

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024298.D
 Acq On : 16 Sep 2021 19:14
 Operator : JC/MD
 Sample : M3774-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 17 04:42:46 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	124672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90966	51.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.340%			
35) Dibromofluoromethane	5.397	113	72938	49.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	8.653	98	265655	49.895	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.800%			
62) 4-Bromofluorobenzene	11.085	95	113288	54.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.360%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	256	0.345	ug/l #	58
6) Chloroethane	1.715	64	299	2.284	ug/l #	43
11) Tert butyl alcohol	2.947	59	328	Below Cal	#	73
16) Acetone	2.392	43	717	0.946	ug/l	97
20) Methylene Chloride	2.794	84	616	0.423	ug/l #	58
29) Tetrahydrofuran	5.032	42	919	1.315	ug/l #	66
31) Cyclohexane	5.568	56	2636	1.268	ug/l #	38
36) 1,1-Dichloropropene	5.562	75	9776	4.879	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13296	5.896	ug/l #	17
41) Methacrylonitrile	5.038	41	669	0.537	ug/l #	33
51) 4-Methyl-2-Pentanone	8.659	43	1320	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	60086	25.408	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60086	74.725	ug/l #	12
95) Naphthalene	13.780	128	112	1.302	ug/l #	69

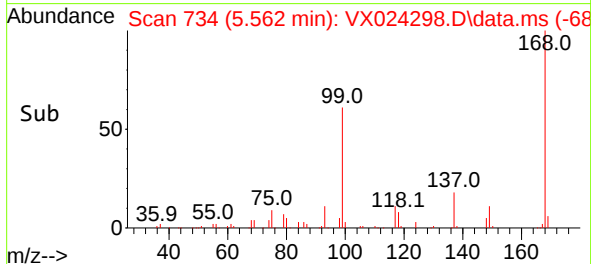
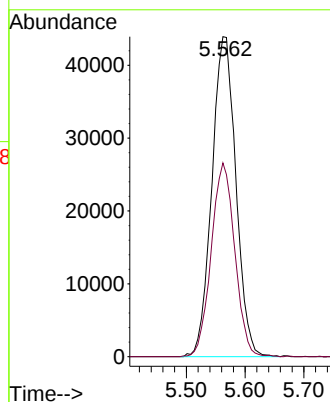
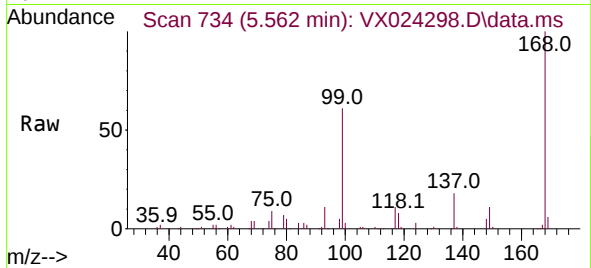
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

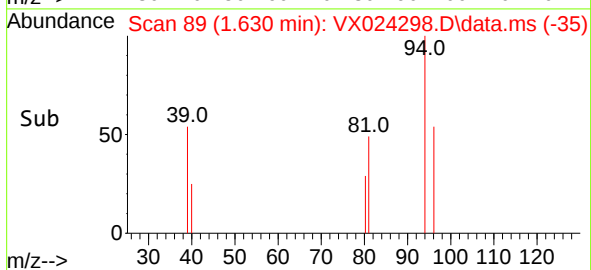
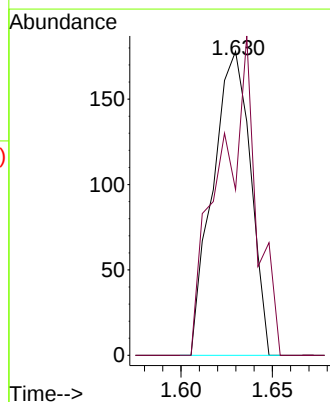
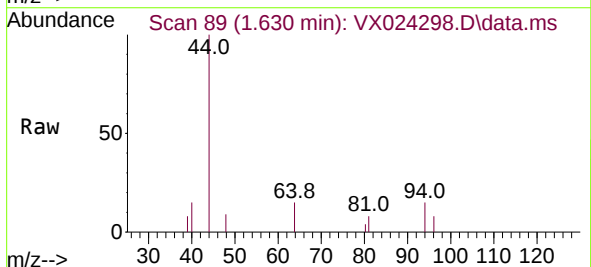
Instrument :
MSVOA_X
ClientSampleId :
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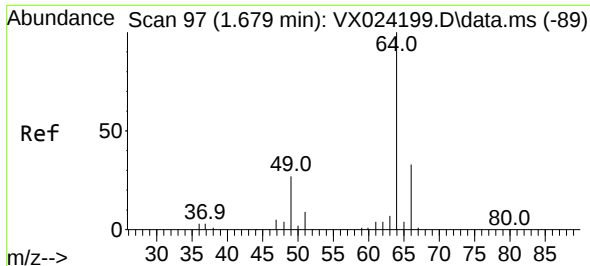
Tgt Ion:168 Resp: 124672
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#5
Bromomethane
Concen: 0.345 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 54.5 76.4 114.6#

