

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029255.D
 Acq On : 06 Jun 2022 22:57
 Operator : JC/MD
 Sample : VX0606WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBL02

Quant Time: Jun 07 06:08:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

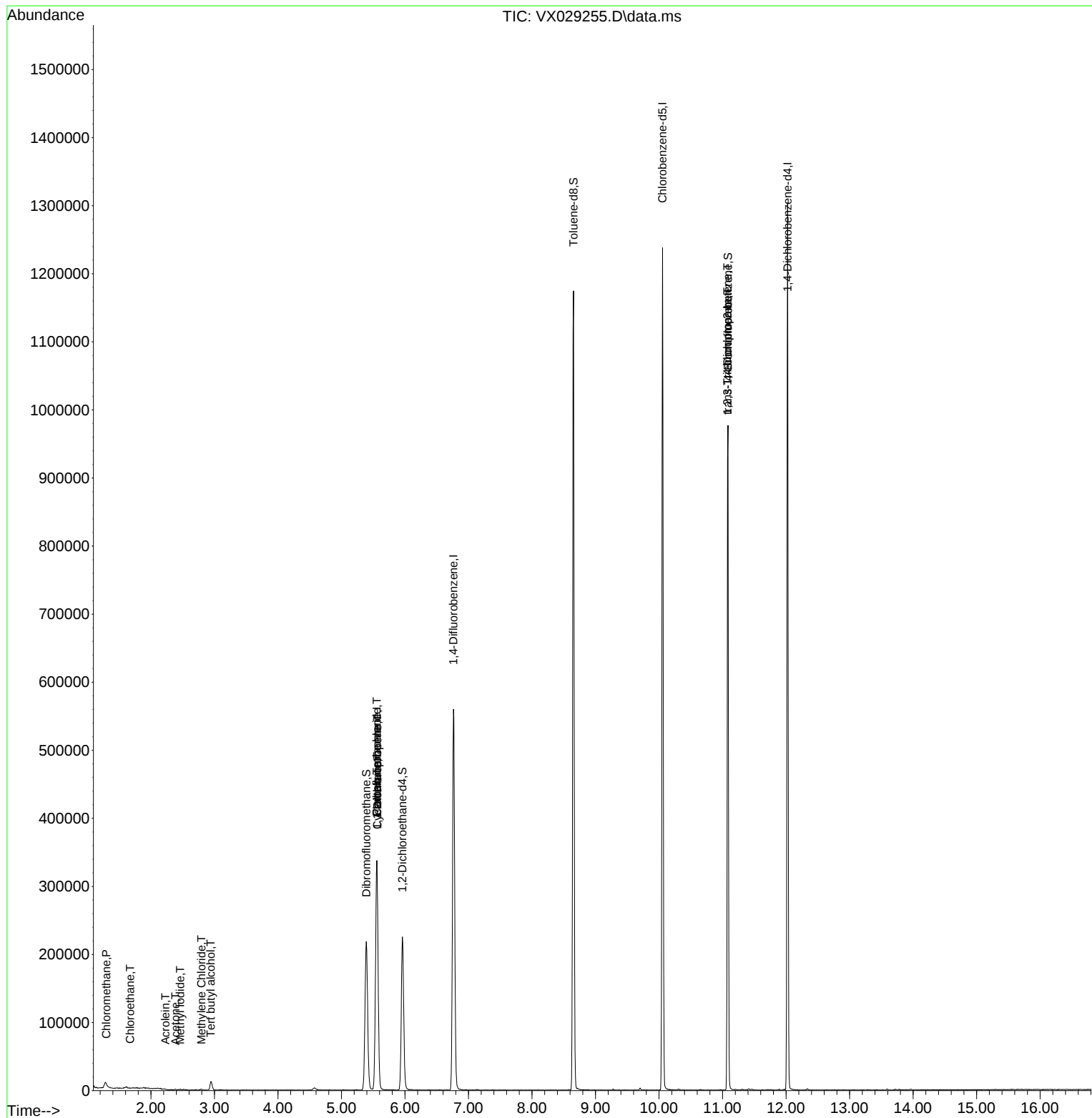
Internal Standards						
1) Pentafluorobenzene	5.556	168	313046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	588652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213732	60.547	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.100%	
35) Dibromofluoromethane	5.391	113	195746	50.063	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.120%	
50) Toluene-d8	8.653	98	703292	49.180	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	11.085	95	279452	50.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	910	0.320	ug/l	94
5) Bromomethane	1.618	94	930	Below Cal		98
6) Chloroethane	1.672	64	959	1.744	ug/l #	43
10) Methyl Iodide	2.459	142	1331	4.571	ug/l #	91
11) Tert butyl alcohol	2.941	59	7802	9.541	ug/l #	72
13) Acrolein	2.227	56	123	0.332	ug/l #	1
16) Acetone	2.386	43	1181	0.850	ug/l	100
20) Methylene Chloride	2.794	84	764	0.236	ug/l #	76
31) Cyclohexane	5.562	56	5783	1.260	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	25337	5.036	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32497	5.652	ug/l #	15
44) Trichloroethene	7.135	130	375	Below Cal		72
76) 1,2,3-Trichloropropane	11.079	75	135411	25.422	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135411	74.584	ug/l #	15
94) Hexachlorobutadiene	13.725	225	390	Below Cal	#	44

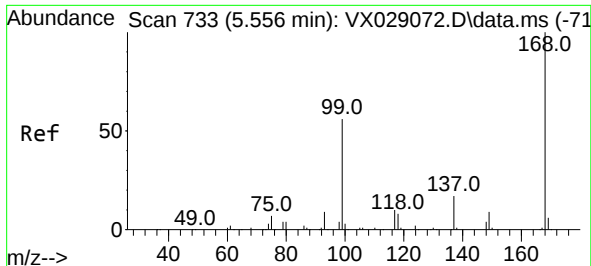
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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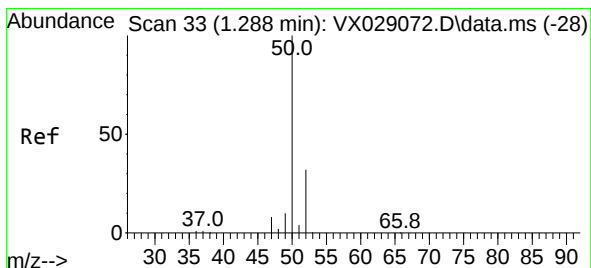
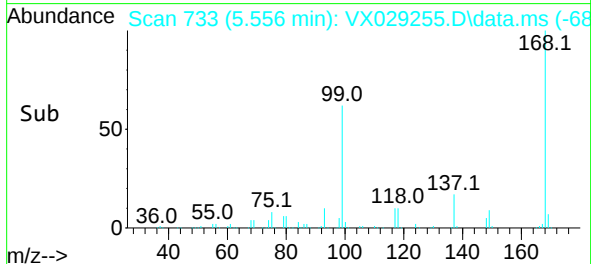
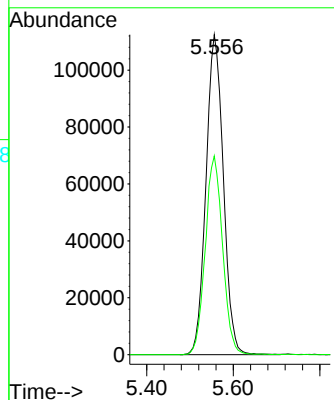
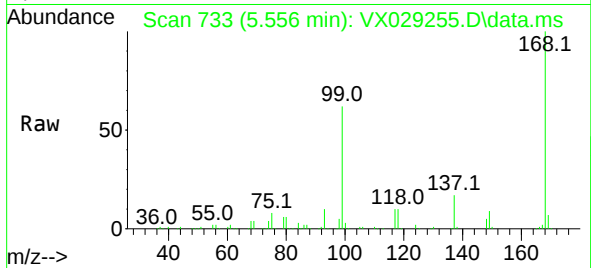




