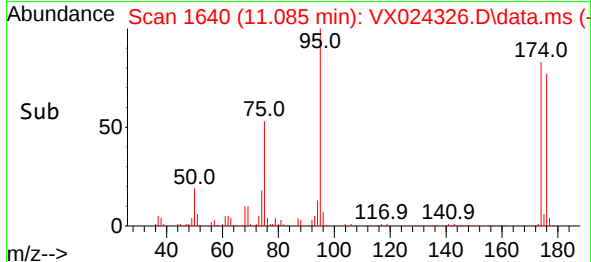
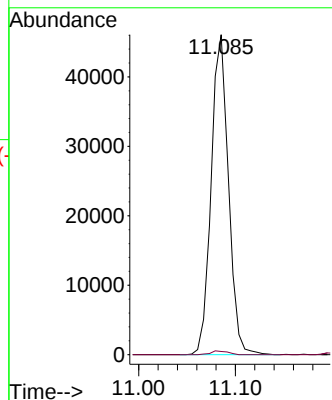
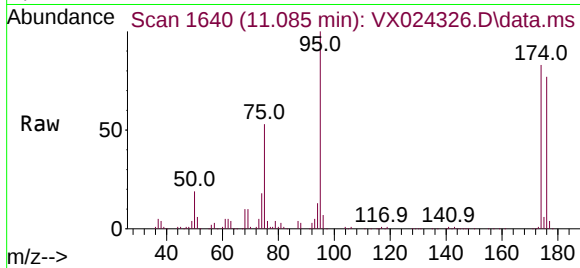




#76
1,2,3-Trichloropropane
Concen: 31.211 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

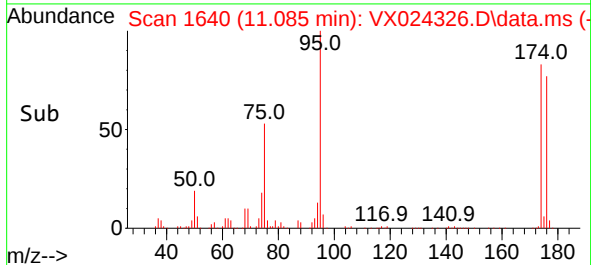
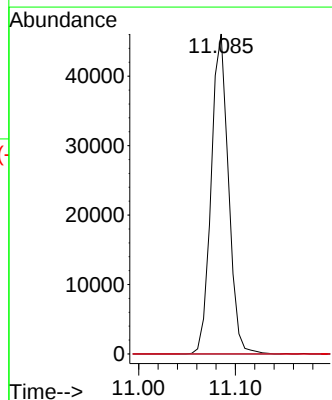
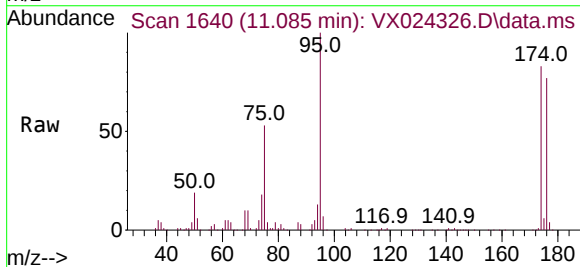
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

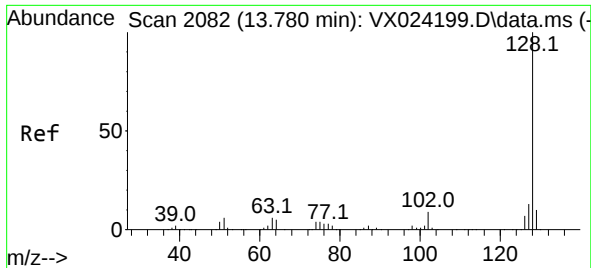
Tgt Ion: 75 Resp: 57271
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.791 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Tgt Ion: 75 Resp: 57271
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.354 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024326.D
Acq: 17 Sep 2021 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL02

Tgt Ion:128 Resp: 393
Ion Ratio Lower Upper
128 100
127 17.0 10.3 15.5#
129 0.0 8.8 13.2#

