

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029164.D
 Acq On : 03 Jun 2022 03:35
 Operator : JC/MD
 Sample : VX0602WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 04:38:00 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)

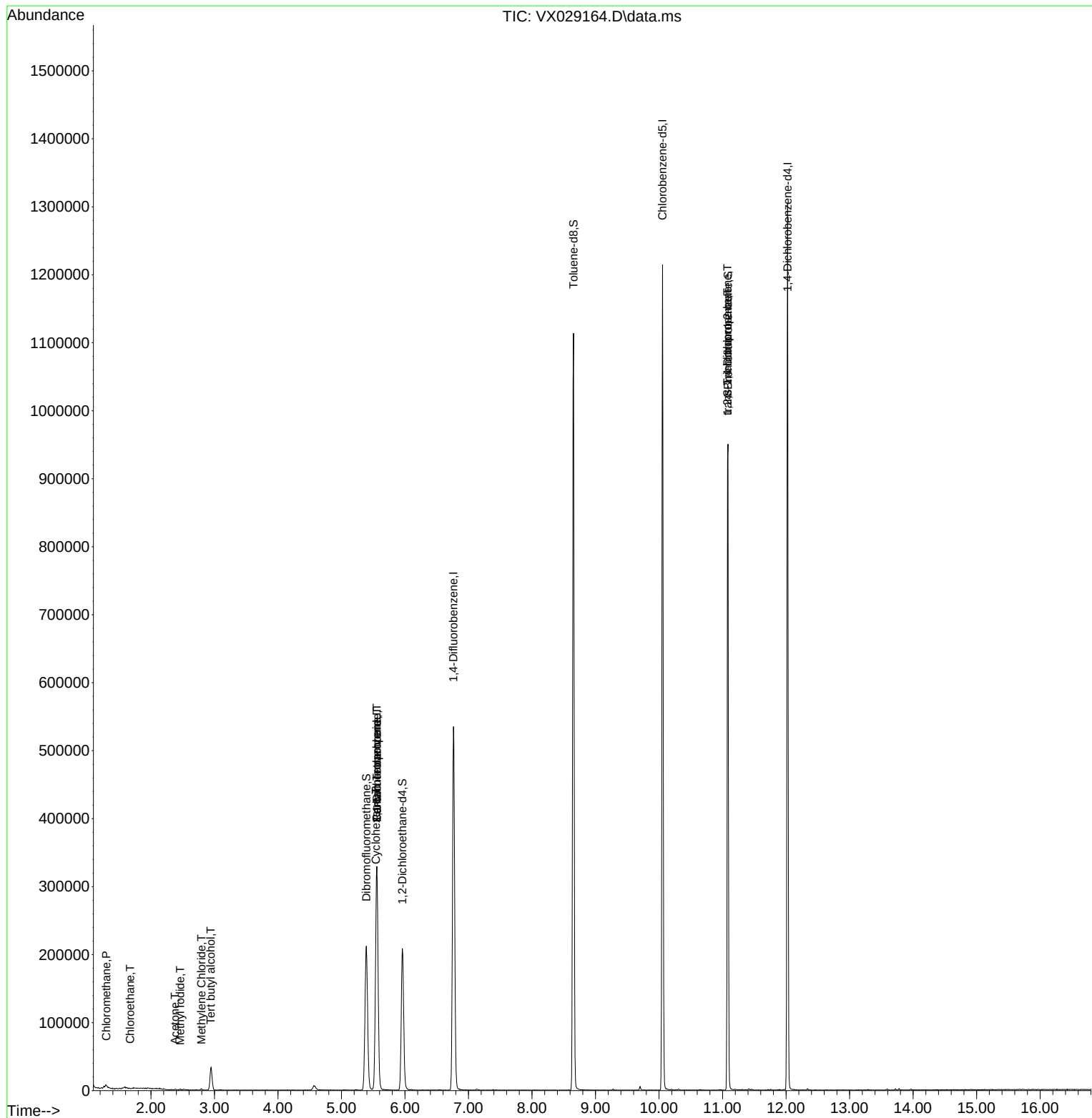
Internal Standards						
1) Pentafluorobenzene	5.556	168	310240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	576660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198317	56.688	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.380%
35) Dibromofluoromethane	5.391	113	187515	48.956	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.920%
50) Toluene-d8	8.653	98	676722	48.306	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.085	95	274879	50.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	690	0.244	ug/l #	85
5) Bromomethane	1.618	94	926	Below Cal		96
6) Chloroethane	1.672	64	176	1.468	ug/l #	43
10) Methyl Iodide	2.459	142	1348	4.579	ug/l	95
11) Tert butyl alcohol	2.941	59	18712	23.089	ug/l #	74
16) Acetone	2.380	43	1379	1.001	ug/l #	83
20) Methylene Chloride	2.794	84	703	0.219	ug/l #	83
31) Cyclohexane	5.544	56	6036	1.327	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24318	4.934	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32608	5.789	ug/l #	16
44) Trichloroethene	7.135	130	628	Below Cal		74
76) 1,2,3-Trichloropropane	11.079	75	132093	24.333	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	132093	71.388	ug/l #	15
94) Hexachlorobutadiene	13.725	225	337	Below Cal		76

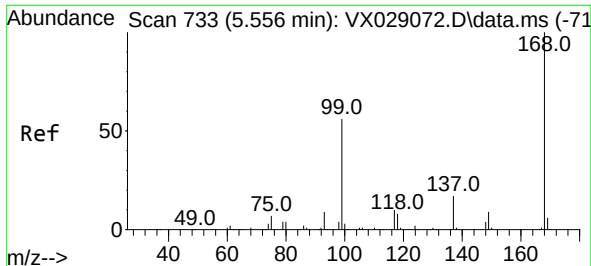
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

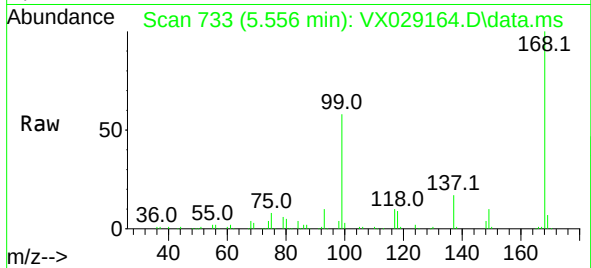
Lab File: VX029164.D

Acq: 03 Jun 2022 03:35

Instrument :

MSVOA_X

ClientSampleId :