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

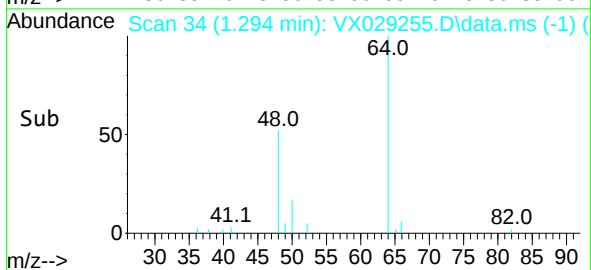
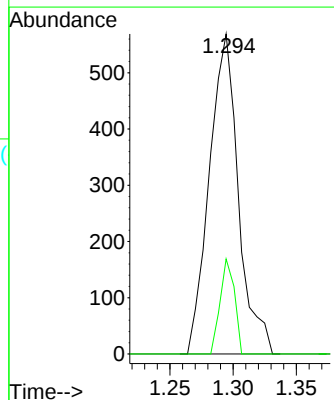
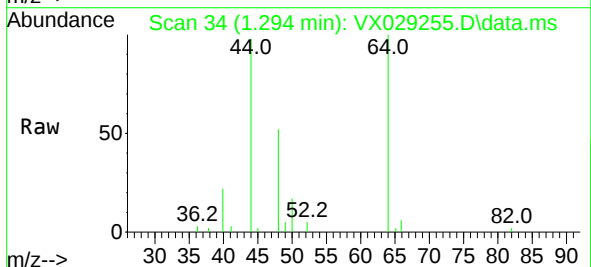
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

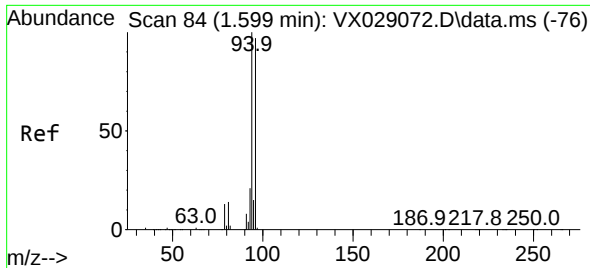
Tgt Ion:168 Resp: 313046
Ion Ratio Lower Upper
168 100
99 62.1 41.7 62.5



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 29.7 26.4 39.6

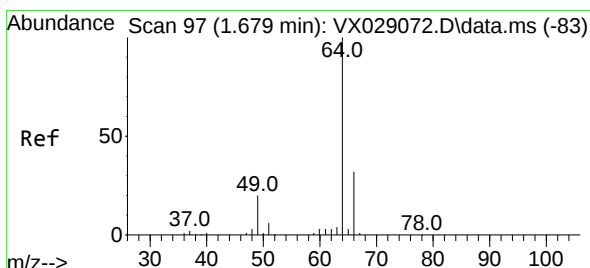
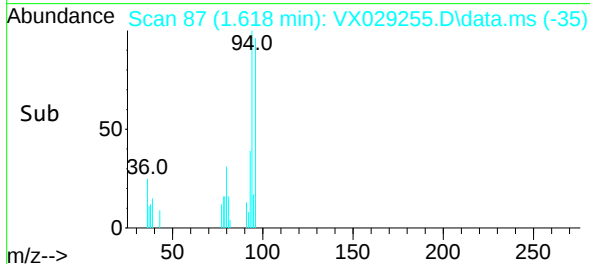
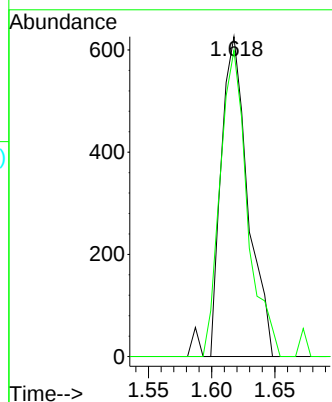
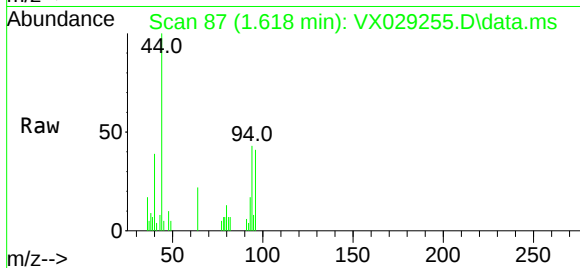




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

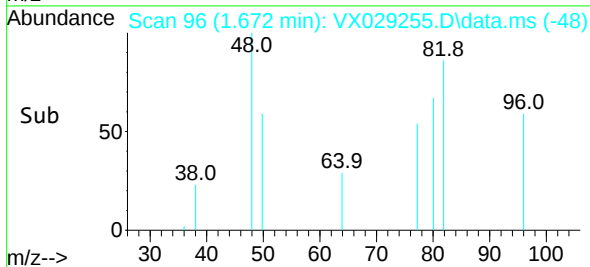
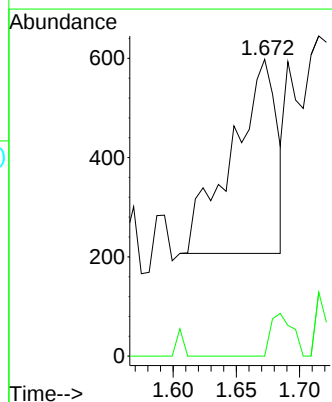
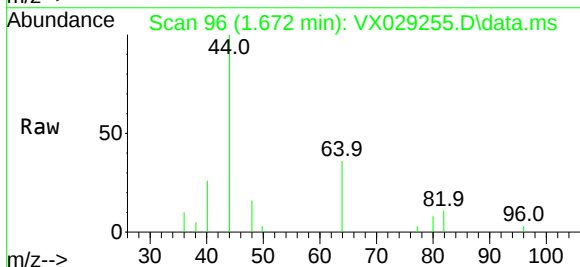
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