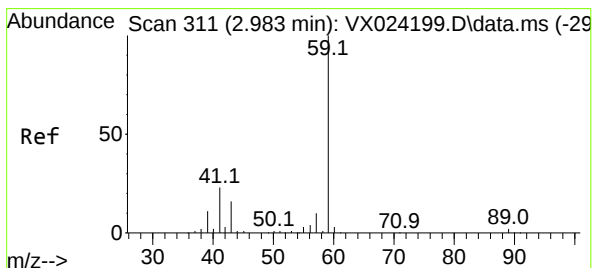
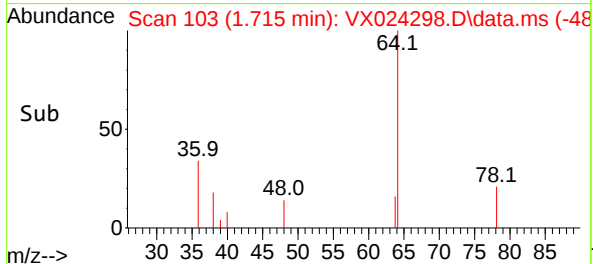
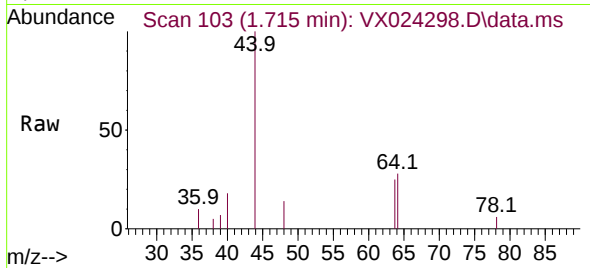




#6
Chloroethane
Concen: 2.284 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

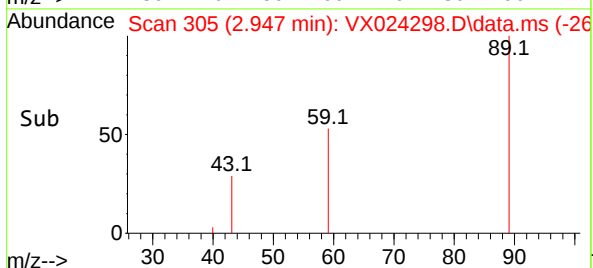
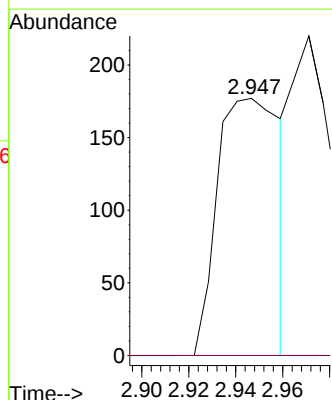
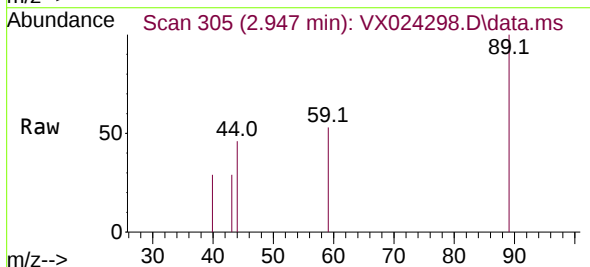
Instrument :
MSVOA_X
ClientSampled :
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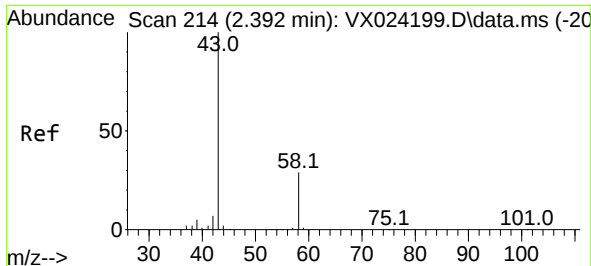
Tgt Ion: 64 Resp: 299
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

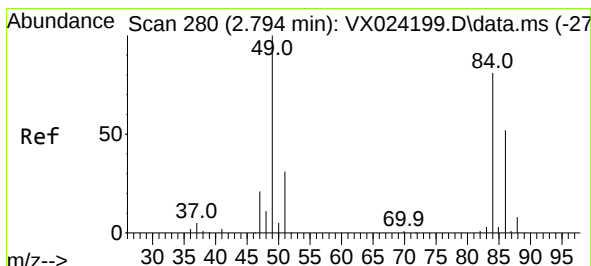
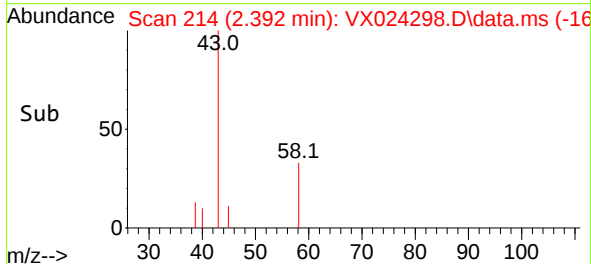
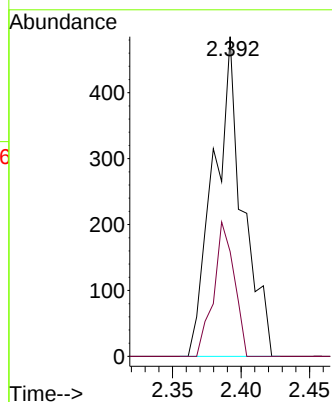
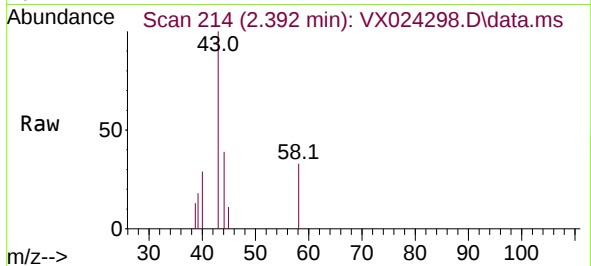




