

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024286.D
 Acq On : 16 Sep 2021 14:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 17 04:40:07 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)

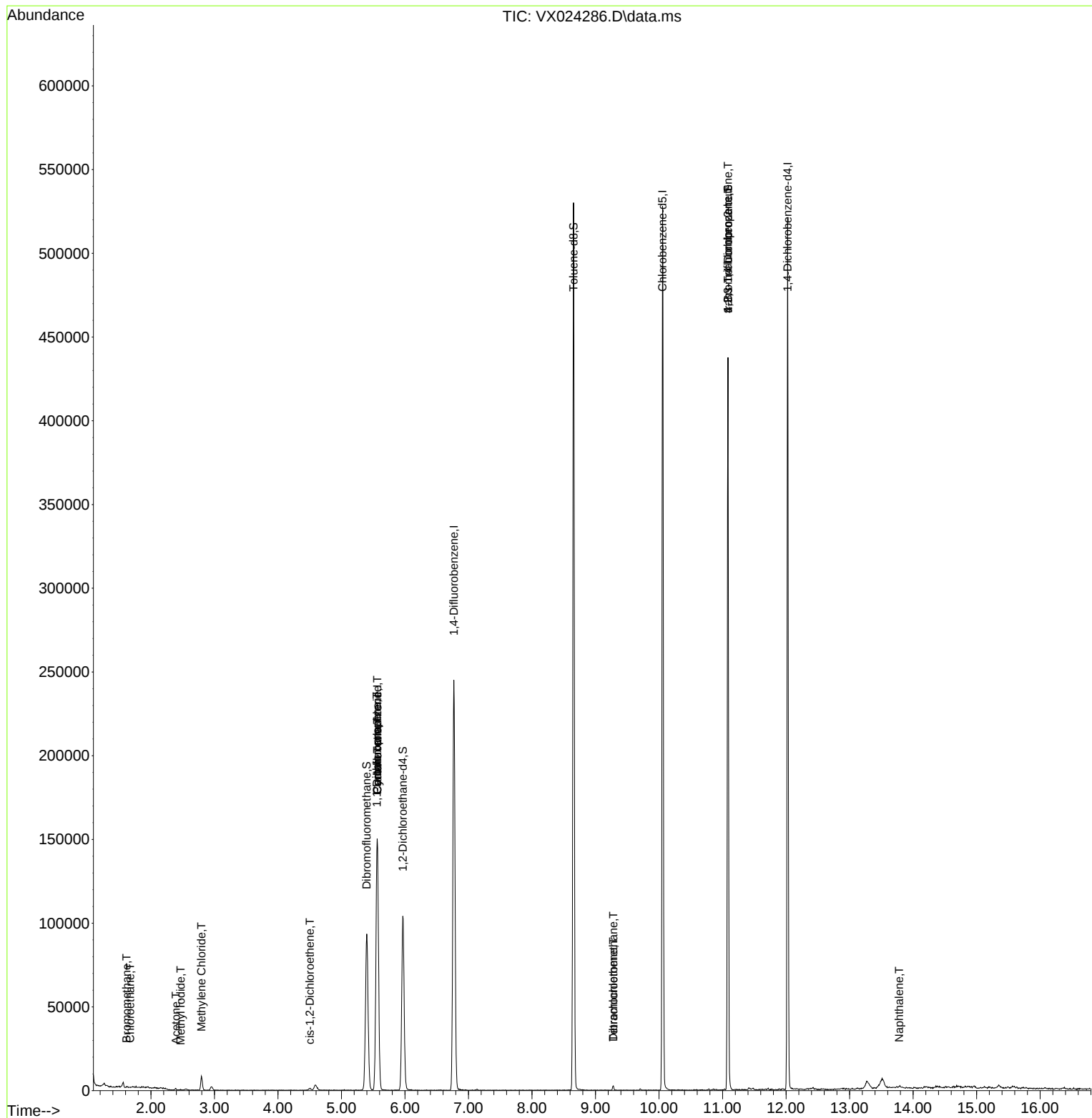
Internal Standards						
1) Pentafluorobenzene	5.562	168	140905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104848	52.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.360%			
35) Dibromofluoromethane	5.397	113	79302	48.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.560%			
50) Toluene-d8	8.653	98	300855	50.283	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.085	95	112003	48.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.200%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	445	0.531	ug/l #	70
6) Chloroethane	1.672	64	229	2.194	ug/l #	43
10) Methyl Iodide	2.465	142	417	0.217	ug/l #	84
11) Tert butyl alcohol	2.946	59	1428	Below Cal	#	73
16) Acetone	2.392	43	990	1.156	ug/l #	82
20) Methylene Chloride	2.794	84	3683	2.239	ug/l #	95
27) cis-1,2-Dichloroethene	4.501	96	713	0.434	ug/l	94
31) Cyclohexane	5.562	56	2956	1.258	ug/l #	46
36) 1,1-Dichloropropene	5.556	75	11100	4.930	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14909	5.883	ug/l #	15
60) Dibromochloromethane	9.281	129	527	1.975	ug/l #	11
64) Tetrachloroethene	9.281	164	426	0.237	ug/l #	76
76) 1,2,3-Trichloropropane	11.085	75	59342	25.364	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59342	74.596	ug/l #	12
95) Naphthalene	13.780	128	212	1.315	ug/l #	60

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

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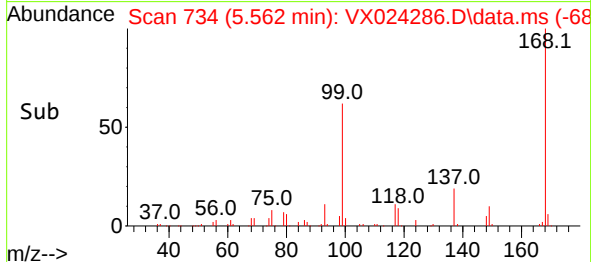
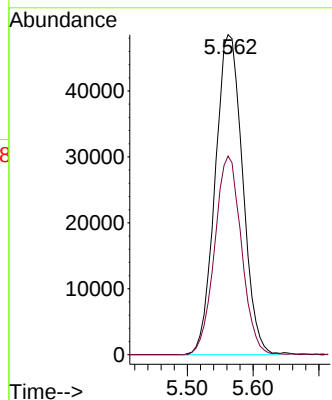
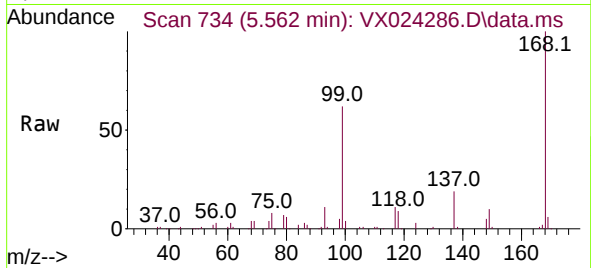




