

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024311.D
 Acq On : 17 Sep 2021 15:57
 Operator : JC/MD
 Sample : M3791-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 17 16:20:13 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)

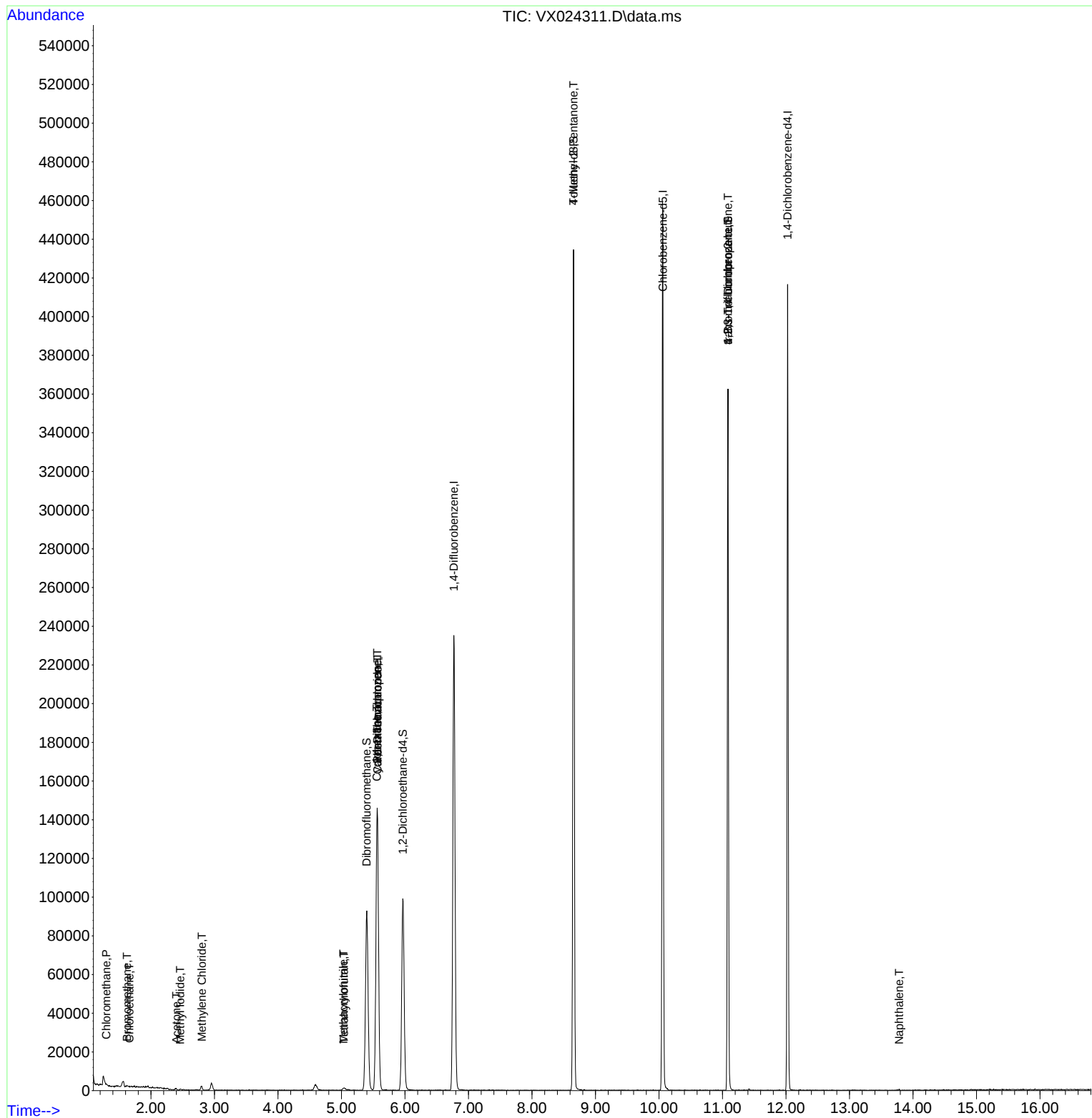
Internal Standards						
1) Pentafluorobenzene	5.562	168	134996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	207198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101418	52.685	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.360%		
35) Dibromofluoromethane	5.397	113	79536	50.165	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.340%		
50) Toluene-d8	8.653	98	245923	42.578	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 85.160%#		
62) 4-Bromofluorobenzene	11.085	95	86829	38.629	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 77.260%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	283	0.209	ug/l #	75
5) Bromomethane	1.624	94	478	0.595	ug/l #	55
6) Chloroethane	1.660	64	110	2.099	ug/l #	43
10) Methyl Iodide	2.459	142	561	0.305	ug/l #	90
11) Tert butyl alcohol	2.953	59	2366	Below Cal	#	73
16) Acetone	2.398	43	824	1.004	ug/l	98
20) Methylene Chloride	2.800	84	872	0.553	ug/l #	93
29) Tetrahydrofuran	5.038	42	644	0.851	ug/l #	76
31) Cyclohexane	5.556	56	3048	1.354	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	10662	4.905	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14372	5.875	ug/l #	17
41) Methacrylonitrile	5.032	41	728	0.539	ug/l #	40
51) 4-Methyl-2-Pentanone	8.653	43	1198	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	47309	25.603	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	47309	75.300	ug/l #	12
95) Naphthalene	13.780	128	406	1.356	ug/l #	77

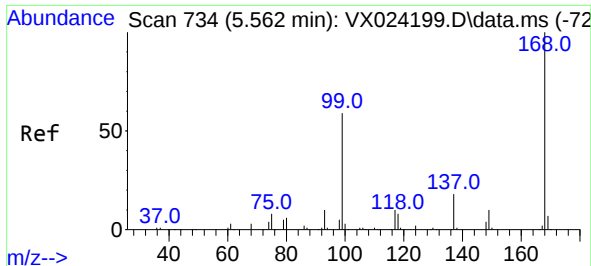
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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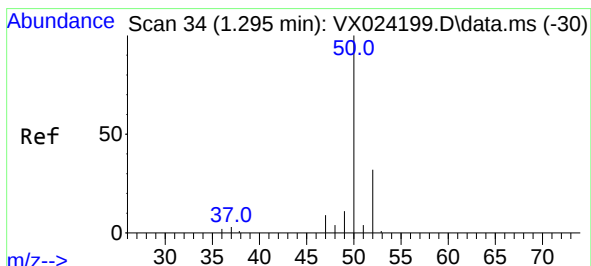
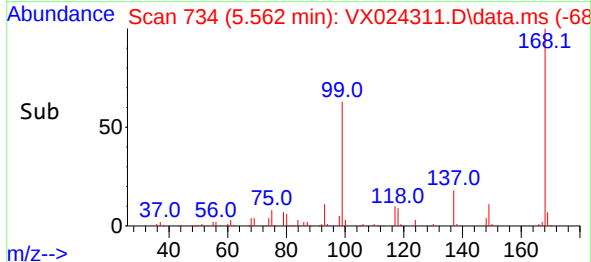
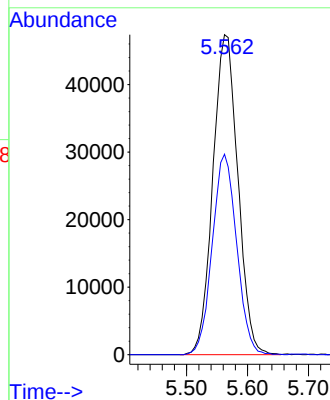
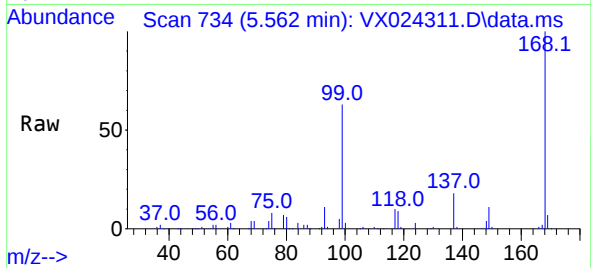




