

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029141.D
 Acq On : 02 Jun 2022 17:29
 Operator : JC/MD
 Sample : N3022-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 04:33:06 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)

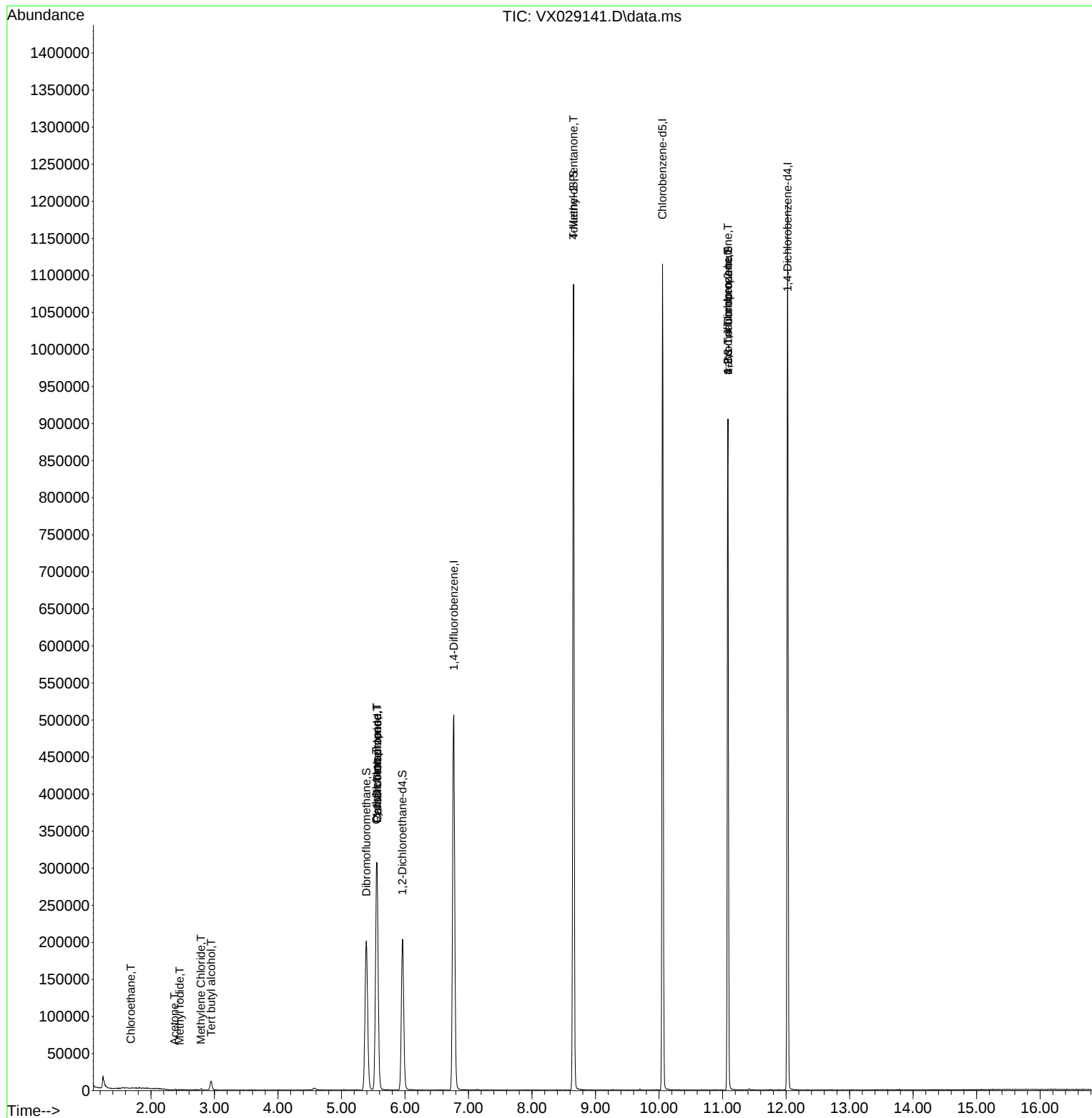
Internal Standards						
1) Pentafluorobenzene	5.562	168	294805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	540290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	521205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197272	59.342	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.680%	
35) Dibromofluoromethane	5.391	113	180862	50.397	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.800%	
50) Toluene-d8	8.652	98	639155	48.696	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	11.085	95	253670	49.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	612	Below Cal	#	67
6) Chloroethane	1.684	64	230	1.492	ug/l #	43
10) Methyl Iodide	2.452	142	709	4.422	ug/l #	87
11) Tert butyl alcohol	2.946	59	6795	8.824	ug/l #	72
16) Acetone	2.367	43	1124	0.859	ug/l #	63
20) Methylene Chloride	2.788	84	731	0.240	ug/l #	67
31) Cyclohexane	5.549	56	5326	1.232	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	22505	4.874	ug/l #	49
38) Carbon Tetrachloride	5.562	117	31566	5.982	ug/l #	16
44) Trichloroethene	7.134	130	420	Below Cal		91
51) 4-Methyl-2-Pentanone	8.652	43	2405	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	122550	25.177	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	122550	73.864	ug/l #	15