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

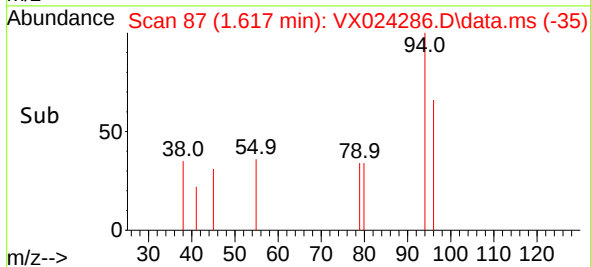
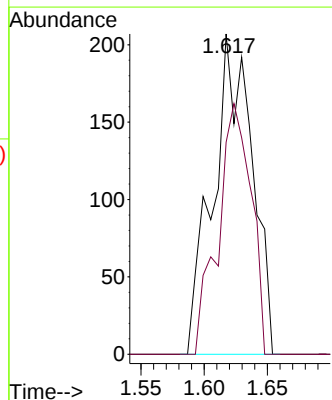
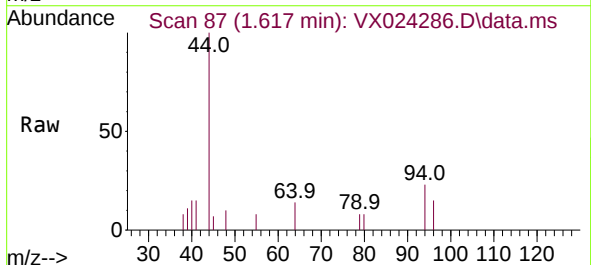
Instrument :
MSVOA_X
ClientSampled :
IBLK

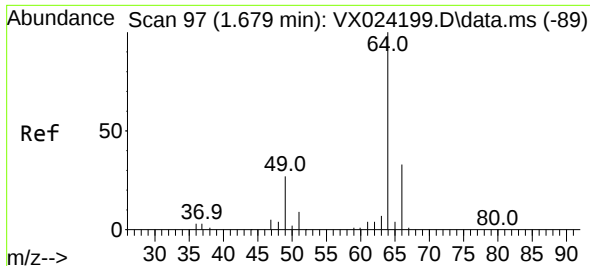
Tgt Ion:168 Resp: 140905
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#5
Bromomethane
Concen: 0.531 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 66.2 76.4 114.6#

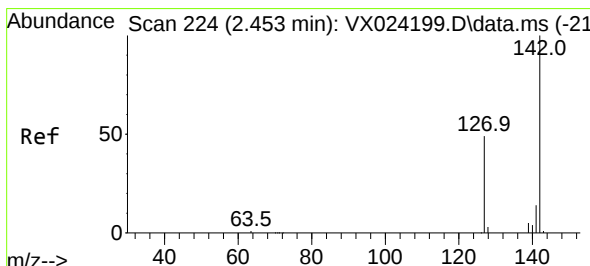
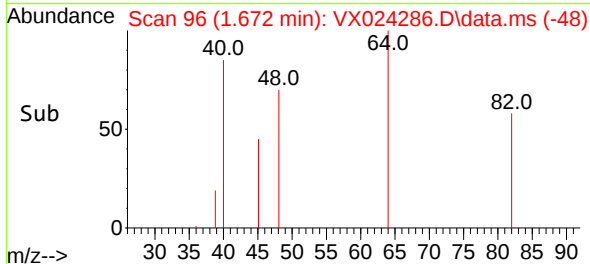
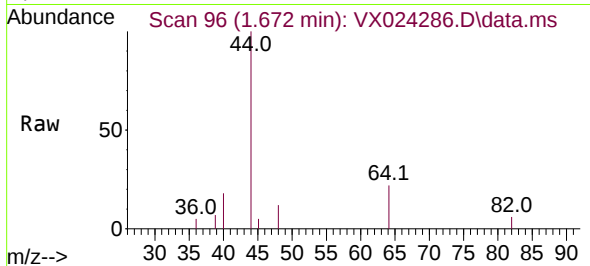




#6
Chloroethane
Concen: 2.194 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

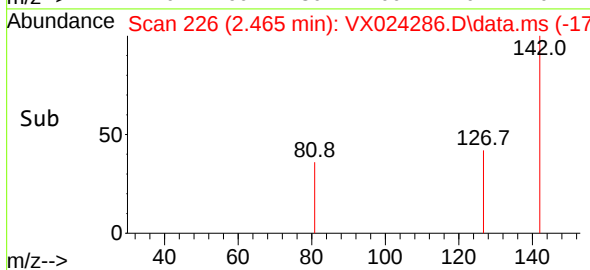
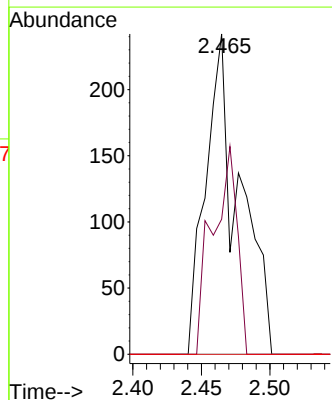
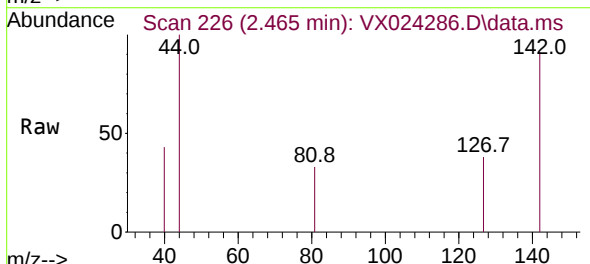
Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.217 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 142 Resp: 417
Ion Ratio Lower Upper
142 100
127 47.2 33.3 49.9
141 0.0 11.4 17.0#