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

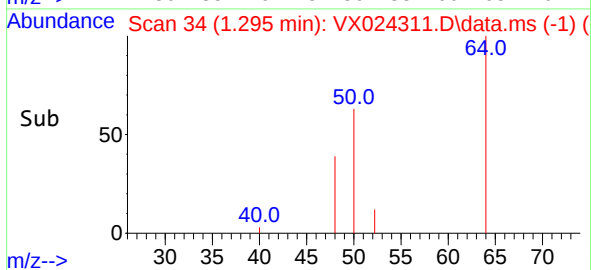
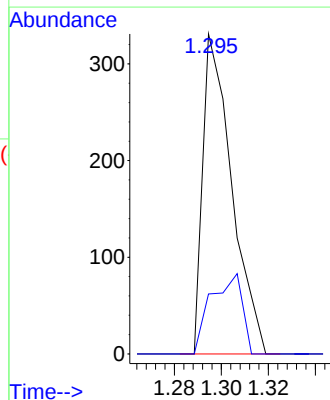
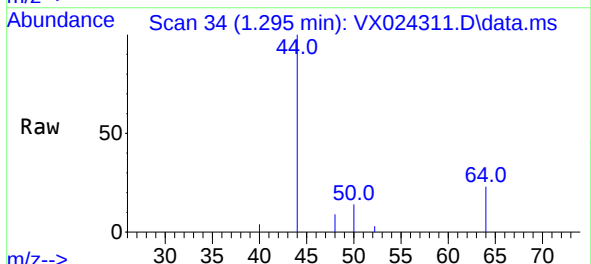
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

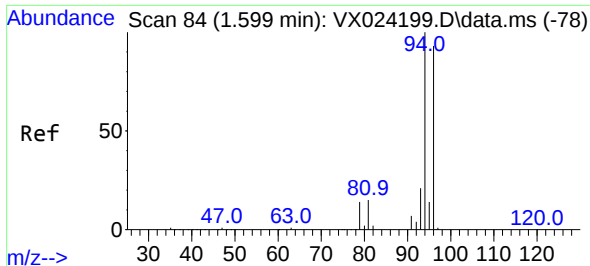
Tgt Ion:168 Resp: 134996
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 18.7 26.4 39.6#

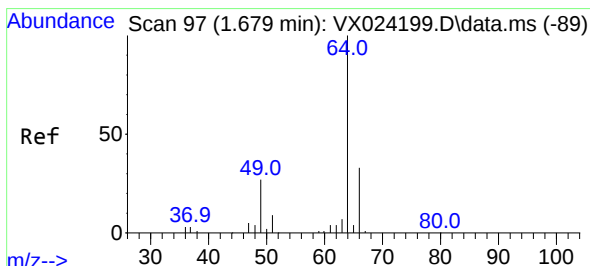
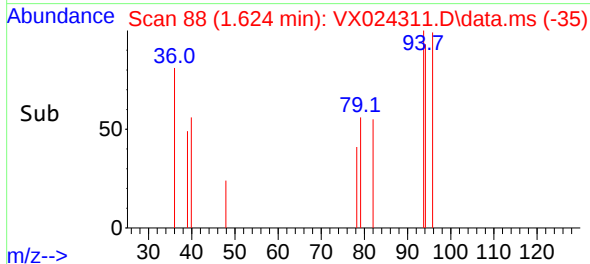
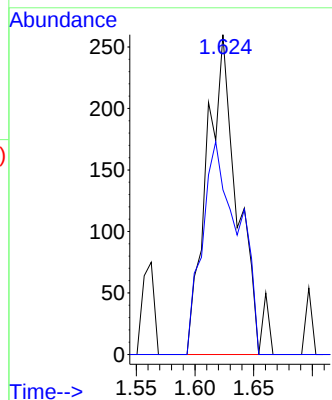
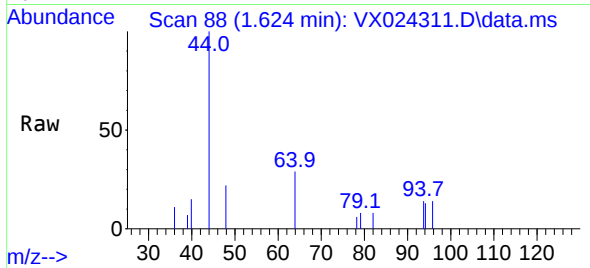




#5
Bromomethane
Concen: 0.595 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

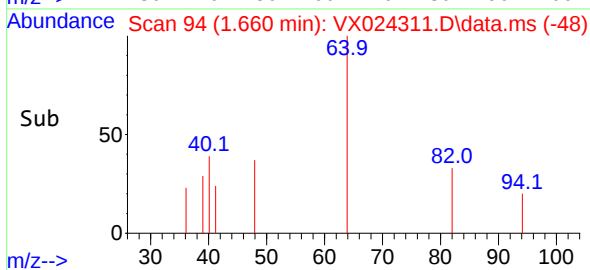
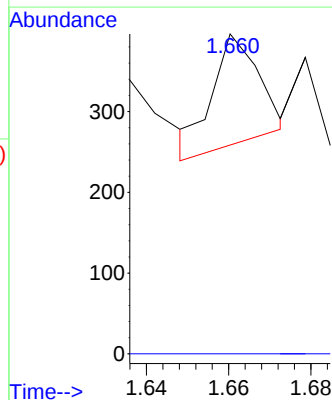
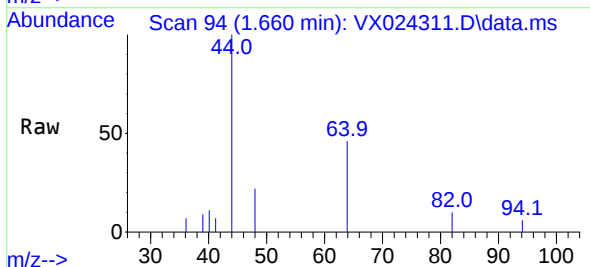
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

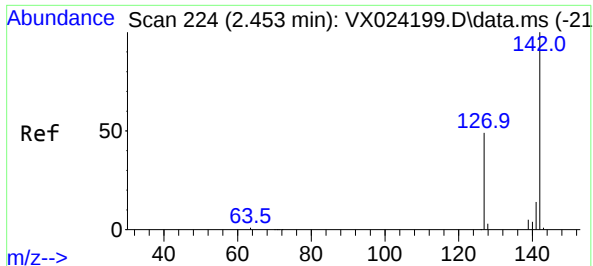
Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 51.5 76.4 114.6#