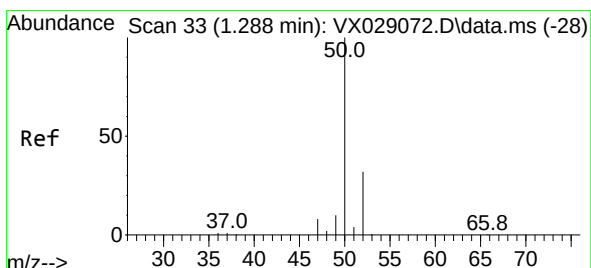
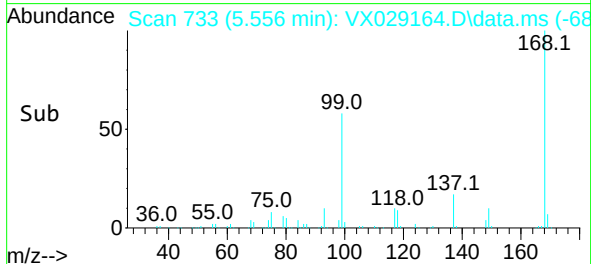
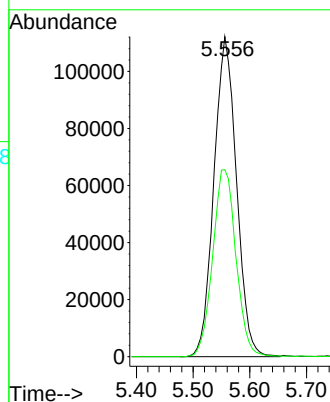


Tgt Ion:168 Resp: 310240

Ion Ratio Lower Upper

168 100

99 58.4 41.7 62.5



#3

Chloromethane

Concen: 0.244 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX029164.D

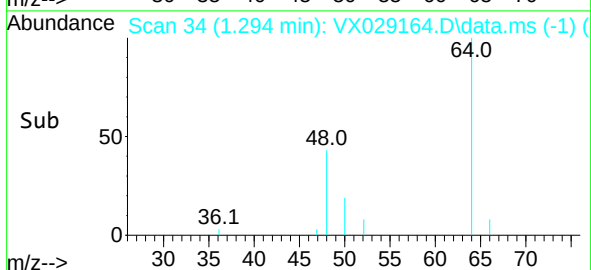
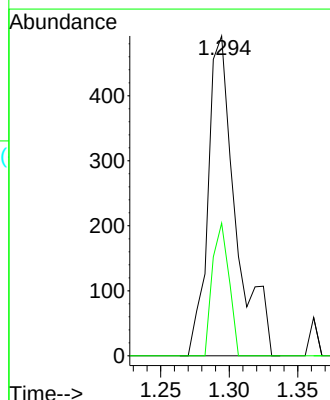
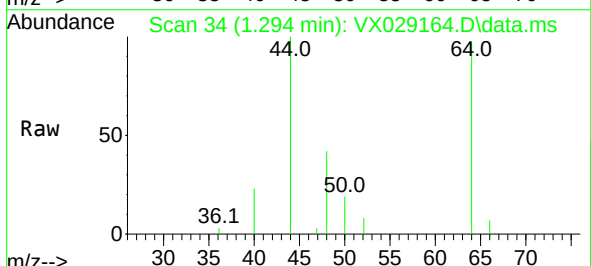
Acq: 03 Jun 2022 03:35

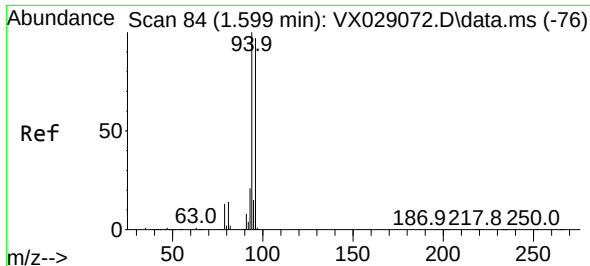
Tgt Ion: 50 Resp: 690

Ion Ratio Lower Upper

50 100

52 41.5 26.4 39.6#

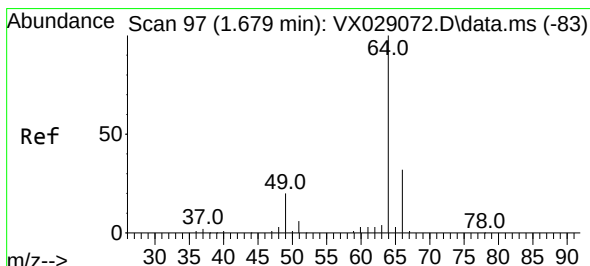
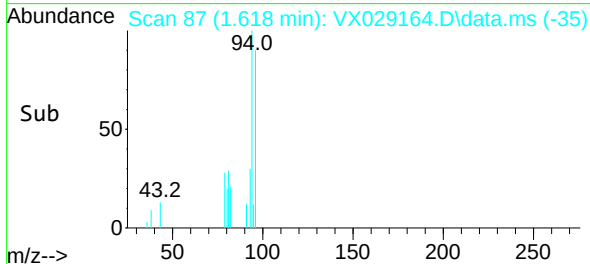
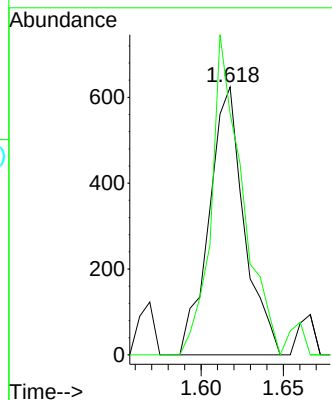
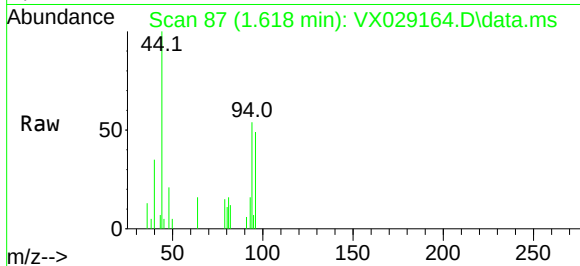




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

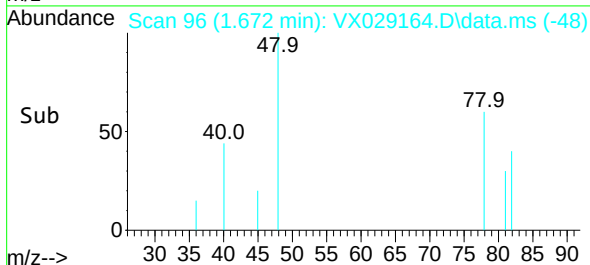
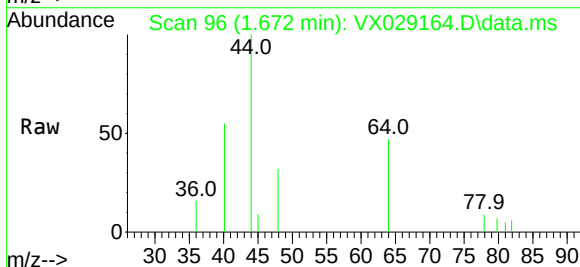
Instrument :
MSVOA_X
ClientSampleId :