#16
Acetone
Concen: 0.946 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

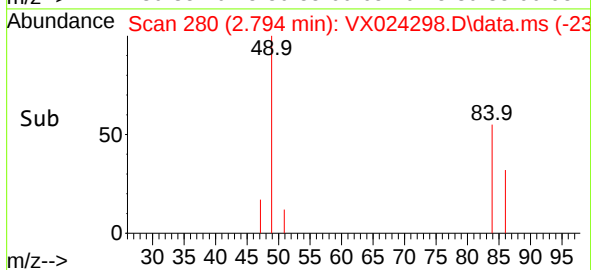
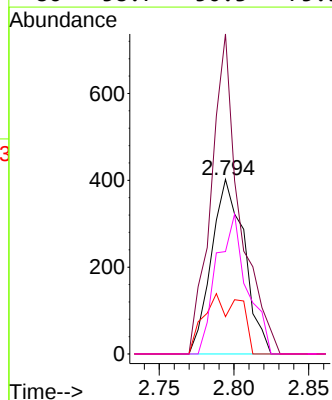
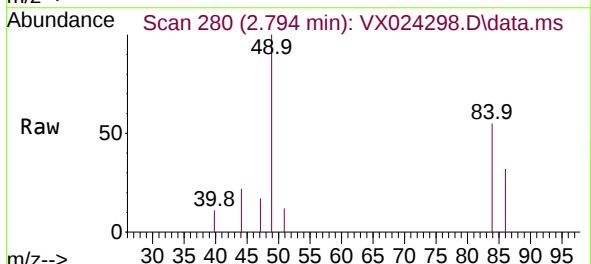
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

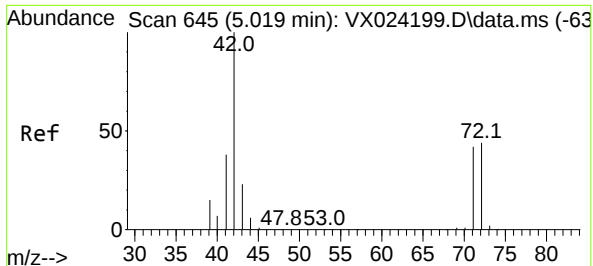
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.423 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 84 Resp: 616
Ion Ratio Lower Upper
84 100
49 183.3 88.6 132.8#
51 21.4 27.0 40.6#
86 58.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.315 ug/l

RT: 5.032 min Scan# 647

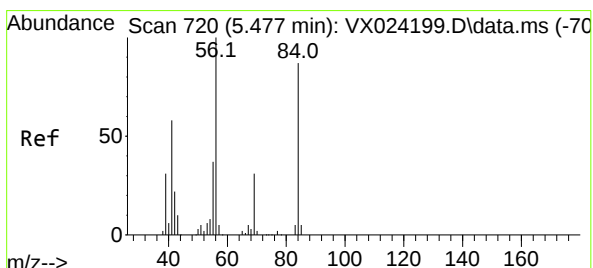
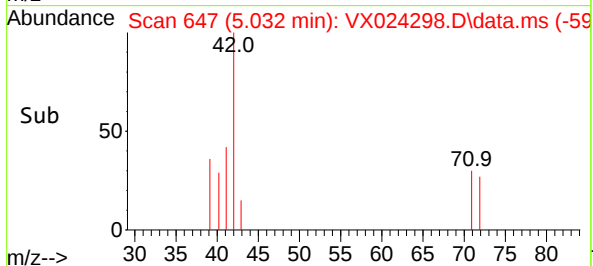
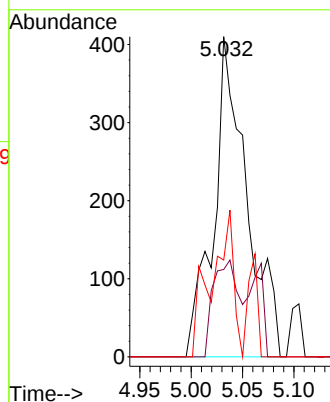
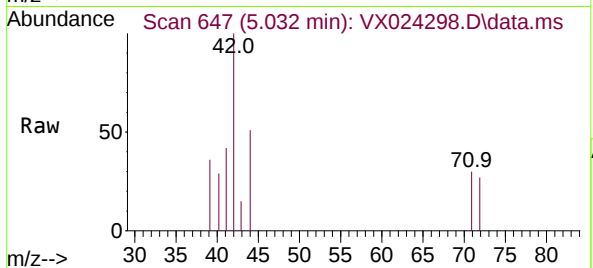
Delta R.T. 0.013 min

Lab File: VX024298.D

Acq: 16 Sep 2021 19:14

Tgt Ion:	42	Resp:	919
Ion	Ratio	Lower	Upper
42	100		
72	23.2	41.7	62.5#
71	30.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



#31

Cyclohexane

Concen: 1.268 ug/l

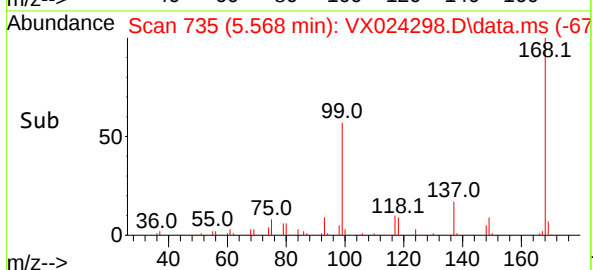
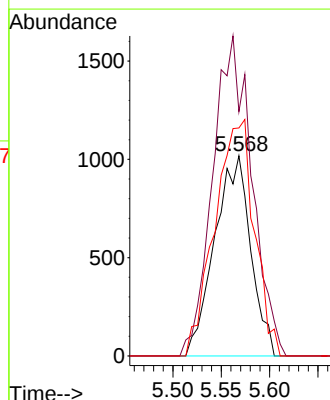
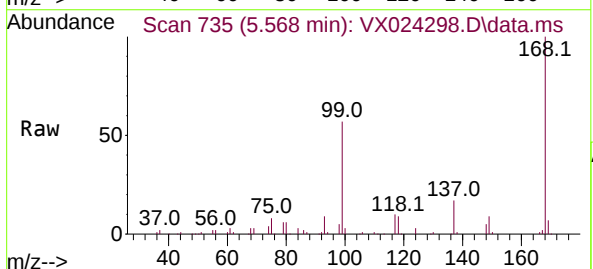
RT: 5.568 min Scan# 735