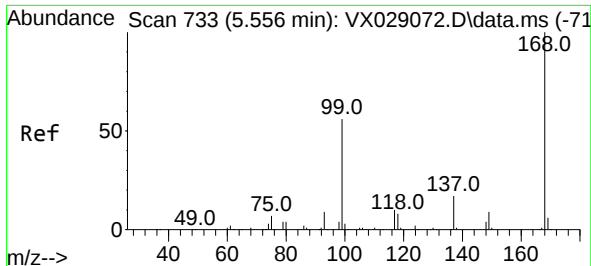
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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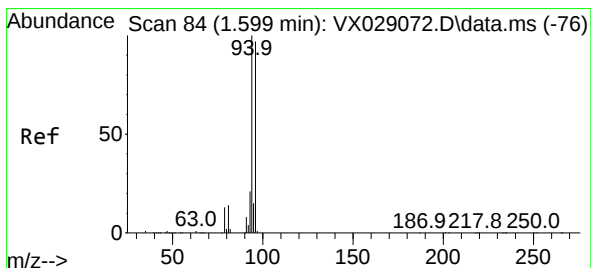
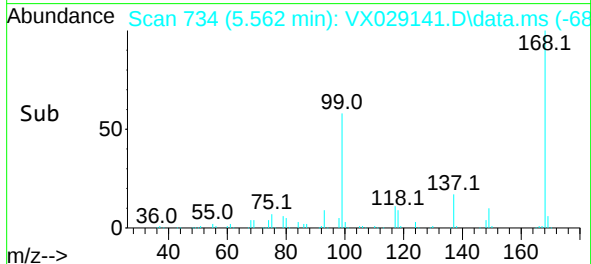
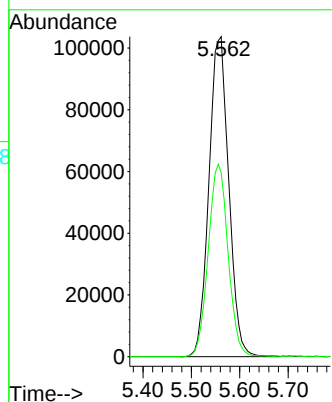
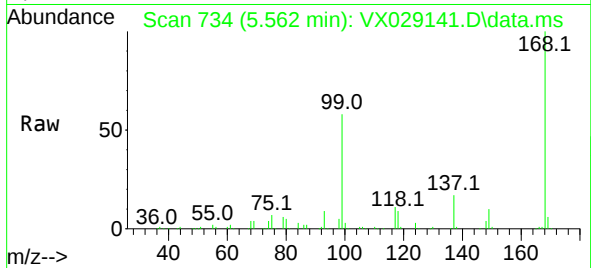




