

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024292.D
 Acq On : 16 Sep 2021 16:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 17 04:41:41 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)

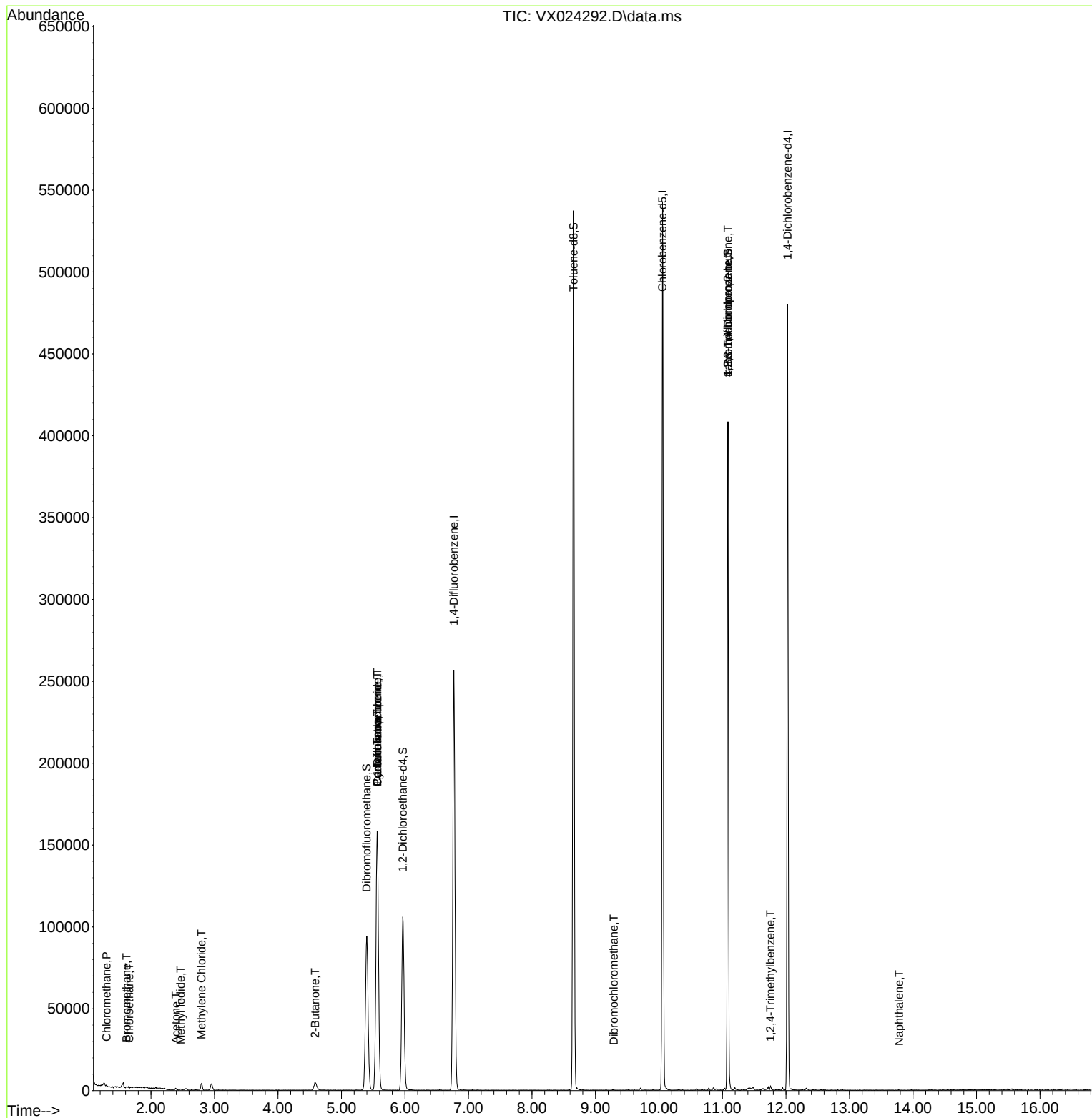
Internal Standards						
1) Pentafluorobenzene	5.562	168	146218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107555	51.585	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.160%			
35) Dibromofluoromethane	5.398	113	81922	47.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.360%			
50) Toluene-d8	8.653	98	308488	49.286	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.086	95	99544	40.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 81.740%#			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	295	0.201	ug/l #	42
5) Bromomethane	1.618	94	387	0.445	ug/l	82
6) Chloroethane	1.654	64	131	2.108	ug/l #	43
10) Methyl Iodide	2.465	142	549	0.276	ug/l #	85
11) Tert butyl alcohol	2.959	59	2478	Below Cal	#	73
16) Acetone	2.392	43	1146	1.289	ug/l #	69
20) Methylene Chloride	2.794	84	1789	1.048	ug/l	98
25) 2-Butanone	4.587	43	274	0.209	ug/l #	45
31) Cyclohexane	5.562	56	3042	1.247	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11557	4.906	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15138	5.710	ug/l #	16
60) Dibromochloromethane	9.287	129	22	1.736	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	53581	25.097	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	53581	73.810	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	1297	0.226	ug/l	88
95) Naphthalene	13.780	128	121	1.305	ug/l #	69

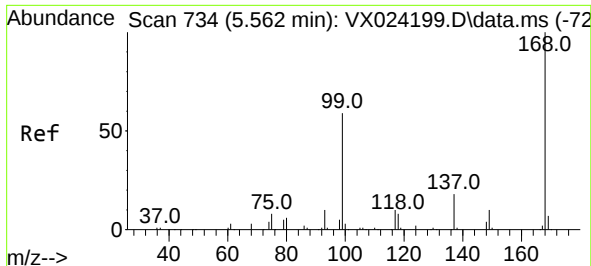
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 04:41:41 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

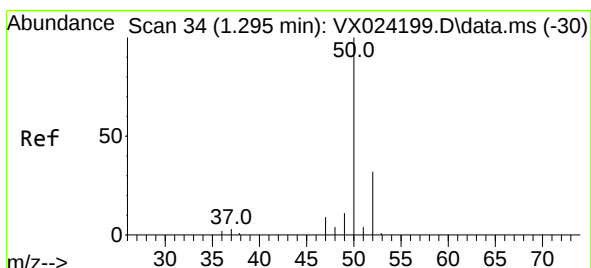
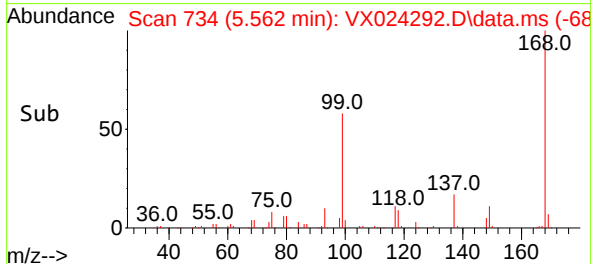
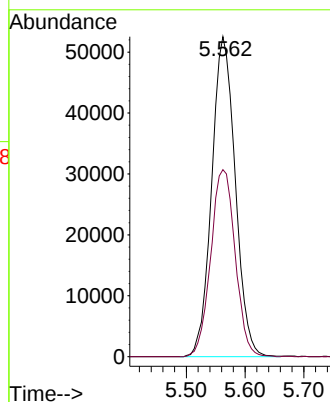
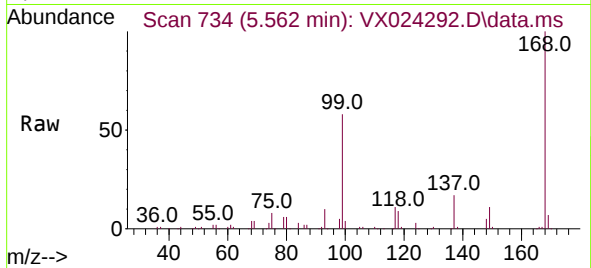




