

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027999.D
 Acq On : 06 Apr 2022 16:08
 Operator : JC/MD
 Sample : N2220-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB0331

Quant Time: Apr 07 08:07:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

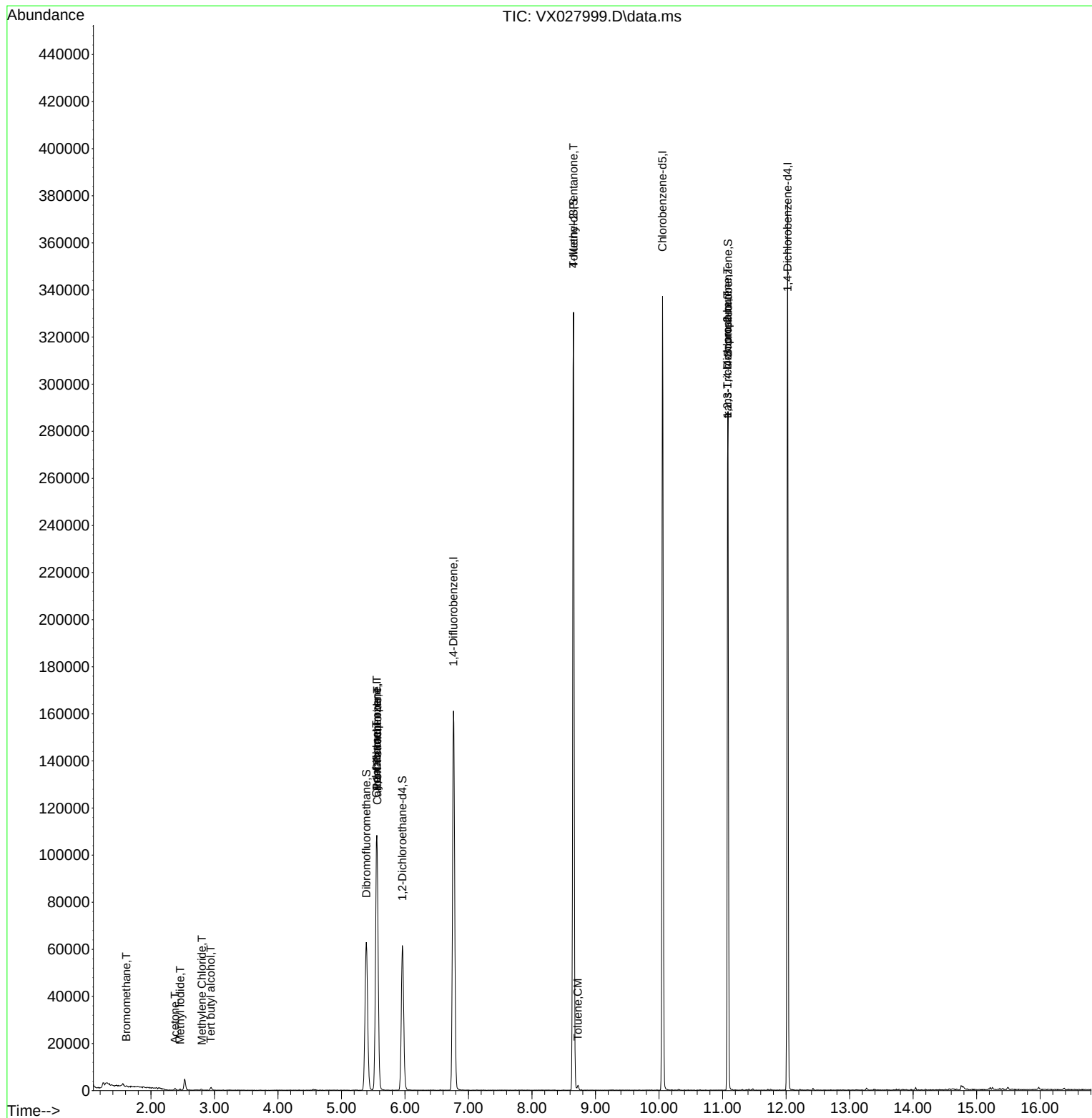
Internal Standards						
1) Pentafluorobenzene	5.556	168	109455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60393	44.224	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.440%
35) Dibromofluoromethane	5.391	113	55453	46.610	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.220%
50) Toluene-d8	8.653	98	203308	46.772	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.540%
62) 4-Bromofluorobenzene	11.085	95	80475	47.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	259	0.582	ug/l	91
6) Chloroethane	1.696	64	90	Below Cal	#	43
10) Methyl Iodide	2.459	142	371	3.756	ug/l #	76
11) Tert butyl alcohol	2.940	59	713	2.854	ug/l #	72
16) Acetone	2.379	43	764	1.495	ug/l #	83
20) Methylene Chloride	2.800	84	235	0.205	ug/l #	72
31) Cyclohexane	5.549	56	1935	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7371	4.712	ug/l #	49
38) Carbon Tetrachloride	5.562	117	10469	6.022	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	778	0.479	ug/l #	1
52) Toluene	8.720	92	840	0.281	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	38621	24.149	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38621	76.134	ug/l #	15

