

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024621.D
 Acq On : 06 Oct 2021 16:34
 Operator : JC/MD
 Sample : M4055-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW8-MW01D3-GW-20210929

Quant Time: Oct 07 07:47:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	147708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114899	55.19	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.38%
35) Dibromofluoromethane	5.391	113	95218	52.08	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.16%
50) Toluene-d8	8.653	98	338232	50.26	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.52%
62) 4-Bromofluorobenzene	11.085	95	124208	46.94	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.88%

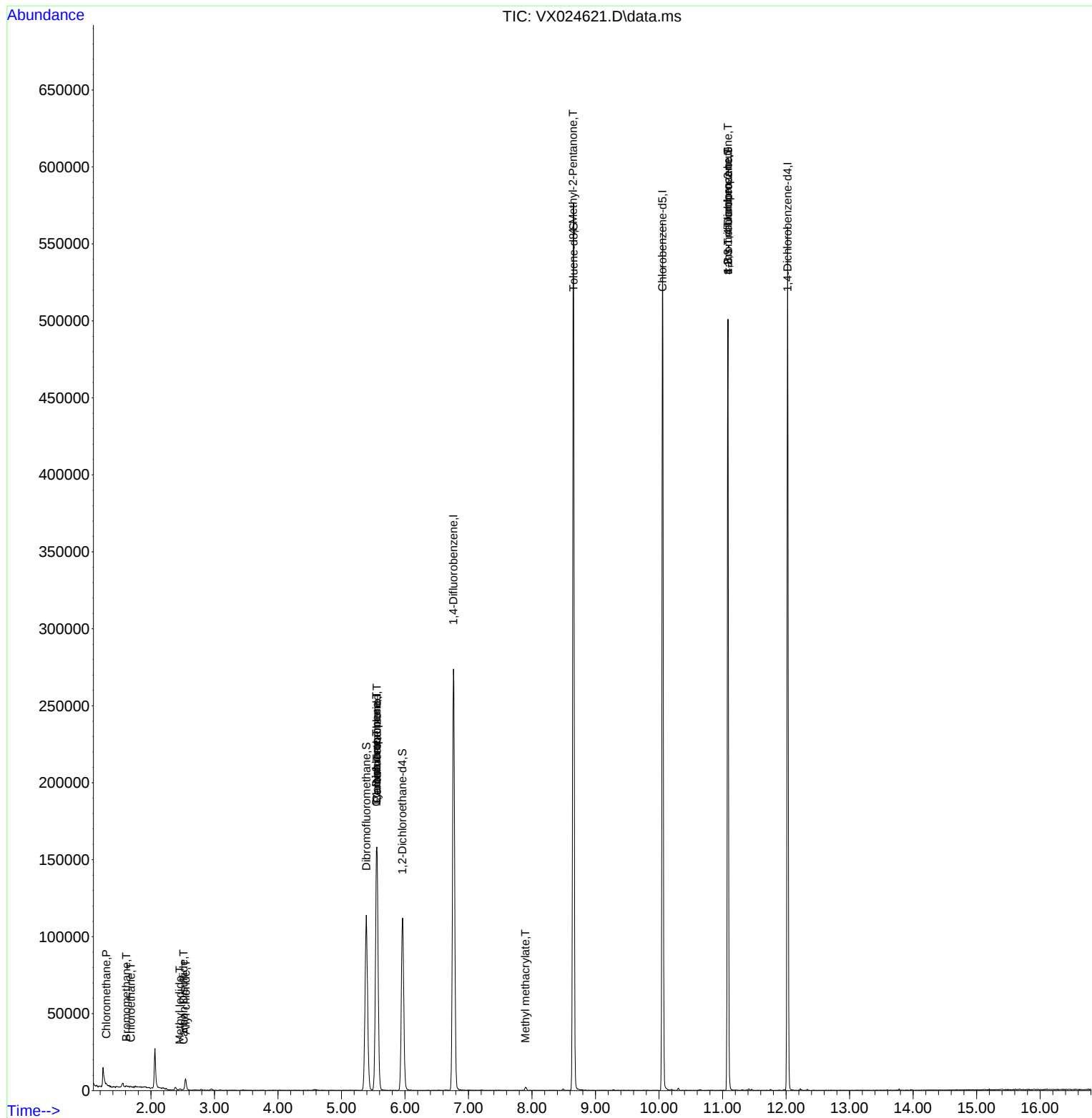
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	550	0.39	ug/l	92
5) Bromomethane	1.611	94	286	0.29	ug/l	93
6) Chloroethane	1.685	64	699	0.97	ug/l #	88
10) Methyl Iodide	2.453	142	930	0.46	ug/l #	84
11) Tert butyl alcohol	2.941	59	493	Below Cal	#	73
14) Allyl chloride	2.544	41	799	0.32	ug/l #	61
16) Acetone	2.386	43	2107	Below Cal	#	73
17) Carbon Disulfide	2.514	76	656	0.41	ug/l #	75
20) Methylene Chloride	2.800	84	285	Below Cal	#	65
31) Cyclohexane	5.550	56	3351	1.34	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	11924	4.52	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15293	5.32	ug/l #	19
48) Methyl methacrylate	7.897	41	590	0.24	ug/l #	21
51) 4-Methyl-2-Pentanone	8.647	43	1579	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	66787	26.47	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66787	72.07	ug/l #	12

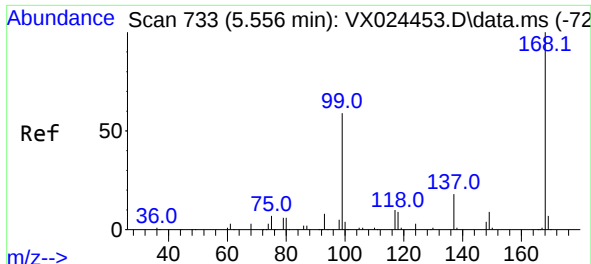
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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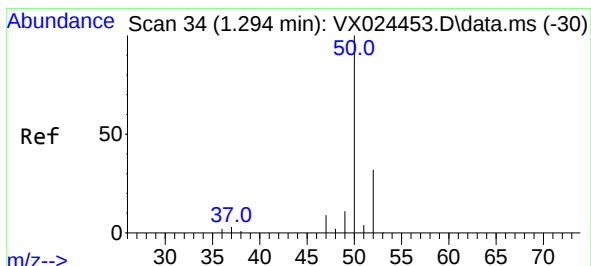
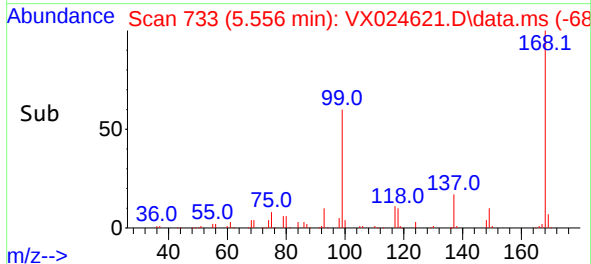
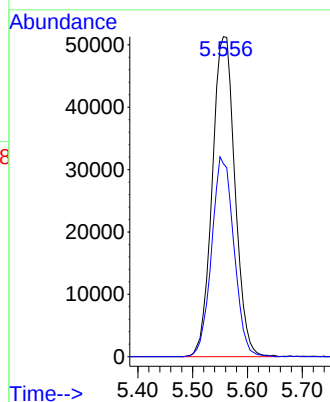
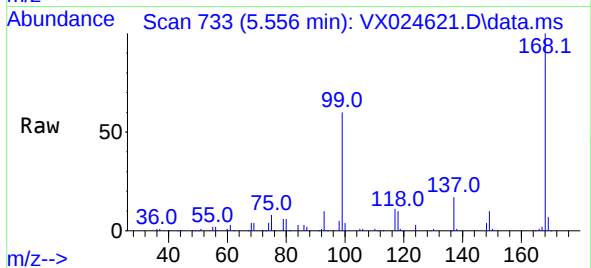