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

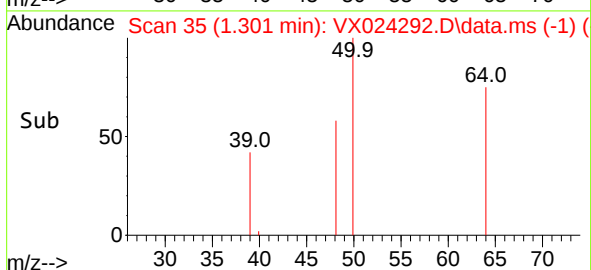
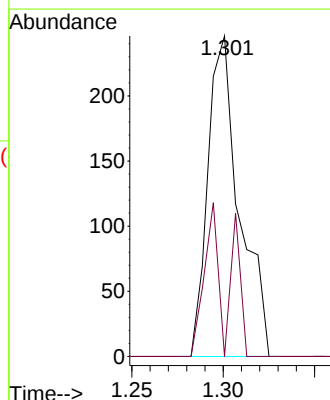
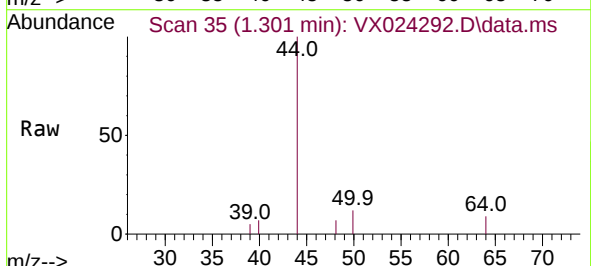
Instrument :
MSVOA_X
ClientSampleId :
IBLK

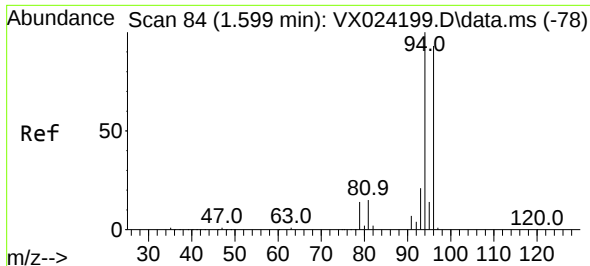
Tgt Ion:168 Resp: 146218
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 50 Resp: 295
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

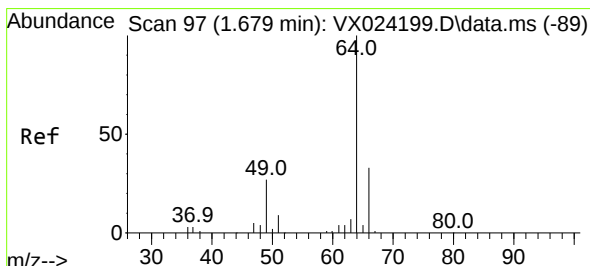
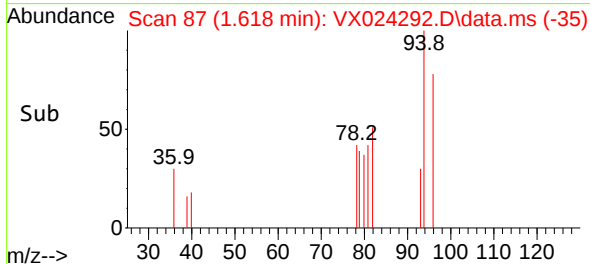
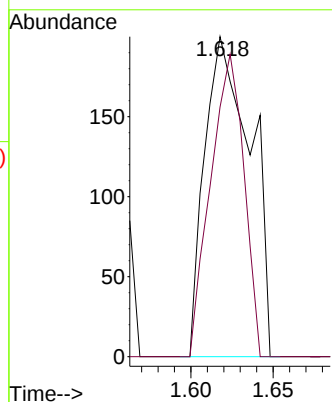
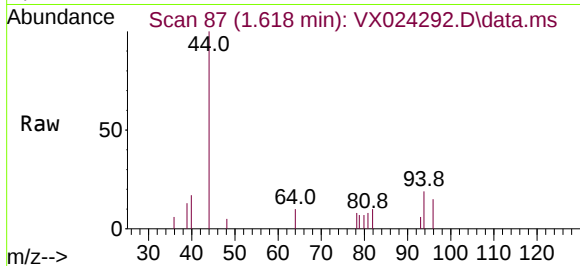




#5
Bromomethane
Concen: 0.445 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

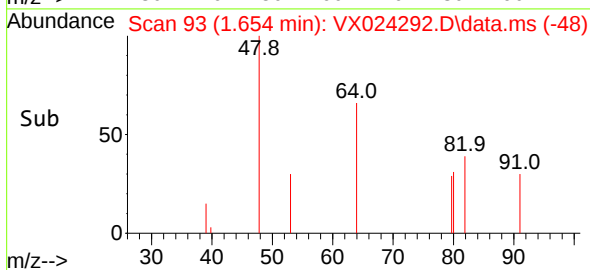
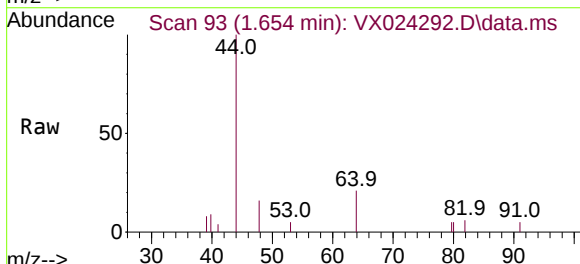
Instrument :
MSVOA_X
ClientSampleID :
IBLK

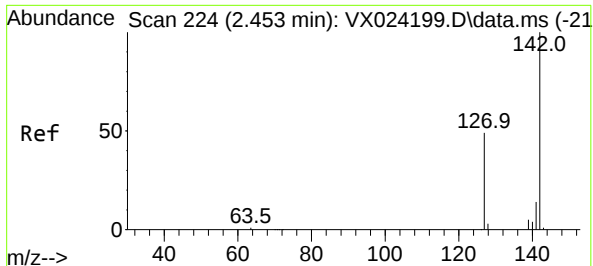
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 78.0 76.4 114.6



#6
Chloroethane
Concen: 2.108 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