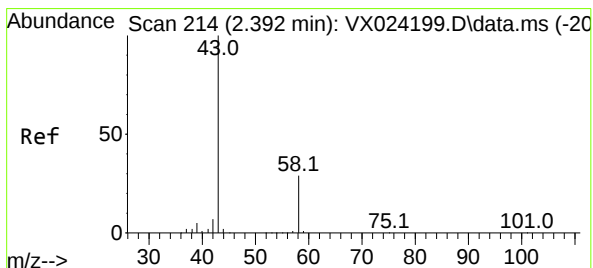
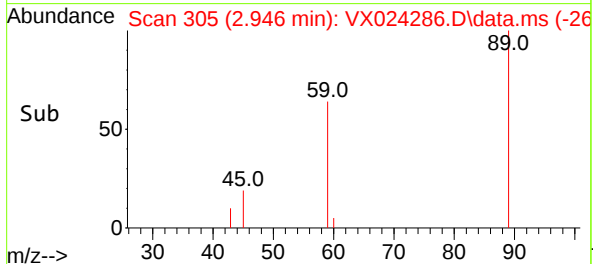
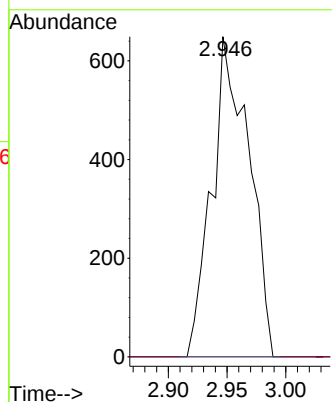
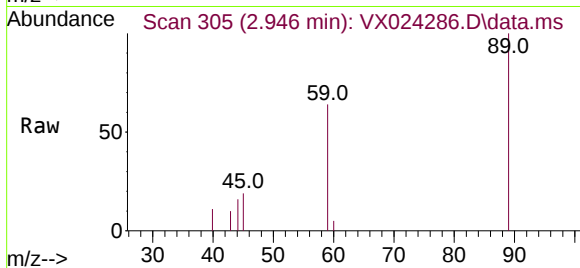


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Instrument :
MSVOA_X
ClientSampled :
IBLK

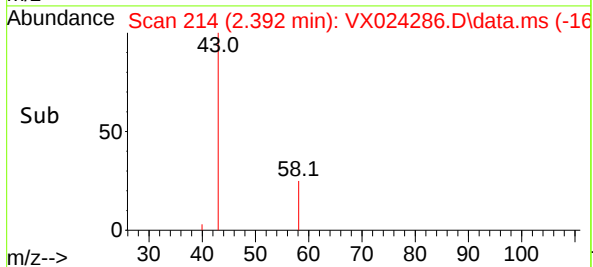
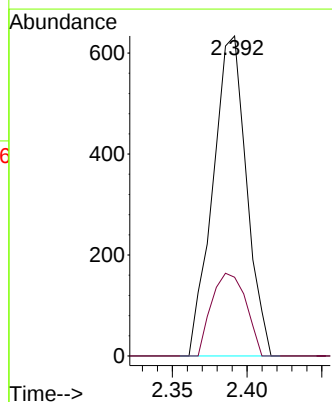
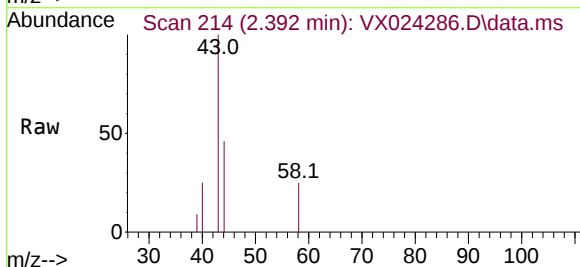
Tgt Ion: 59 Resp: 1428
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

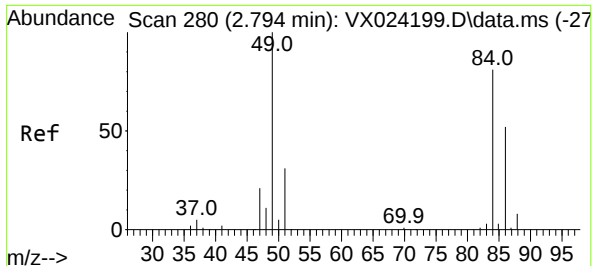


#16

Acetone
Concen: 1.156 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#





#20

Methylene Chloride

Concen: 2.239 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024286.D

Acq: 16 Sep 2021 14:24

Instrument :

MSVOA_X

ClientSampled :

IBLK

Tgt Ion: 84 Resp: 3683

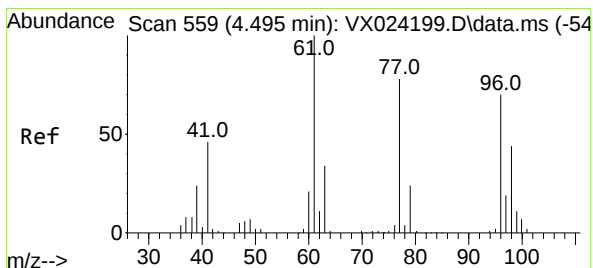
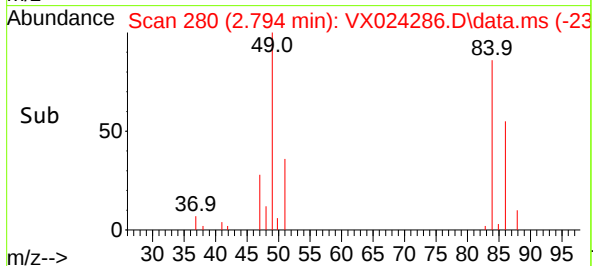
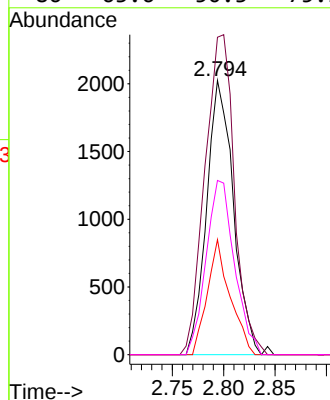
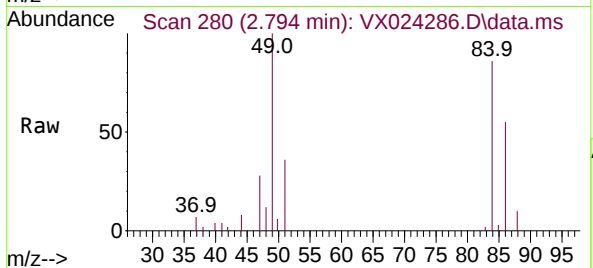
Ion Ratio Lower Upper

84 100

49 115.8 88.6 132.8

51 41.9 27.0 40.6#

86 63.6 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 0.434 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX024286.D