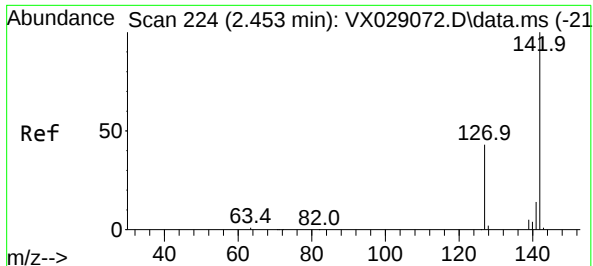
Tgt Ion: 94 Resp: 930
Ion Ratio Lower Upper
94 100
96 95.7 75.3 112.9



#6
Chloroethane
Concen: 1.744 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion: 64 Resp: 959
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

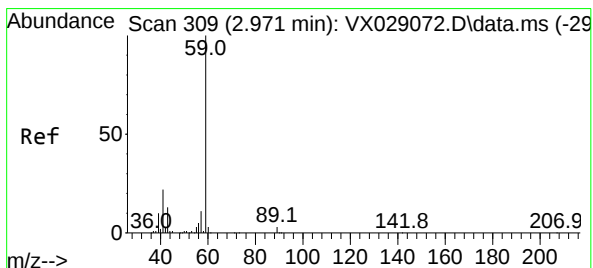
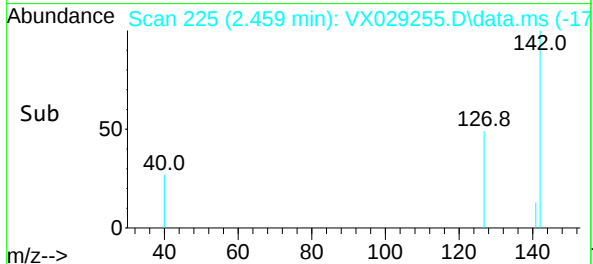
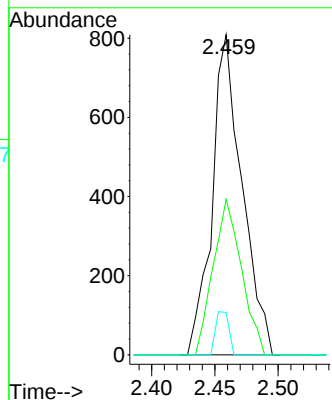
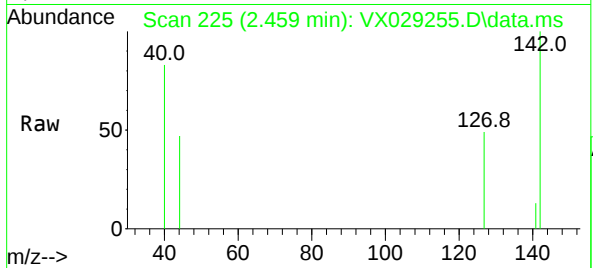




#10
Methyl Iodide
Concen: 4.571 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

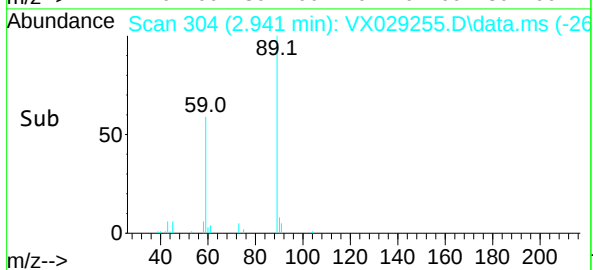
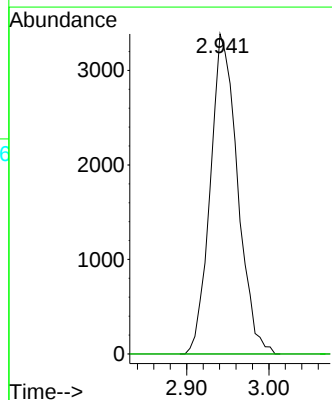
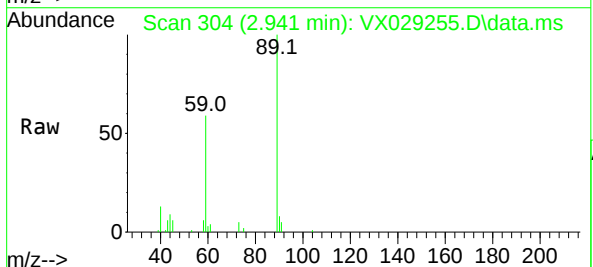
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

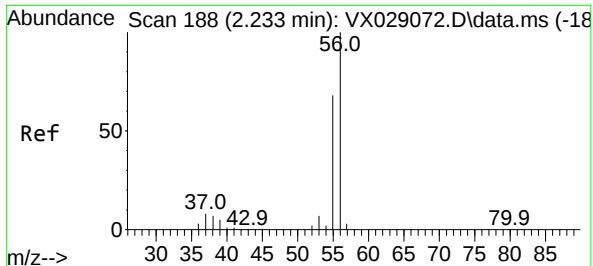
Tgt Ion:142 Resp: 1331
Ion Ratio Lower Upper
142 100
127 45.8 33.9 50.9
141 5.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: 9.541 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion: 59 Resp: 7802
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

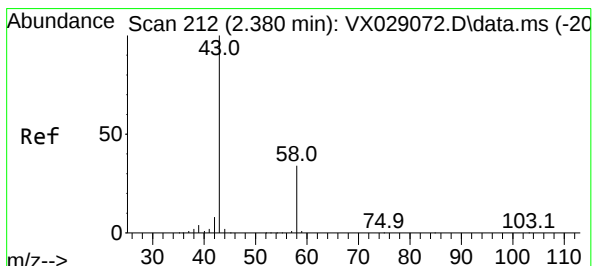
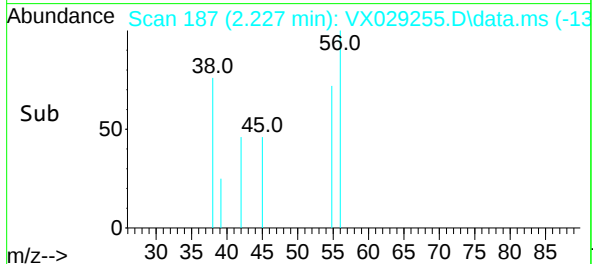
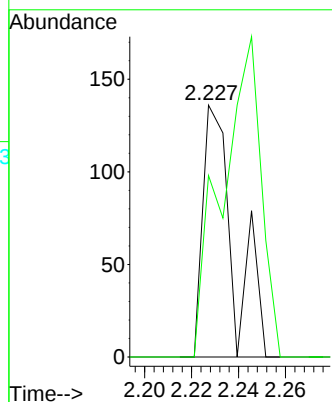
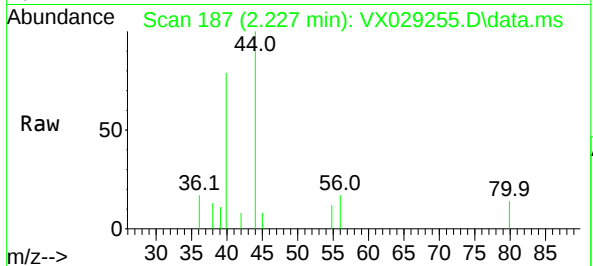