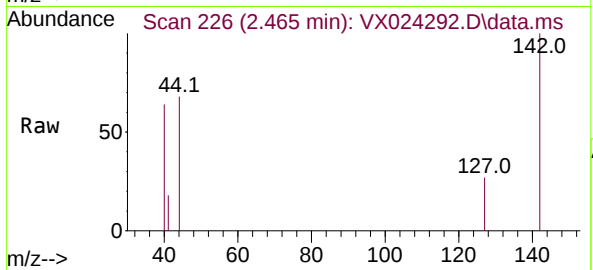
Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



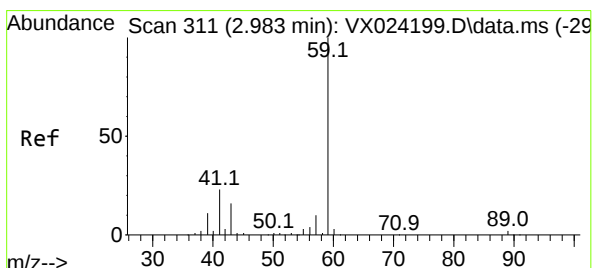
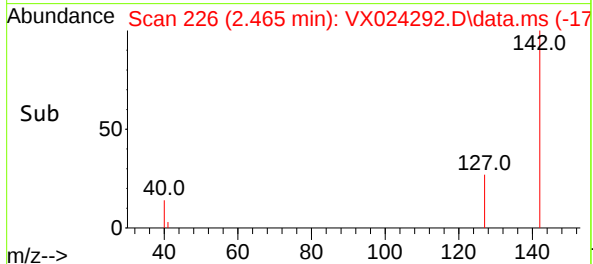
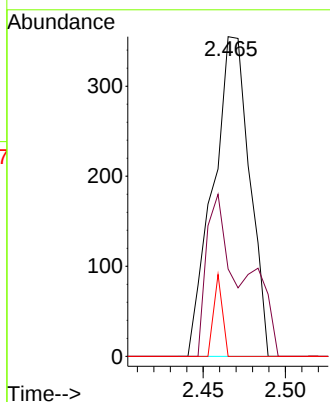


#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Instrument :
MSVOA_X
ClientSampled :
IBLK

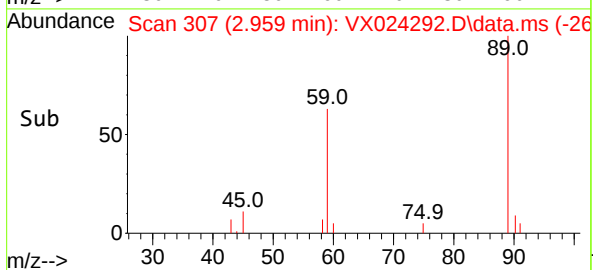
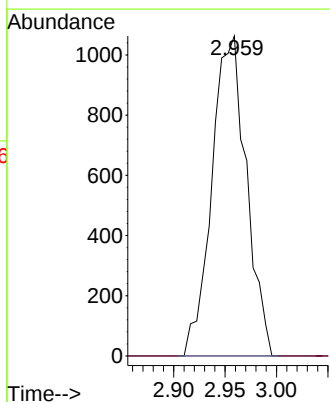
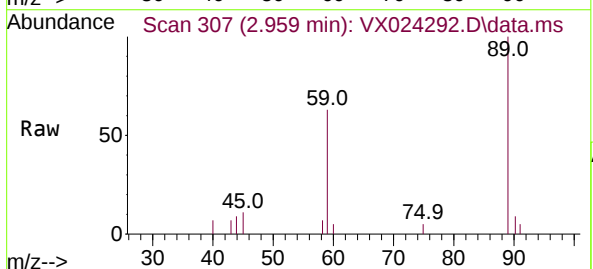


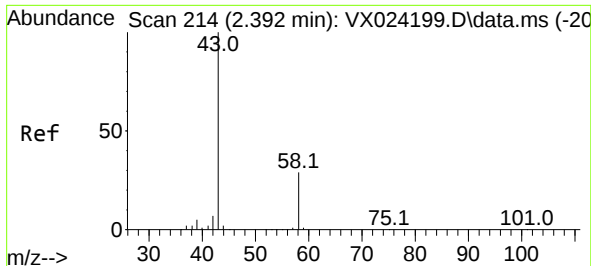
Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
127 33.2 33.3 49.9#
141 6.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 59 Resp: 2478
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

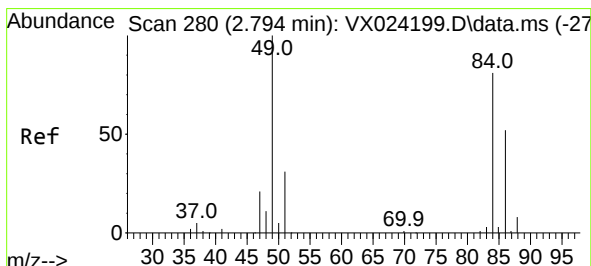
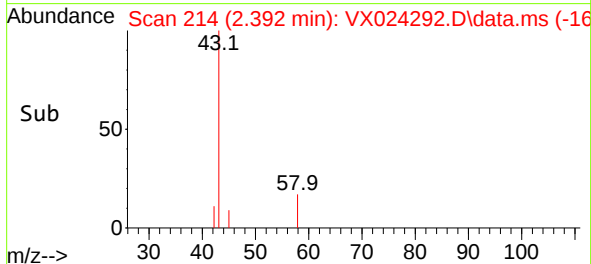
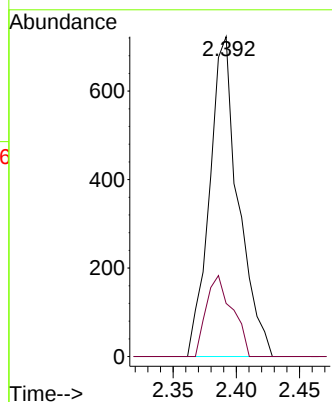
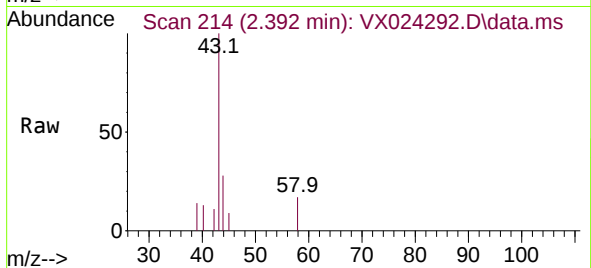