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

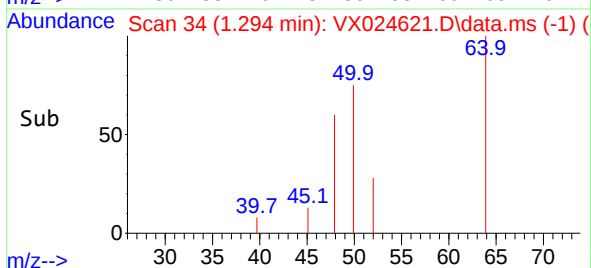
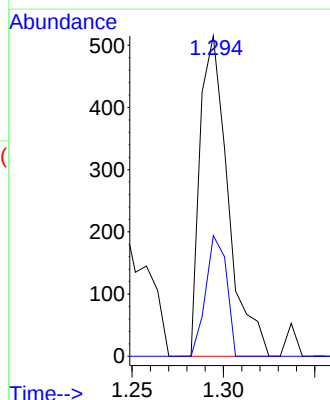
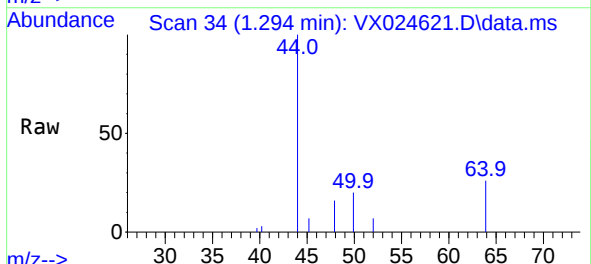
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

Tgt Ion:168 Resp: 147708
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6

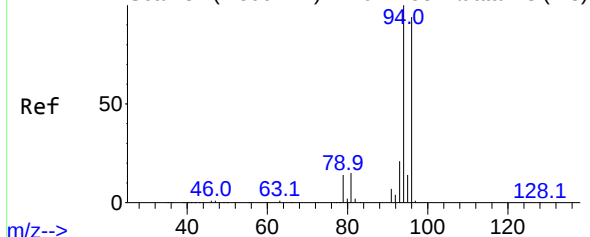


#3
Chloromethane
Concen: 0.39 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 37.7 26.4 39.6



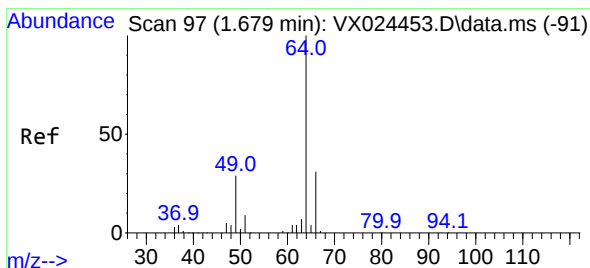
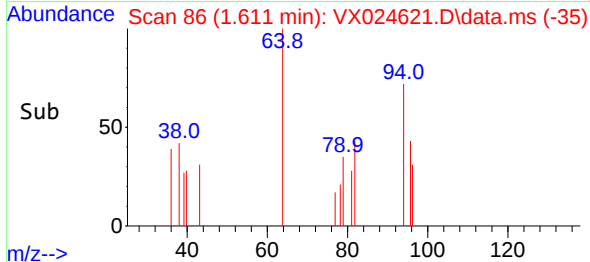
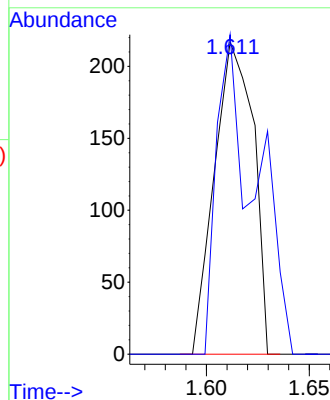
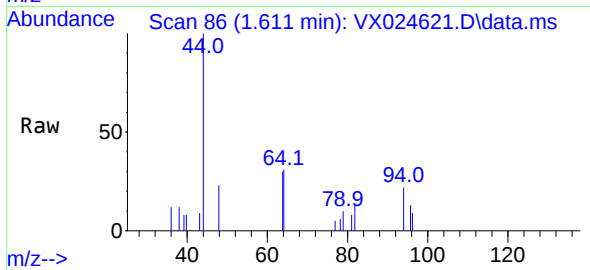
Abundance Scan 84 (1.599 min): VX024453.D\data.ms (-78)



#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

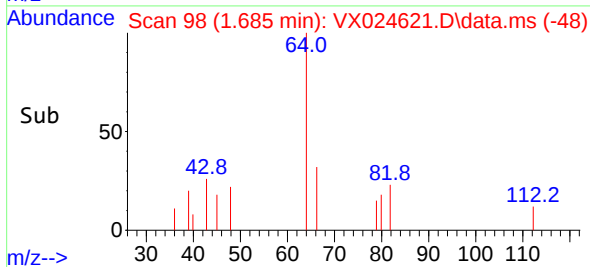
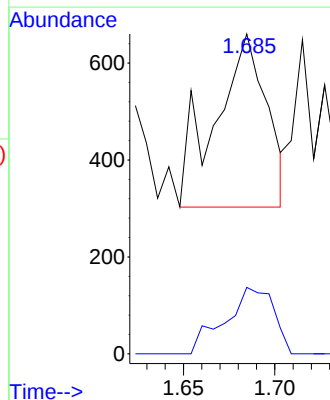
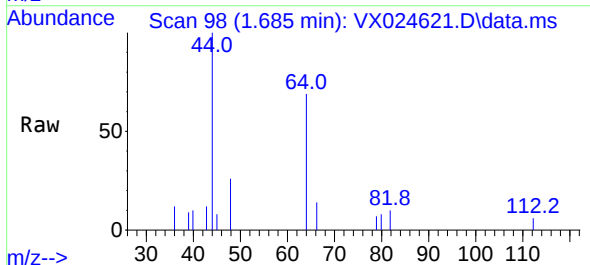
Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 102.3 76.4 114.6

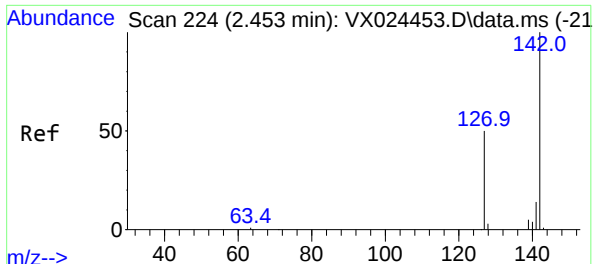
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929