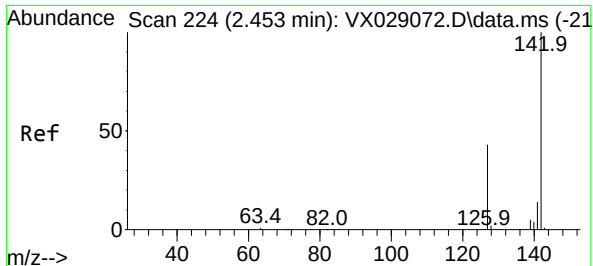
Tgt Ion: 94 Resp: 926
Ion Ratio Lower Upper
94 100
96 90.1 75.3 112.9



#6
Chloroethane
Concen: 1.468 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

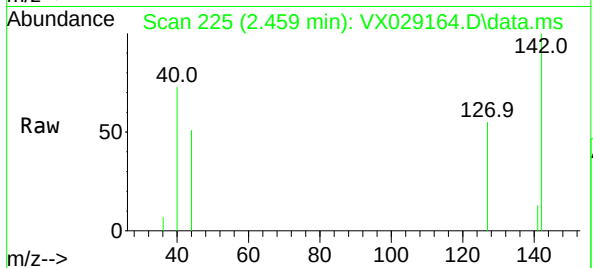
Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



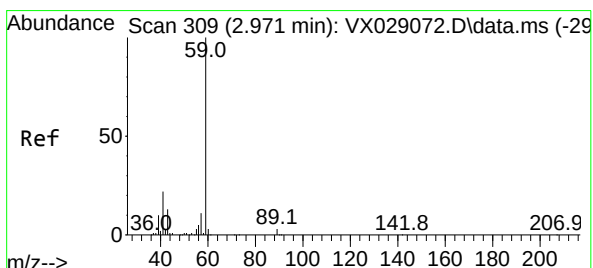
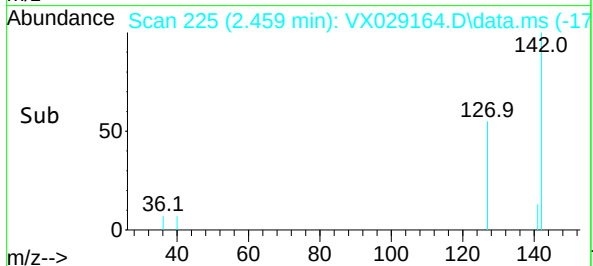
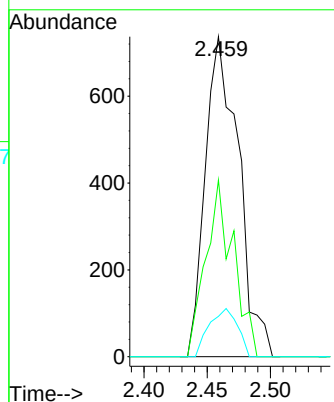


#10
Methyl Iodide
Concen: 4.579 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Instrument :
MSVOA_X
ClientSampleId :

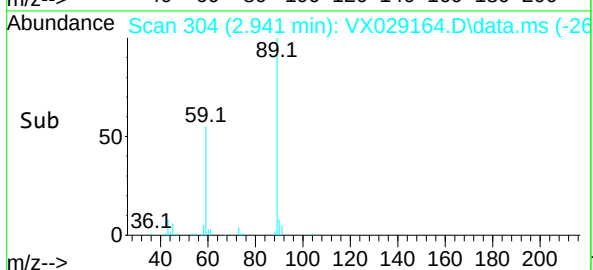
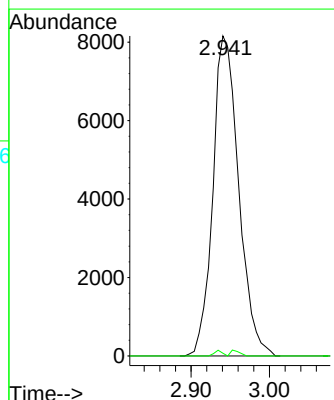
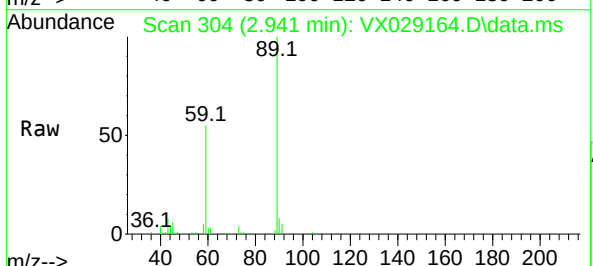


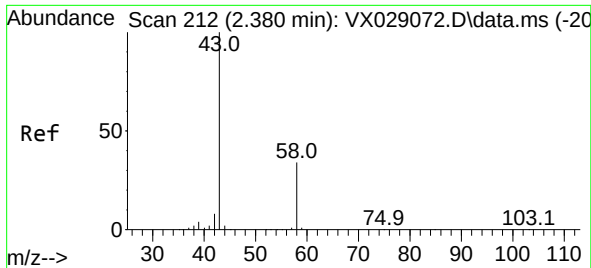
Tgt Ion:142 Resp: 1348
Ion Ratio Lower Upper
142 100
127 45.9 33.9 50.9
141 12.8 11.4 17.2



#11
Tert butyl alcohol
Concen: 23.089 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Tgt Ion: 59 Resp: 18712
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#