#16
Acetone
Concen: 1.289 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

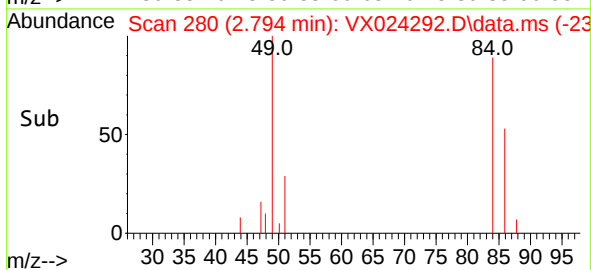
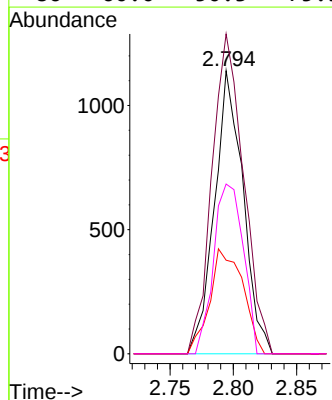
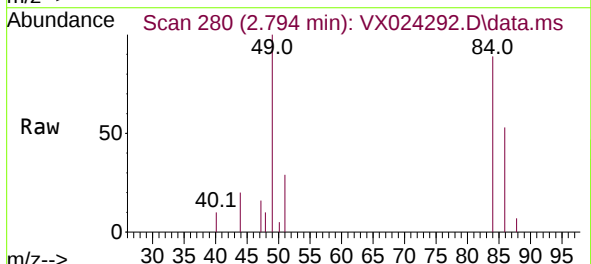
Instrument :
MSVOA_X
ClientSampleId :
IBLK

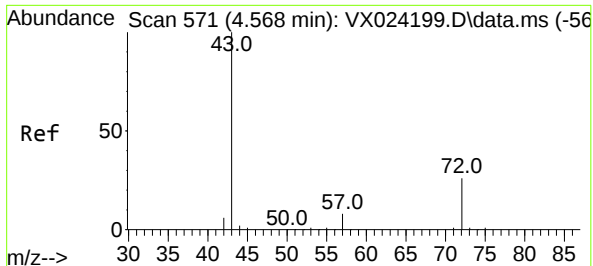
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 16.6 27.8 41.8#



#20
Methylene Chloride
Concen: 1.048 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 84 Resp: 1789
Ion Ratio Lower Upper
84 100
49 113.0 88.6 132.8
51 33.1 27.0 40.6
86 60.0 50.3 75.5





#25

2-Butanone

Concen: 0.209 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024292.D

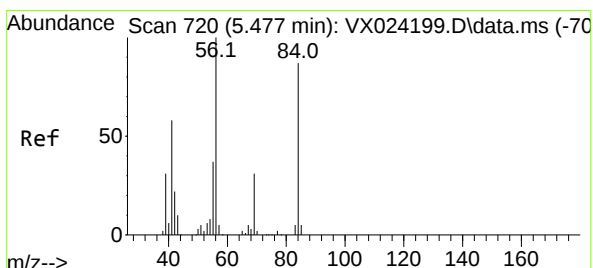
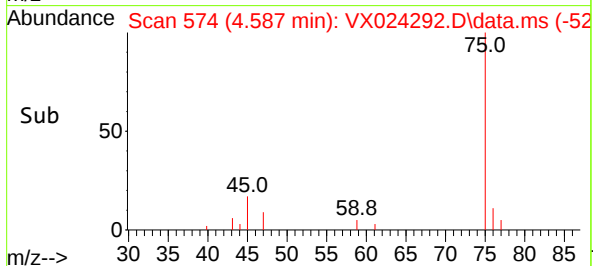
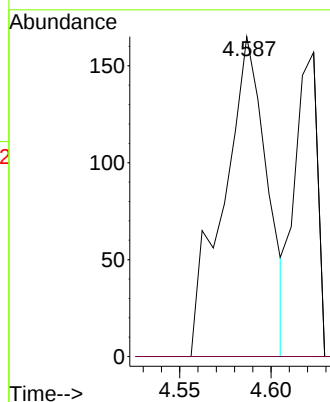
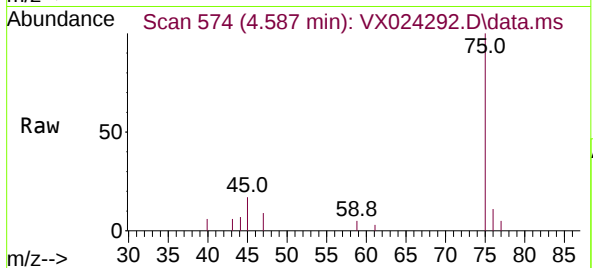
Acq: 16 Sep 2021 16:52

Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024292.D

Acq: 16 Sep 2021 16:52

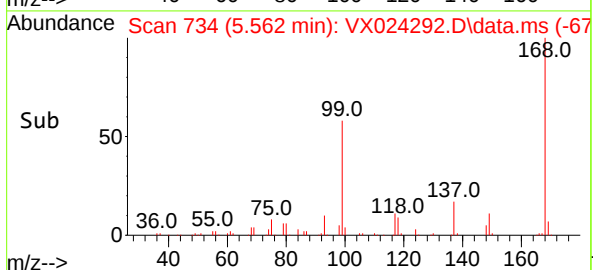
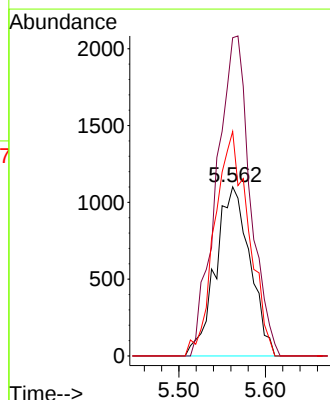
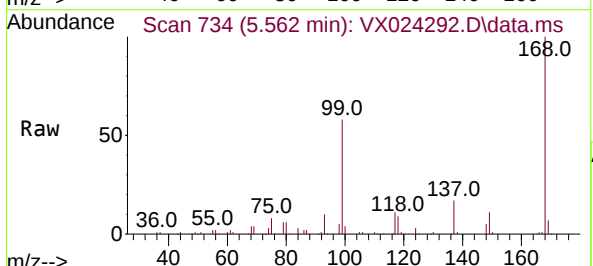
Tgt Ion: 56 Resp: 3042