#6
Chloroethane
Concen: 0.97 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 64 Resp: 699
Ion Ratio Lower Upper
64 100
66 38.4 25.4 38.0#

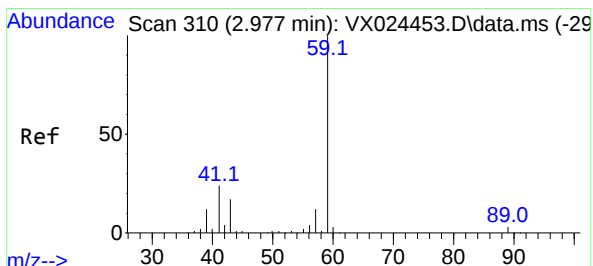
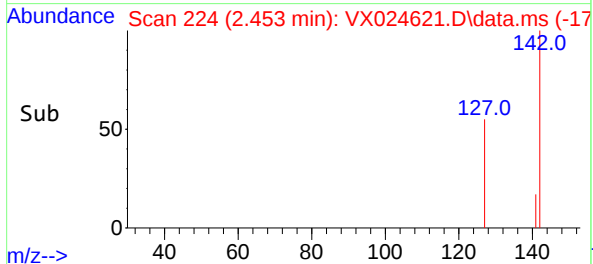
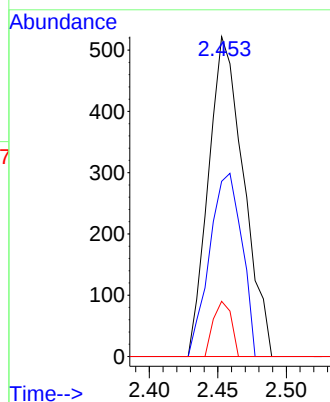
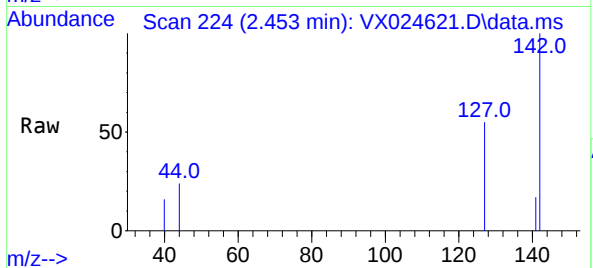




#10
Methyl Iodide
Concen: 0.46 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

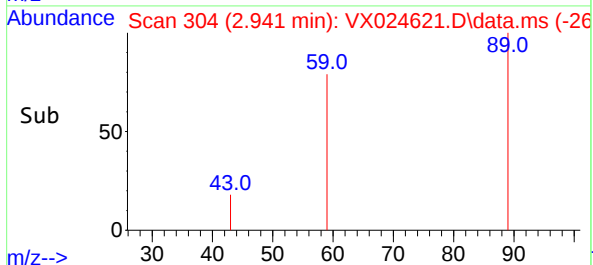
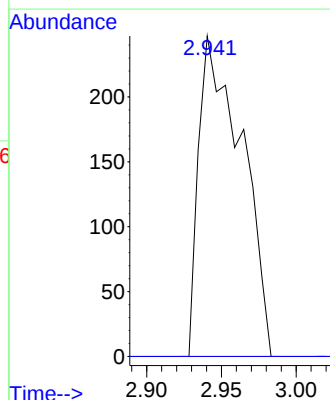
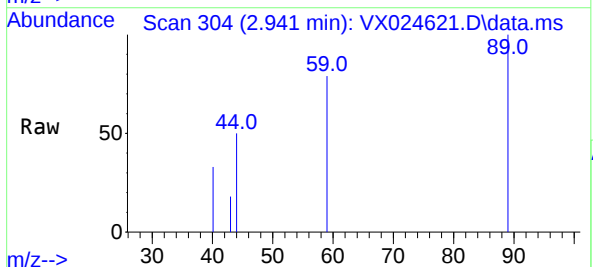
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

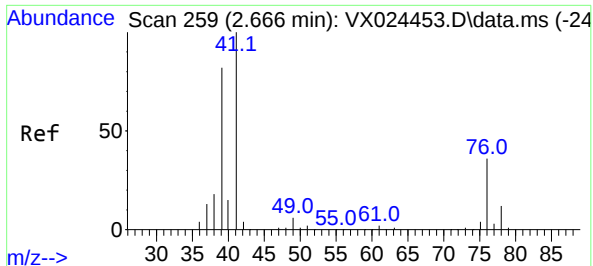
Tgt Ion:142 Resp: 930
Ion Ratio Lower Upper
142 100
127 52.7 33.3 49.9#
141 8.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 59 Resp: 493
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#14

Allyl chloride

Concen: 0.32 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX024621.D

Acq: 06 Oct 2021 16:34

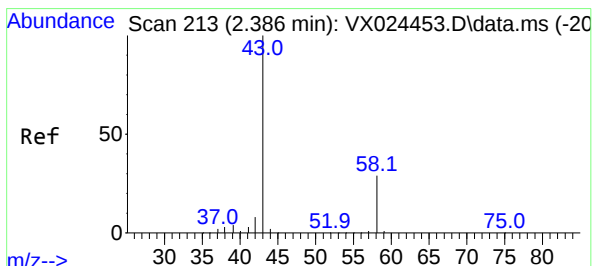
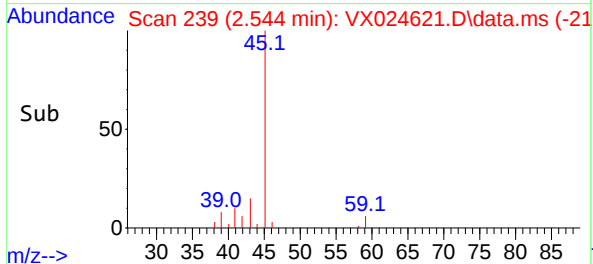
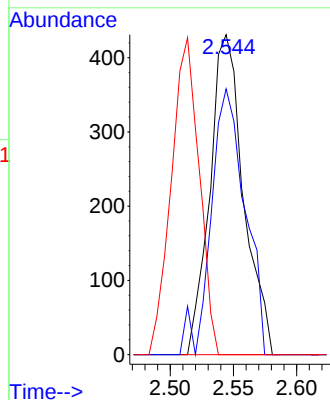
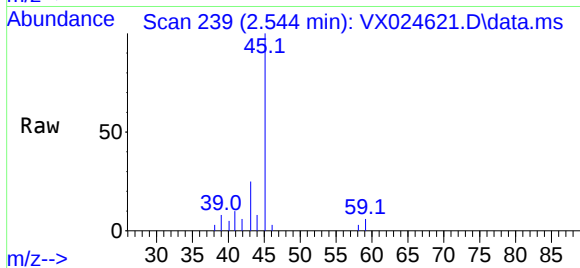
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-RW8-MW01D3-GW-20210929

Tgt Ion:	41	Resp:	799
Ion	Ratio	Lower	Upper
41	100		
39	83.6	51.6	77.4#
76	0.0	30.5	45.7#