#13
Acrolein
Concen: 0.332 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

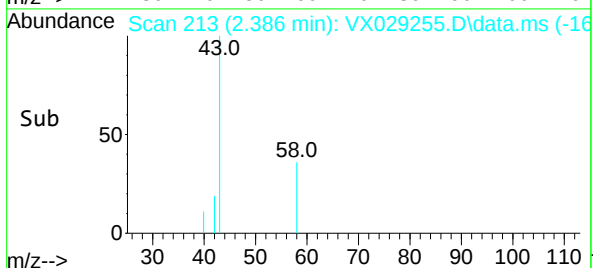
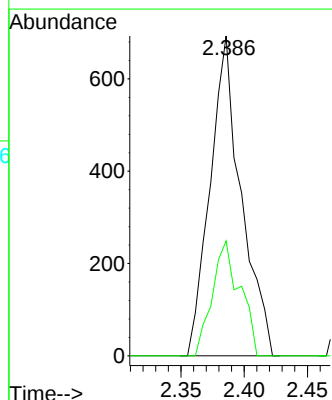
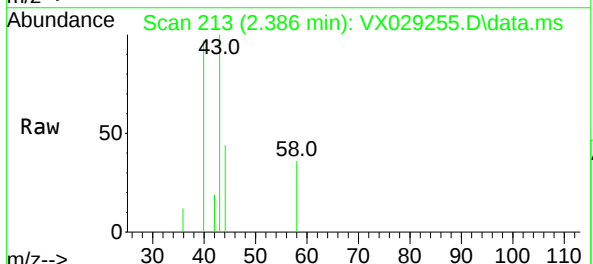
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

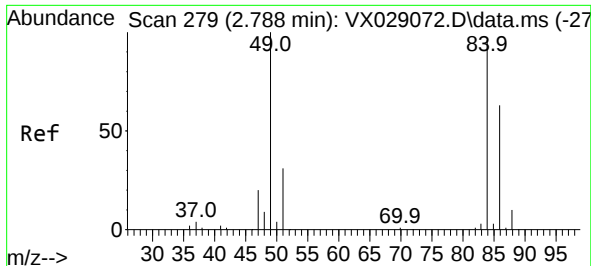
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 161.8 55.0 82.6#



#16
Acetone
Concen: 0.850 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

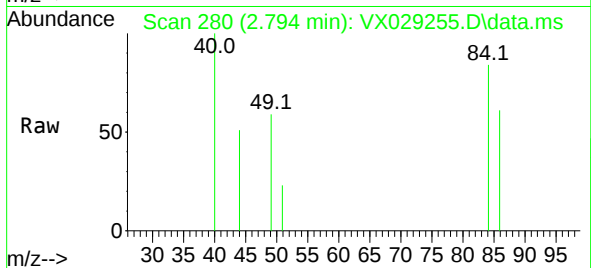
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2



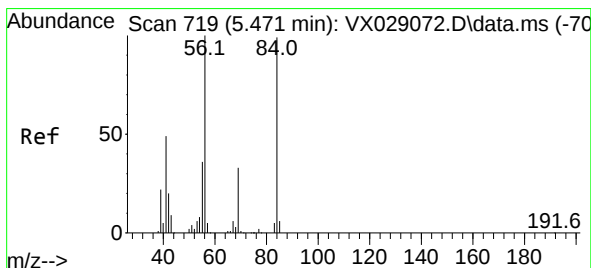
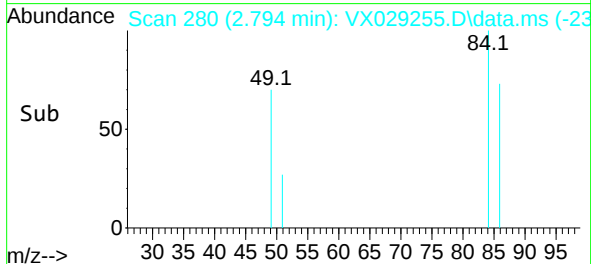
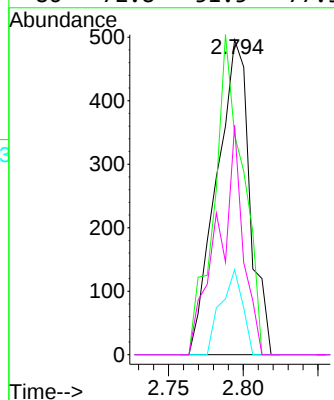


#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

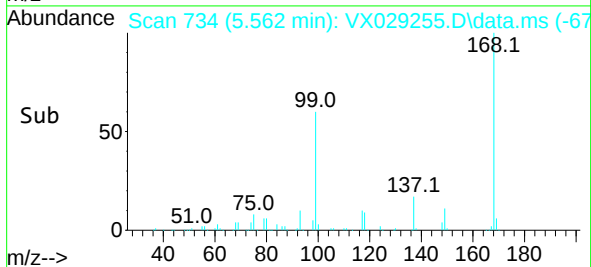
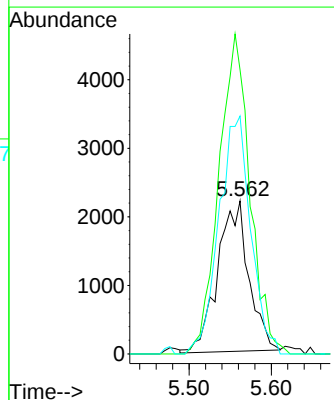
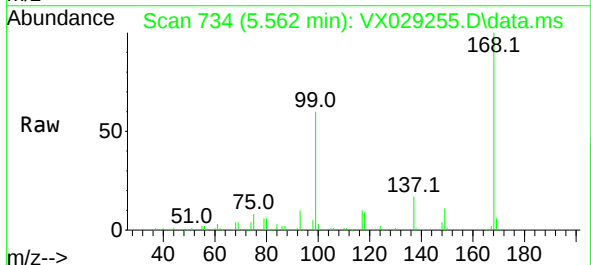


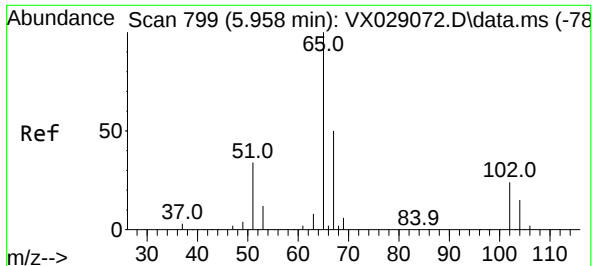
Tgt Ion:	84	Resp:	764
Ion	Ratio	Lower	Upper
84	100		
49	69.8	85.5	128.3#
51	27.0	26.6	39.8
86	72.8	51.5	77.3