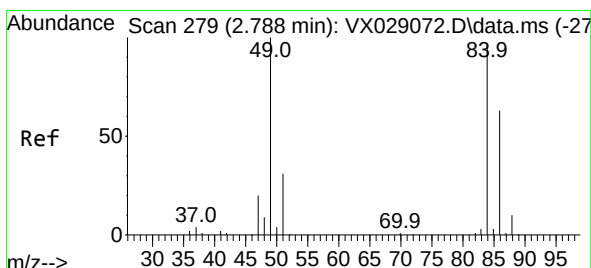
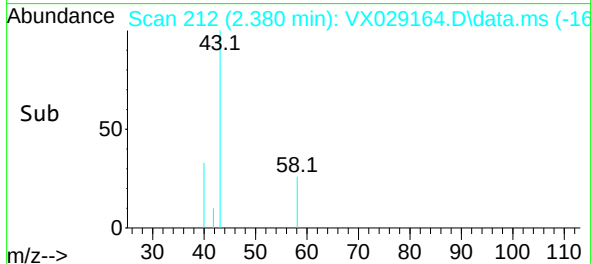
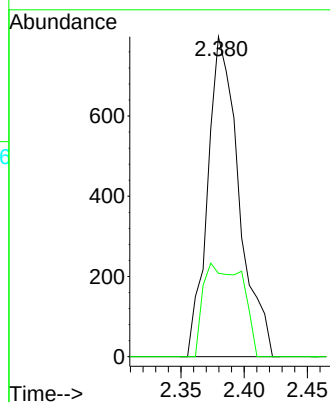
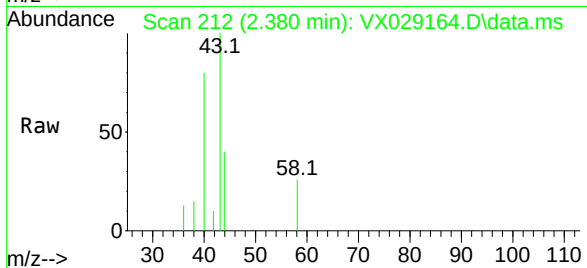




#16
Acetone
Concen: 1.001 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

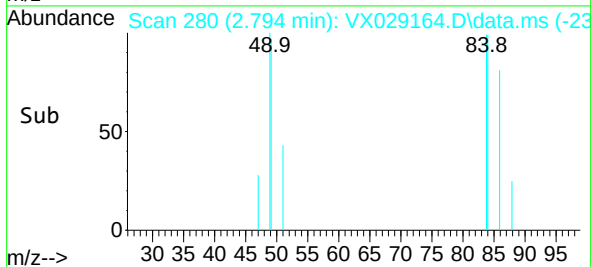
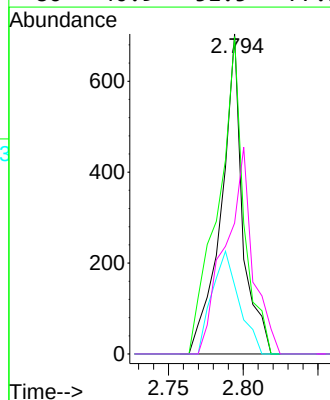
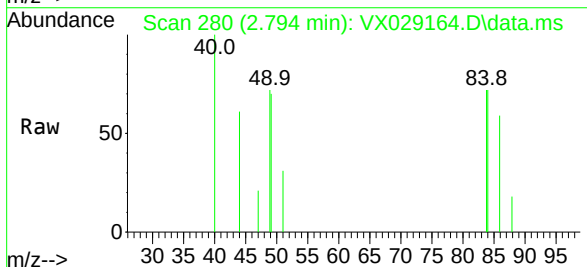
Instrument :
MSVOA_X
ClientSampleId :

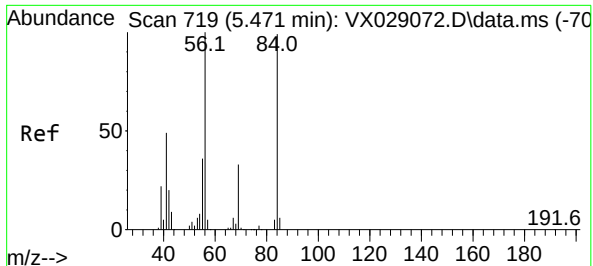
Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 26.1 28.8 43.2#



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

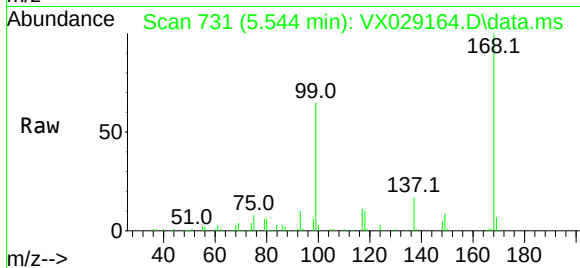
Tgt Ion: 84 Resp: 703
Ion Ratio Lower Upper
84 100
49 99.1 85.5 128.3
51 21.4 26.6 39.8#
86 40.9 51.5 77.3#



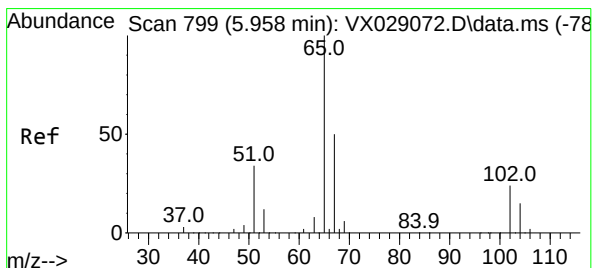
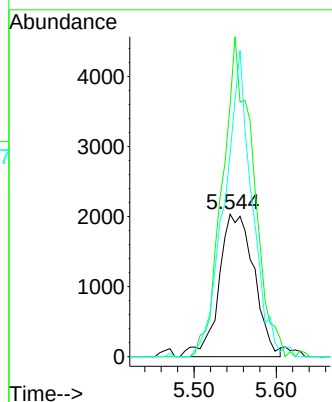
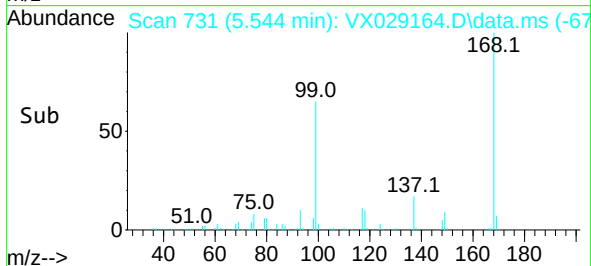


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Instrument :
MSVOA_X
ClientSampleId :