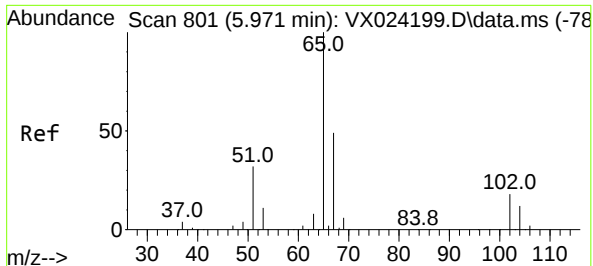
Ion Ratio Lower Upper

56 100

69 188.2 25.3 37.9#

84 132.7 71.4 107.0#



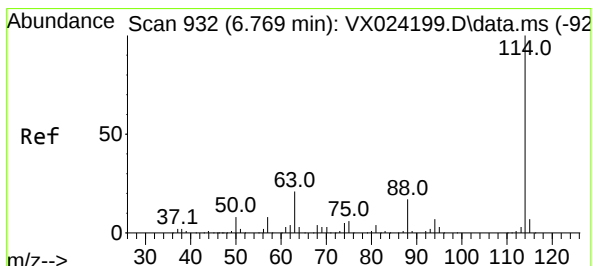
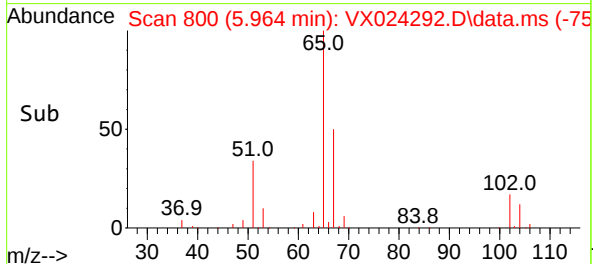
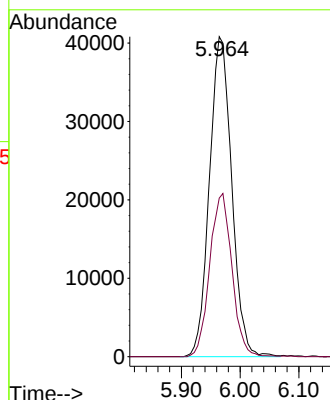
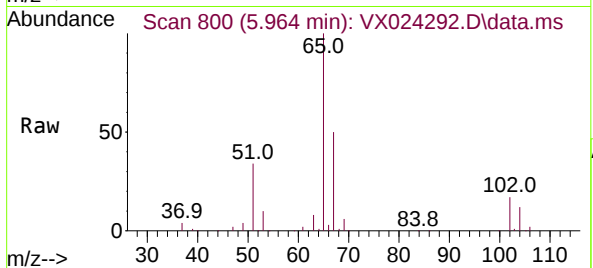


#33

1,2-Dichloroethane-d4
Concen: 51.585 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Instrument :
MSVOA_X
ClientSampled :
IBLK

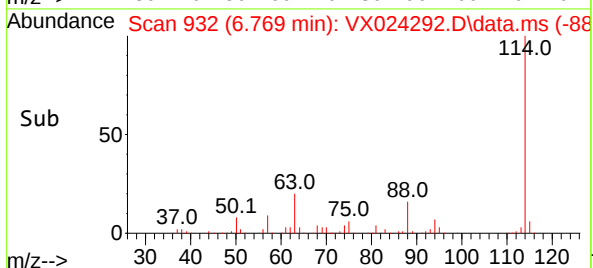
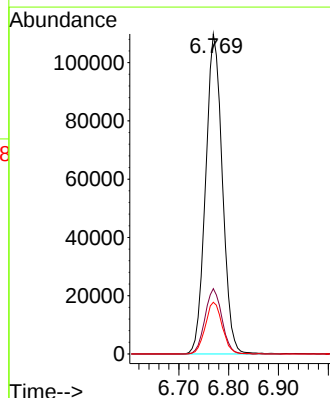
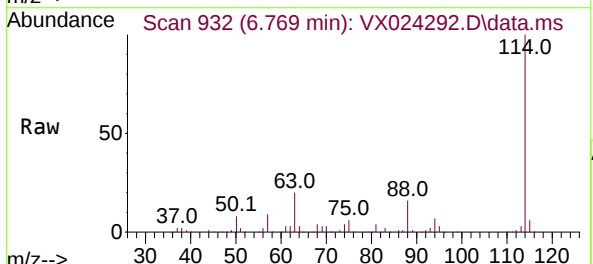
Tgt Ion: 65 Resp: 107555
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

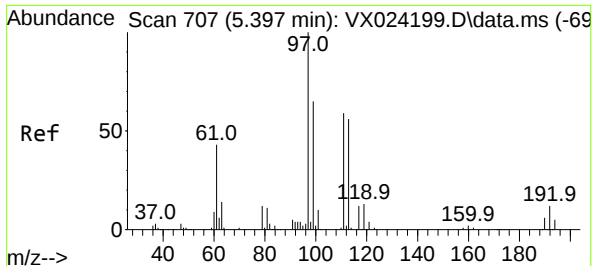


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 114 Resp: 256195
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.1 0.0 32.8

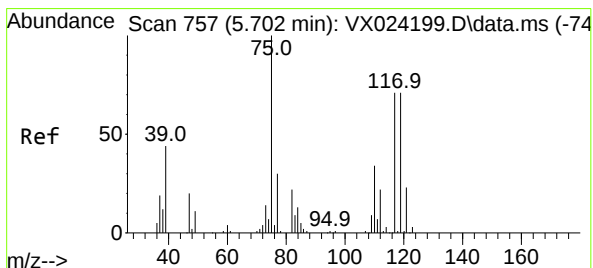
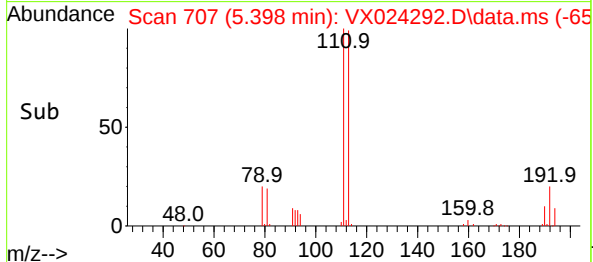
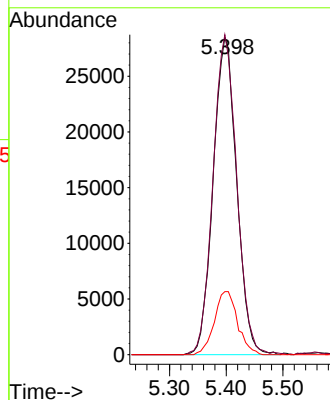
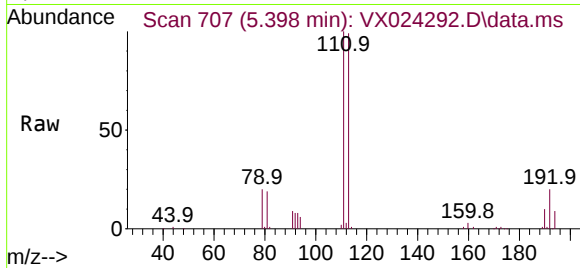




#35
Dibromofluoromethane
Concen: 47.680 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

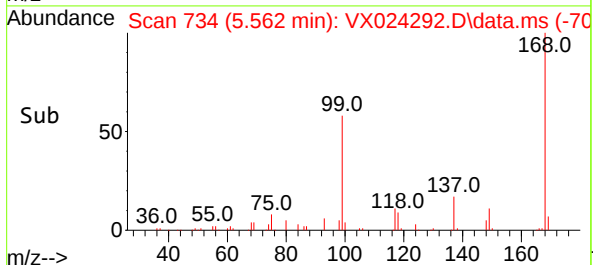
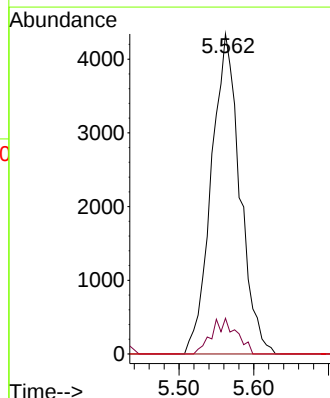
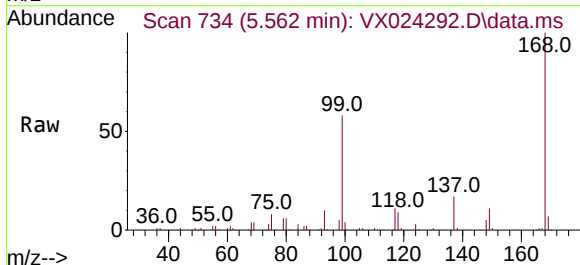
Instrument :
MSVOA_X
ClientSampled :
IBLK