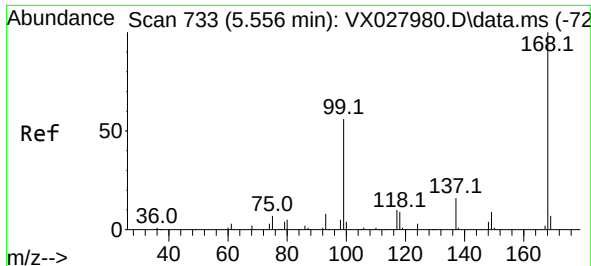
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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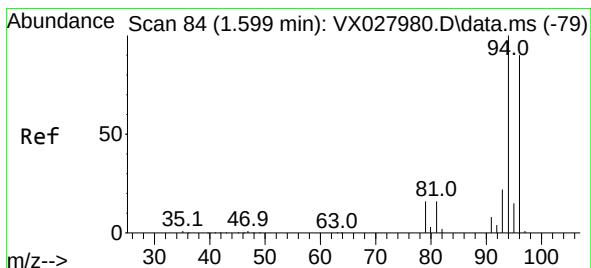
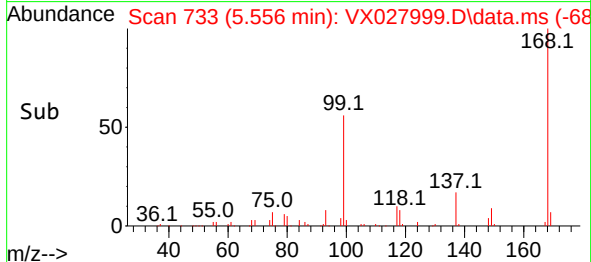
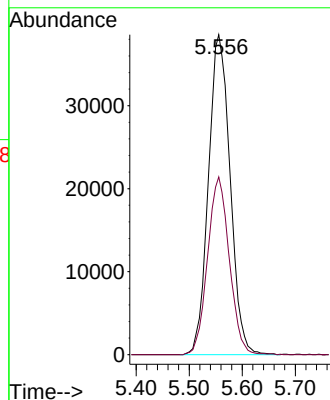
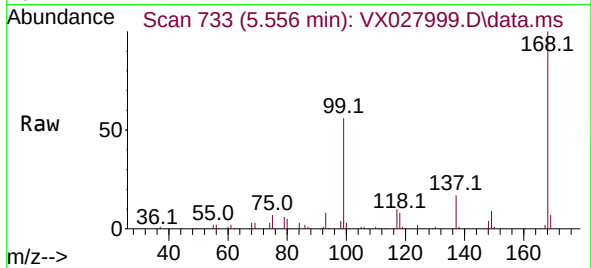




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

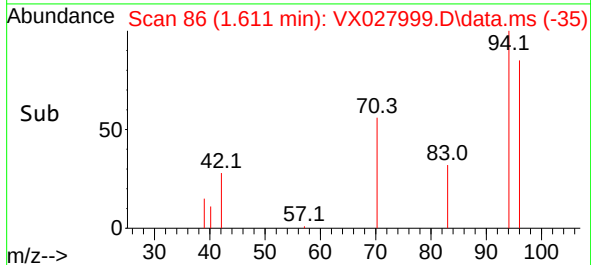
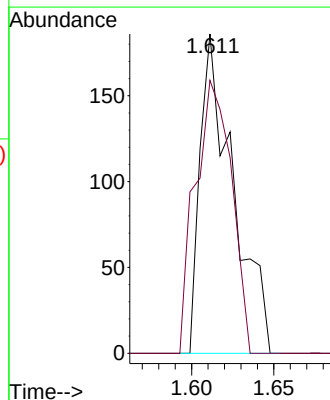
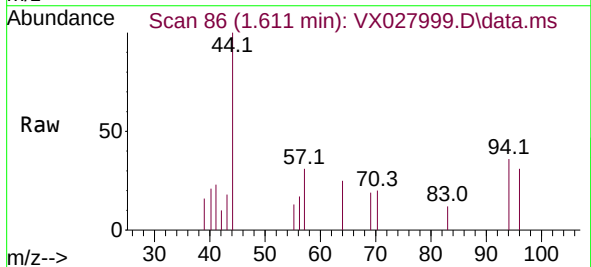
Instrument :
MSVOA_X
ClientSampleId :
TB0331

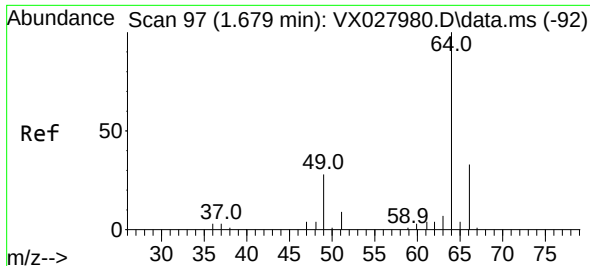
Tgt Ion:168 Resp: 109455
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#5
Bromomethane
Concen: 0.582 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 85.5 75.3 112.9

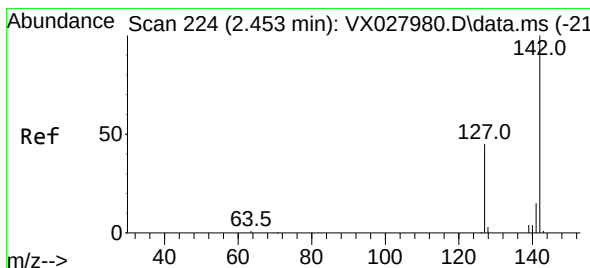
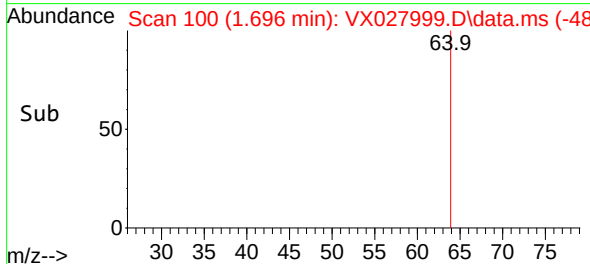
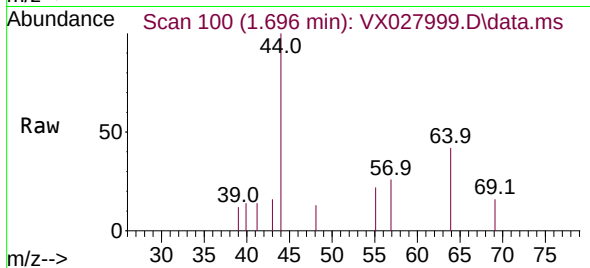




#6
Chloroethane
Concen: Below Cal
RT: 1.696 min Scan# 10
Delta R.T. 0.017 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