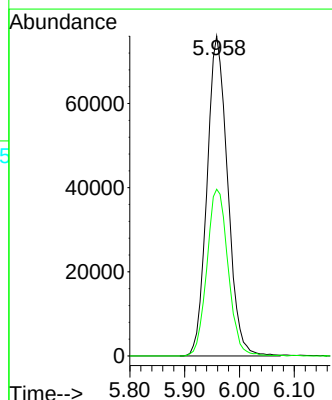
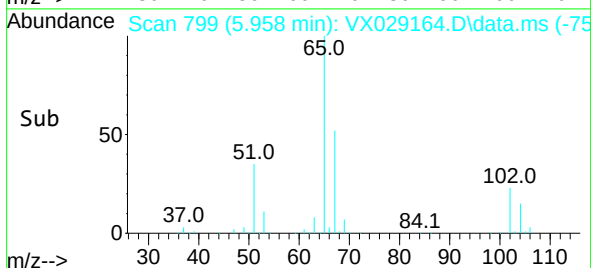
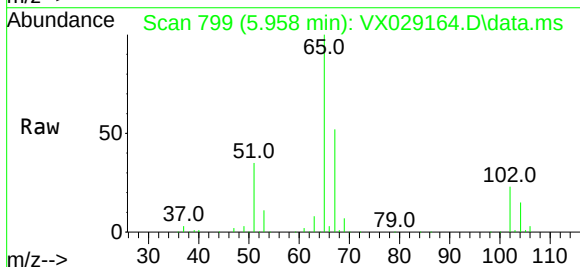


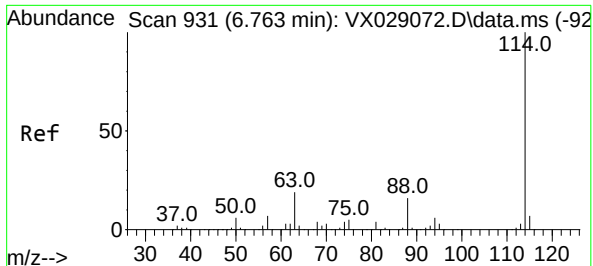
Tgt Ion: 56 Resp: 6036
Ion Ratio Lower Upper
56 100
69 177.0 26.7 40.1#
84 142.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.688 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Tgt Ion: 65 Resp: 198317
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4

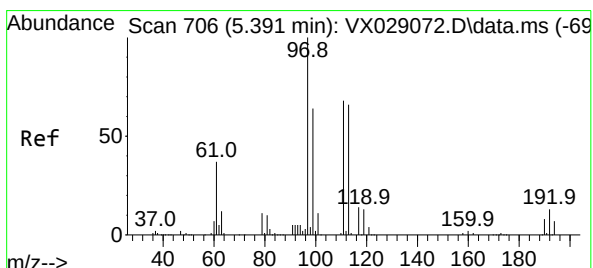
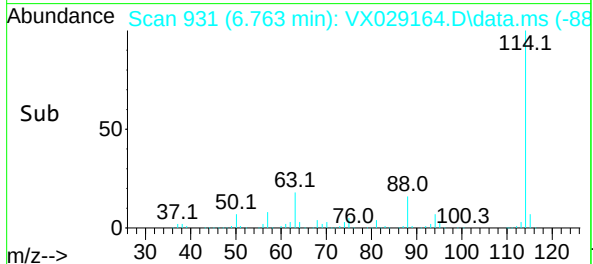
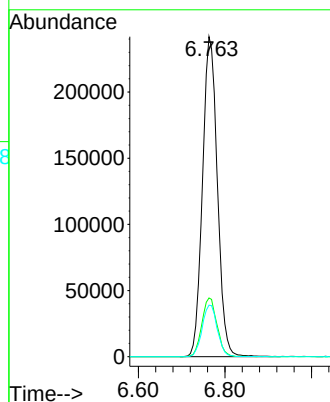
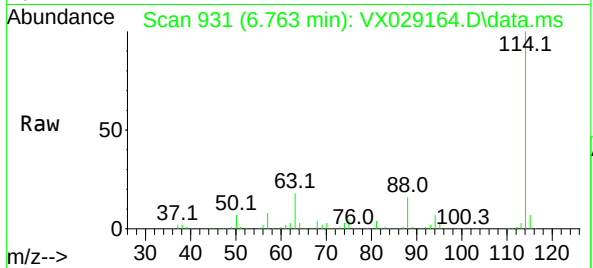




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

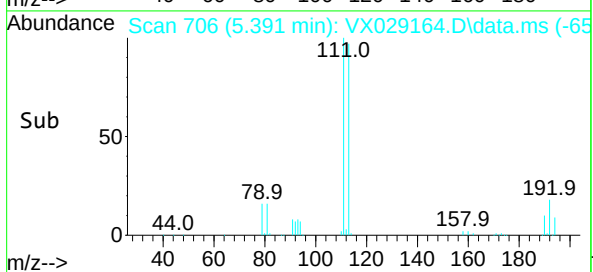
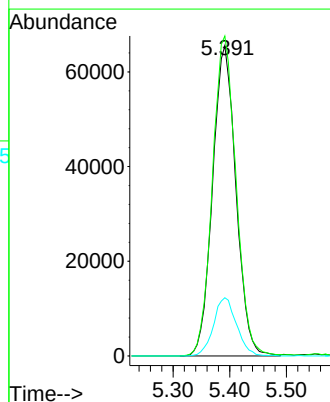
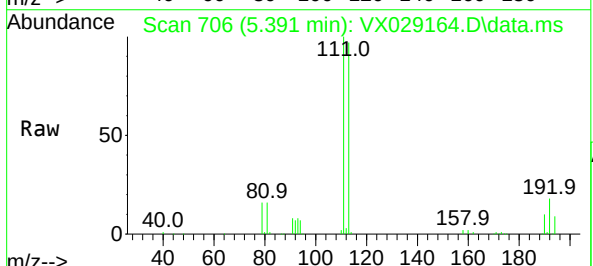
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ClientSampleId :

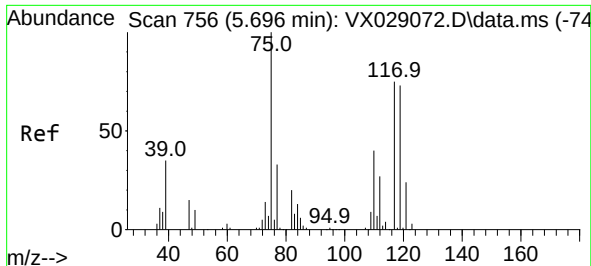
Tgt Ion:114 Resp: 576660
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.956 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

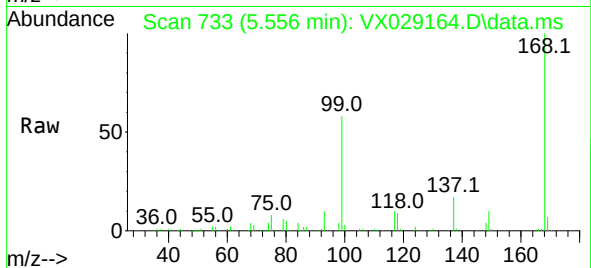
Tgt Ion:113 Resp: 187515
Ion Ratio Lower Upper
113 100
111 104.6 82.8 124.2
192 18.6 16.9 25.3