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion:	56	Resp:	5783
Ion	Ratio	Lower	Upper
56	100		
69	190.8	26.7	40.1#
84	159.8	77.2	115.8#

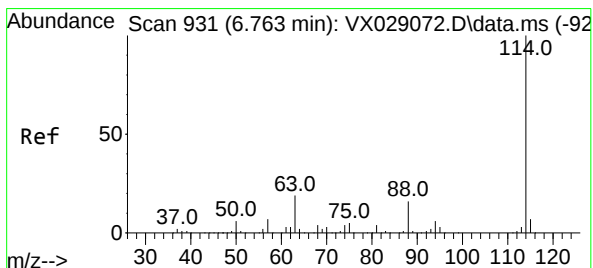
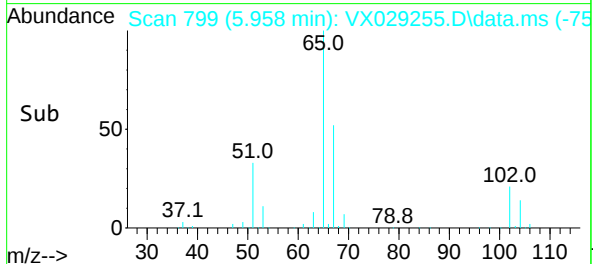
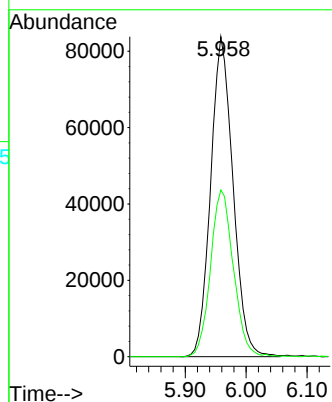
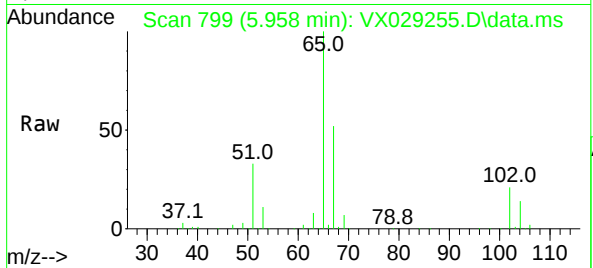




#33
 1,2-Dichloroethane-d4
 Concen: 60.547 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029255.D
 Acq: 06 Jun 2022 22:57

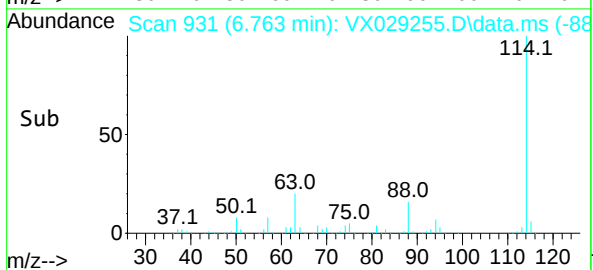
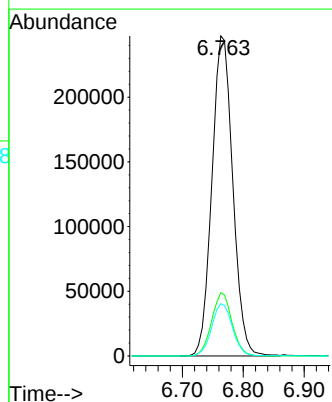
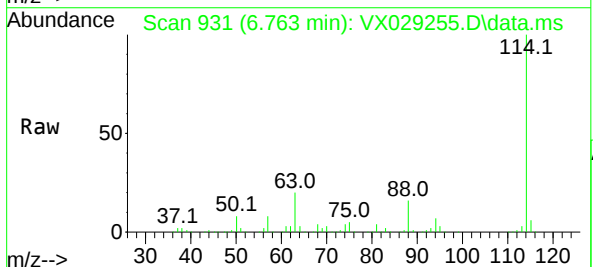
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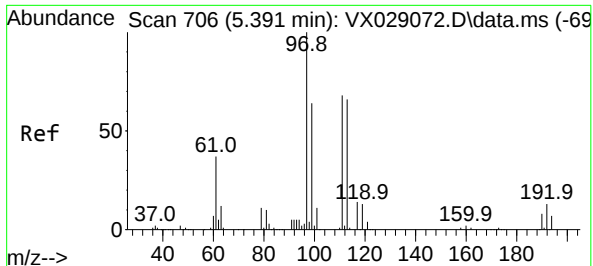
Tgt Ion: 65 Resp: 213732
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029255.D
 Acq: 06 Jun 2022 22:57

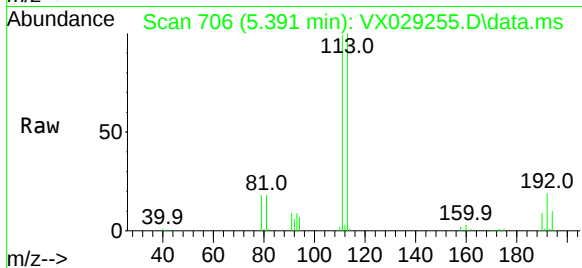
Tgt Ion: 114 Resp: 588652
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.8
 88 16.3 0.0 32.4



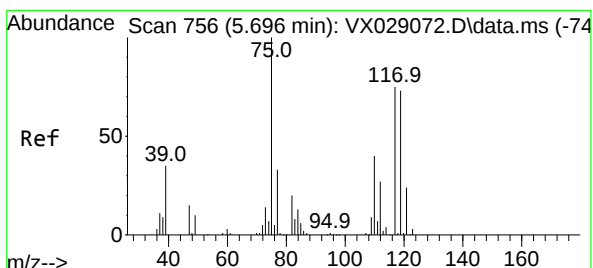
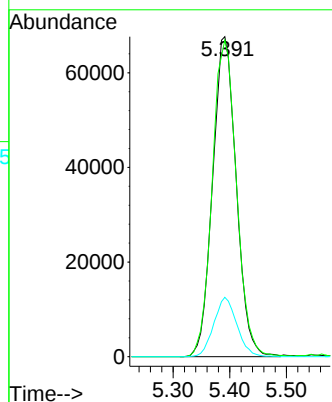
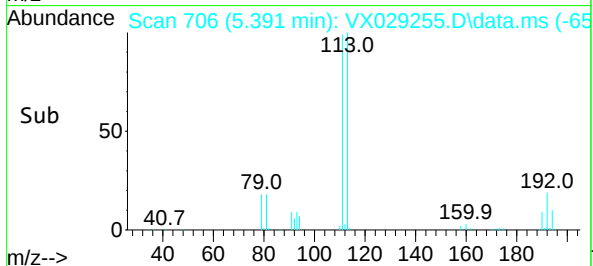