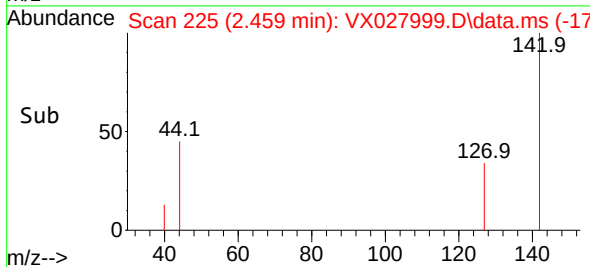
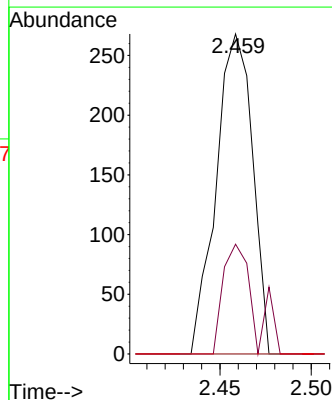
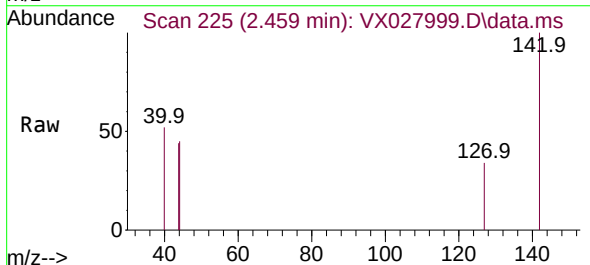
Instrument :
MSVOA_X
ClientSampleId :
TB0331

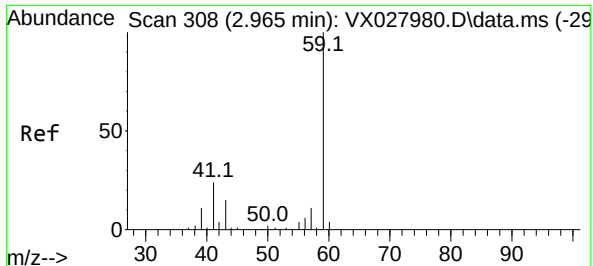
Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.756 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 142 Resp: 371
Ion Ratio Lower Upper
142 100
127 29.4 33.9 50.9#
141 0.0 11.4 17.2#

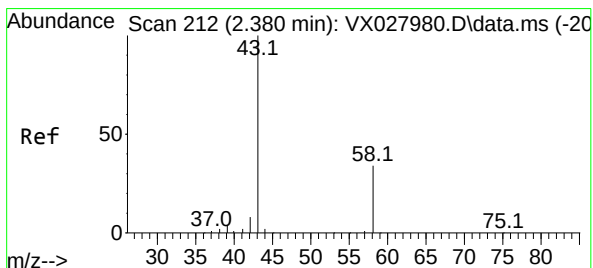
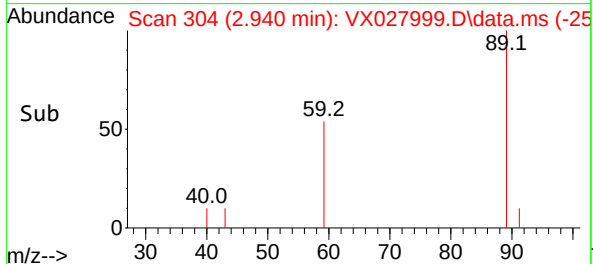
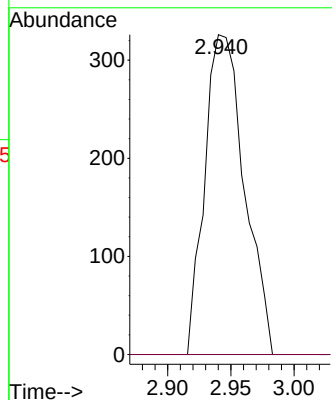
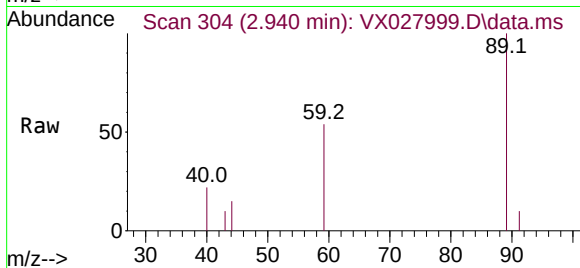




#11
Tert butyl alcohol
Concen: 2.854 ug/l
RT: 2.940 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

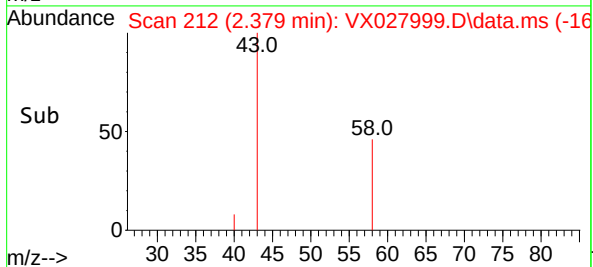
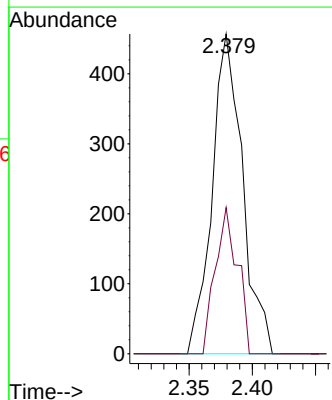
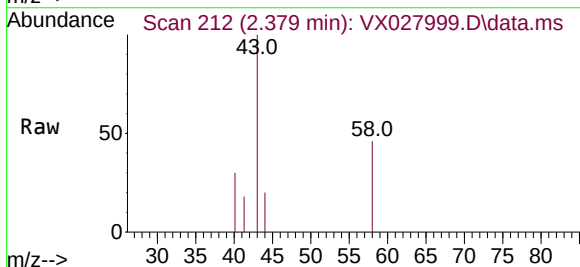
Instrument :
MSVOA_X
ClientSampleId :
TB0331

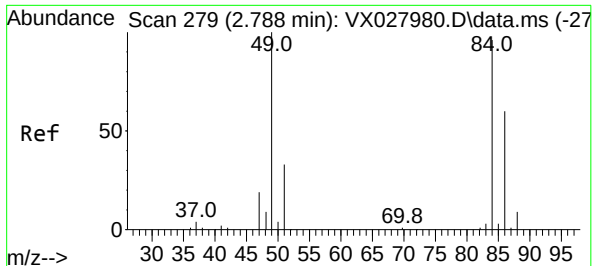
Tgt Ion: 59 Resp: 713
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.495 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 45.7 28.8 43.2#