Acq: 16 Sep 2021 14:24

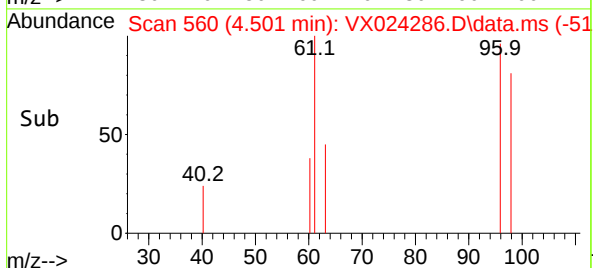
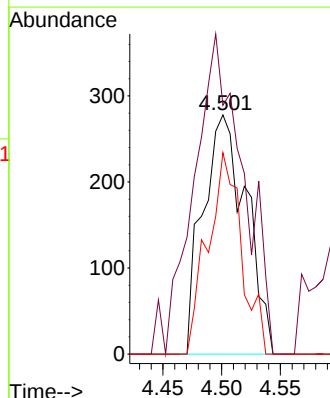
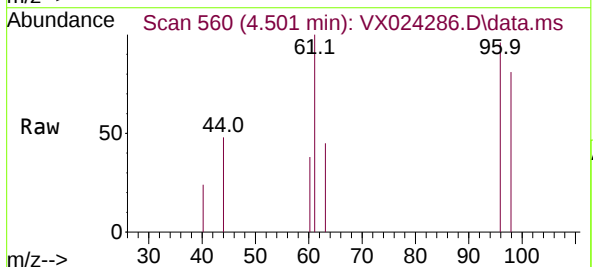
Tgt Ion: 96 Resp: 713

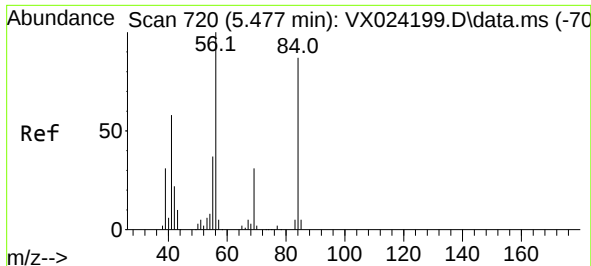
Ion Ratio Lower Upper

96 100

61 153.2 0.0 285.6

98 65.5 0.0 129.6

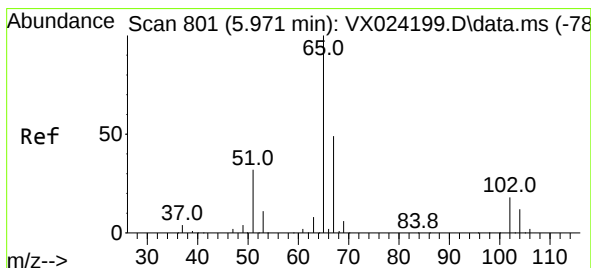
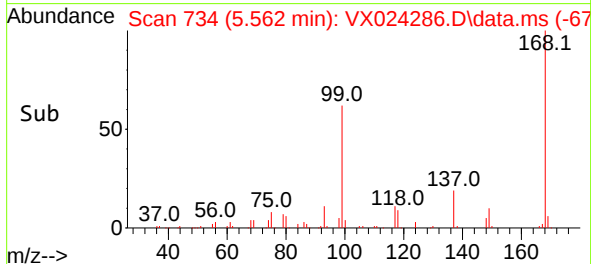
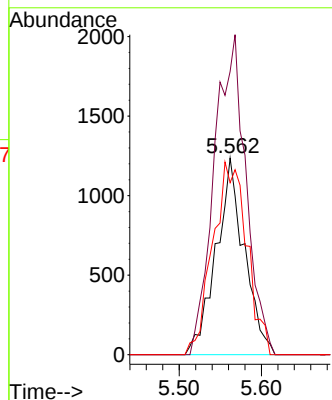
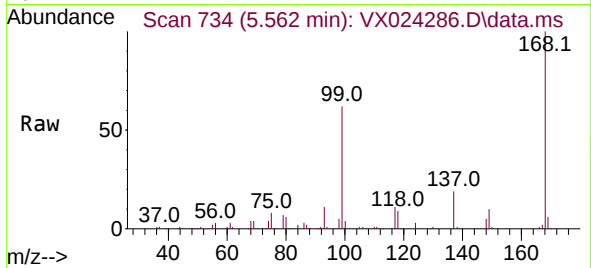




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

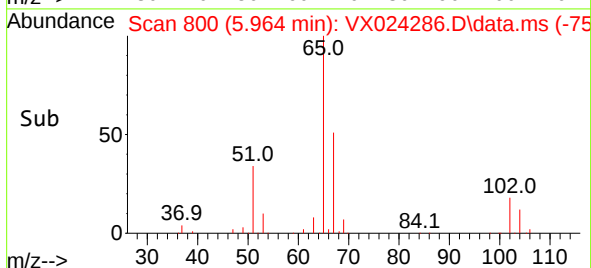
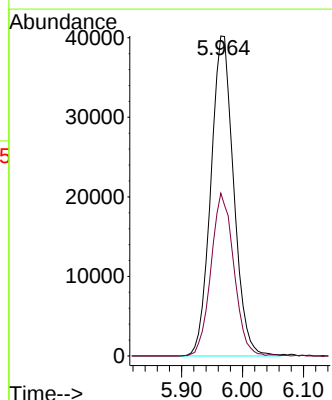
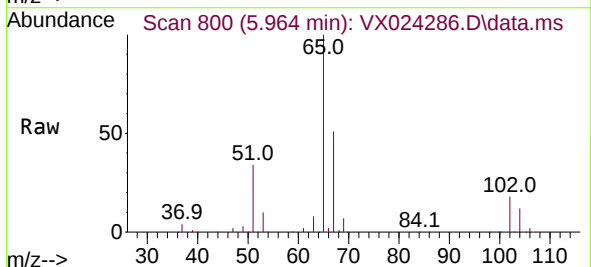
Instrument :
MSVOA_X
ClientSampled :
IBLK

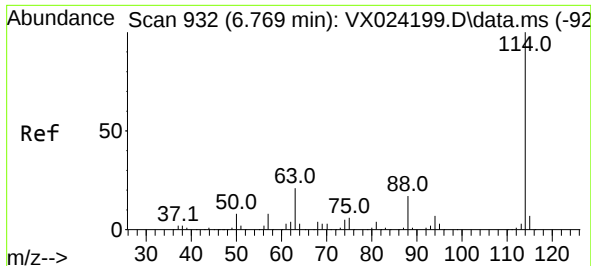
Tgt Ion: 56 Resp: 2956
Ion Ratio Lower Upper
56 100
69 144.0 25.3 37.9#
84 87.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.182 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 65 Resp: 104848
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