#16

Acetone

Concen: Below Cal

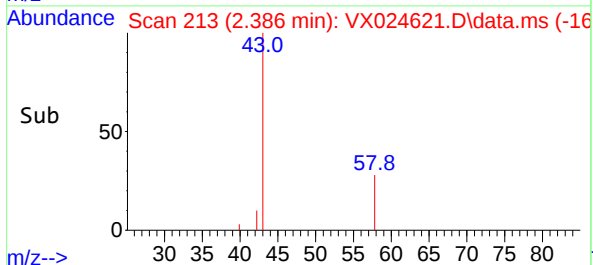
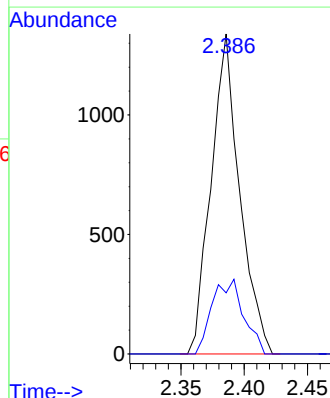
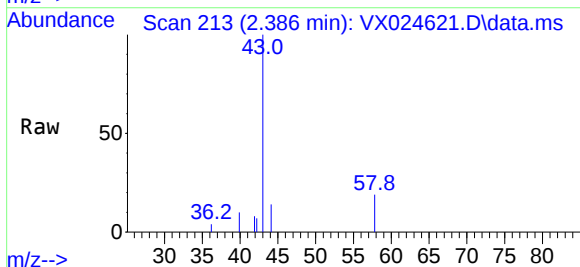
RT: 2.386 min Scan# 213

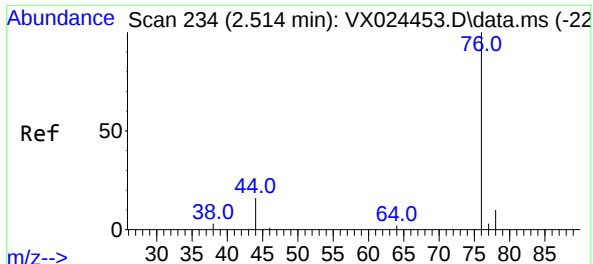
Delta R.T. -0.000 min

Lab File: VX024621.D

Acq: 06 Oct 2021 16:34

Tgt Ion:	43	Resp:	2107
Ion	Ratio	Lower	Upper
43	100		
58	19.1	27.8	41.8#

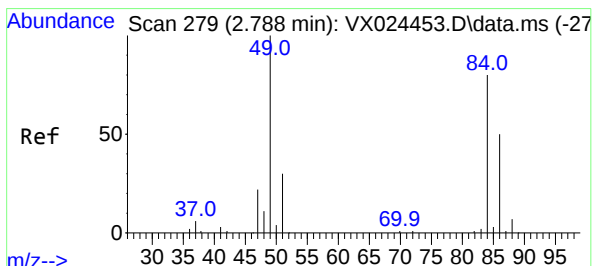
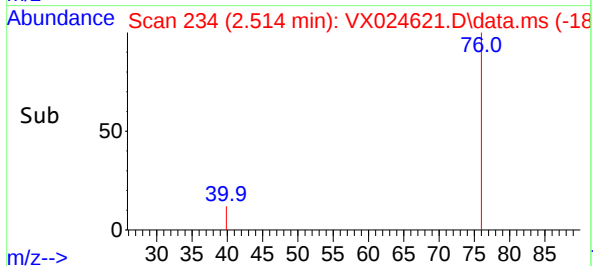
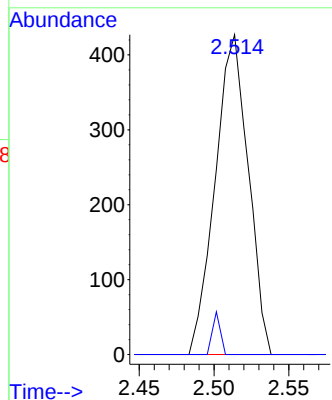
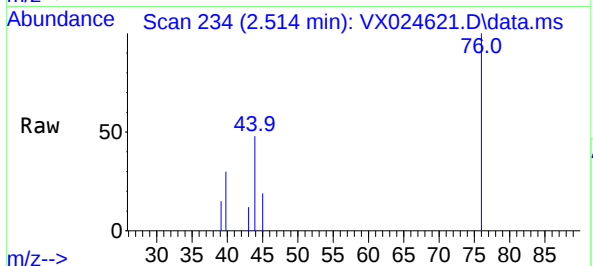




#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

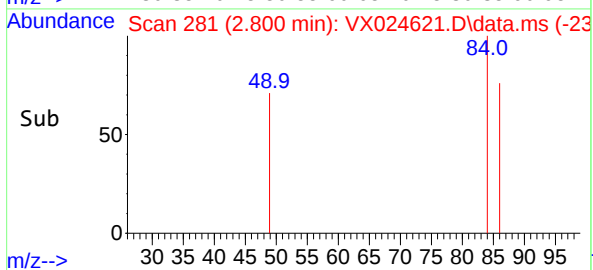
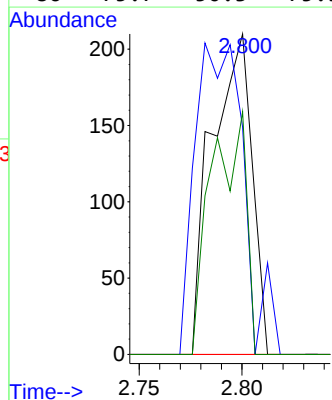
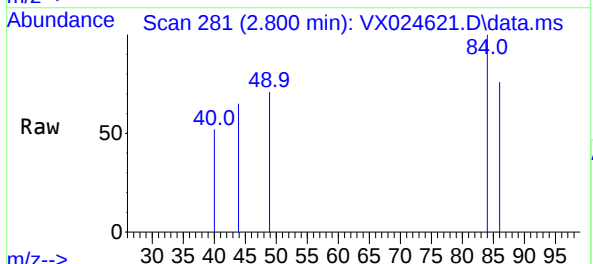
Instrument :
MSVOA_X
ClientSampleId :
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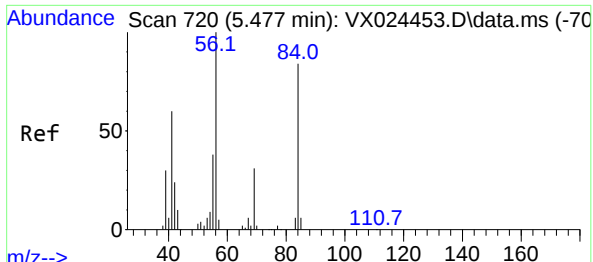
Tgt Ion: 76 Resp: 656
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