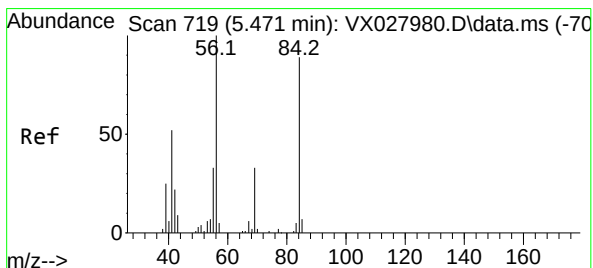
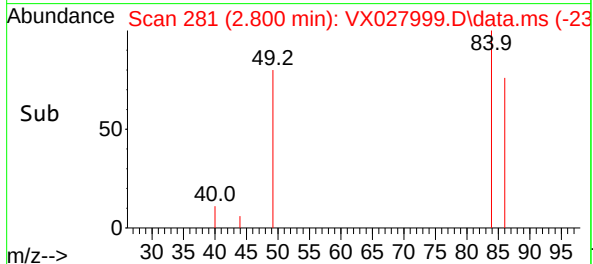
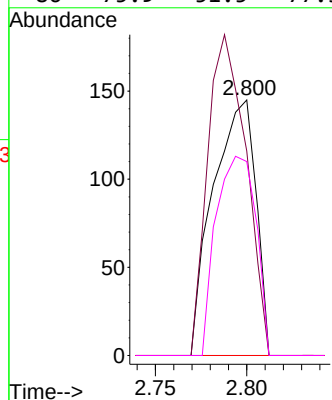
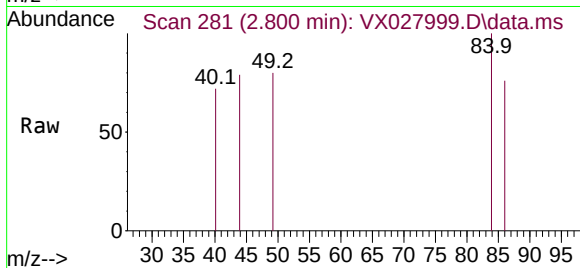


#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Instrument :
MSVOA_X
ClientSampleId :
TB0331

Tgt Ion: 84 Resp: 235

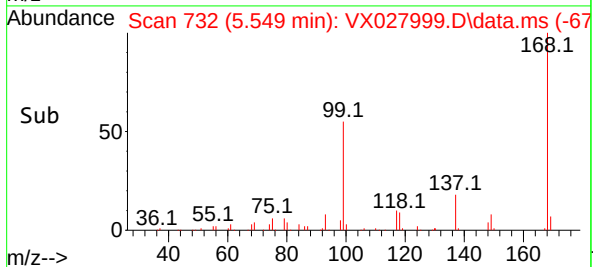
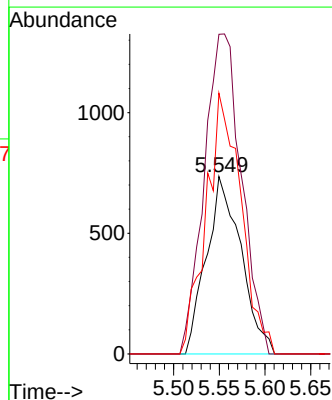
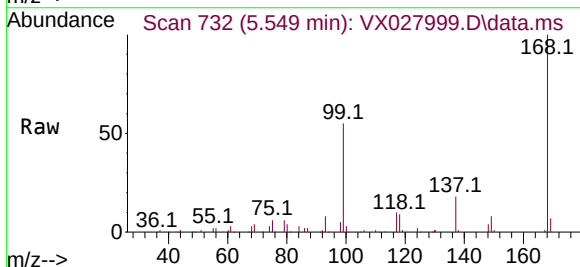
Ion	Ratio	Lower	Upper
84	100		
49	80.0	85.5	128.3#
51	0.0	26.6	39.8#
86	75.9	51.5	77.3

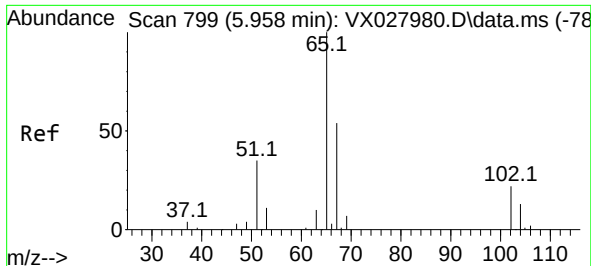


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 56 Resp: 1935

Ion	Ratio	Lower	Upper
56	100		
69	180.3	26.7	40.1#
84	147.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.224 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027999.D

Acq: 06 Apr 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

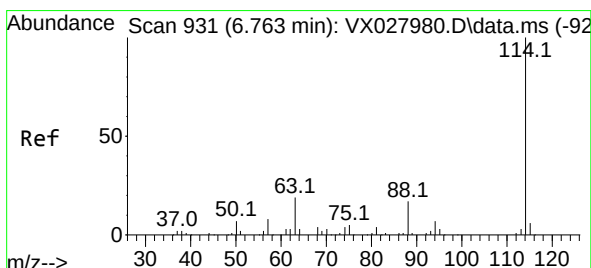
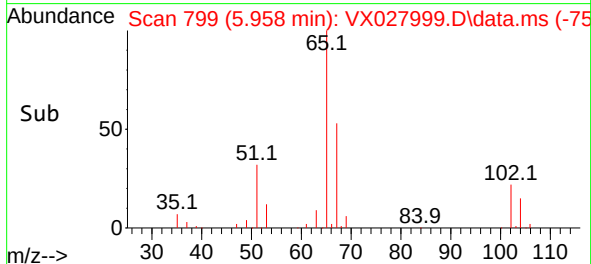
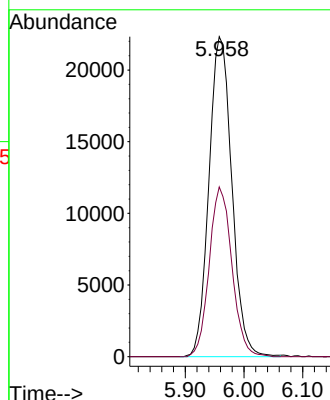
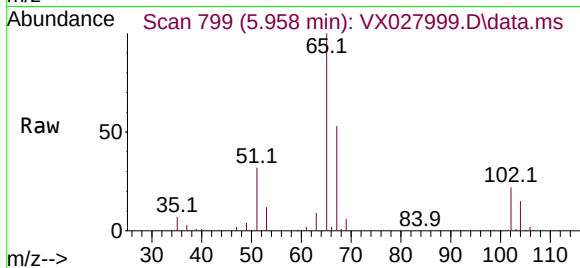
TB0331