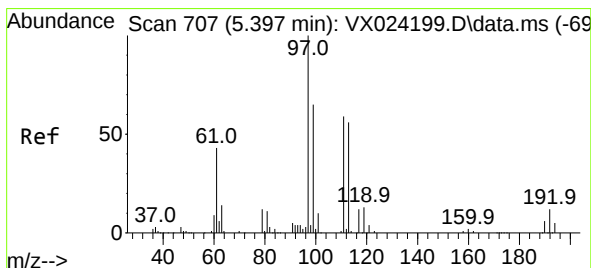
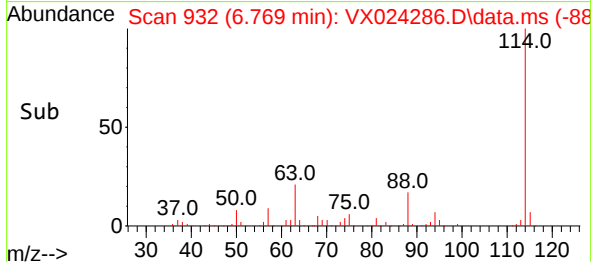
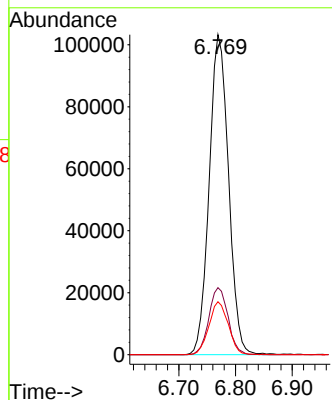
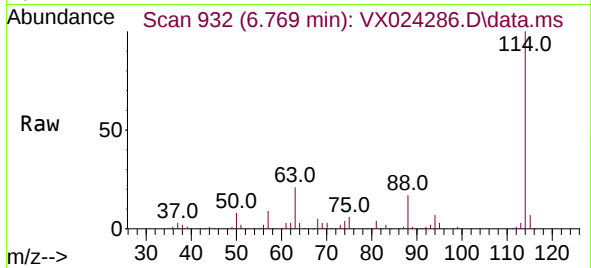




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

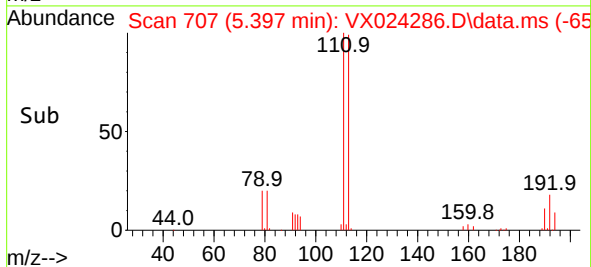
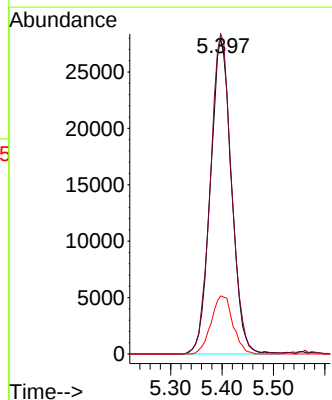
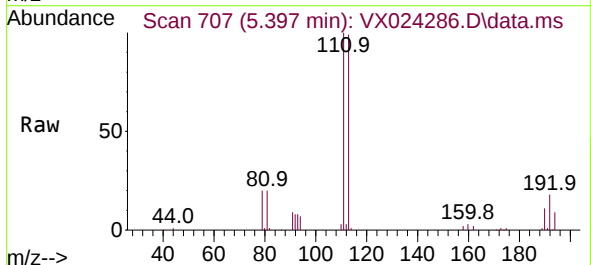
Instrument :
MSVOA_X
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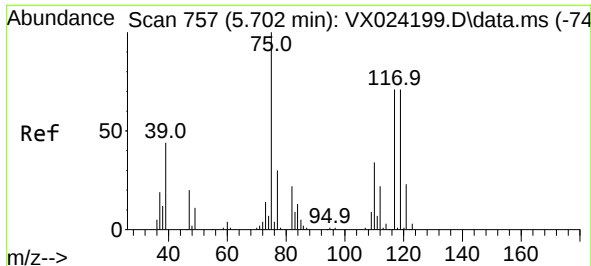
Tgt Ion:114 Resp: 244903
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.284 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion:113 Resp: 79302
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.930 ug/l

RT: 5.556 min Scan# 733

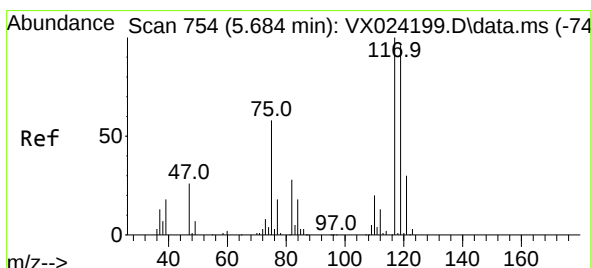
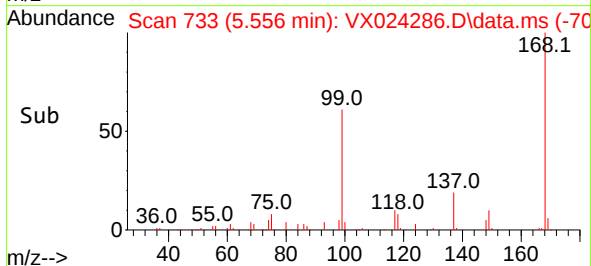
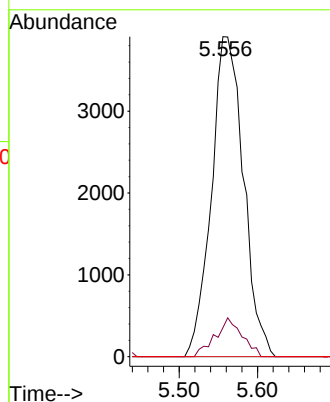
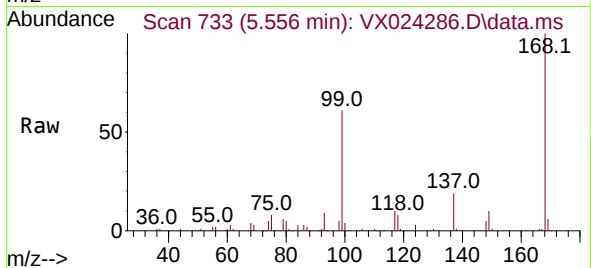
Delta R.T. -0.146 min

Lab File: VX024286.D

Acq: 16 Sep 2021 14:24

Tgt Ion:	75	Resp:	11100
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
IBLK