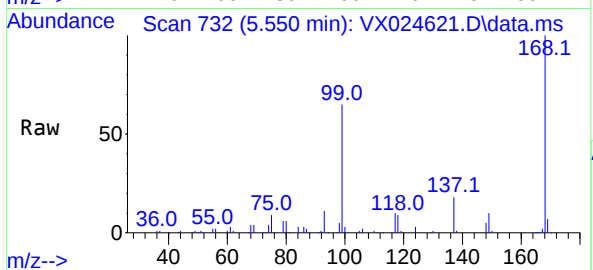
Tgt Ion: 84 Resp: 285
Ion Ratio Lower Upper
84 100
49 71.0 88.6 132.8#
51 0.0 27.0 40.6#
86 75.7 50.3 75.5#



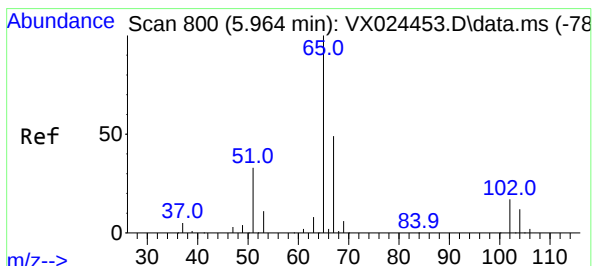
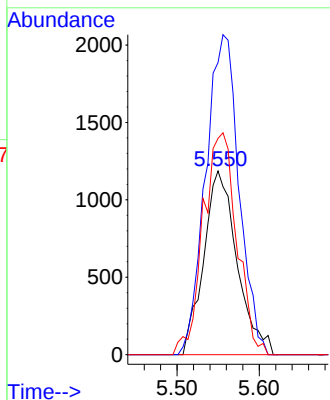
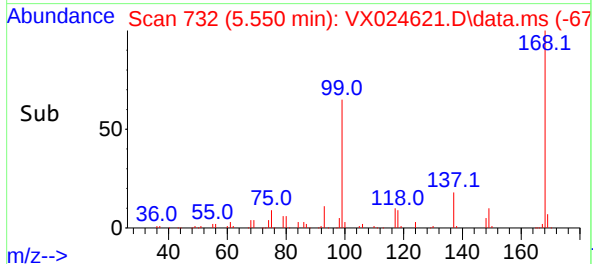


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

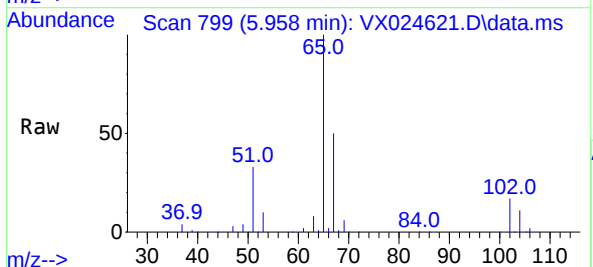
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929



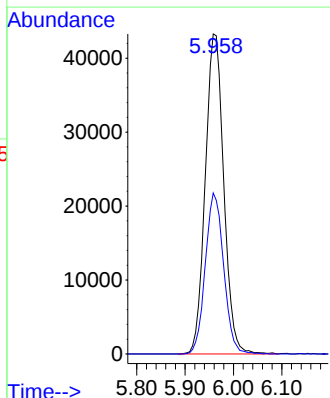
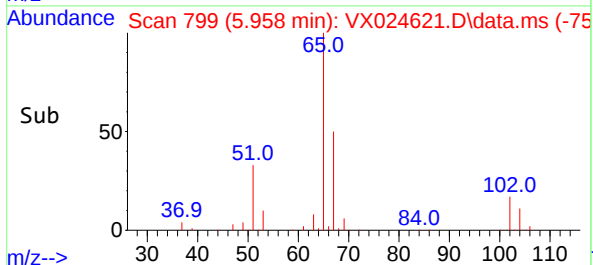
Tgt Ion: 56 Resp: 3351
Ion Ratio Lower Upper
56 100
69 159.0 25.3 37.9#
84 117.7 71.4 107.0#



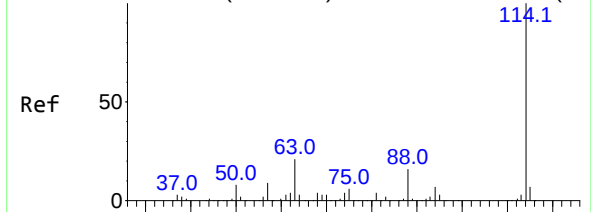
#33
1,2-Dichloroethane-d4
Concen: 55.19 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34



Tgt Ion: 65 Resp: 114899
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

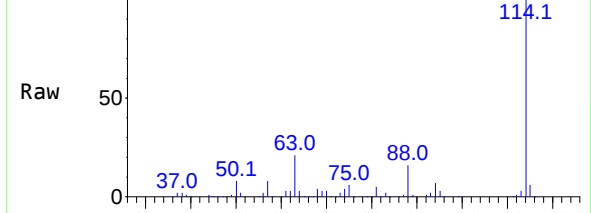


Abundance Scan 932 (6.769 min): VX024453.D\data.ms (-92



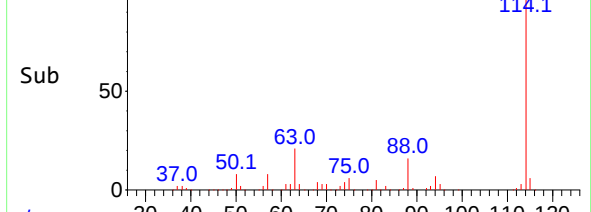
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Abundance Scan 931 (6.763 min): VX024621.D\data.ms



m/z-->

Abundance Scan 931 (6.763 min): VX024621.D\data.ms (-88

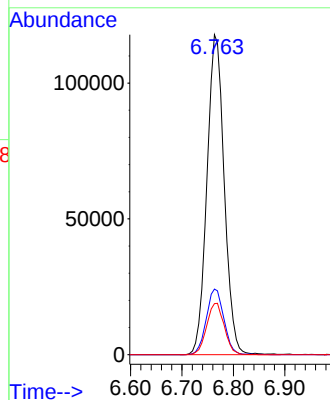


m/z-->

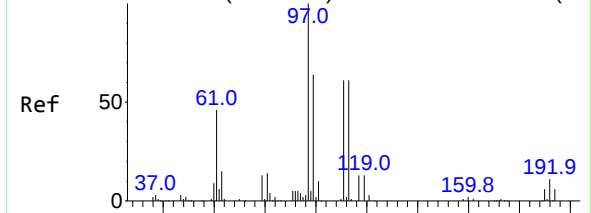
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion:	114	Resp:	275220
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.0	0.0	32.8