Tgt Ion: 65 Resp: 60393

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027999.D

Acq: 06 Apr 2022 16:08

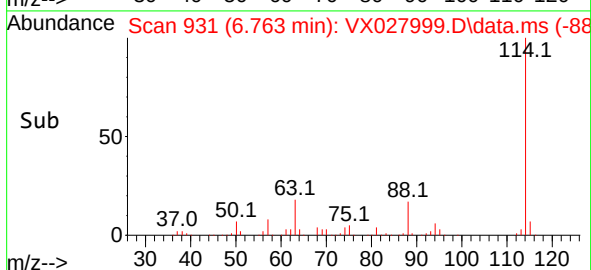
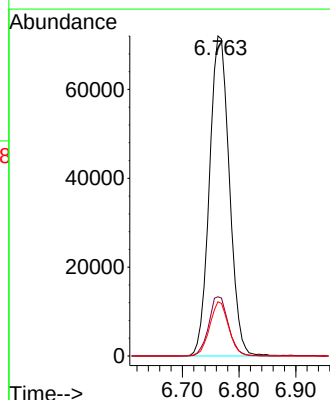
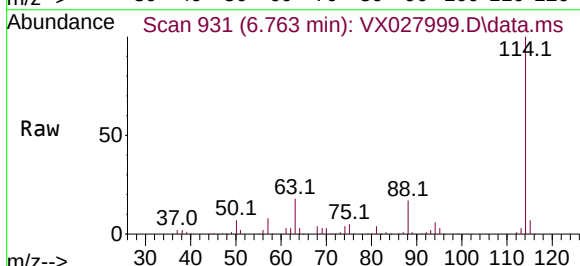
Tgt Ion: 114 Resp: 175805

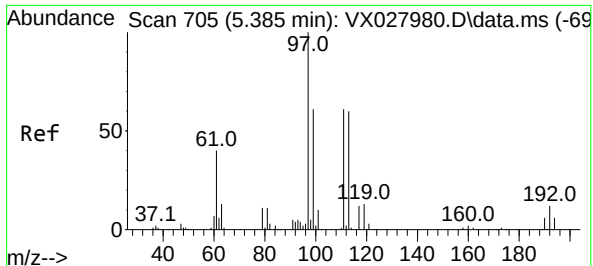
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.9 0.0 32.4

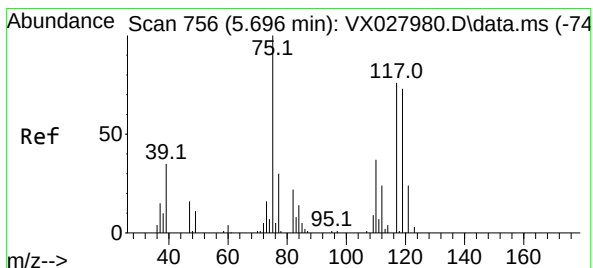
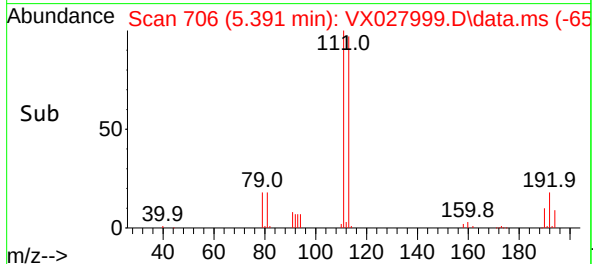
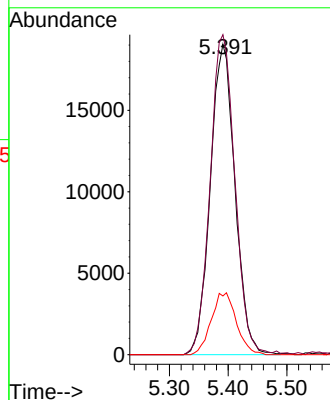
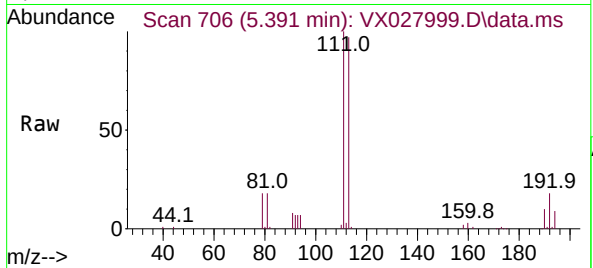




#35
Dibromofluoromethane
Concen: 46.610 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

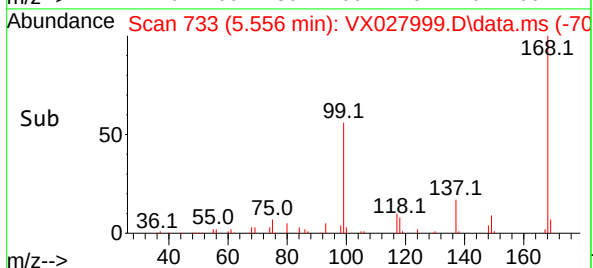
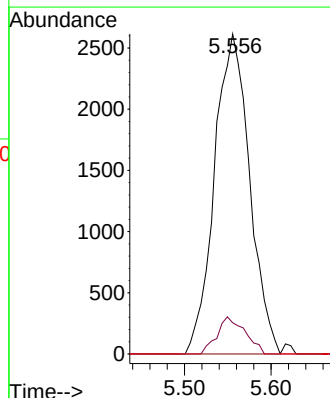
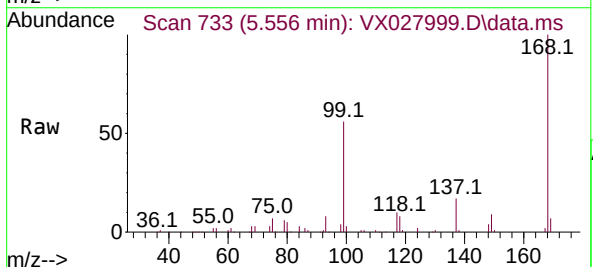
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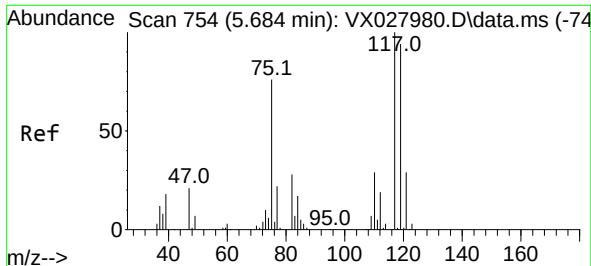
Tgt Ion:113 Resp: 55453
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 75 Resp: 7371
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#