#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

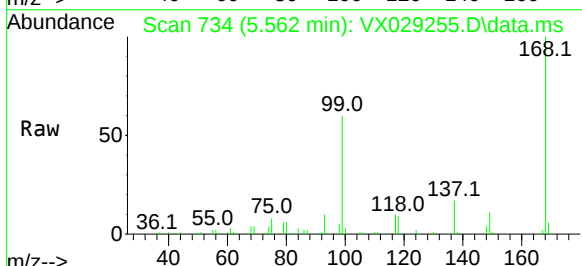
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02



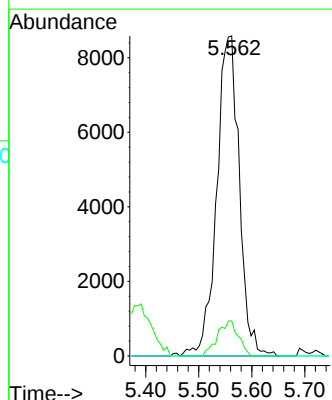
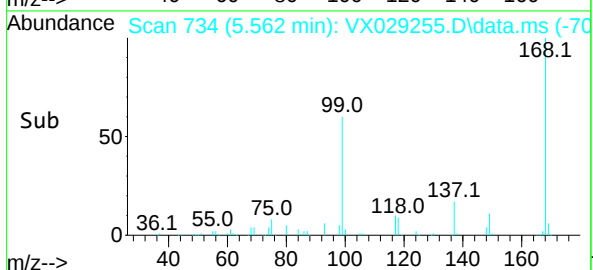
Tgt Ion:113 Resp: 195746
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 18.2 16.9 25.3

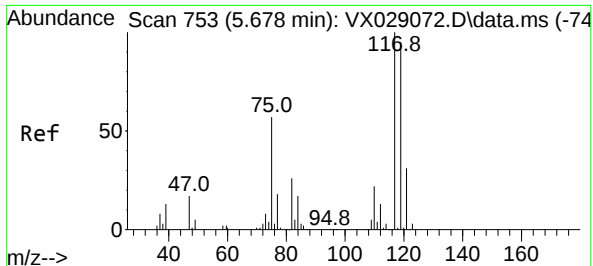


#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57



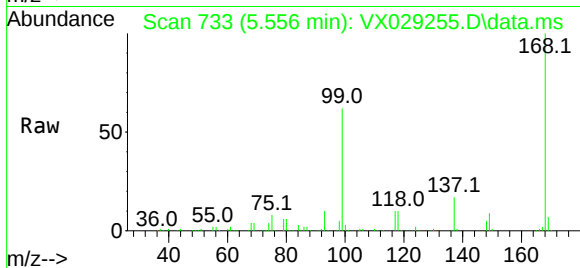
Tgt Ion: 75 Resp: 25337
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



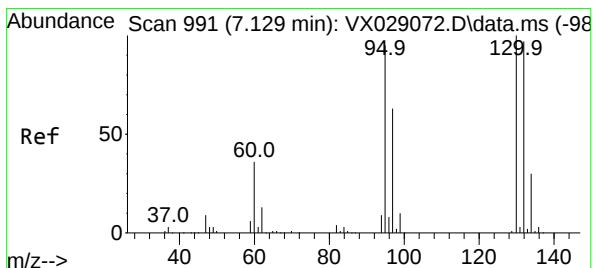
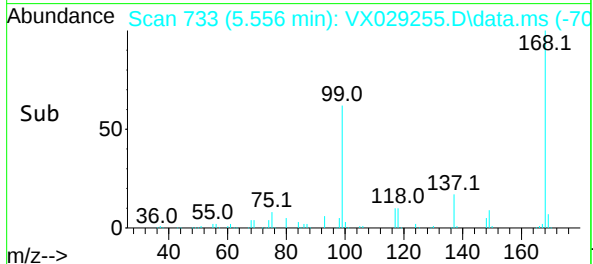
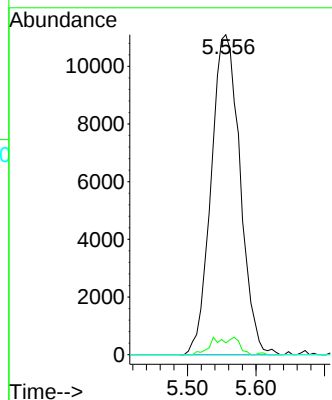


#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

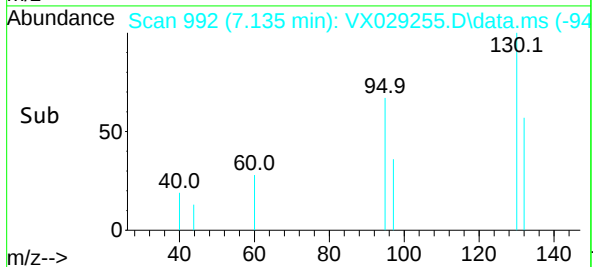
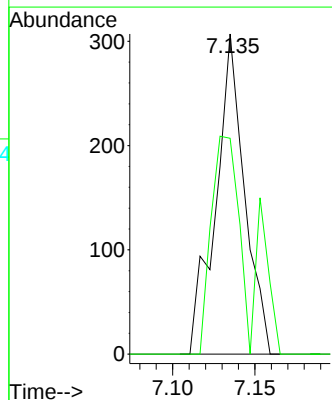
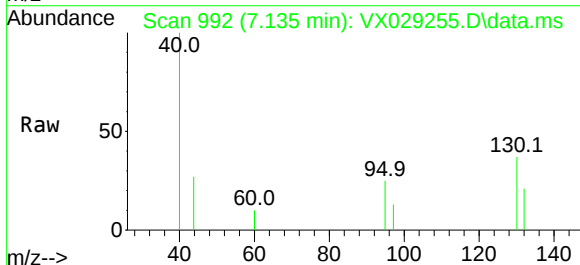


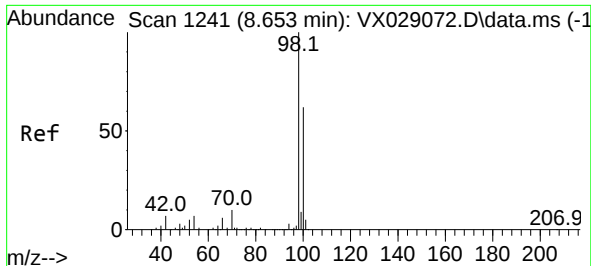
Tgt Ion:117 Resp: 32497
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion:130 Resp: 375
Ion Ratio Lower Upper
130 100
95 67.4 0.0 188.8