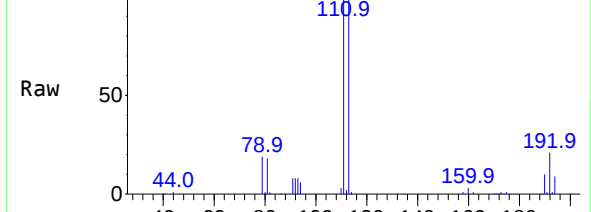


Abundance Scan 707 (5.397 min): VX024453.D\data.ms (-69



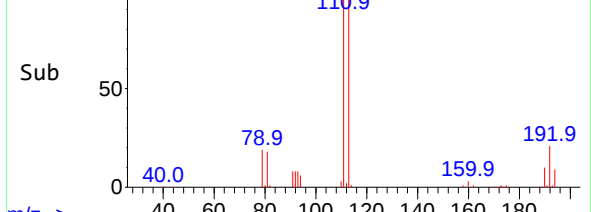
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Abundance Scan 706 (5.391 min): VX024621.D\data.ms



m/z-->

Abundance Scan 706 (5.391 min): VX024621.D\data.ms (-65

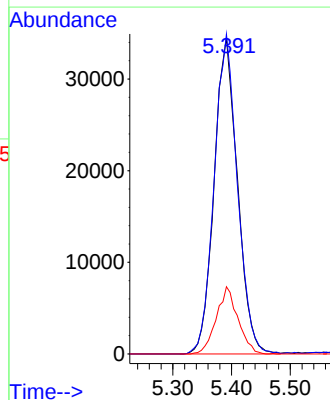


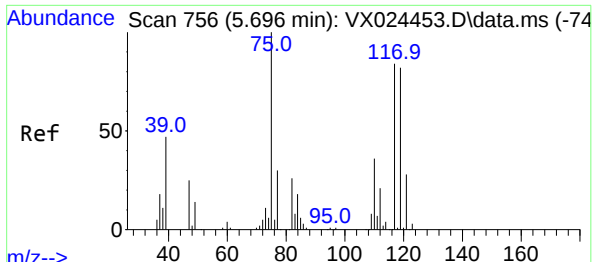
m/z-->

#35

Dibromofluoromethane
Concen: 52.08 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion:	113	Resp:	95218
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	19.7	16.7	25.1

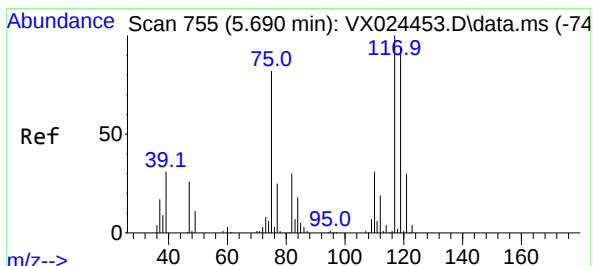
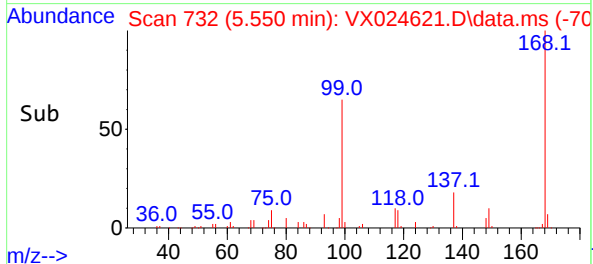
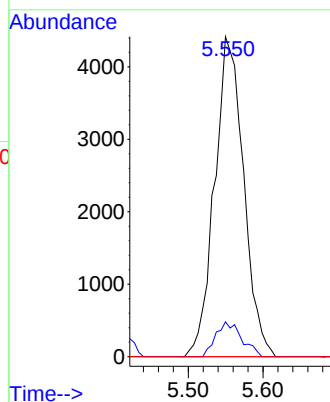
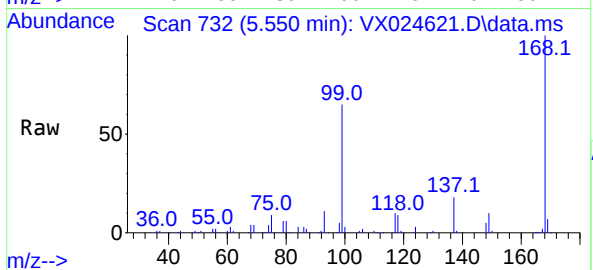




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

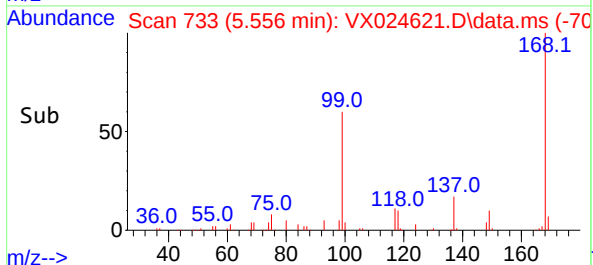
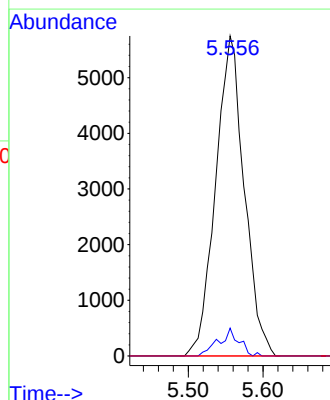
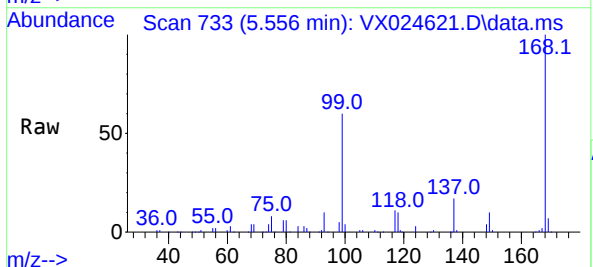
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

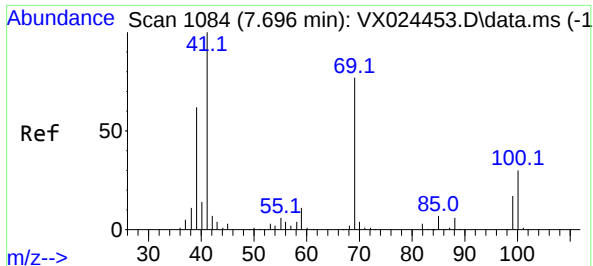
Tgt Ion: 75 Resp: 11924
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 117 Resp: 15293
Ion Ratio Lower Upper
117 100
119 8.7 76.2 114.2#
121 0.0 24.8 37.2#



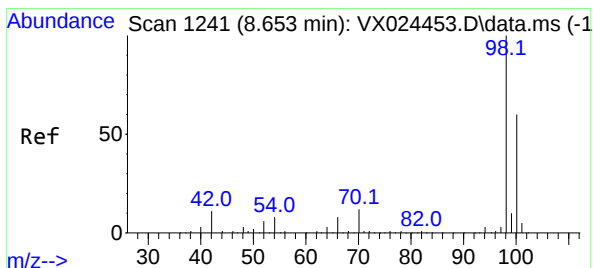
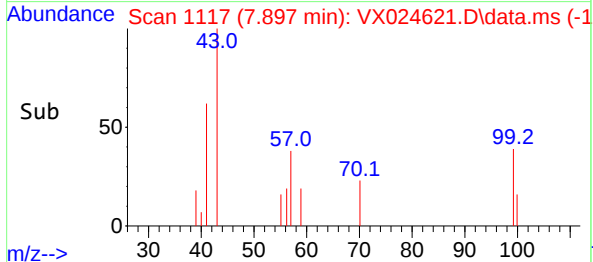
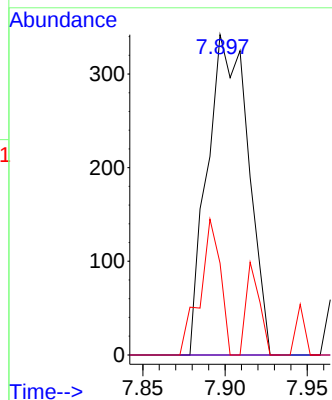
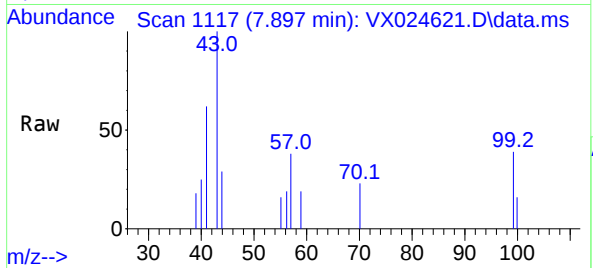