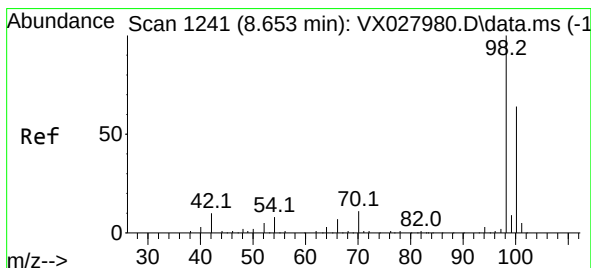
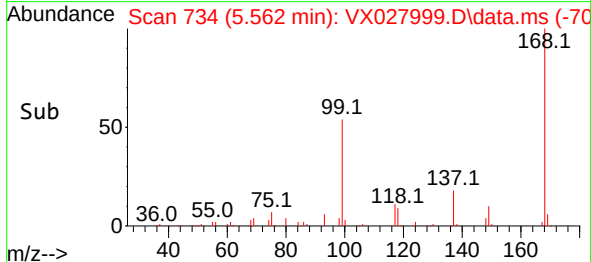
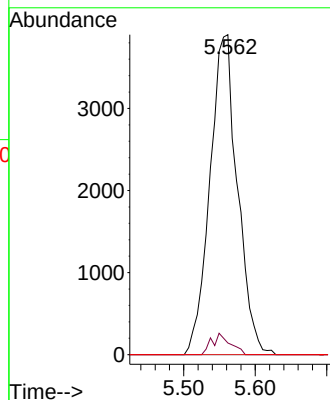
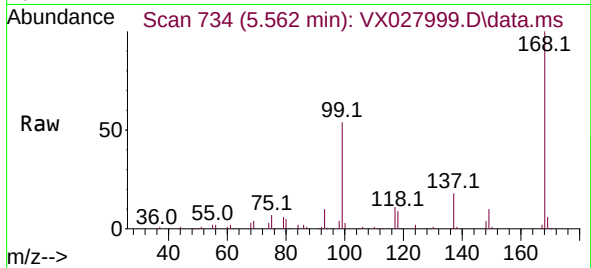




#38
Carbon Tetrachloride
Concen: 6.022 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

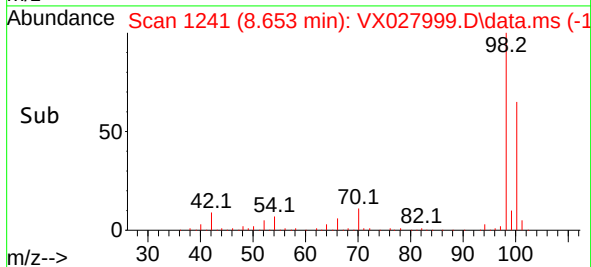
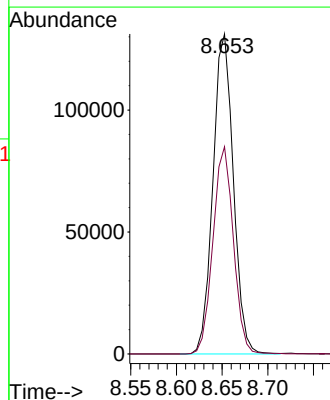
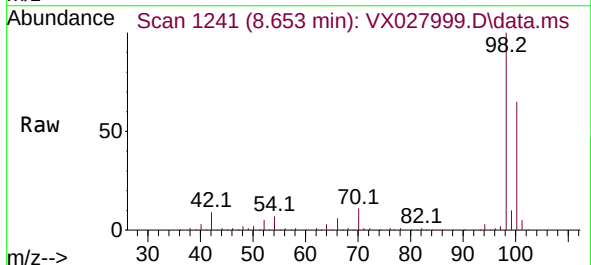
Instrument :
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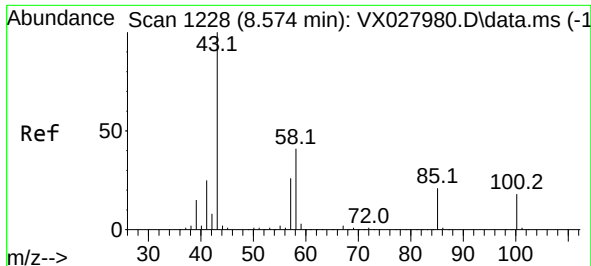
Tgt Ion:117 Resp: 10469
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.772 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 98 Resp: 203308
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

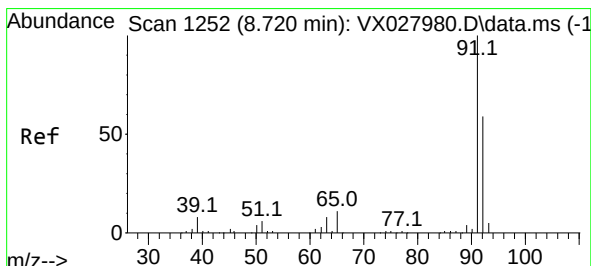
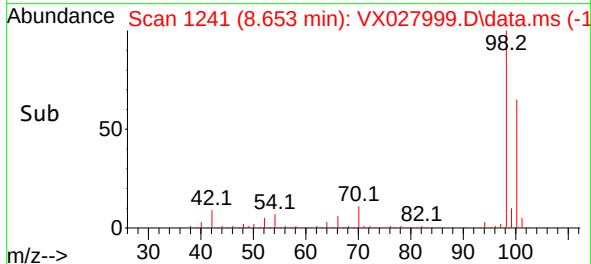
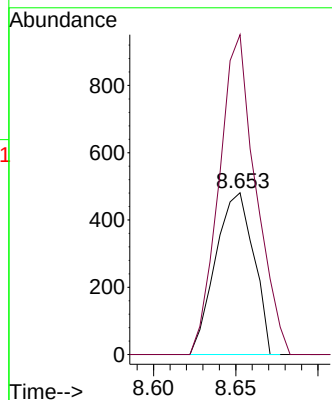
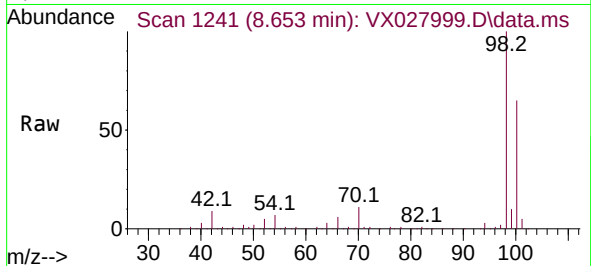