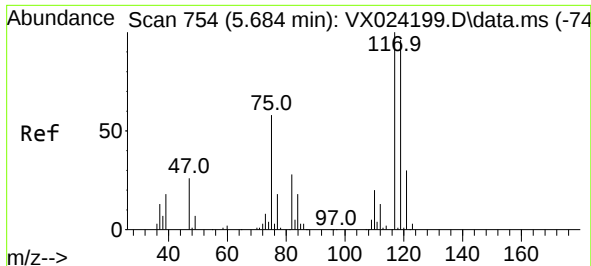
Tgt Ion:113 Resp: 81922
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

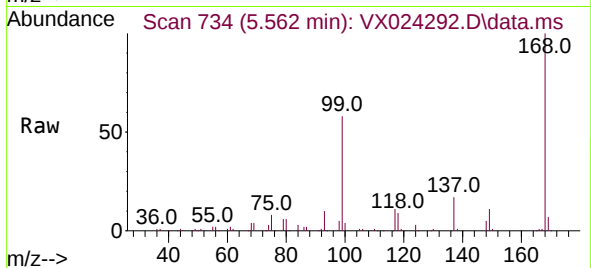
Tgt Ion: 75 Resp: 11557
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



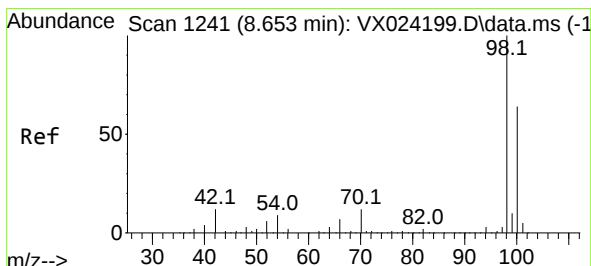
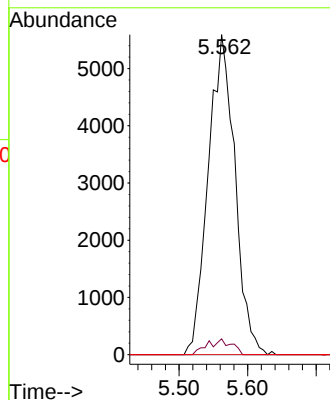
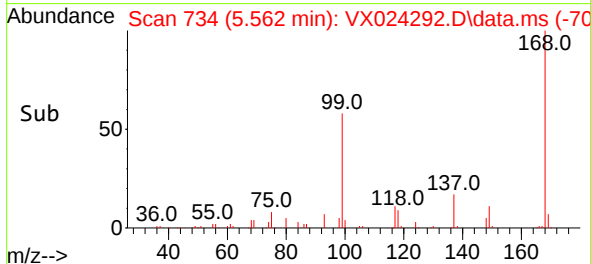


#38
Carbon Tetrachloride
Concen: 5.710 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

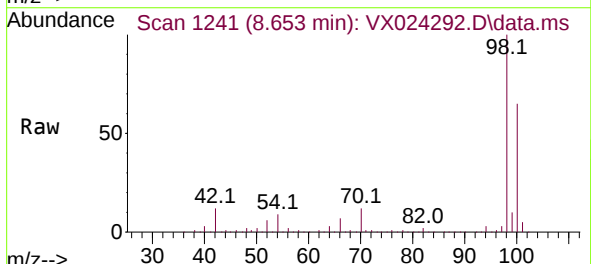
Instrument :
MSVOA_X
ClientSampled :
IBLK



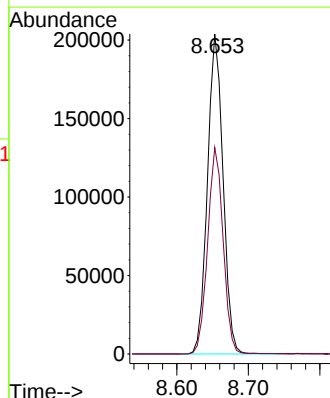
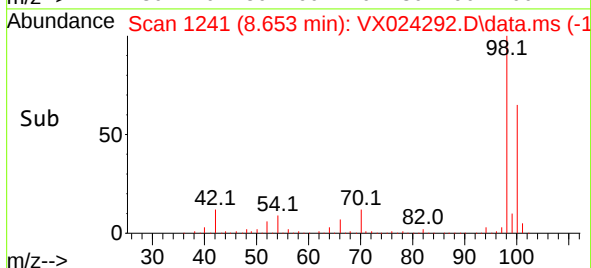
Tgt Ion:117 Resp: 15138
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

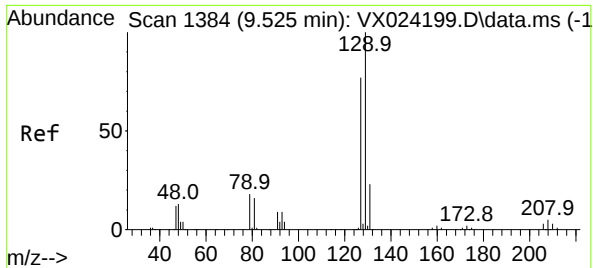


#50
Toluene-d8
Concen: 49.286 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52



Tgt Ion: 98 Resp: 308488
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

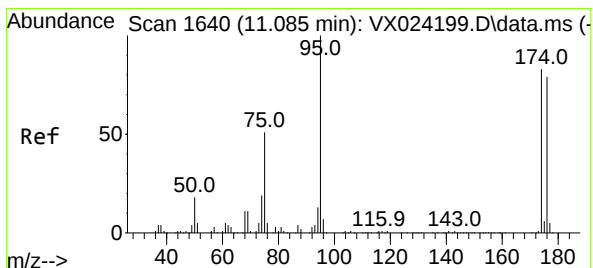
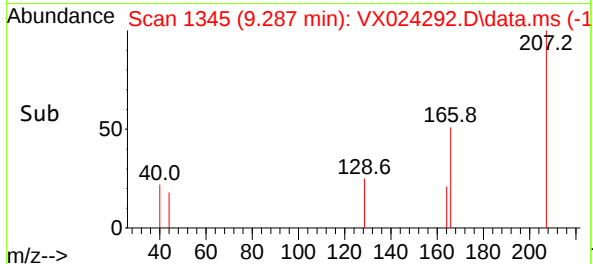
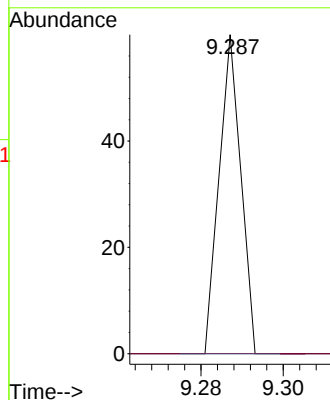
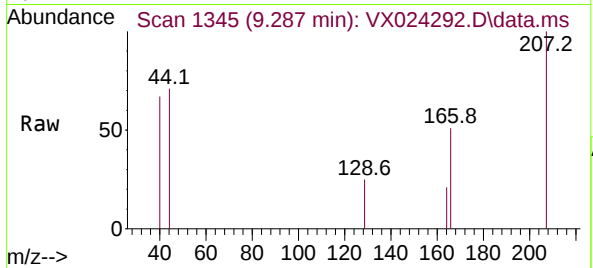