#48
Methyl methacrylate
Concen: 0.24 ug/l
RT: 7.897 min Scan# 1117
Delta R.T. 0.201 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

Tgt Ion: 41 Resp: 590

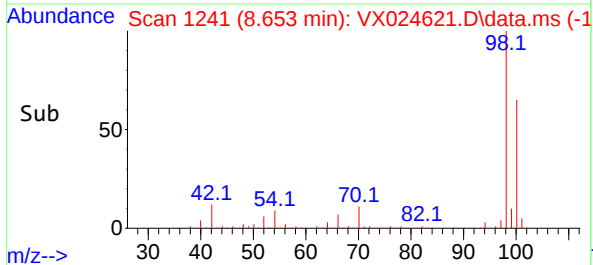
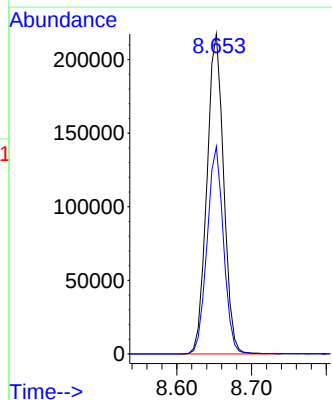
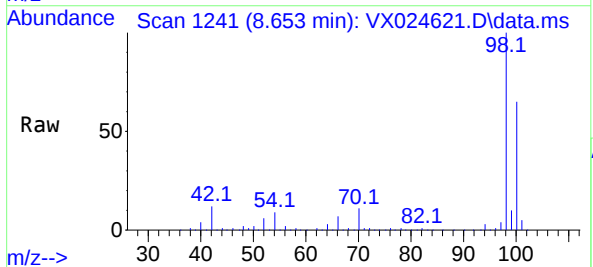
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	21.4	44.6	67.0#

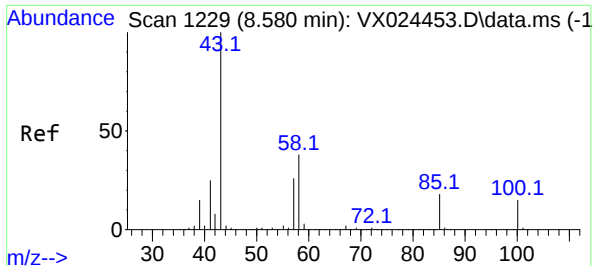


#50
Toluene-d8
Concen: 50.26 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 98 Resp: 338232

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9

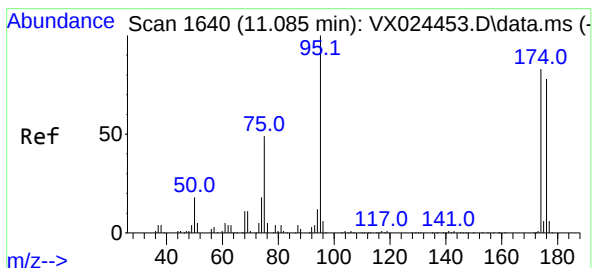
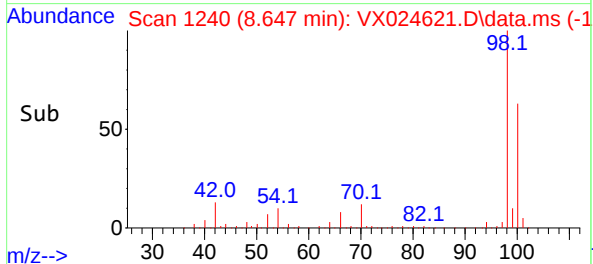
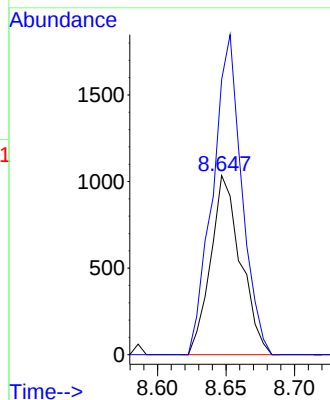
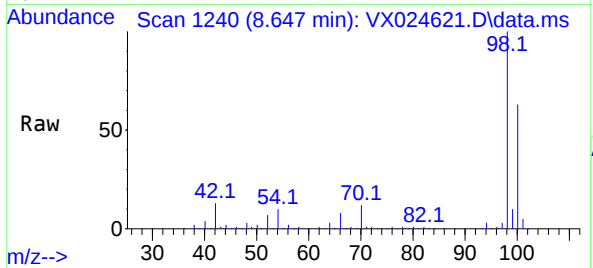




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

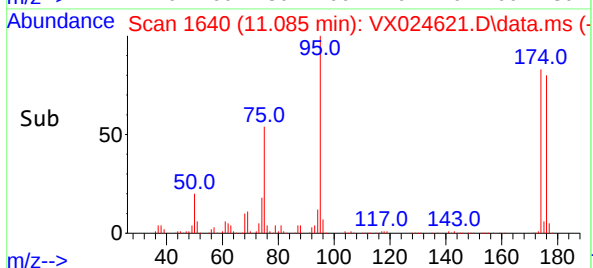
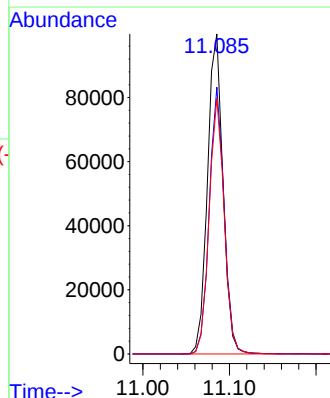
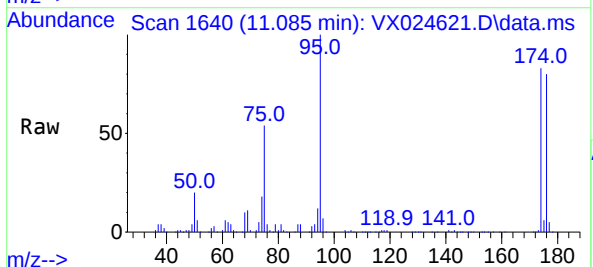
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