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

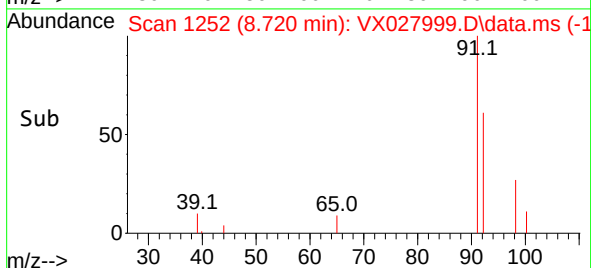
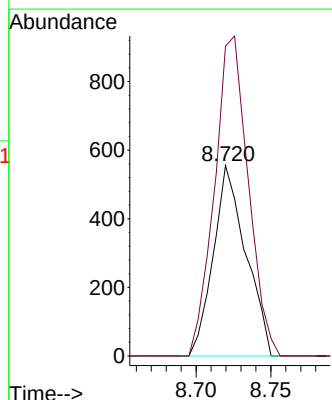
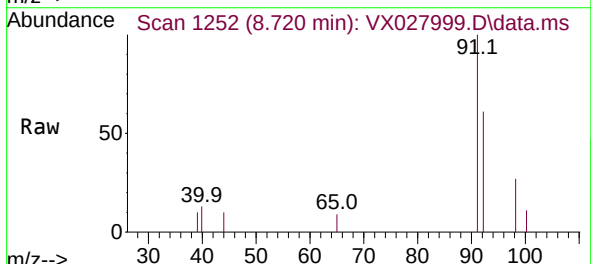
Instrument :
MSVOA_X
ClientSampleId :
TB0331

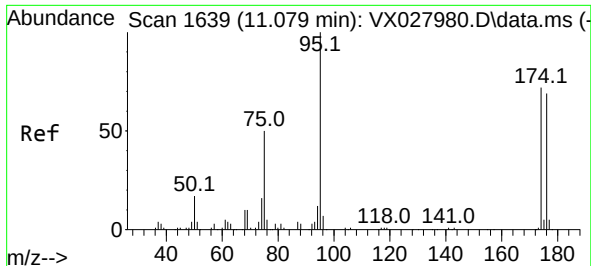
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 190.6 36.1 54.1#



#52
Toluene
Concen: 0.281 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027999.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 92 Resp: 840
Ion Ratio Lower Upper
92 100
91 174.2 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 47.079 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX027999.D

Acq: 06 Apr 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

TB0331

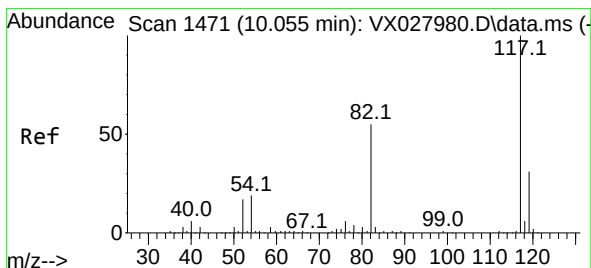
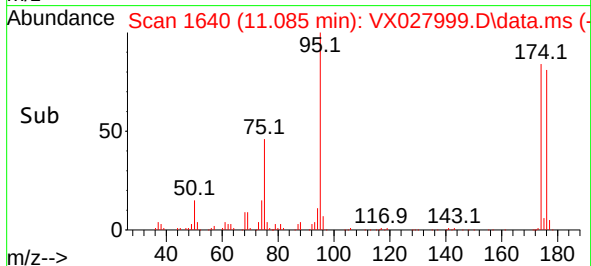
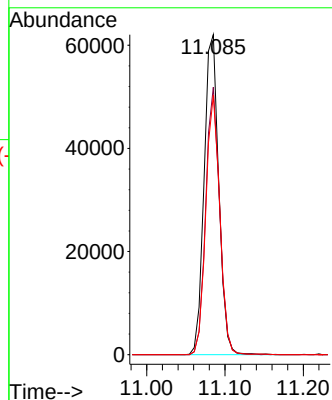
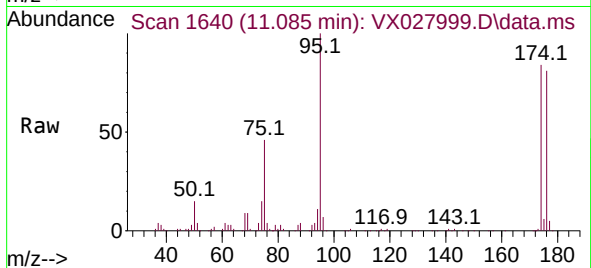
Tgt Ion: 95 Resp: 80475