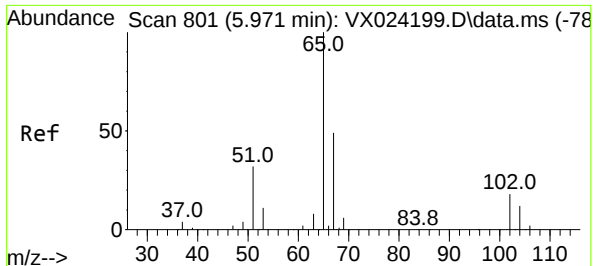
Delta R.T. 0.091 min

Lab File: VX024298.D

Acq: 16 Sep 2021 19:14

Tgt Ion:	56	Resp:	2636
Ion	Ratio	Lower	Upper
56	100		
69	122.1	25.3	37.9#
84	113.9	71.4	107.0#

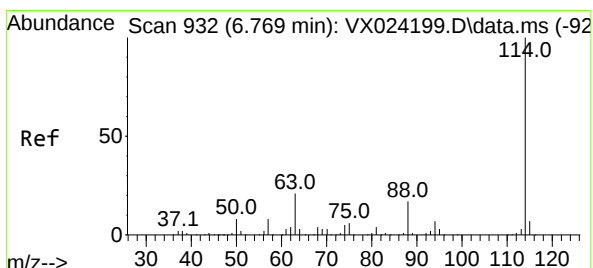
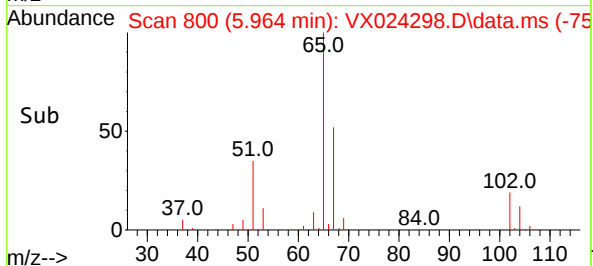
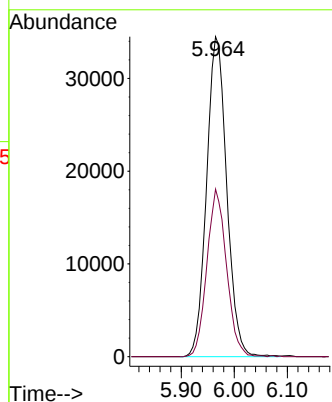
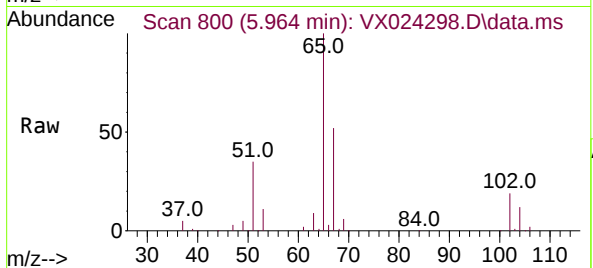




#33
1,2-Dichloroethane-d4
Concen: 51.168 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

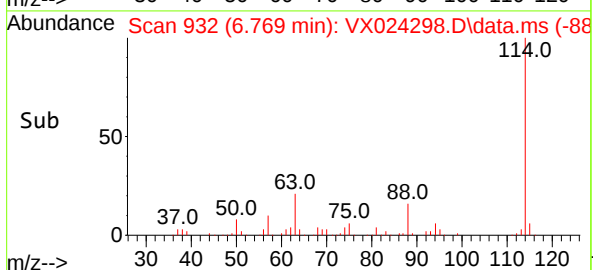
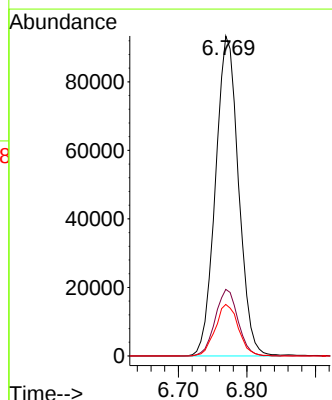
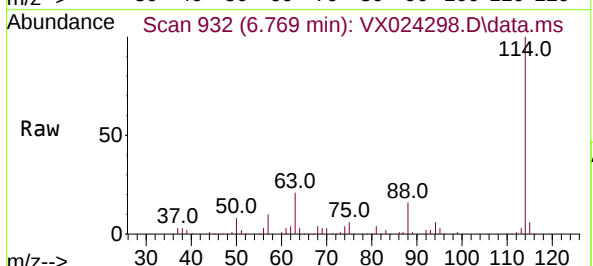
Instrument :
MSVOA_X
ClientSampleId :
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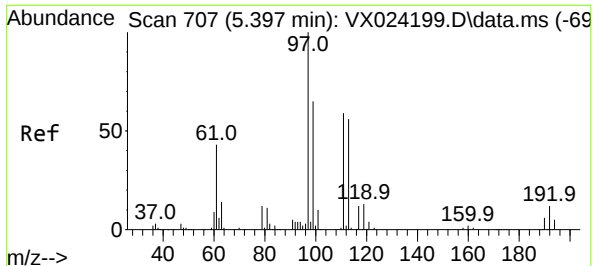
Tgt Ion: 65 Resp: 90966
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 114 Resp: 217927
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.906 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024298.D