#38

Carbon Tetrachloride

Concen: 5.883 ug/l

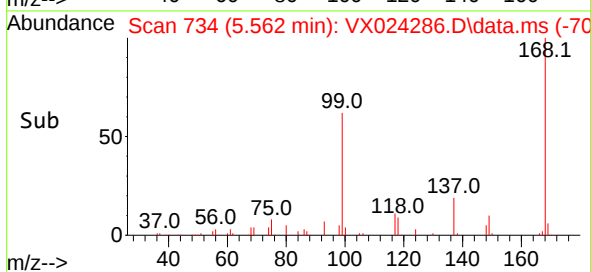
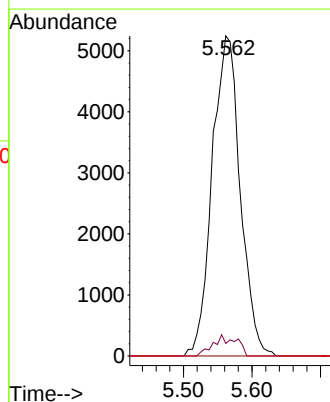
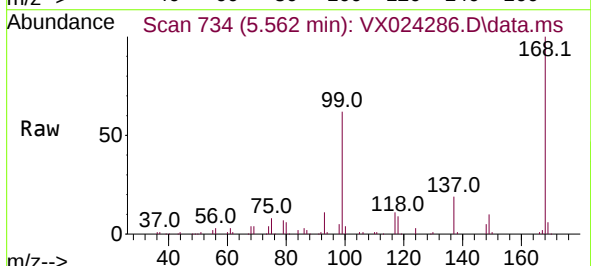
RT: 5.562 min Scan# 734

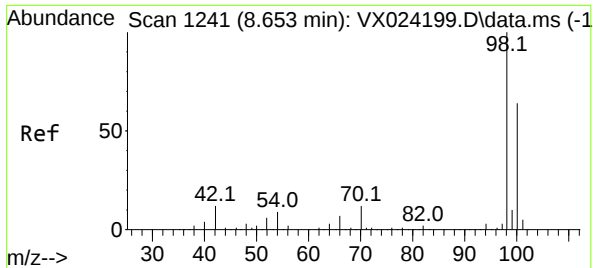
Delta R.T. -0.122 min

Lab File: VX024286.D

Acq: 16 Sep 2021 14:24

Tgt Ion:	117	Resp:	14909
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#

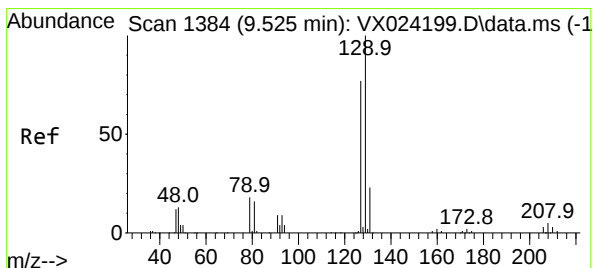
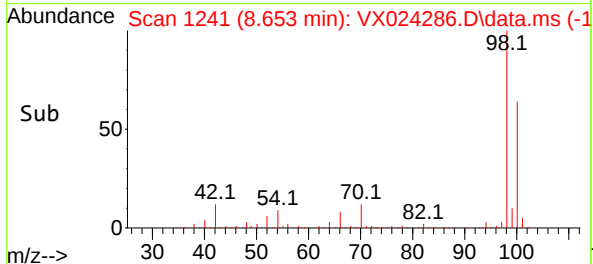
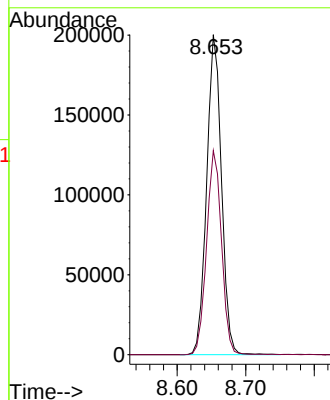
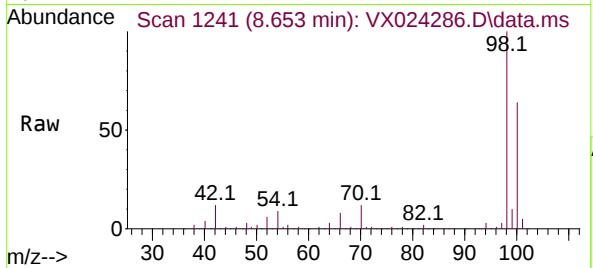




#50
Toluene-d8
Concen: 50.283 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

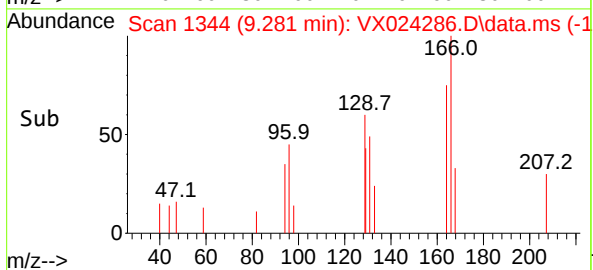
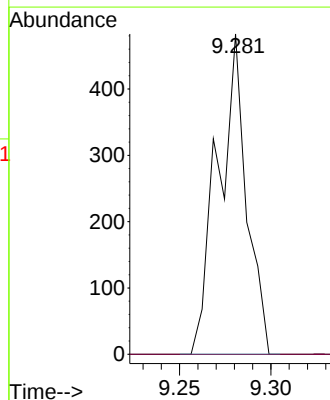
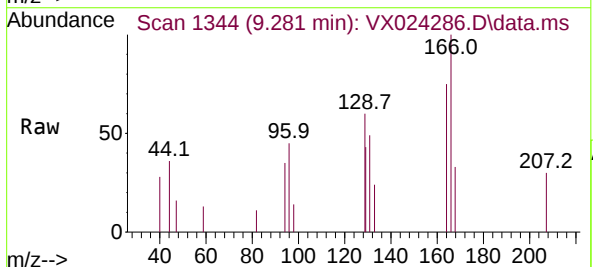
Instrument :
MSVOA_X
ClientSampled :
IBLK

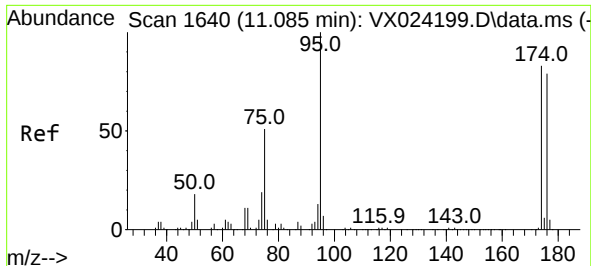
Tgt Ion: 98 Resp: 300855
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#60
Dibromochloromethane
Concen: 1.975 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 129 Resp: 527
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