#60
Dibromochloromethane
Concen: 1.736 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

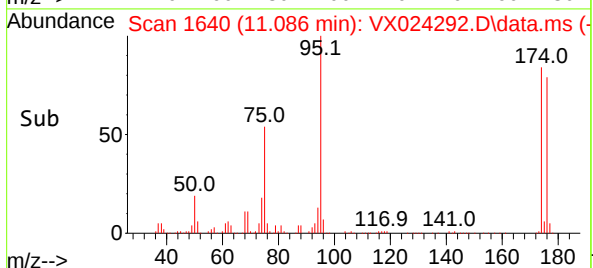
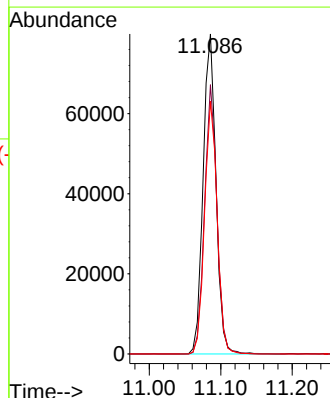
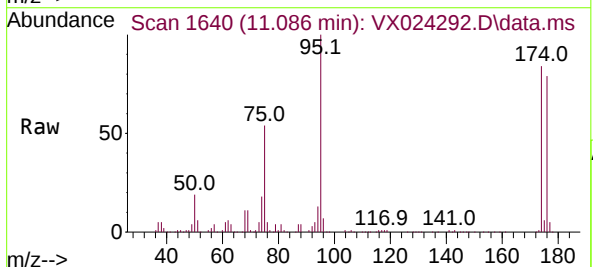
Instrument :
MSVOA_X
ClientSampled :
IBLK

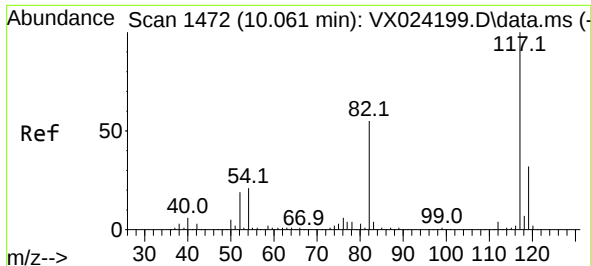
Tgt Ion:129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 40.866 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 95 Resp: 99544
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 77.6 0.0 155.8

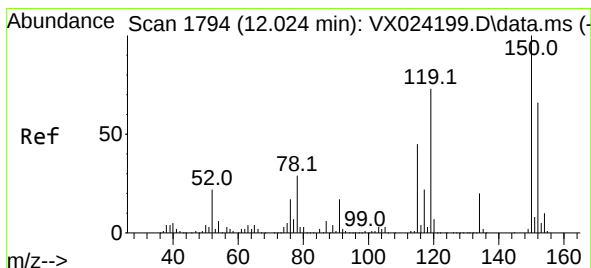
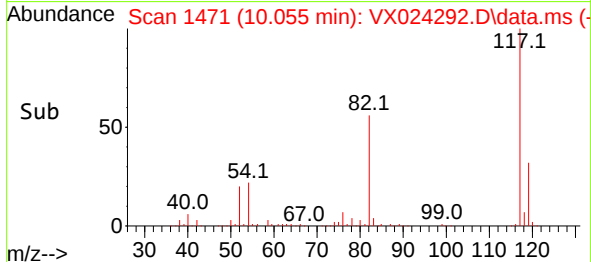
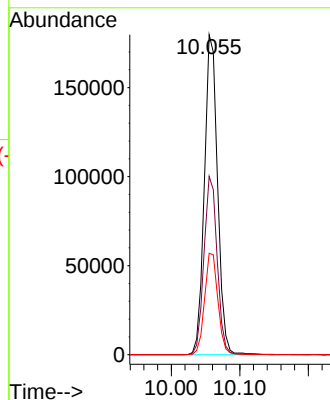
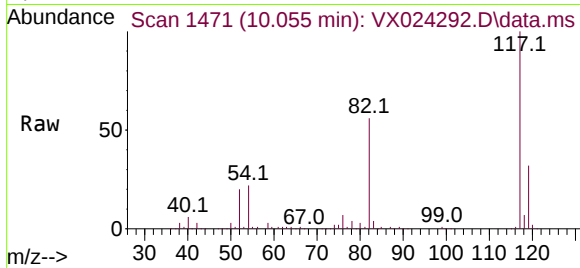




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

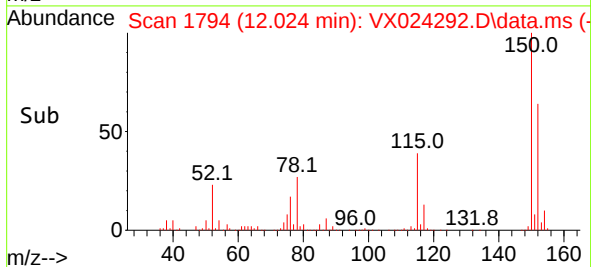
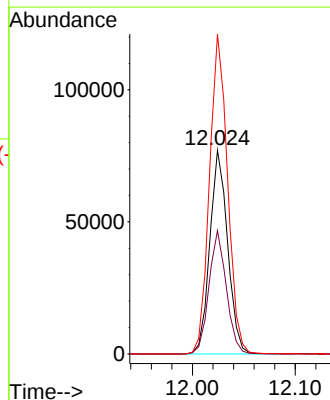
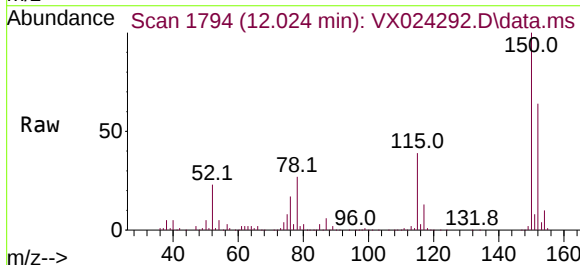
Instrument :
MSVOA_X
ClientSampled :
IBLK

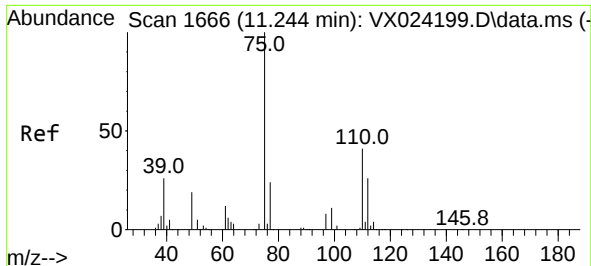
Tgt Ion:117 Resp: 240973
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion:152 Resp: 92849
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 159.2 0.0 349.0