#6
Chloroethane
Concen: 2.099 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

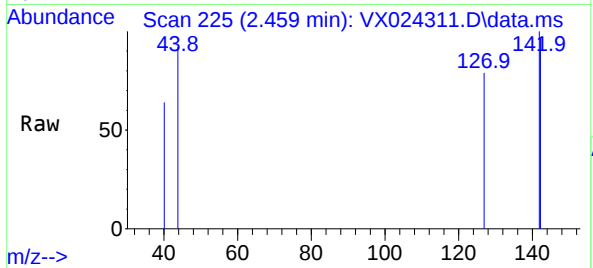
Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



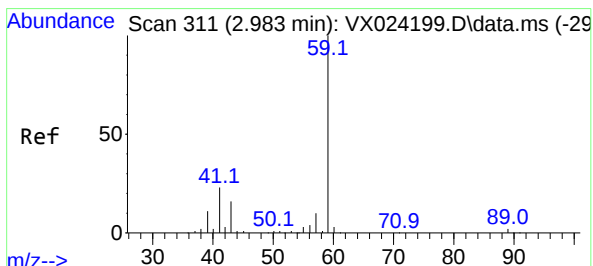
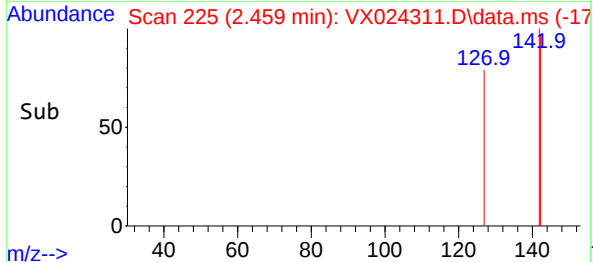
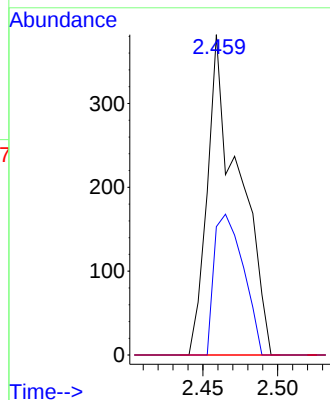


#10
Methyl Iodide
Concen: 0.305 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

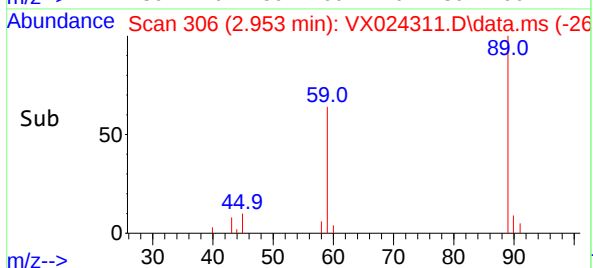
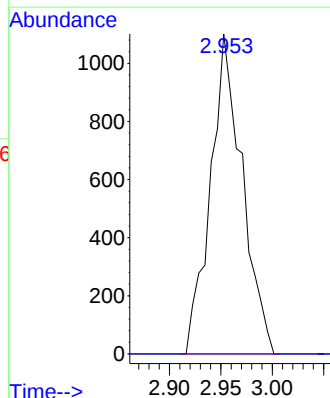
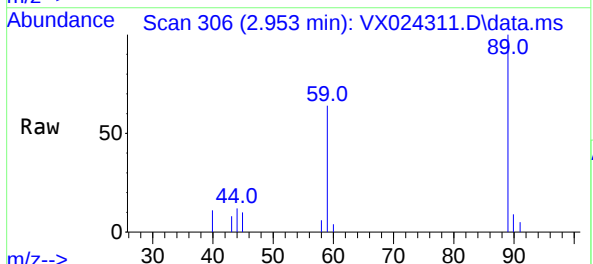


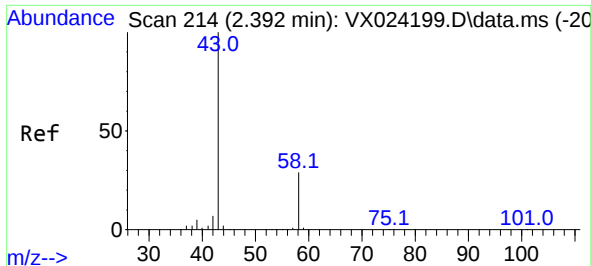
Tgt Ion:142 Resp: 561
Ion Ratio Lower Upper
142 100
127 40.8 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 59 Resp: 2366
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

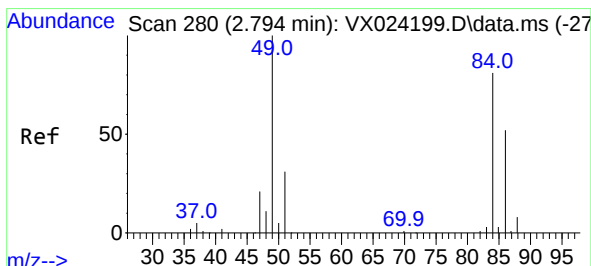
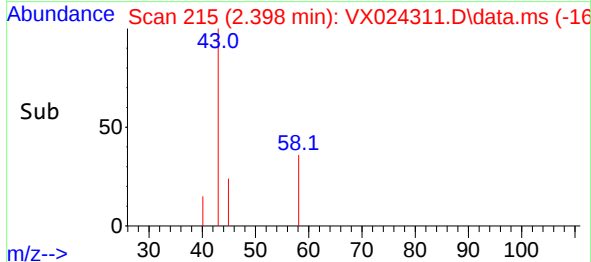
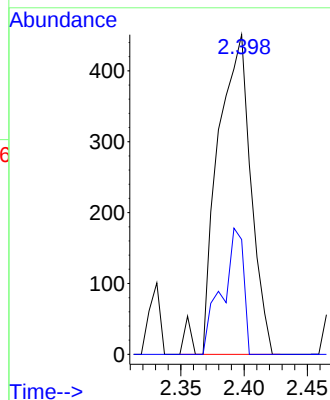
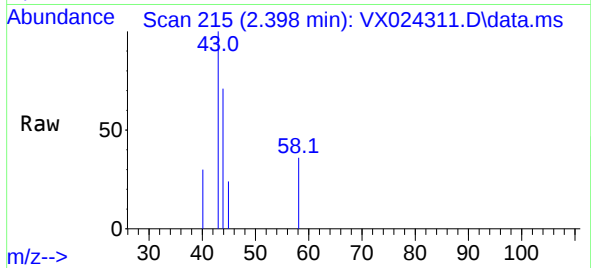