Acq: 16 Sep 2021 19:14

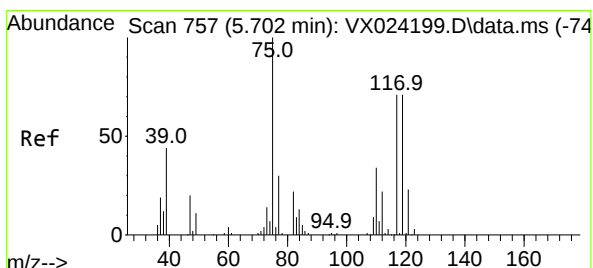
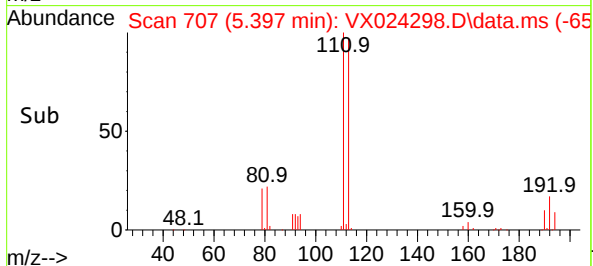
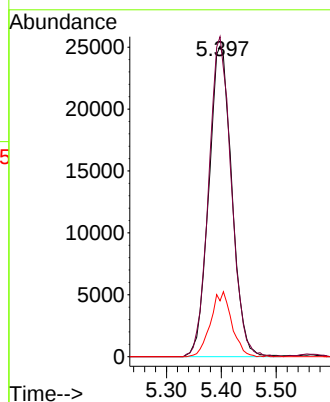
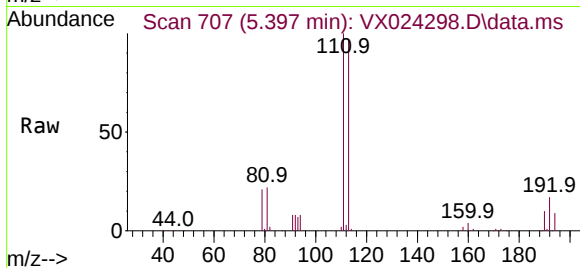
Tgt Ion:113 Resp: 72938

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 19.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.879 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024298.D

Acq: 16 Sep 2021 19:14

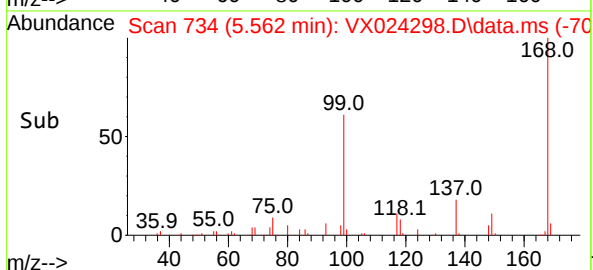
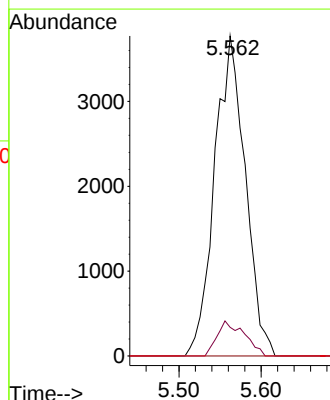
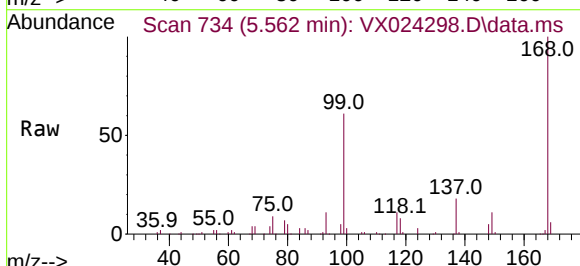
Tgt Ion: 75 Resp: 9776

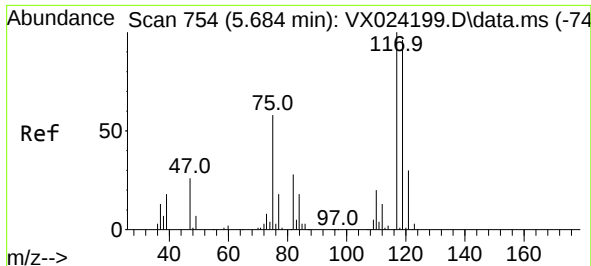
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

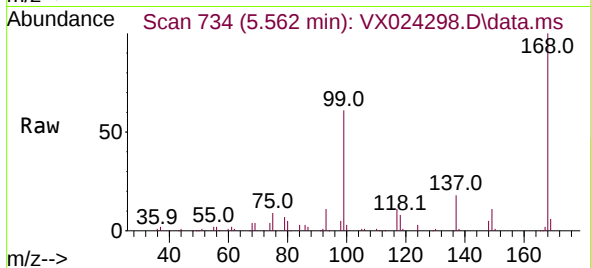
77 0.0 25.3 37.9#



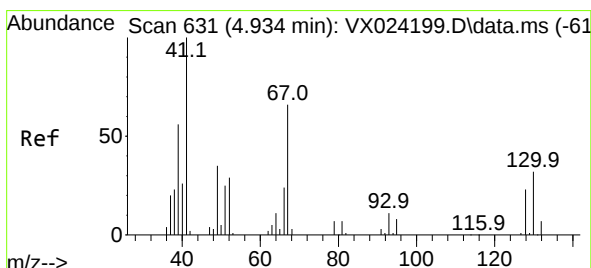
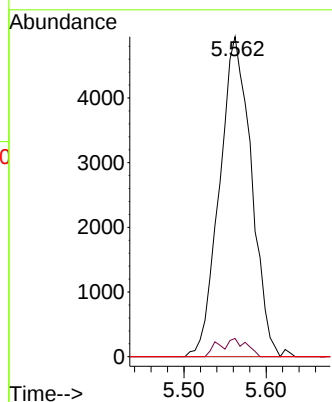
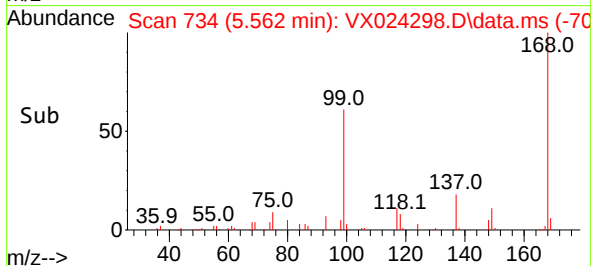