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

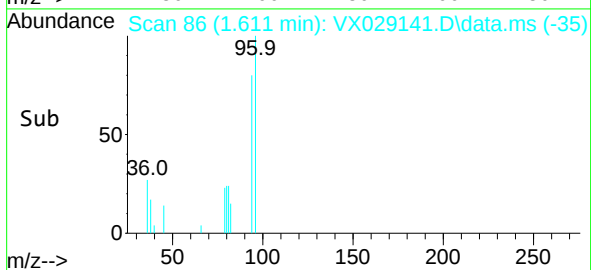
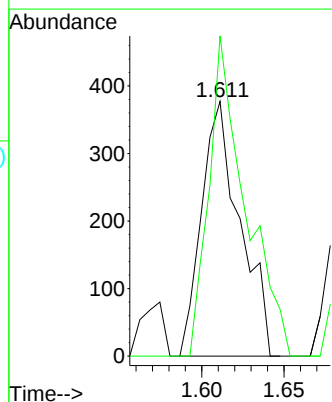
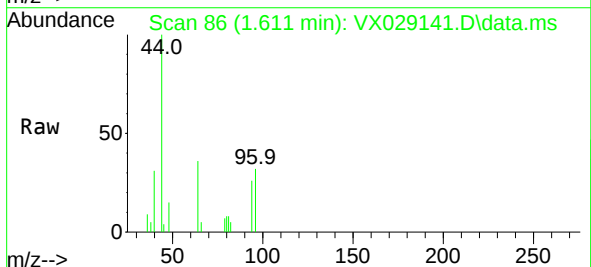
Instrument :
MSVOA_X
ClientSampleId :

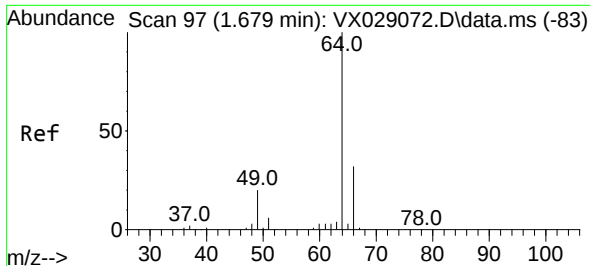
Tgt Ion:168 Resp: 294805
Ion Ratio Lower Upper
168 100
99 57.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 125.7 75.3 112.9#

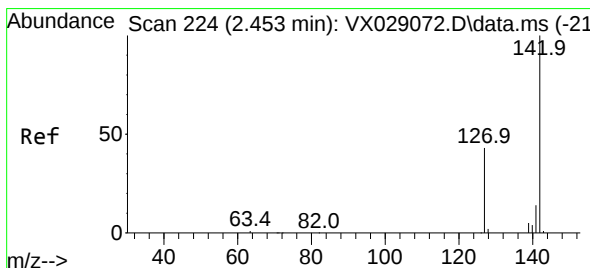
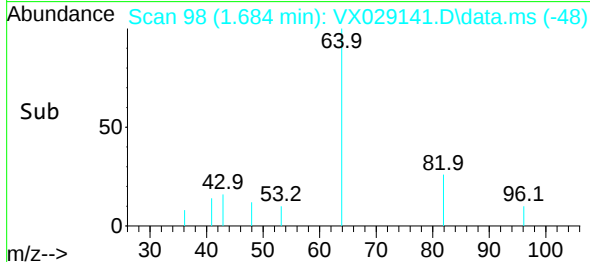
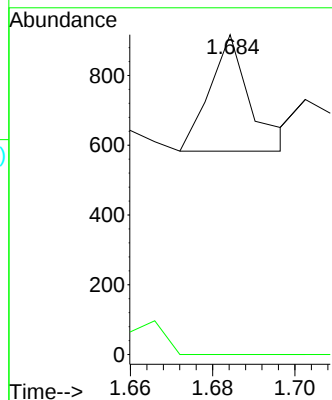
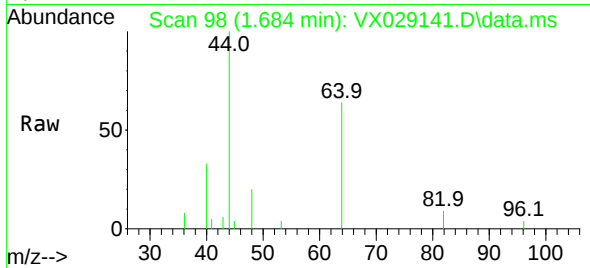