#16
Acetone
Concen: 1.004 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

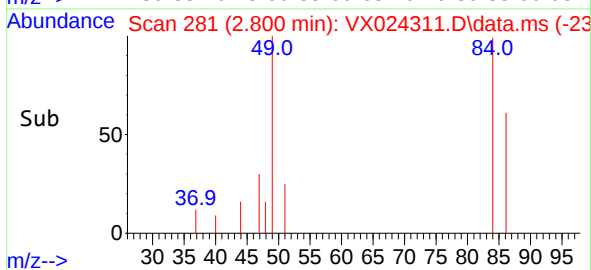
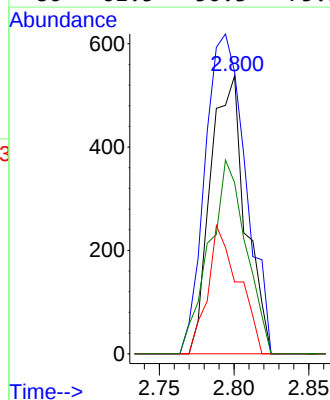
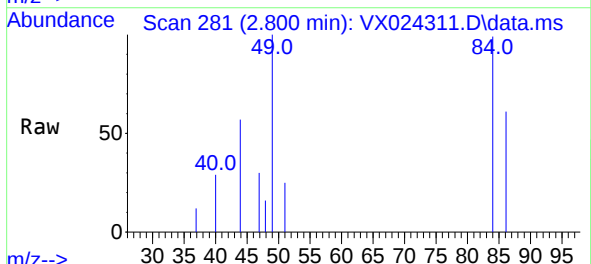
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

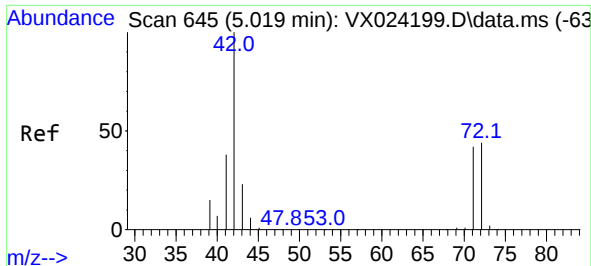
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.553 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 84 Resp: 872
Ion Ratio Lower Upper
84 100
49 101.5 88.6 132.8
51 25.8 27.0 40.6#
86 61.5 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.851 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX024311.D

Acq: 17 Sep 2021 15:57

Instrument :

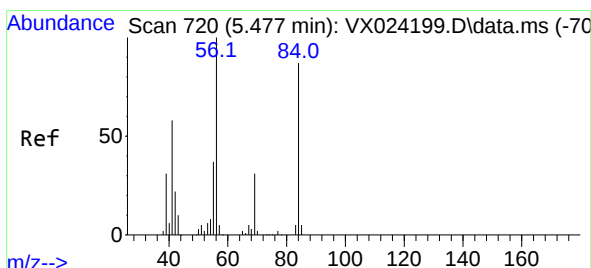
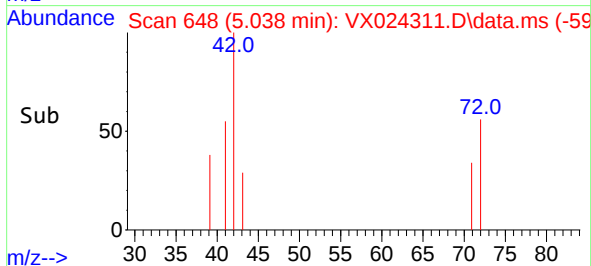
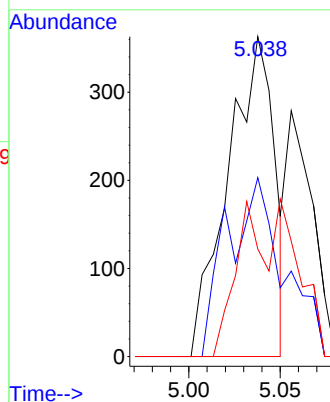
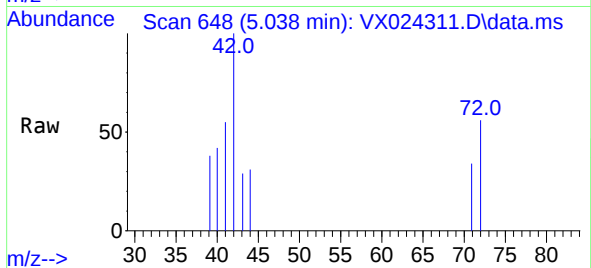
MSVOA_X

ClientSampleId :

TRIP-BLANK

Tgt Ion: 42 Resp: 644

Ion	Ratio	Lower	Upper
42	100		
72	67.5	41.7	62.5#
71	30.6	38.4	57.6#



#31

Cyclohexane

Concen: 1.354 ug/l

RT: 5.556 min Scan# 733

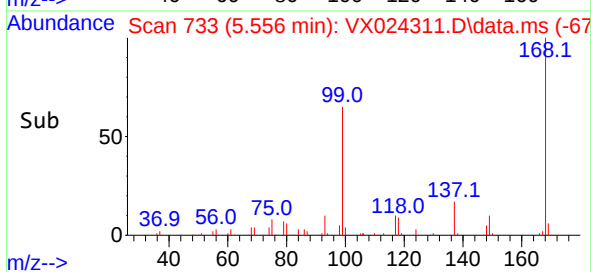
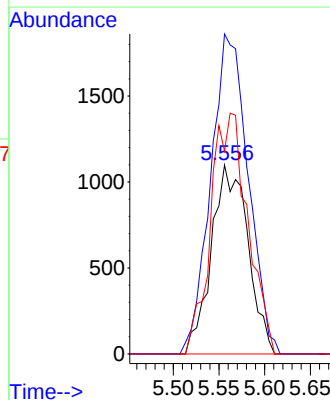
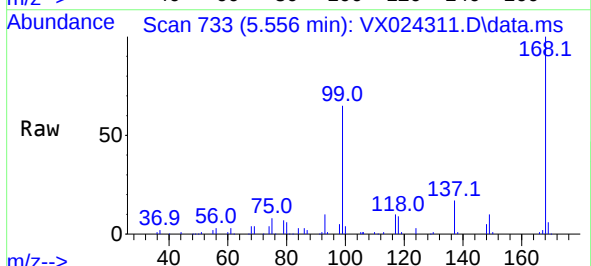
Delta R.T. 0.079 min