Ion Ratio Lower Upper

95 100

174 79.1 0.0 163.0

176 77.5 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX027999.D

Acq: 06 Apr 2022 16:08

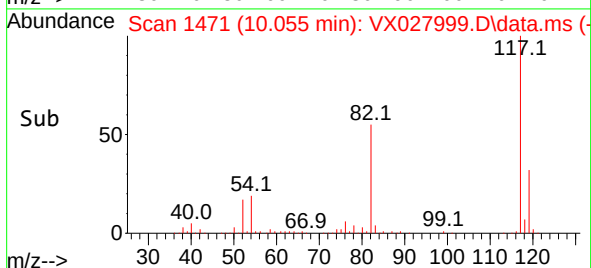
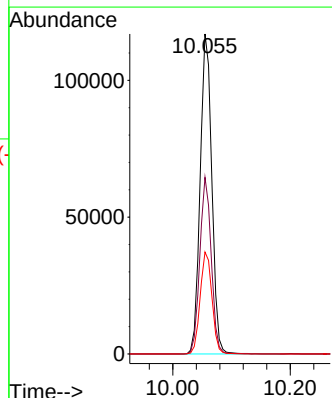
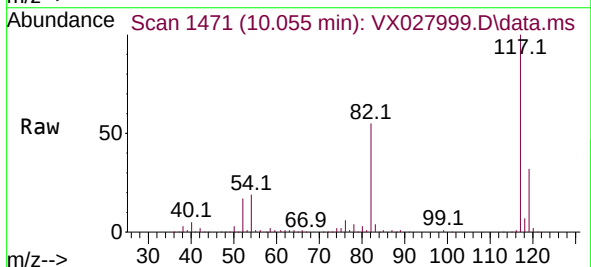
Tgt Ion: 117 Resp: 160924

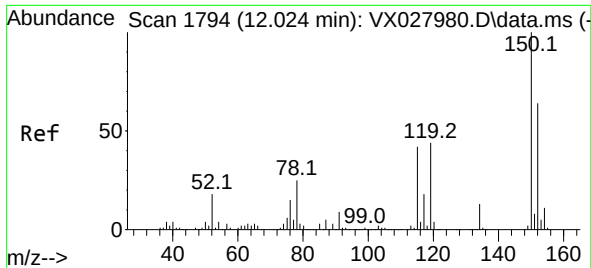
Ion Ratio Lower Upper

117 100

82 55.2 41.8 62.8

119 31.8 24.8 37.2

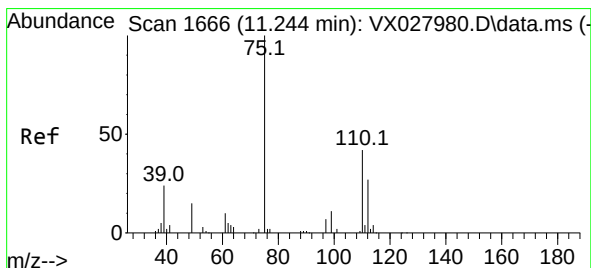
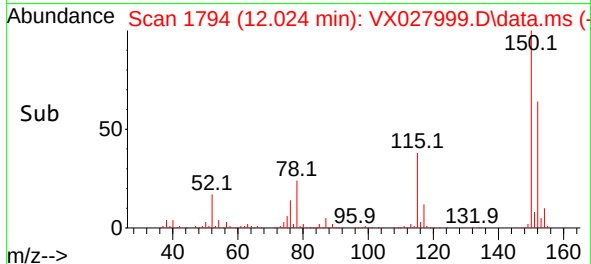
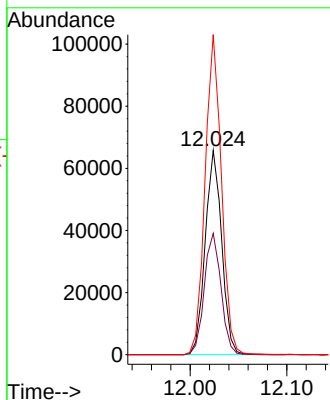
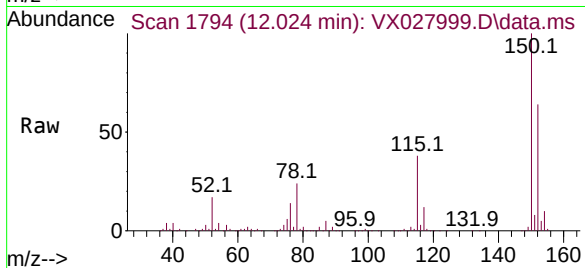




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027999.D
 Acq: 06 Apr 2022 16:08

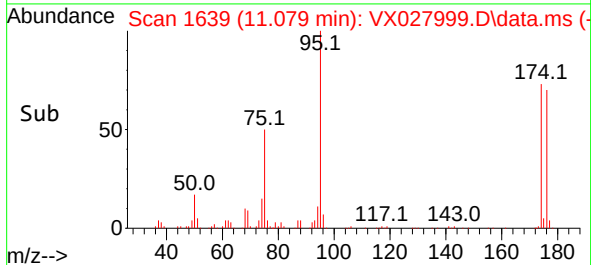
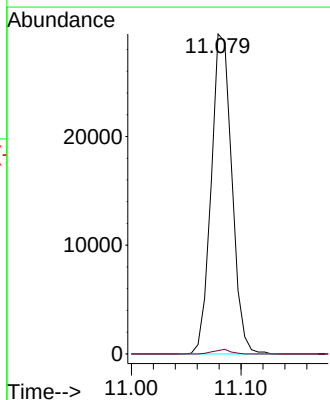
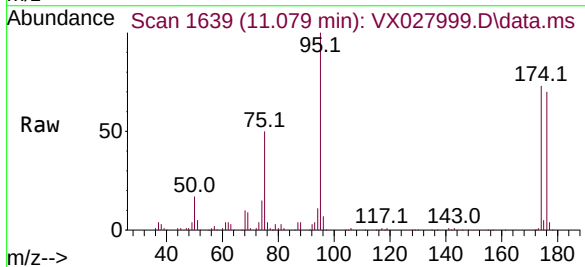
Instrument :
 MSVOA_X
 ClientSampleId :
 TB0331

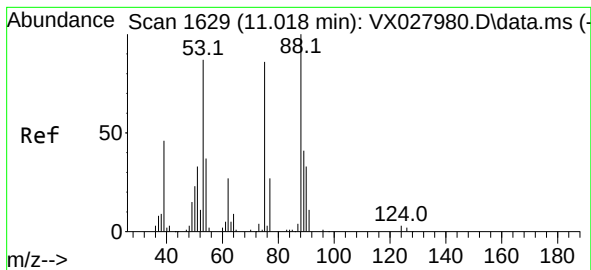
Tgt Ion:152 Resp: 77892
 Ion Ratio Lower Upper
 152 100
 115 60.2 37.5 112.7
 150 155.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.149 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027999.D
 Acq: 06 Apr 2022 16:08

Tgt Ion: 75 Resp: 38621
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.134 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027999.D
 Acq: 06 Apr 2022 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 TB0331

Tgt Ion: 75 Resp: 38621
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