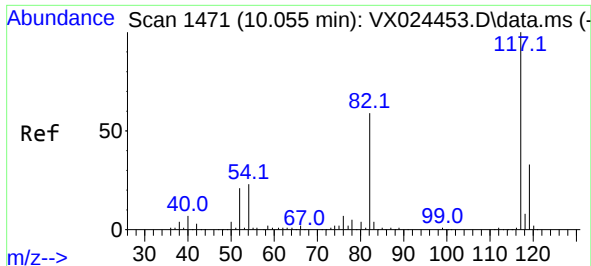
Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 172.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 95 Resp: 124208
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 77.2 0.0 155.8

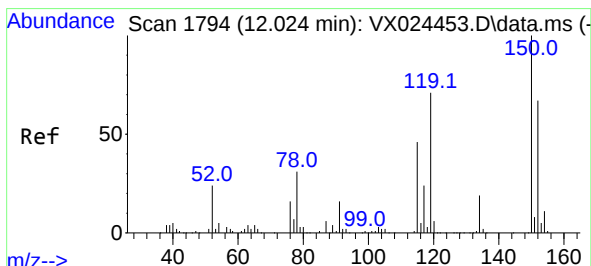
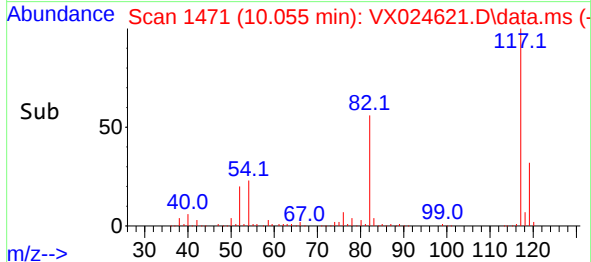
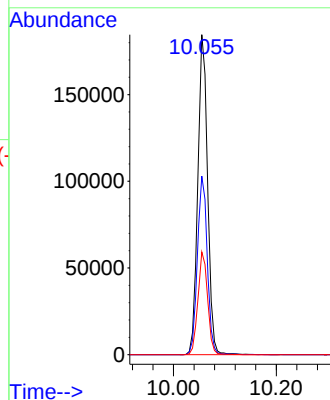
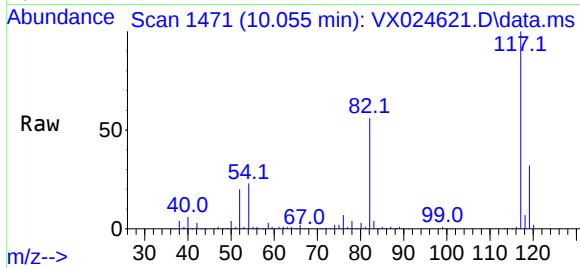




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

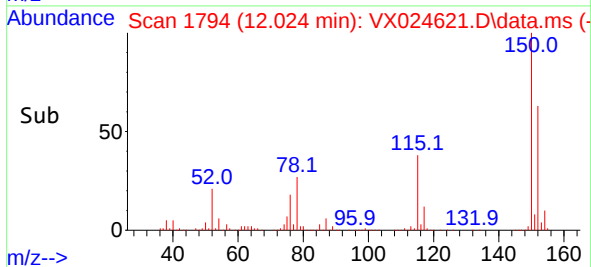
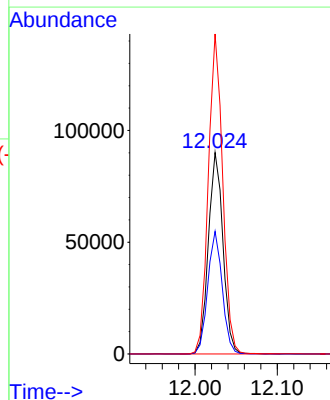
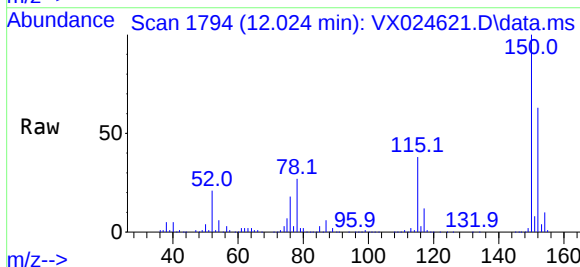
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

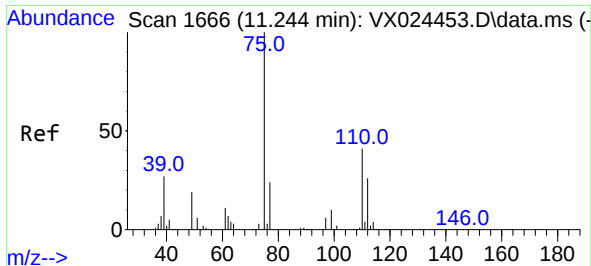
Tgt Ion:117 Resp: 244421
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion:152 Resp: 111096
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.3 0.0 349.0

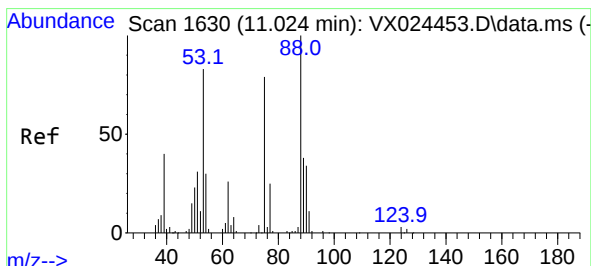
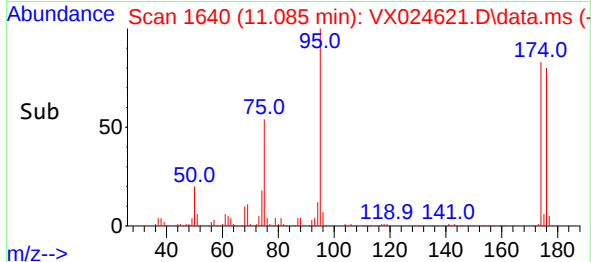
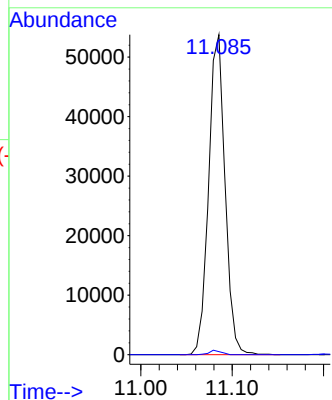
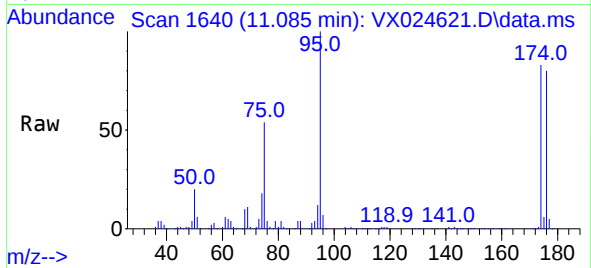




#76
1,2,3-Trichloropropane
Concen: 26.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01D3-GW-20210929

Tgt Ion: 75 Resp: 66787
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024621.D
Acq: 06 Oct 2021 16:34

Tgt Ion: 75 Resp: 66787
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