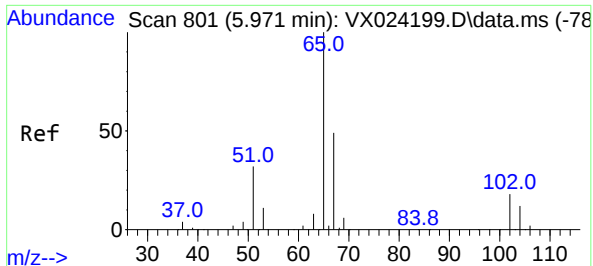
Lab File: VX024311.D

Acq: 17 Sep 2021 15:57

Tgt Ion: 56 Resp: 3048

Ion	Ratio	Lower	Upper
56	100		
69	169.3	25.3	37.9#
84	107.3	71.4	107.0#



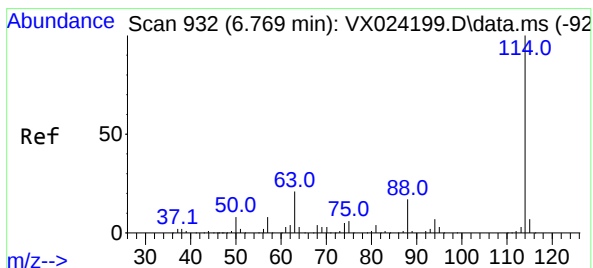
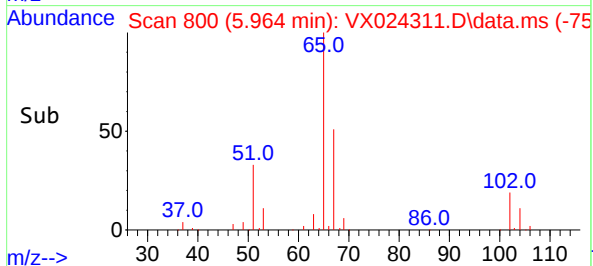
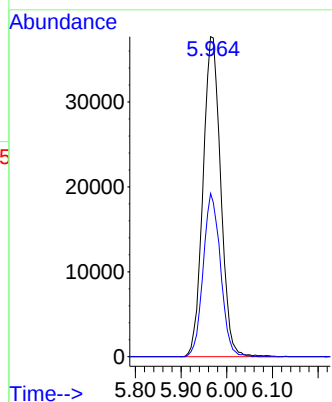
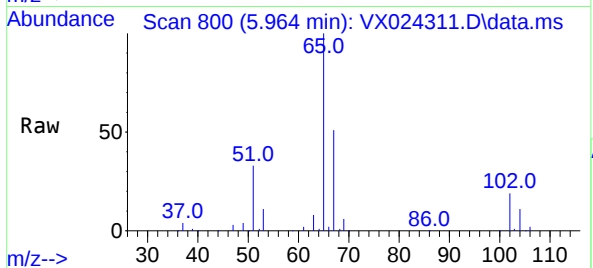


#33

1,2-Dichloroethane-d4
Concen: 52.685 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Instrument :
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ClientSampleId :
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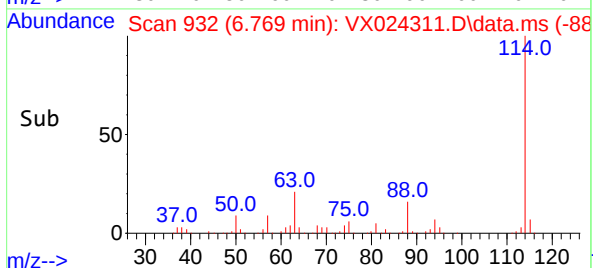
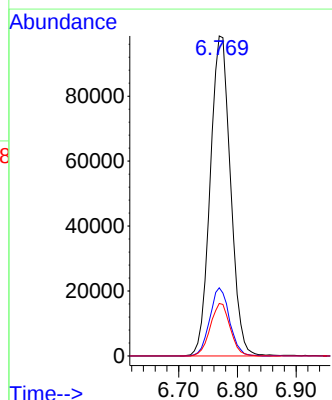
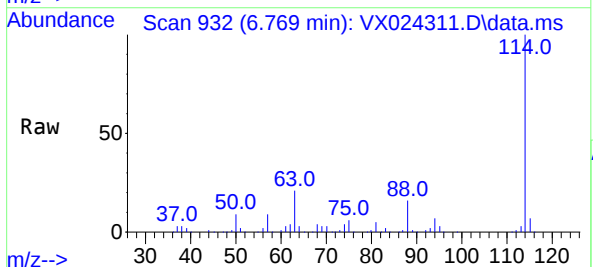
Tgt Ion: 65 Resp: 101418
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

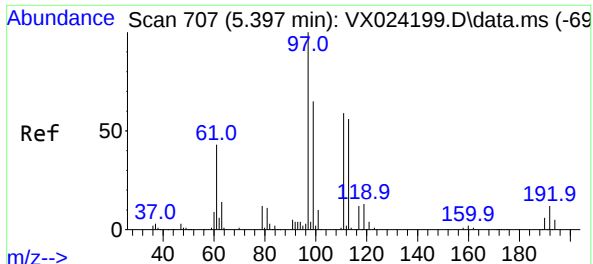


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 114 Resp: 236412
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.165 ug/l

RT: 5.397 min Scan# 707

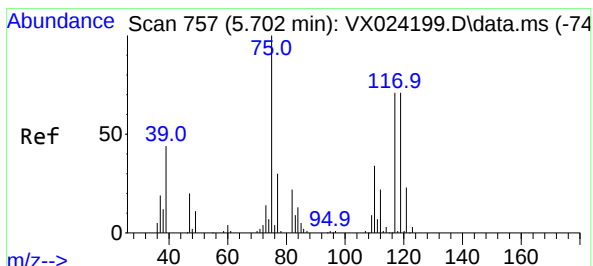
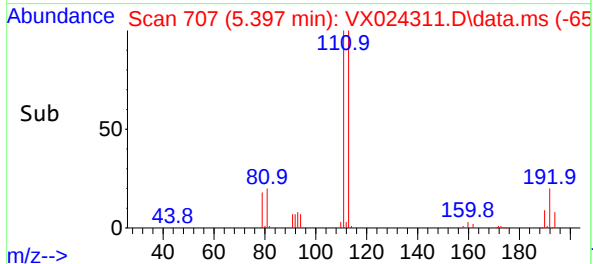
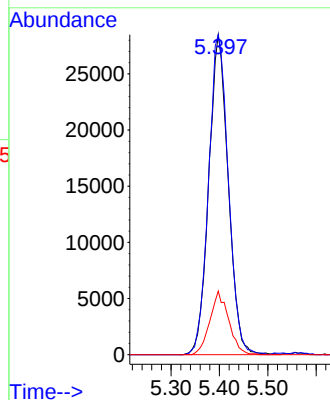
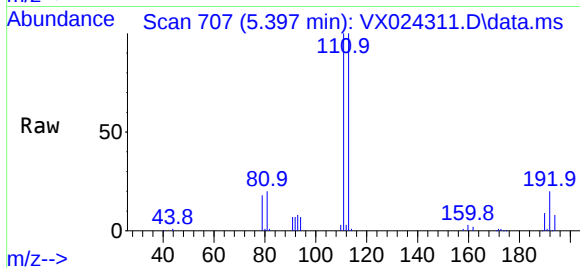
Delta R.T. 0.000 min

Lab File: VX024311.D

Acq: 17 Sep 2021 15:57

Tgt Ion:	113	Resp:	79536
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.2	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



#36

1,1-Dichloropropene

Concen: 4.905 ug/l

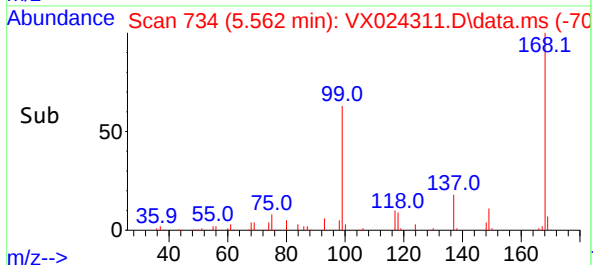
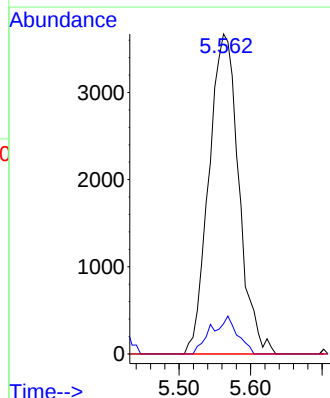
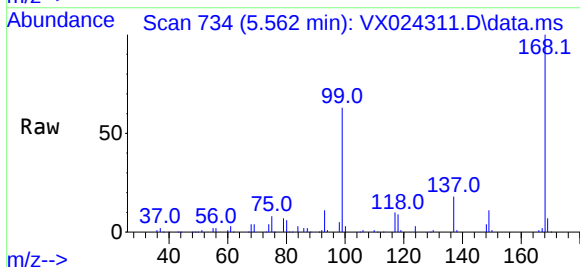
RT: 5.562 min Scan# 734