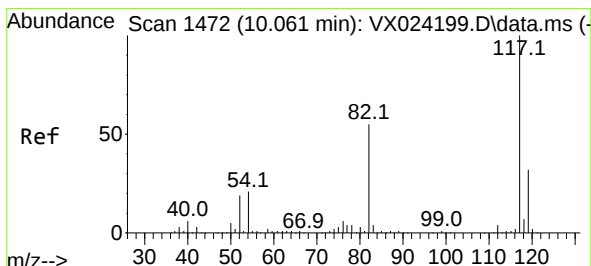
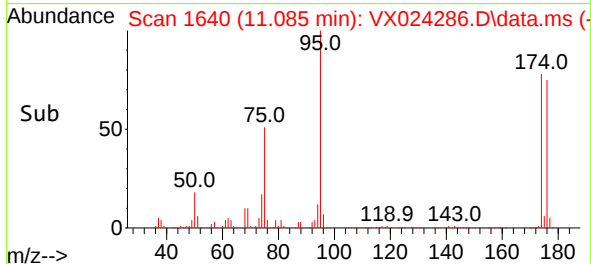
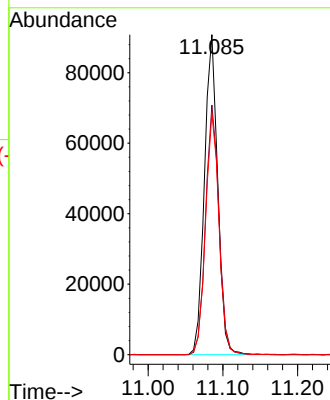
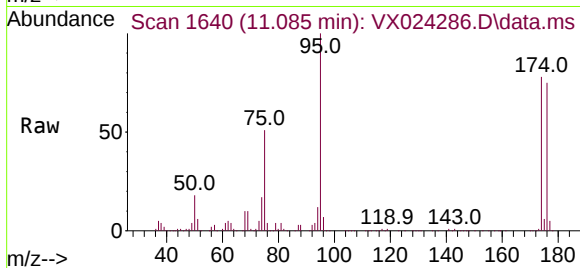




#62
4-Bromofluorobenzene
Concen: 48.101 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

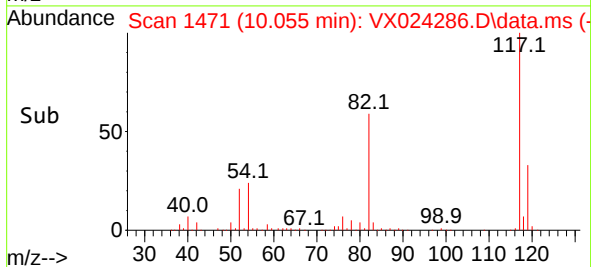
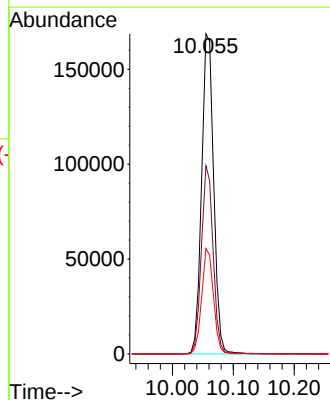
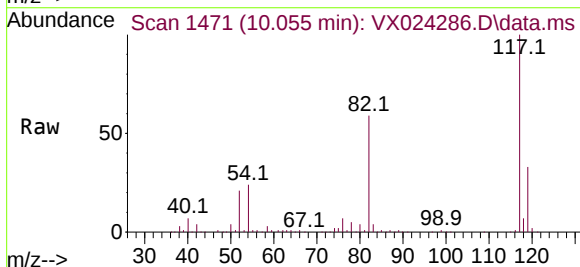
Instrument :
MSVOA_X
ClientSampled :
IBLK

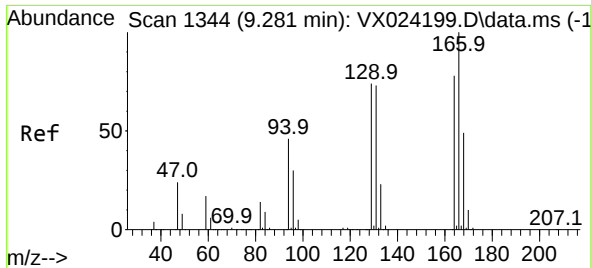
Tgt Ion: 95 Resp: 112003
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 117 Resp: 232415
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.9 26.6 39.8

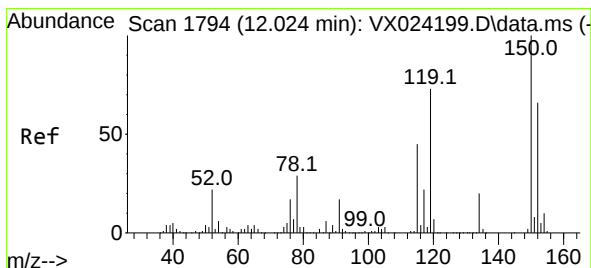
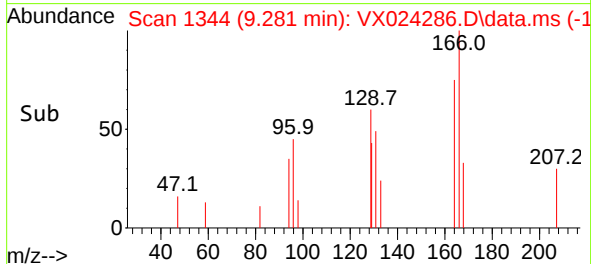
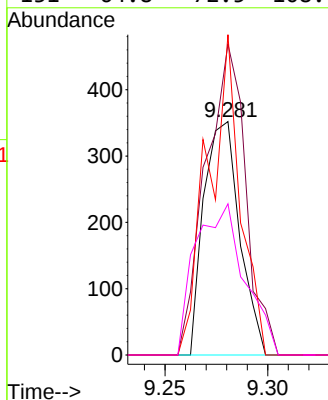
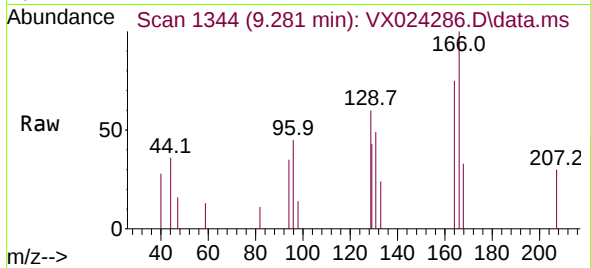




#64
Tetrachloroethene
Concen: 0.237 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