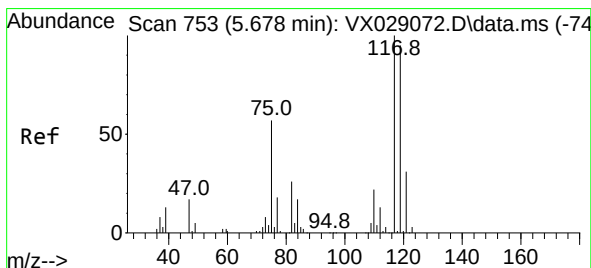
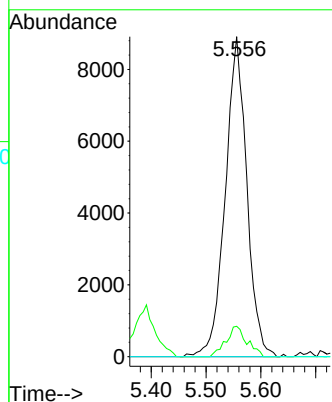
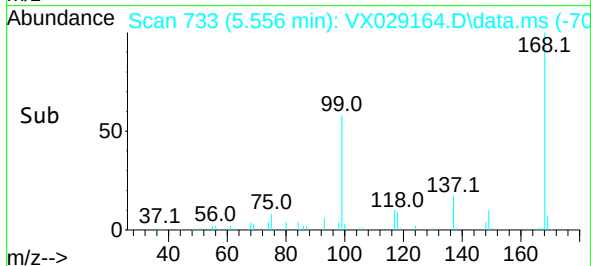


#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

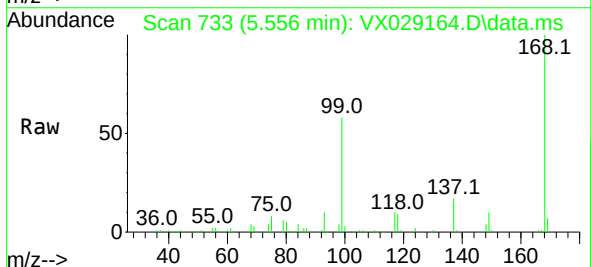
Instrument :
MSVOA_X
ClientSampleId :



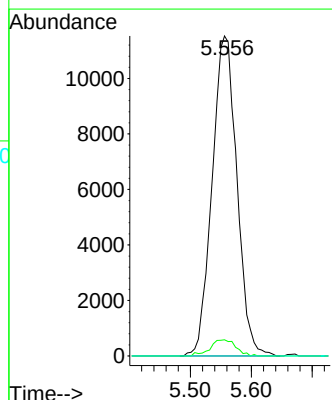
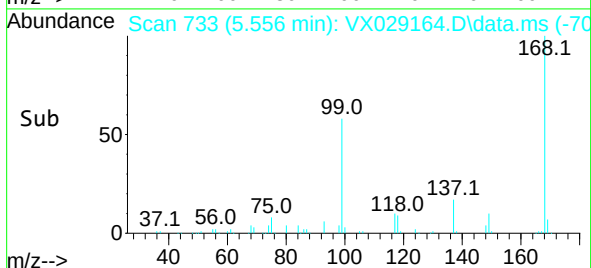
Tgt Ion: 75 Resp: 24318
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#

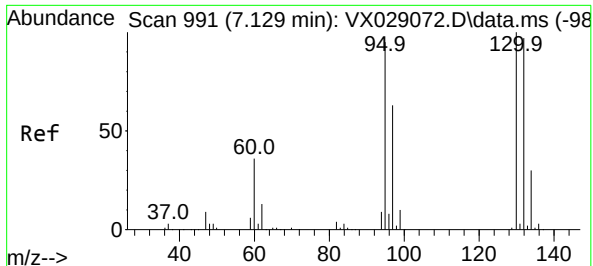


#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35



Tgt Ion: 117 Resp: 32608
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#

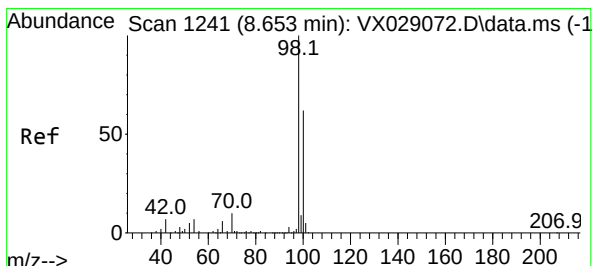
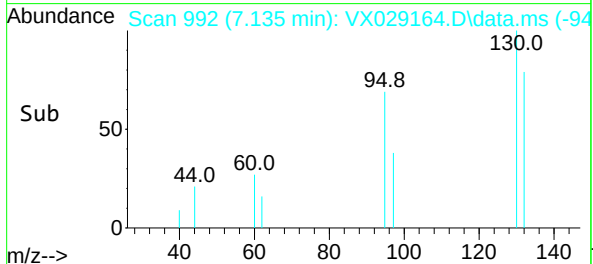
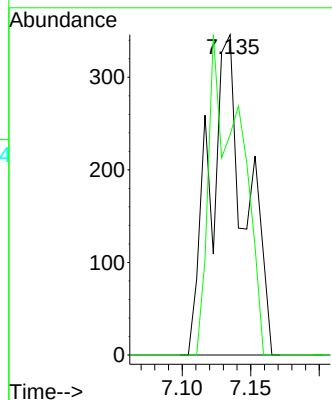
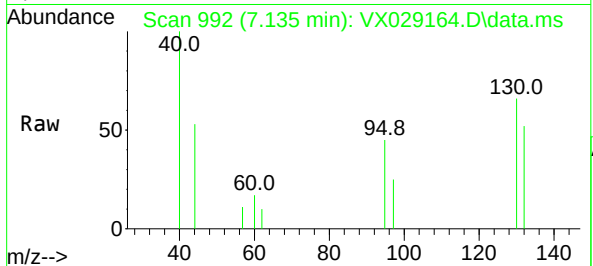