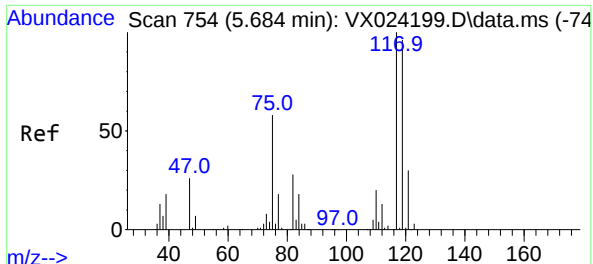
Delta R.T. -0.140 min

Lab File: VX024311.D

Acq: 17 Sep 2021 15:57

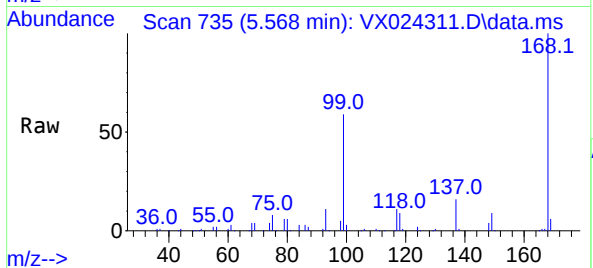
Tgt Ion:	75	Resp:	10662
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#



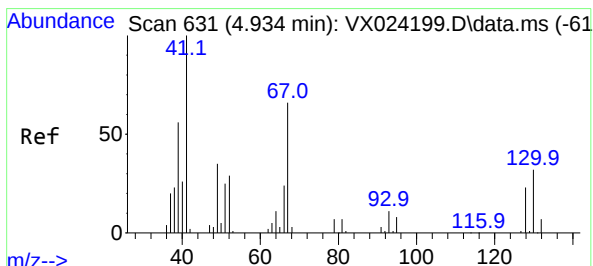
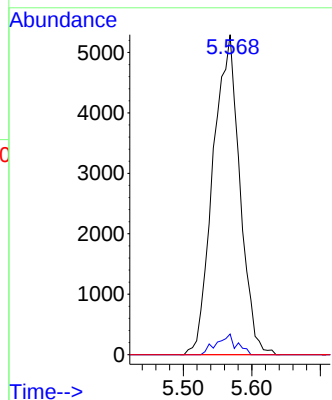
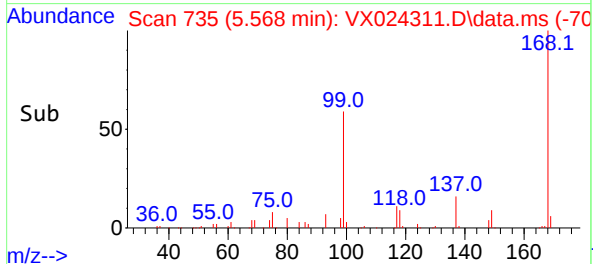


#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

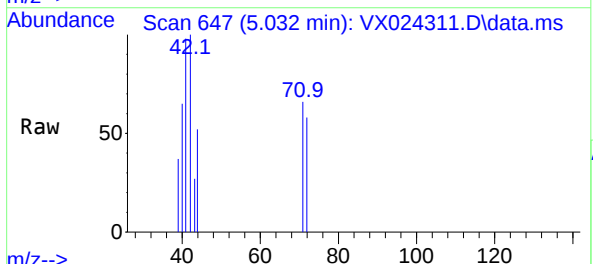
Instrument :
MSVOA_X
ClientSampleId :
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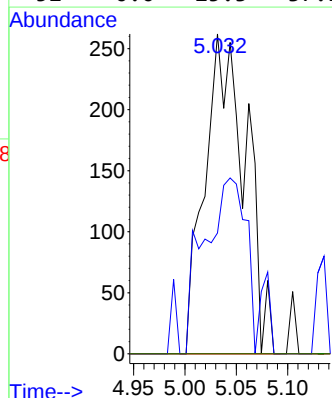
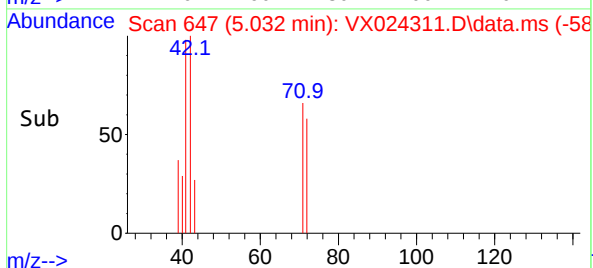
Tgt Ion:117 Resp: 14372
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

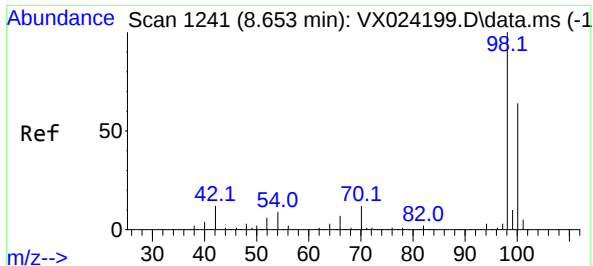


#41
Methacrylonitrile
Concen: 0.539 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.098 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57



Tgt Ion: 41 Resp: 728
Ion Ratio Lower Upper
41 100
39 61.8 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 42.578 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024311.D

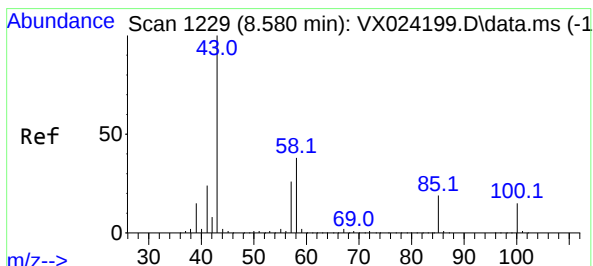
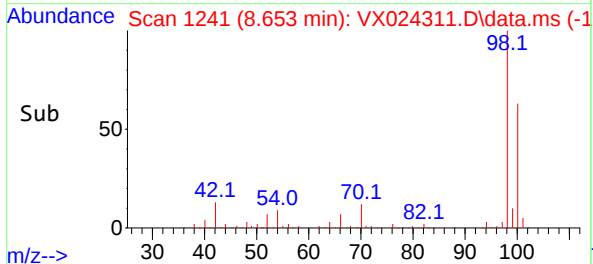
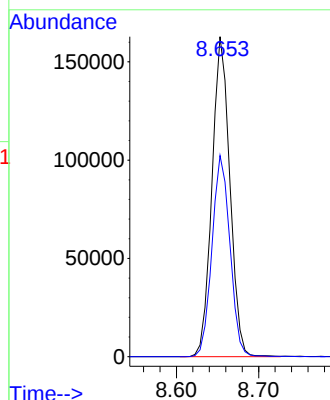
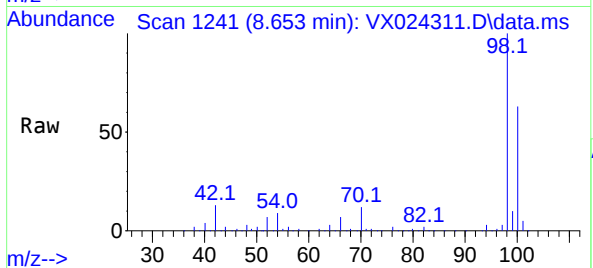
Acq: 17 Sep 2021 15:57