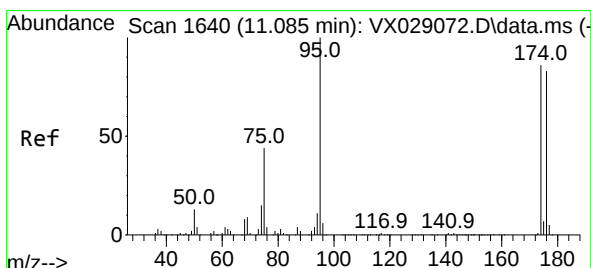
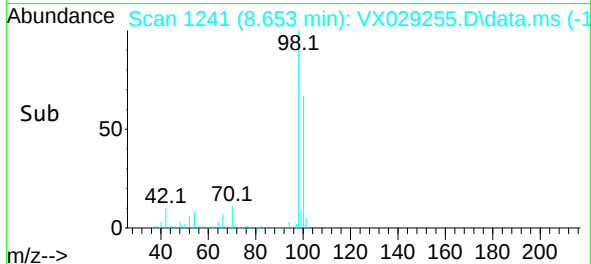
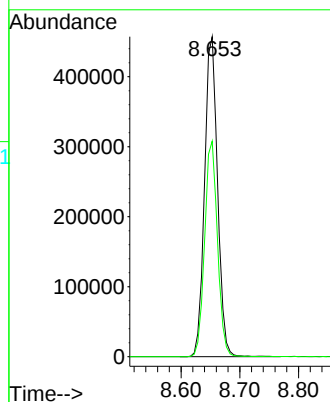
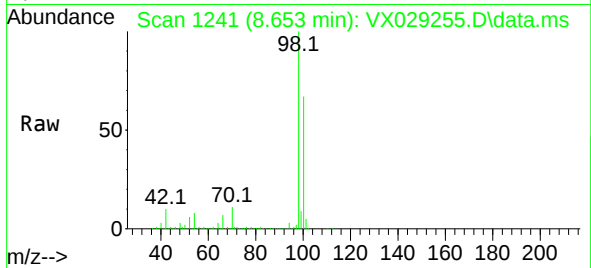




#50
Toluene-d8
Concen: 49.180 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

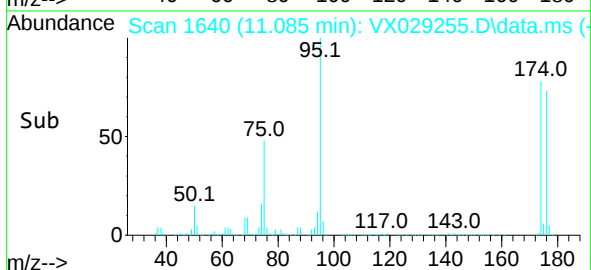
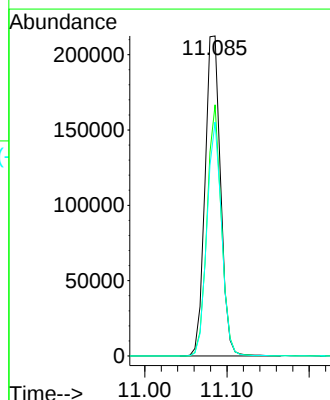
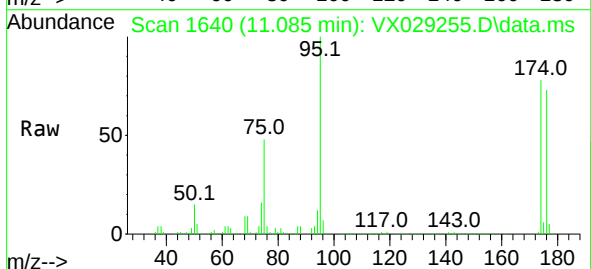
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

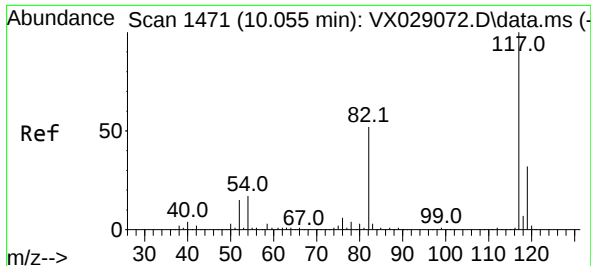
Tgt Ion: 98 Resp: 703292
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion: 95 Resp: 279452
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 69.1 0.0 155.0

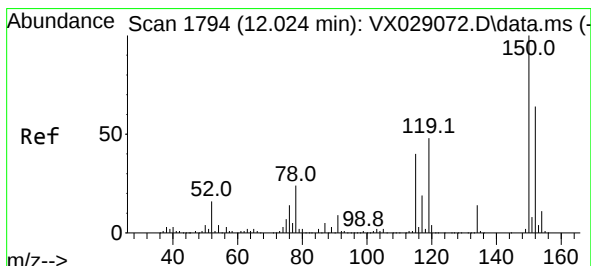
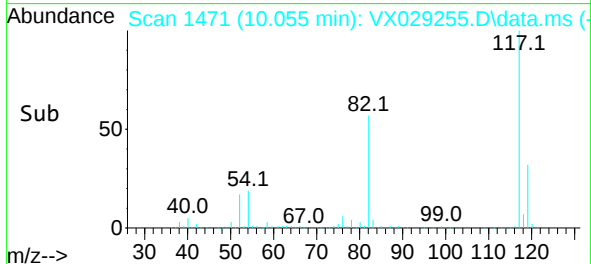
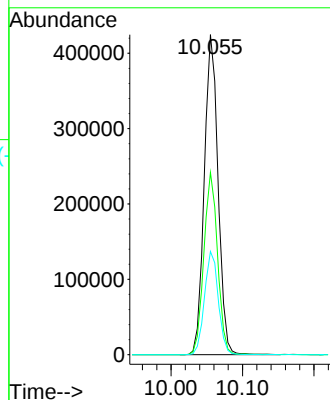
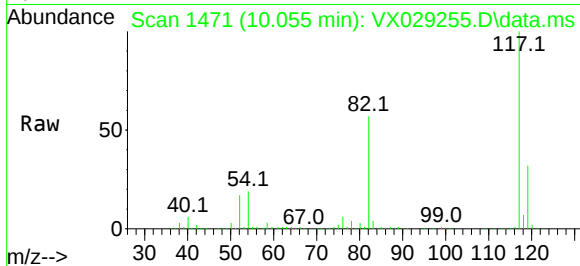