#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

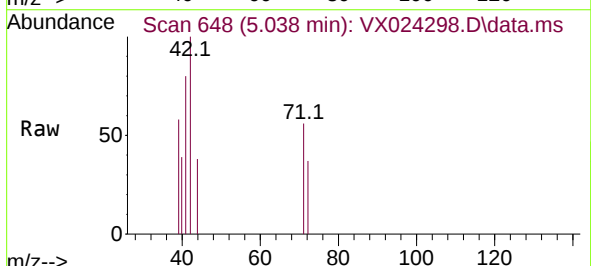
Instrument :
MSVOA_X
ClientSampleId :
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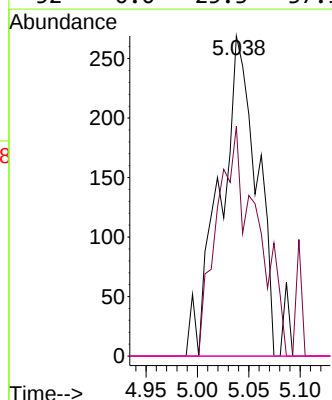
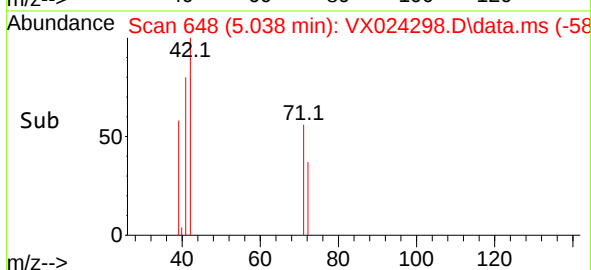
Tgt Ion: 117 Resp: 13296
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

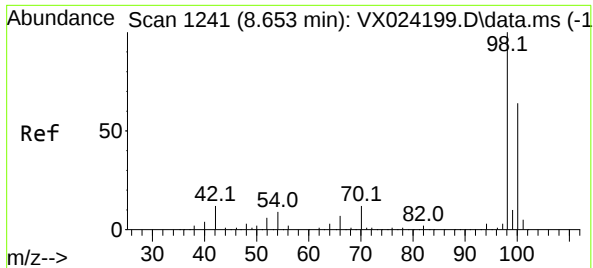


#41
Methacrylonitrile
Concen: 0.537 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.104 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14



Tgt Ion: 41 Resp: 669
Ion Ratio Lower Upper
41 100
39 78.5 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

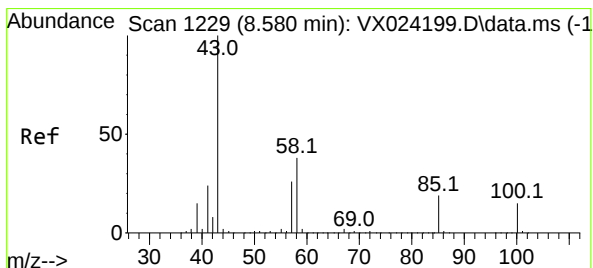
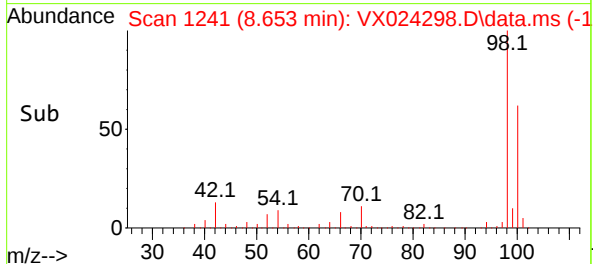
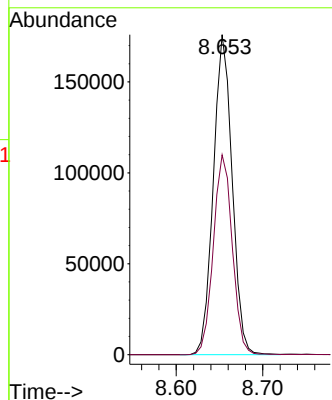
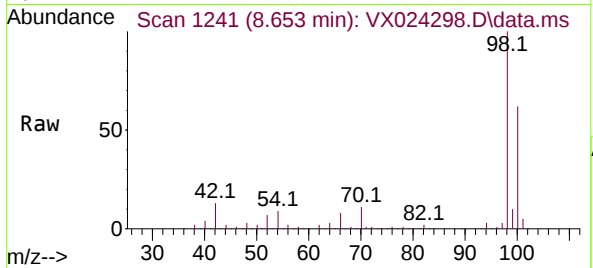




#50
Toluene-d8
Concen: 49.895 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

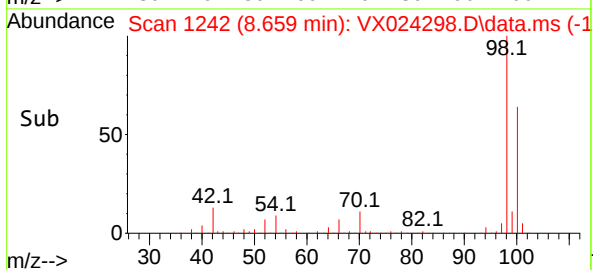
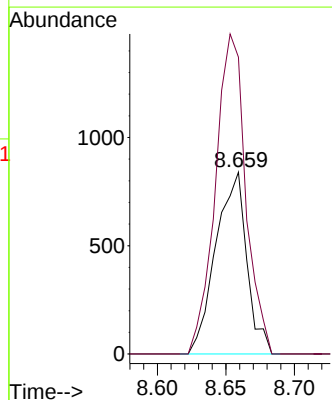
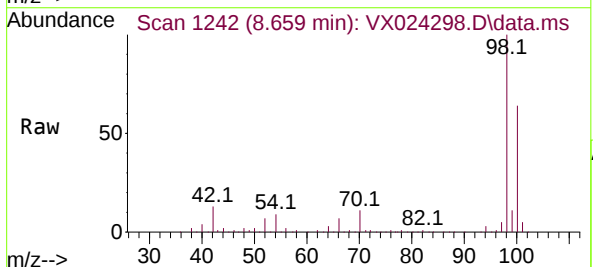
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