Tgt Ion: 98 Resp: 245923

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.466 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024311.D

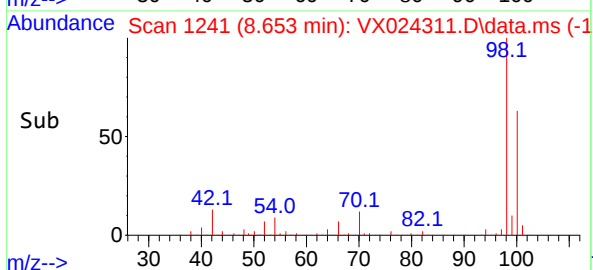
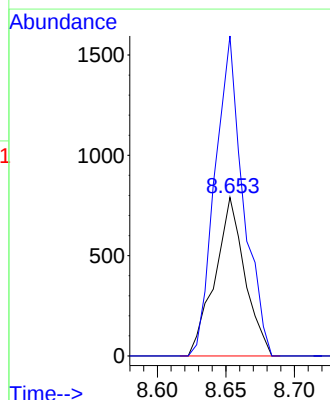
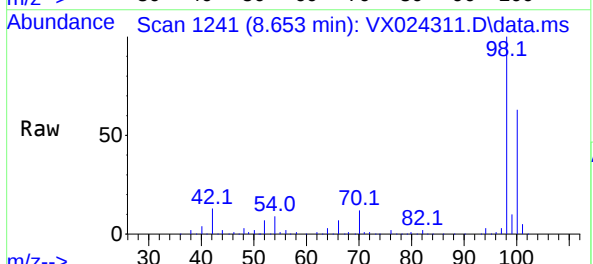
Acq: 17 Sep 2021 15:57

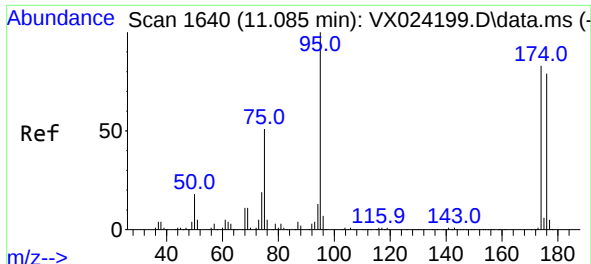
Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

58 190.9 35.4 53.0#

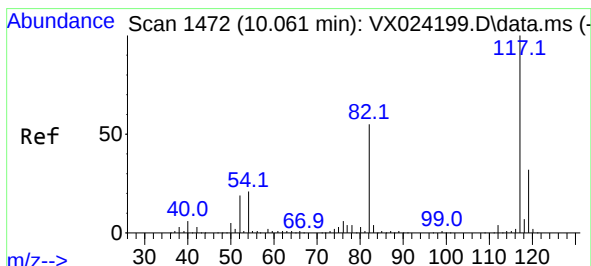
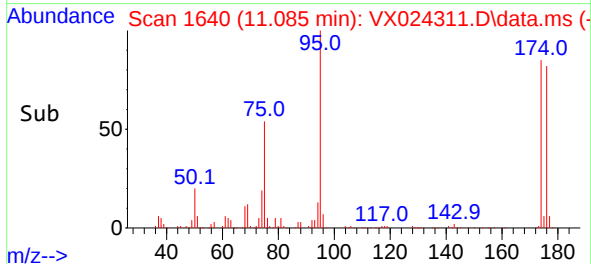
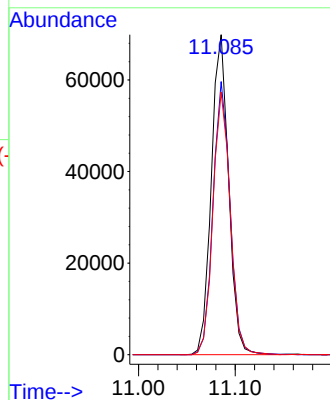
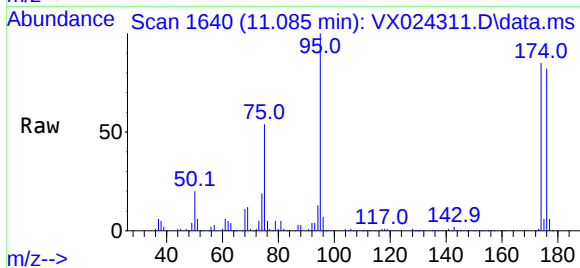




#62
4-Bromofluorobenzene
Concen: 38.629 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

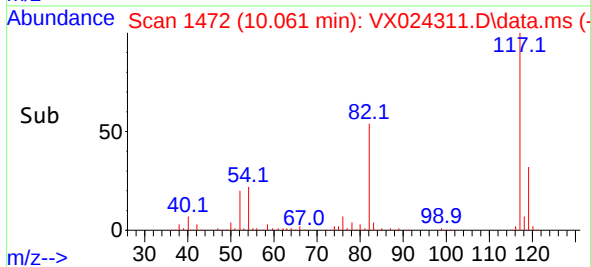
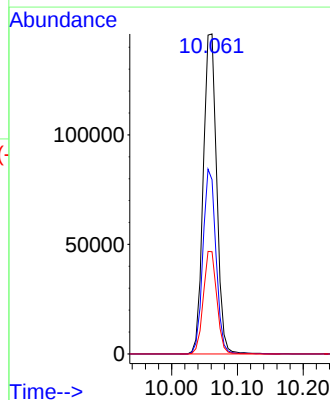
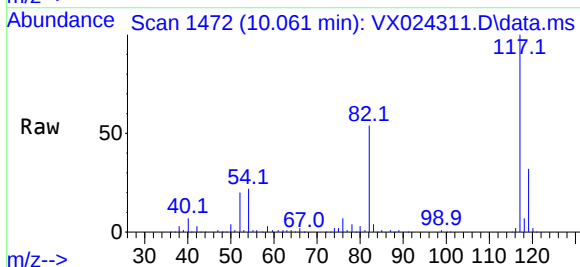
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