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

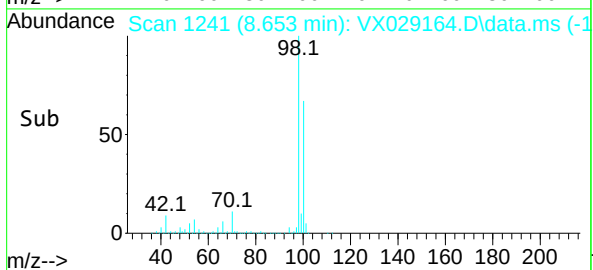
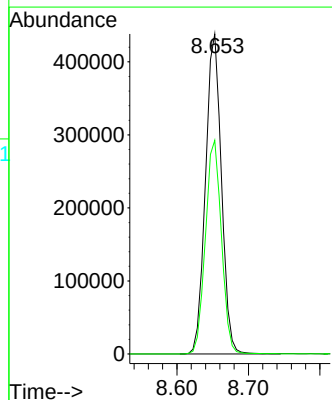
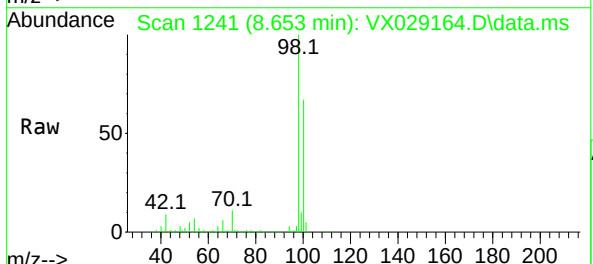
Instrument :
MSVOA_X
ClientSampleId :

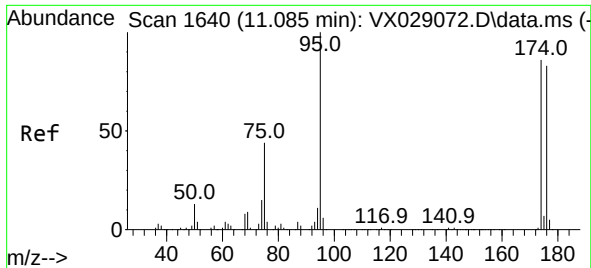
Tgt Ion:130 Resp: 628
Ion Ratio Lower Upper
130 100
95 68.8 0.0 188.8



#50
Toluene-d8
Concen: 48.306 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Tgt Ion: 98 Resp: 676722
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

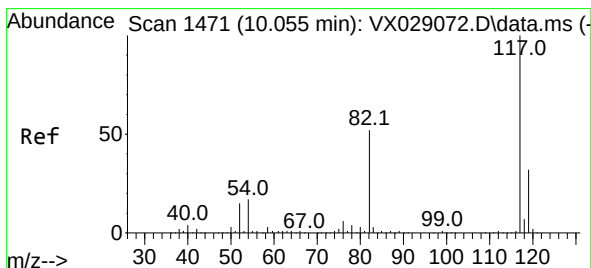
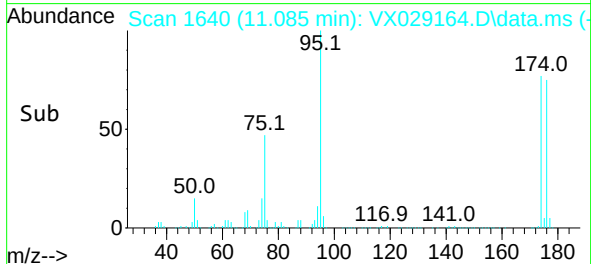
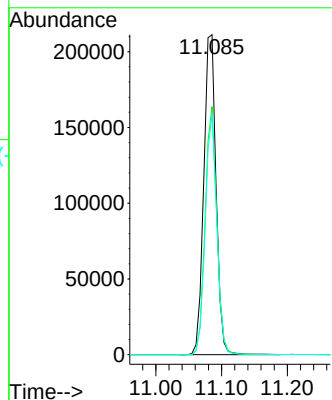
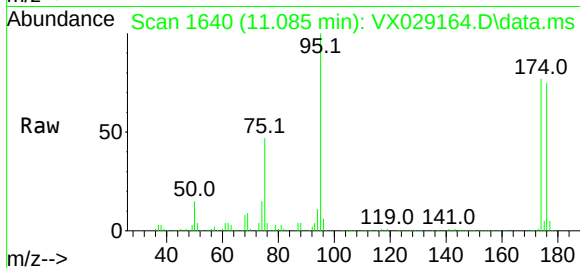




#62
4-Bromofluorobenzene
Concen: 50.760 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

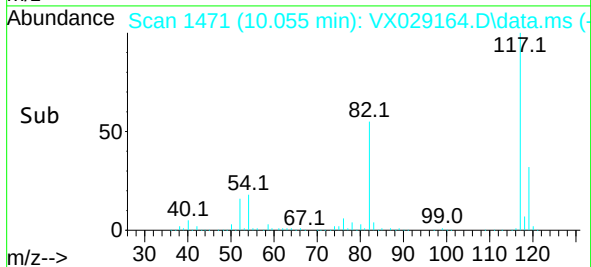
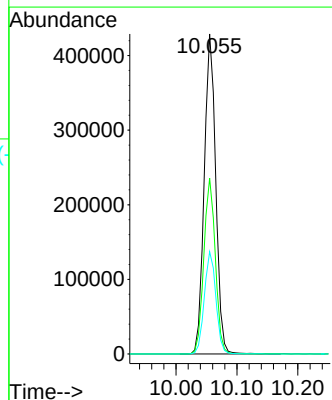
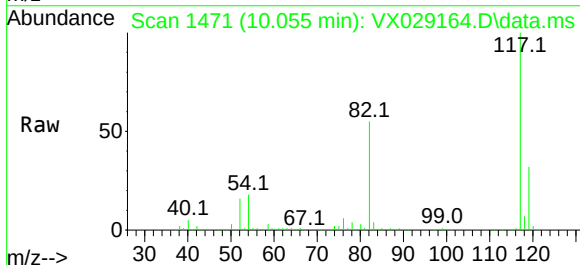
Instrument :
MSVOA_X
ClientSampleId :

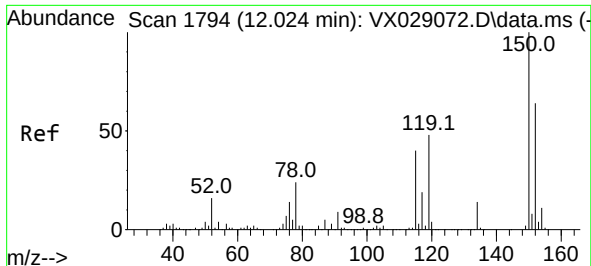
Tgt Ion: 95 Resp: 274879
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 70.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Tgt Ion: 117 Resp: 563884
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 31.9 24.8 37.2