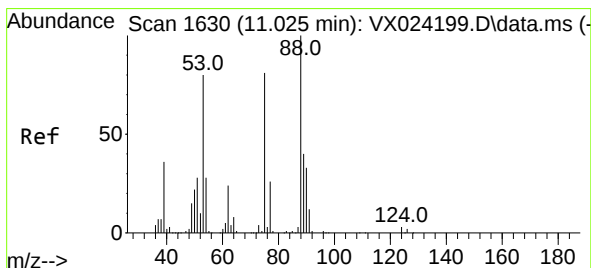
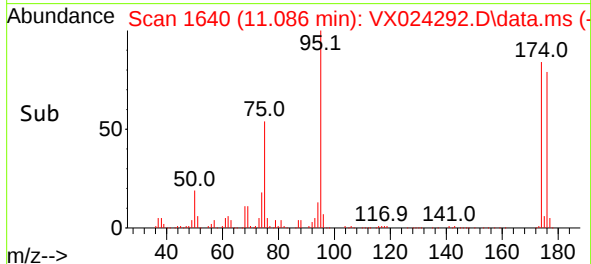
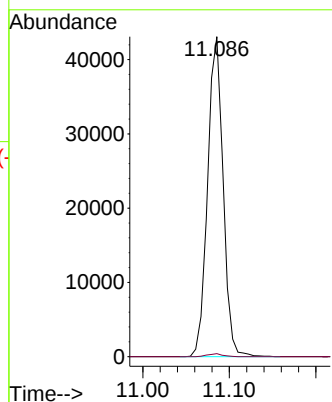
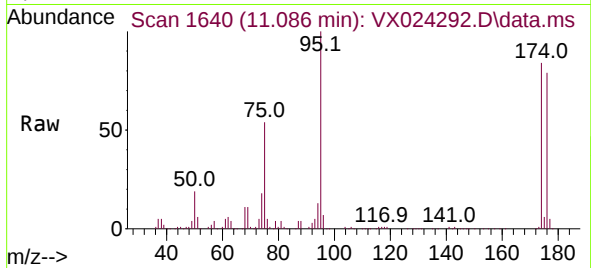




#76
1,2,3-Trichloropropane
Concen: 25.097 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

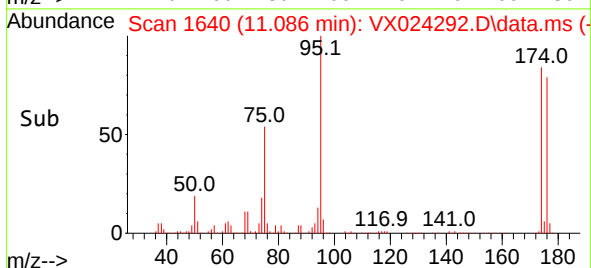
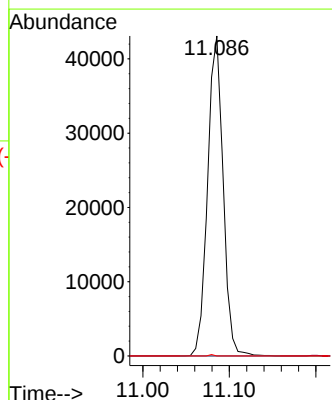
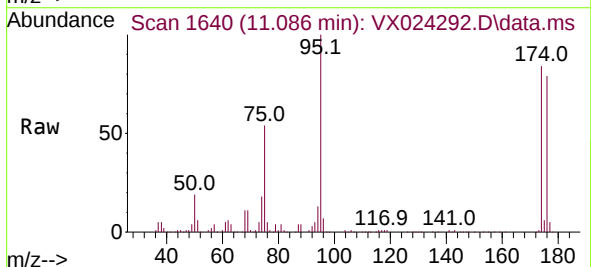
Instrument :
MSVOA_X
ClientSampled :
IBLK

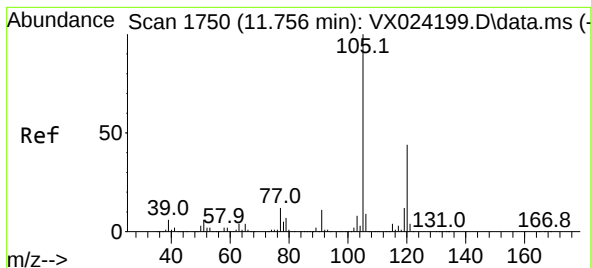
Tgt Ion: 75 Resp: 53581
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.810 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion: 75 Resp: 53581
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

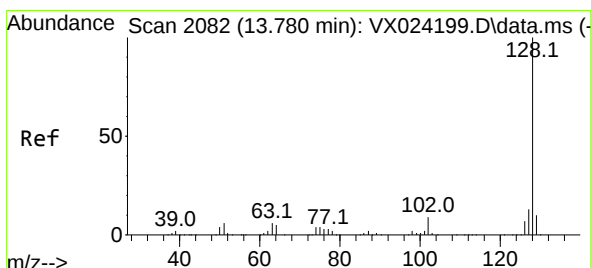
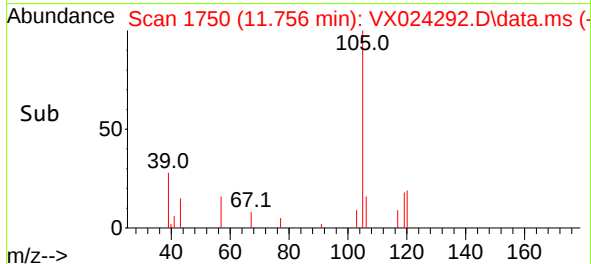
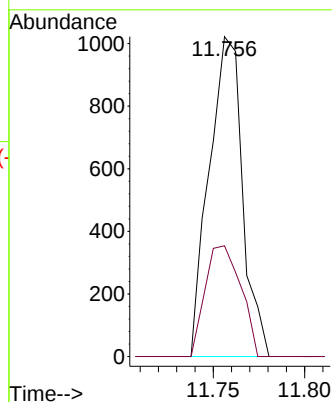
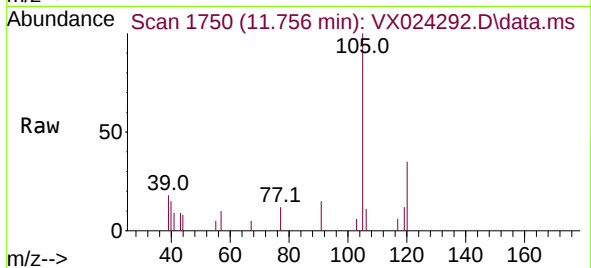




#84
1,2,4-Trimethylbenzene
Concen: 0.226 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:105 Resp: 1297
Ion Ratio Lower Upper
105 100
120 37.0 22.4 67.3



#95
Naphthalene
Concen: 1.305 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024292.D
Acq: 16 Sep 2021 16:52

Tgt Ion:128 Resp: 121
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