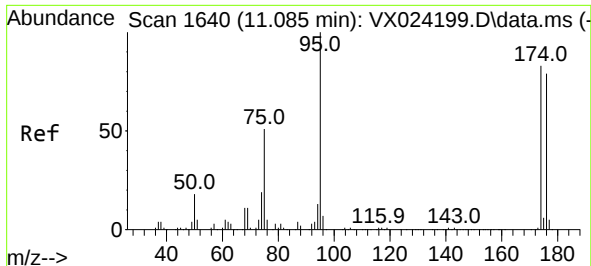
Tgt Ion: 98 Resp: 265655
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 172.6 35.4 53.0#

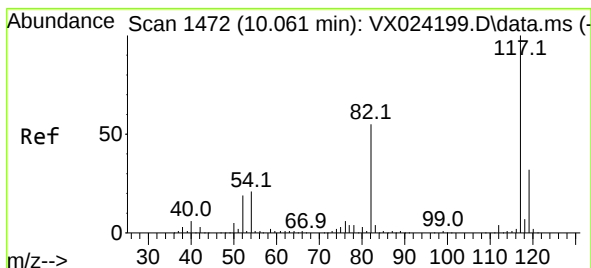
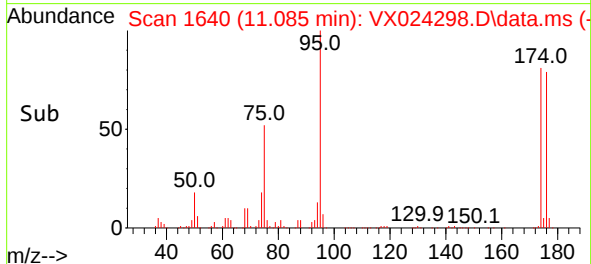
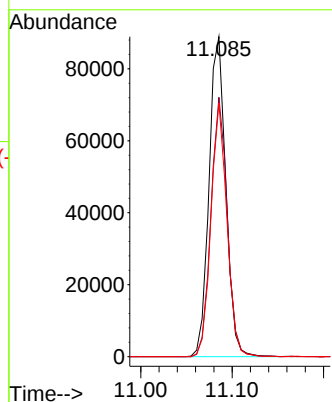
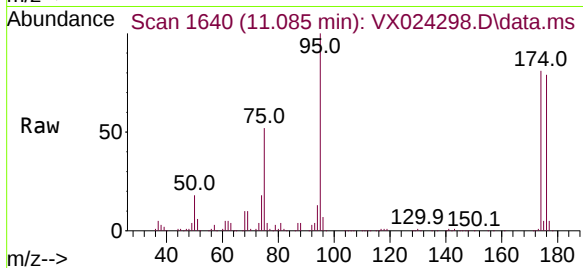




#62
4-Bromofluorobenzene
Concen: 54.675 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

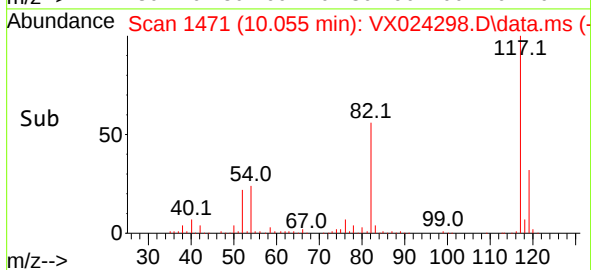
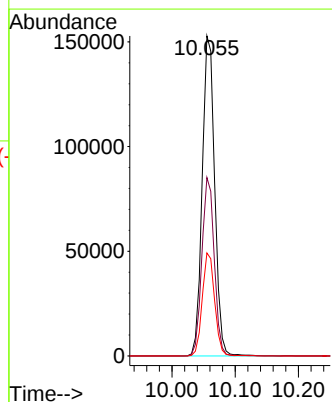
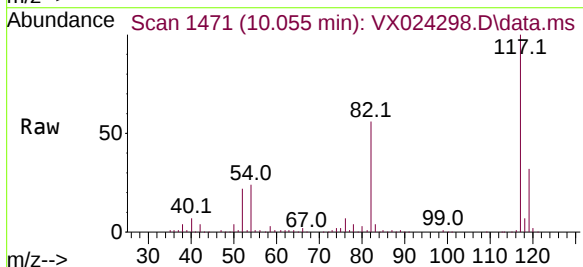
Instrument :
MSVOA_X
ClientSampleId :
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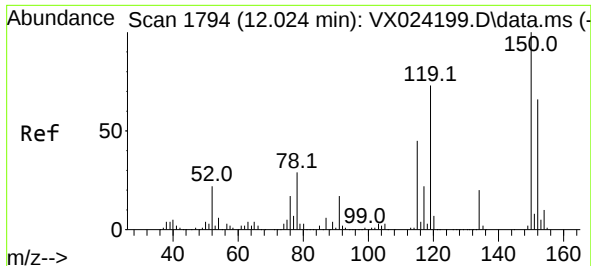
Tgt Ion: 95 Resp: 113288
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 75.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 117 Resp: 209939
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 32.2 26.6 39.8