#6
Chloroethane
Concen: 1.492 ug/l
RT: 1.684 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

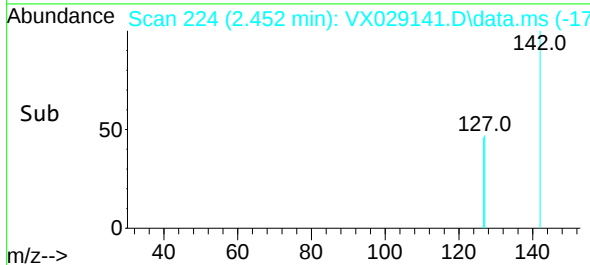
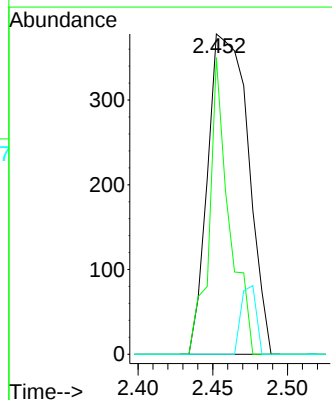
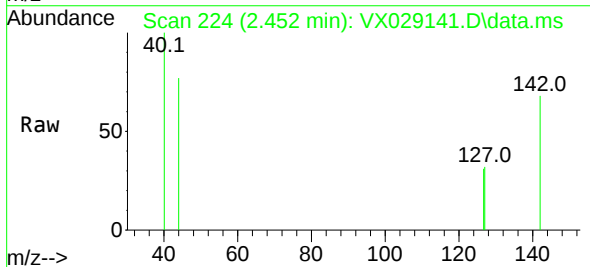
Instrument :
MSVOA_X
ClientSampleId :

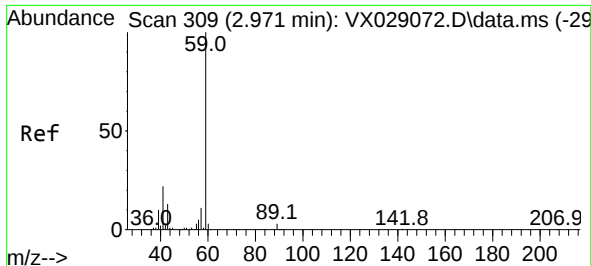
Tgt Ion: 64 Resp: 230
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.422 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

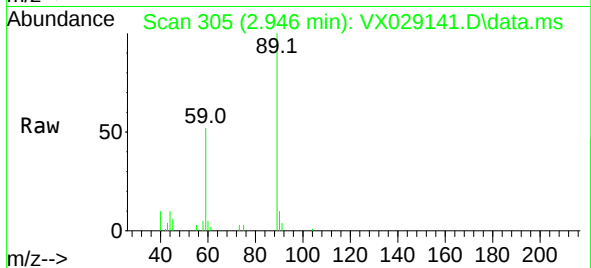
Tgt Ion: 142 Resp: 709
Ion Ratio Lower Upper
142 100
127 45.6 33.9 50.9
141 0.0 11.4 17.2#



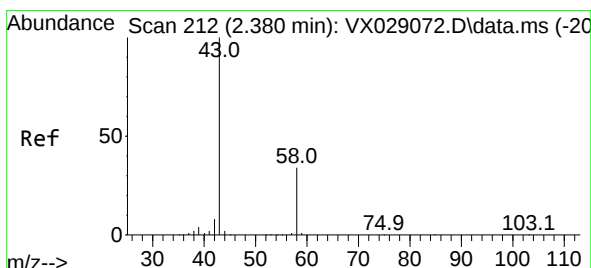
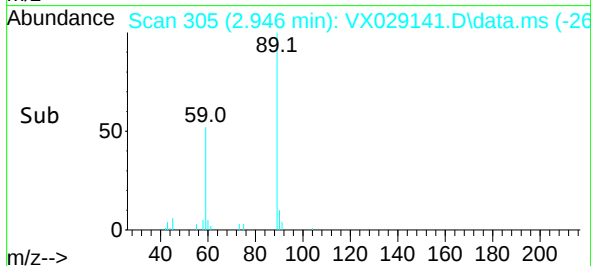
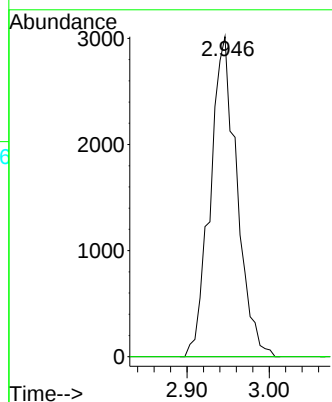