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

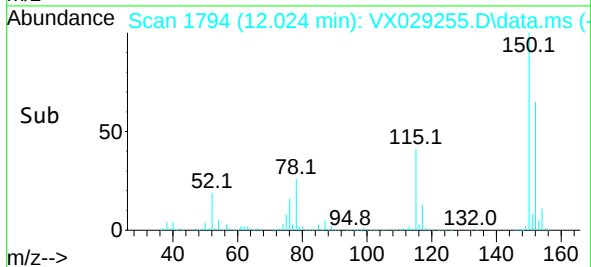
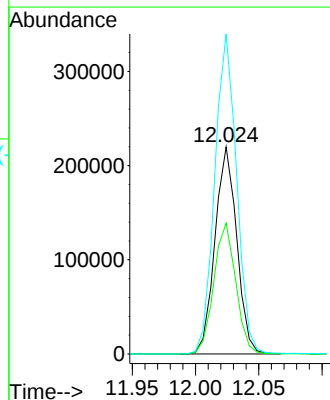
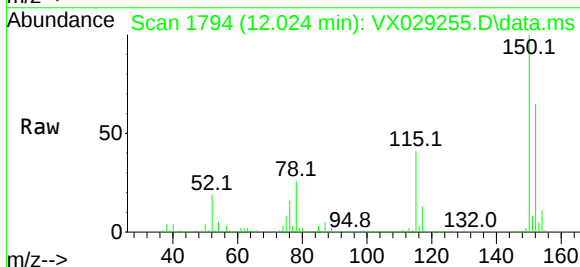
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

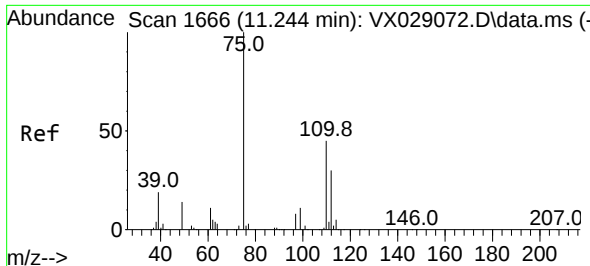
Tgt Ion:117 Resp: 568946
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

Tgt Ion:152 Resp: 262755
Ion Ratio Lower Upper
152 100
115 63.9 37.5 112.7
150 155.7 0.0 338.2

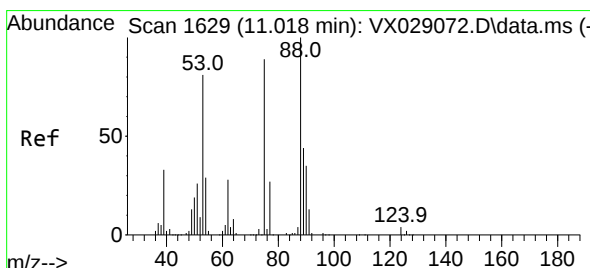
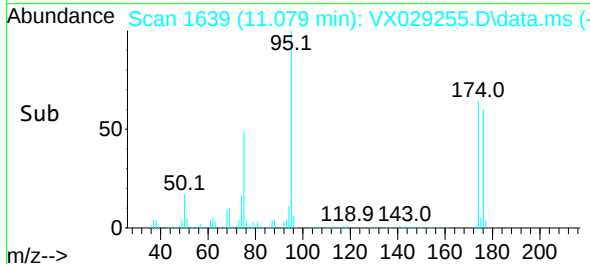
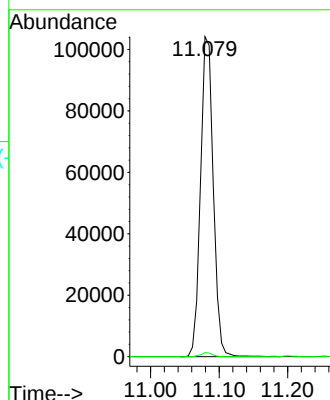
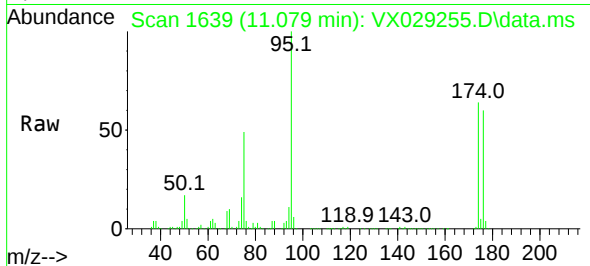




#76
1,2,3-Trichloropropane
Concen: 25.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

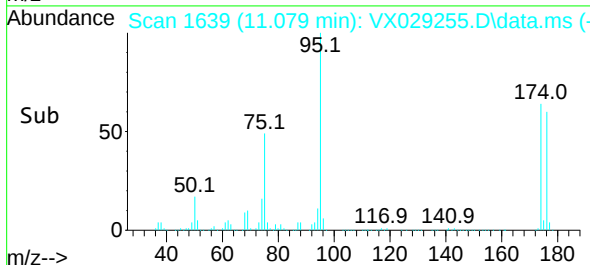
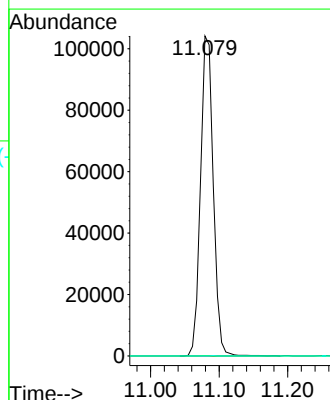
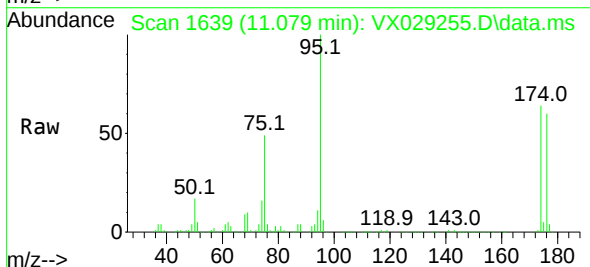
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL02

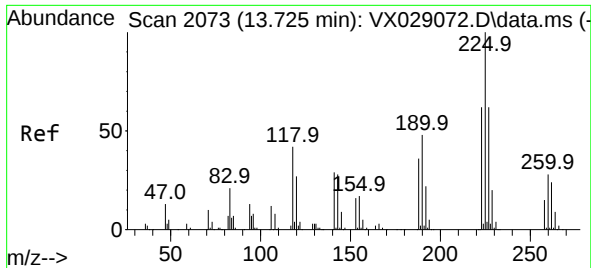
Tgt Ion: 75 Resp: 135411
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029255.D
Acq: 06 Jun 2022 22:57

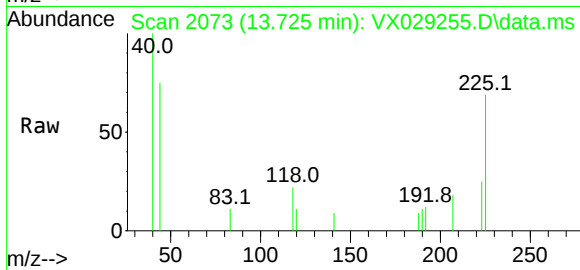
Tgt Ion: 75 Resp: 135411
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX029255.D
 Acq: 06 Jun 2022 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBL02



Tgt Ion:	225	Resp:	390
Ion	Ratio	Lower	Upper
225	100		
223	37.7	34.2	102.5
227	7.9	33.9	101.7#