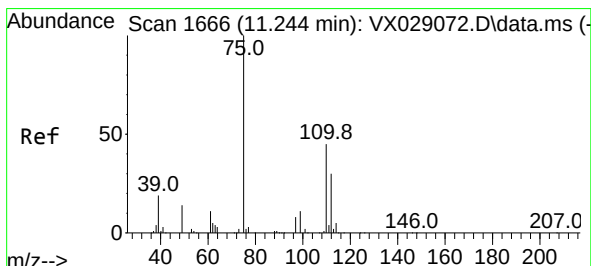
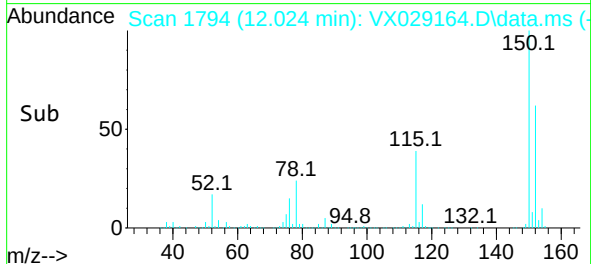
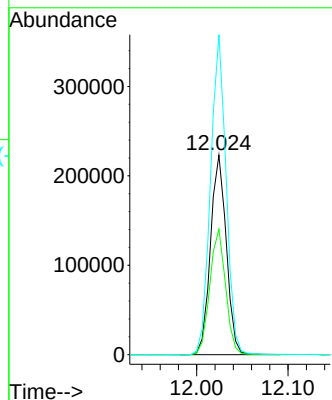
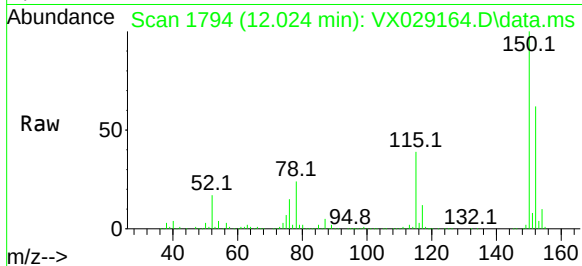




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

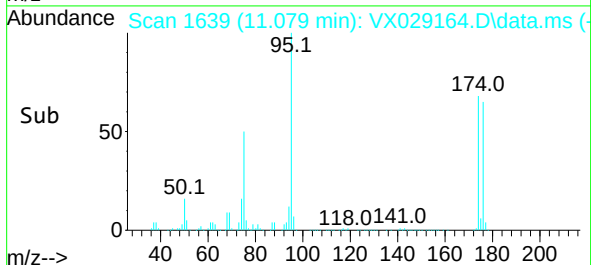
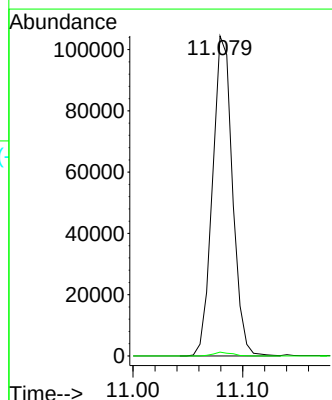
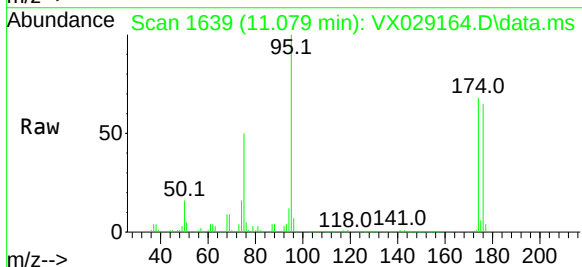
Instrument :
MSVOA_X
ClientSampleId :

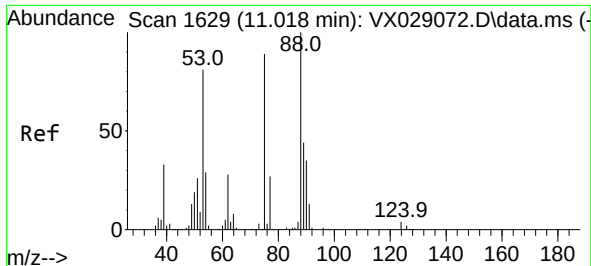
Tgt Ion:152 Resp: 267792
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 157.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Tgt Ion: 75 Resp: 132093
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

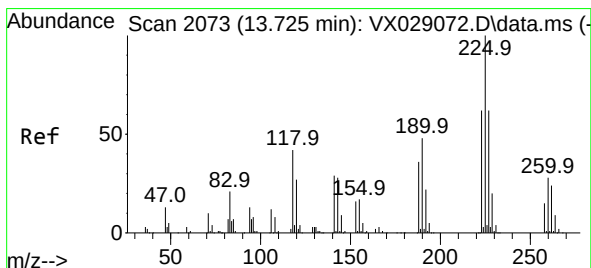
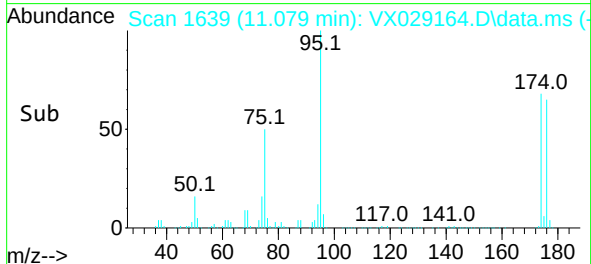
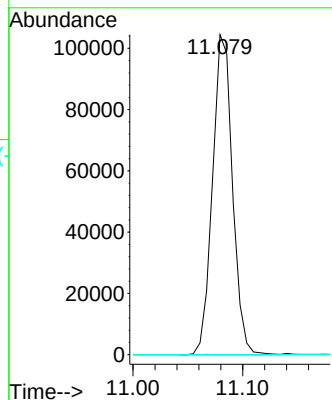
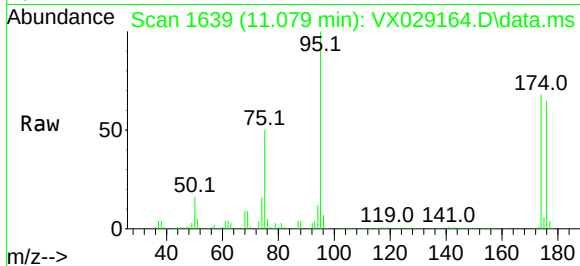




#81
trans-1,4-Dichloro-2-butene
Concen: 71.388 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029164.D
Acq: 03 Jun 2022 03:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 132093
Ion Ratio Lower Upper
75 100
53 0.0 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: VX029164.D
Acq: 03 Jun 2022 03:35

Tgt Ion: 225 Resp: 337
Ion Ratio Lower Upper
225 100
223 45.1 34.2 102.5
227 51.6 33.9 101.7