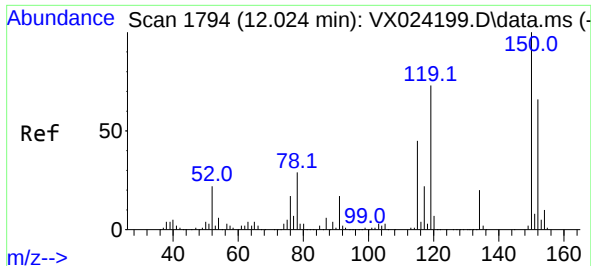
Tgt Ion: 95 Resp: 86829
Ion Ratio Lower Upper
95 100
174 84.1 0.0 154.6
176 82.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 117 Resp: 207198
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 31.9 26.6 39.8

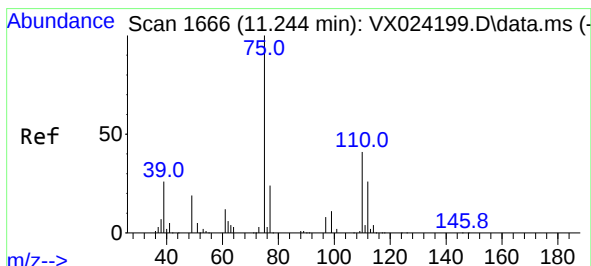
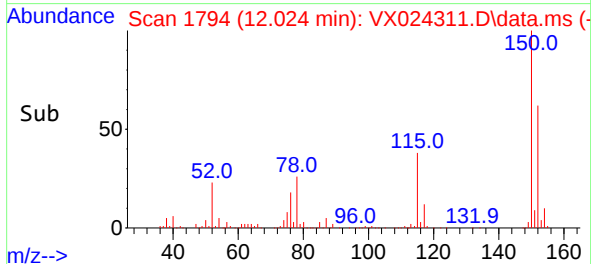
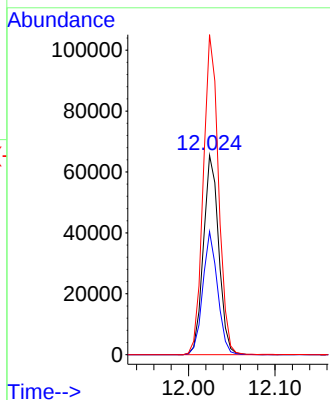
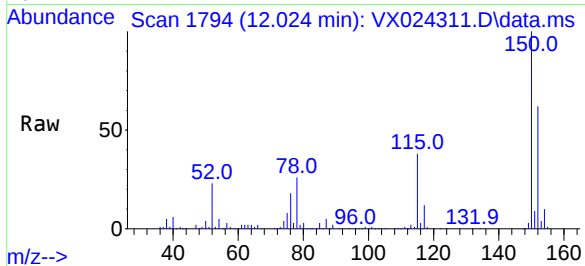




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

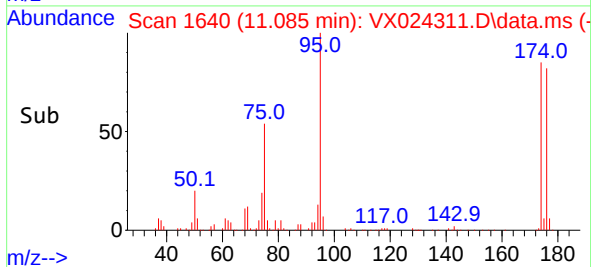
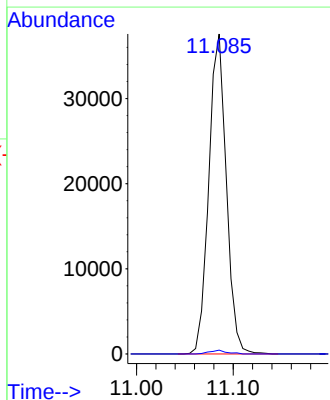
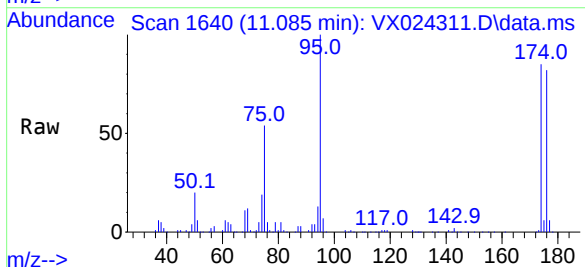
Instrument :
MSVOA_X
ClientSampleId :
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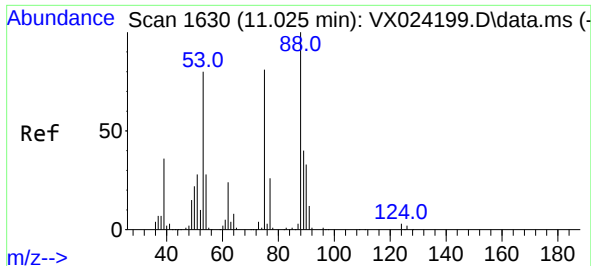
Tgt Ion:152 Resp: 80358
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 159.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 75 Resp: 47309
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

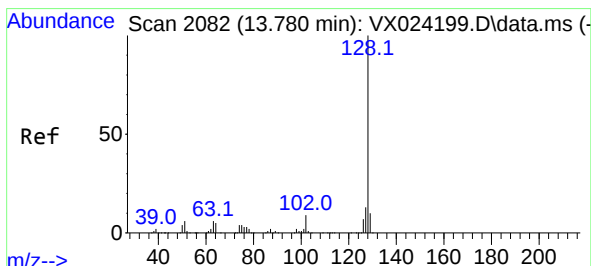
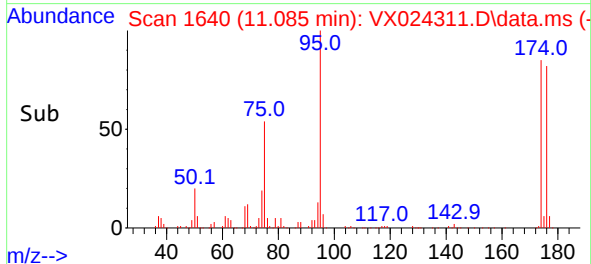
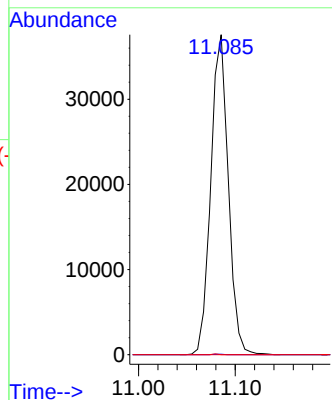
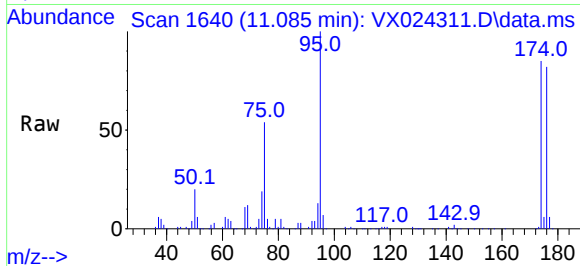




#81
trans-1,4-Dichloro-2-butene
Concen: 75.300 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 47309
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.356 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024311.D
Acq: 17 Sep 2021 15:57

Tgt Ion: 128 Resp: 406
Ion Ratio Lower Upper
128 100
127 5.7 10.3 15.5#
129 0.0 8.8 13.2#