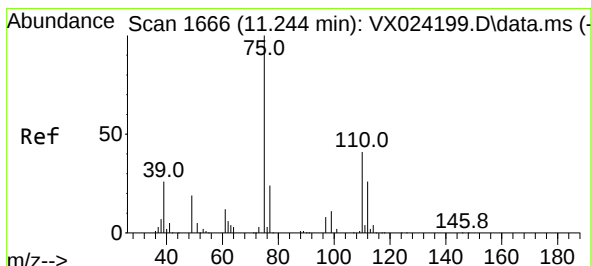
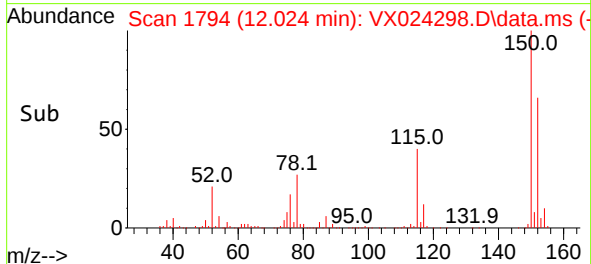
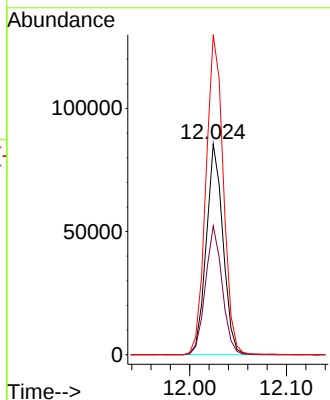
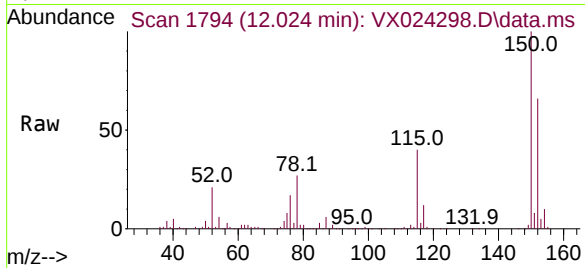




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

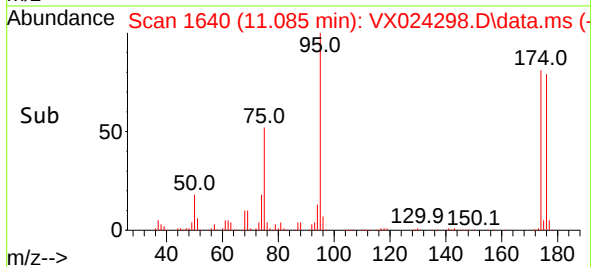
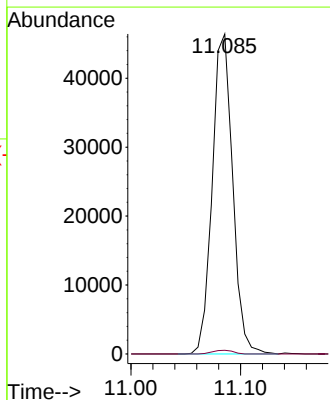
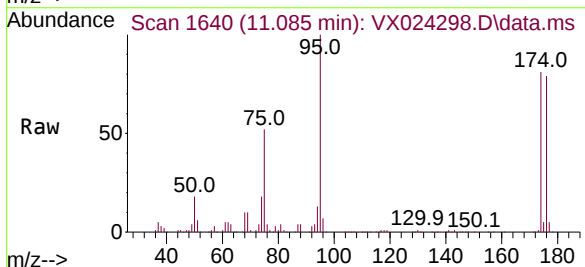
Instrument :
MSVOA_X
ClientSampleId :
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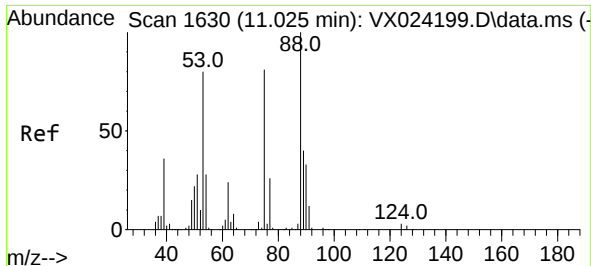
Tgt Ion:152 Resp: 102846
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 157.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.408 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 75 Resp: 60086
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

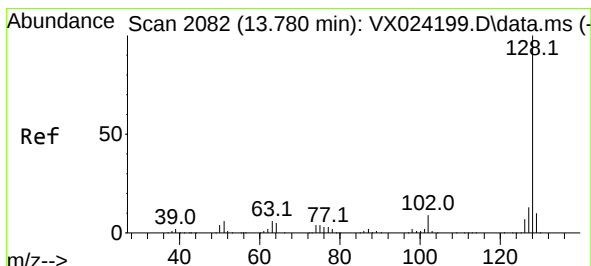
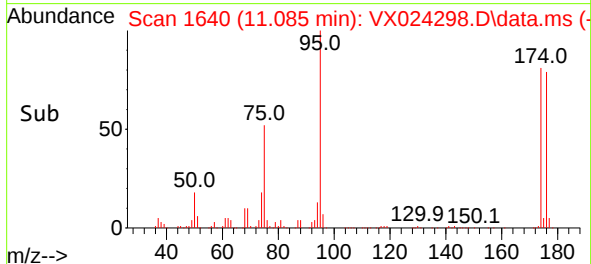
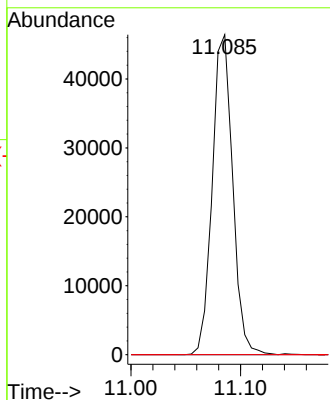
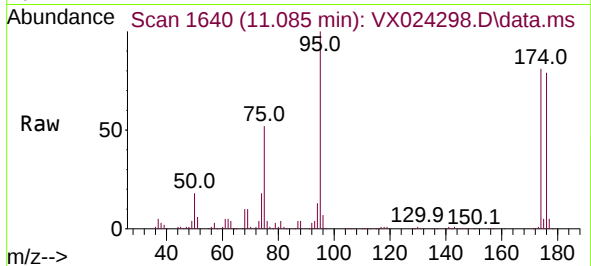




#81
trans-1,4-Dichloro-2-butene
Concen: 74.725 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 60086
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024298.D
Acq: 16 Sep 2021 19:14

Tgt Ion: 128 Resp: 112
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