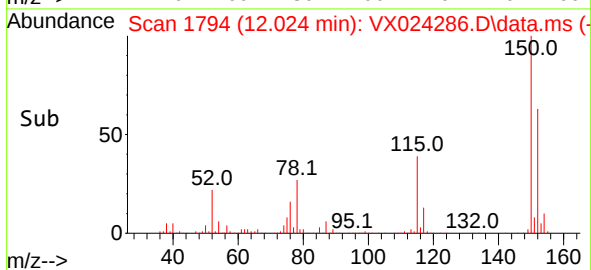
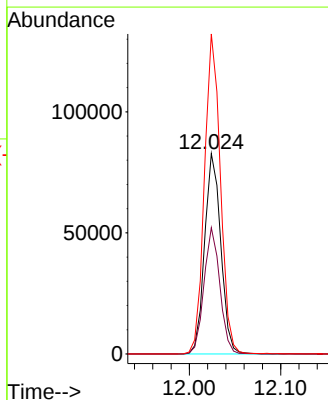
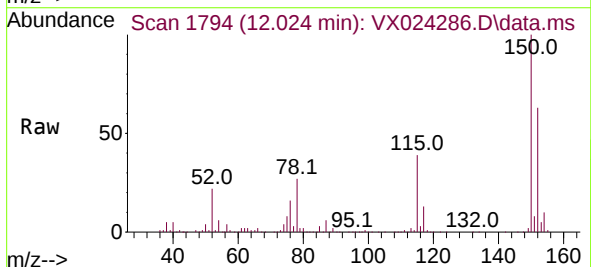
Instrument :
MSVOA_X
ClientSampled :
IBLK

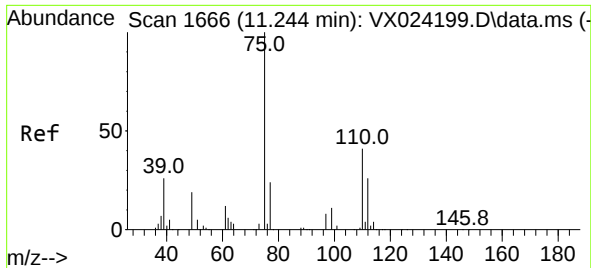
Tgt Ion:164 Resp: 426
Ion Ratio Lower Upper
164 100
166 133.2 103.4 155.2
129 137.2 70.8 106.2#
131 64.8 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion:152 Resp: 101749
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 157.8 0.0 349.0

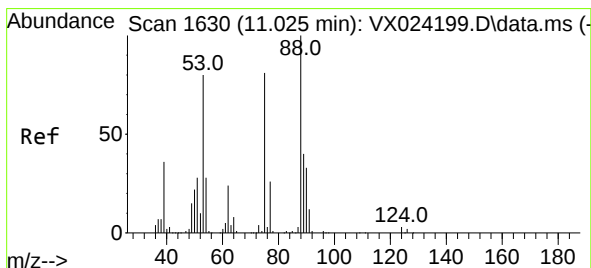
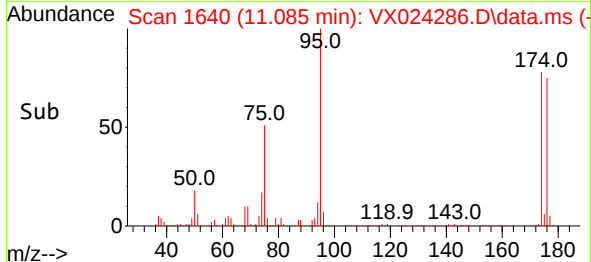
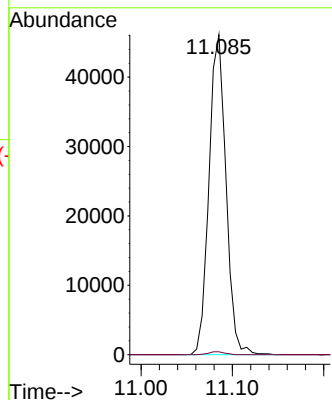
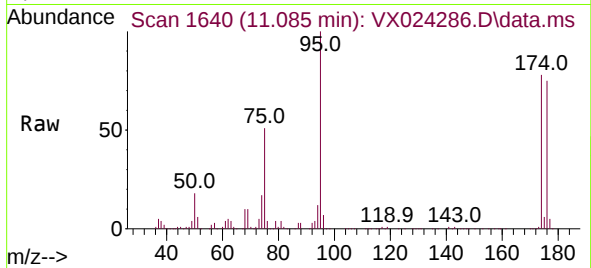




#76
1,2,3-Trichloropropane
Concen: 25.364 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

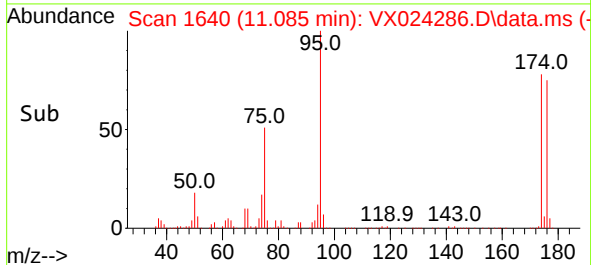
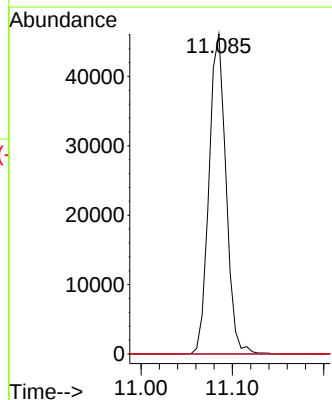
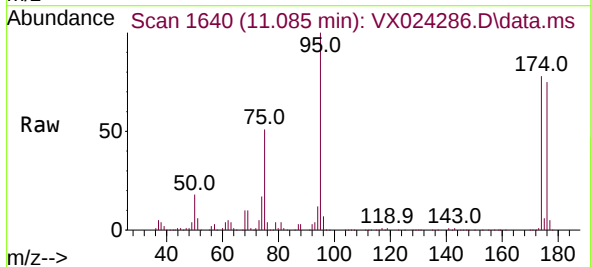
Instrument :
MSVOA_X
ClientSampled :
IBLK

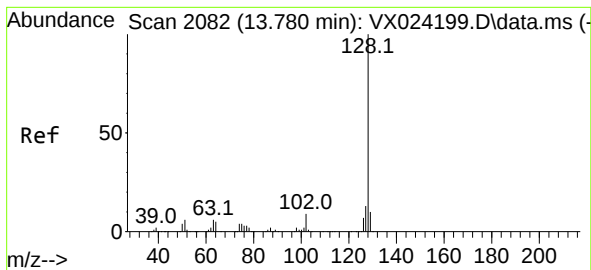
Tgt Ion: 75 Resp: 59342
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.596 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Tgt Ion: 75 Resp: 59342
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.315 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024286.D
Acq: 16 Sep 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	29.7	8.8	13.2#