#11
Tert butyl alcohol
Concen: 8.824 ug/l
RT: 2.946 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :

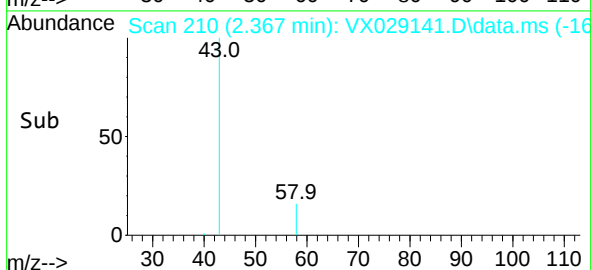
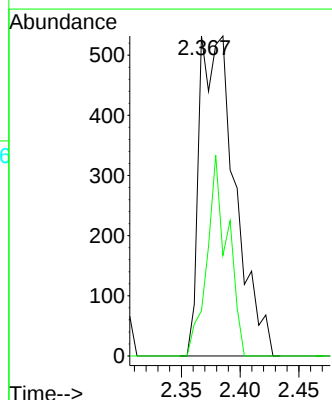
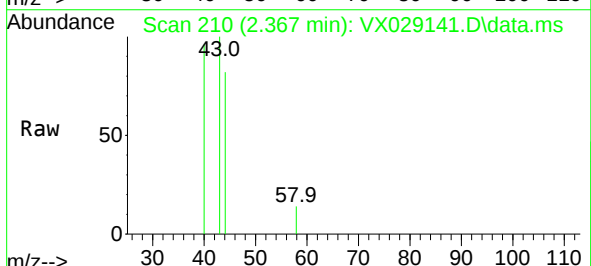


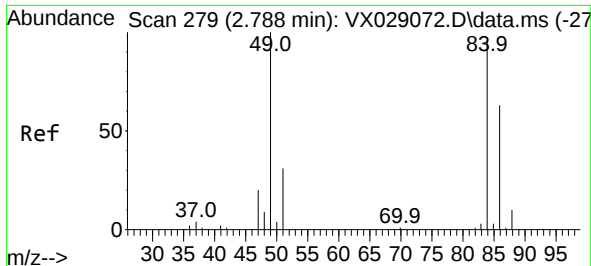
Tgt Ion: 59 Resp: 6795
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.859 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.013 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

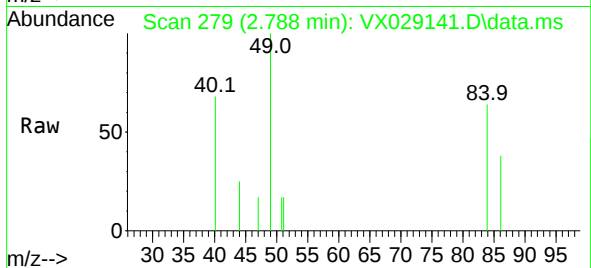
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 14.1 28.8 43.2#



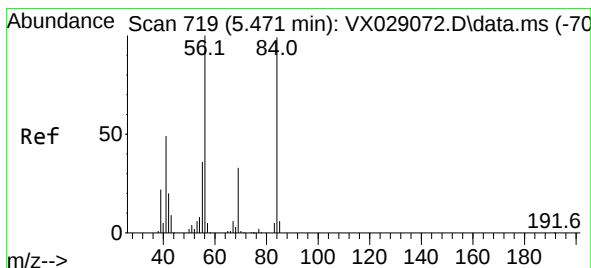
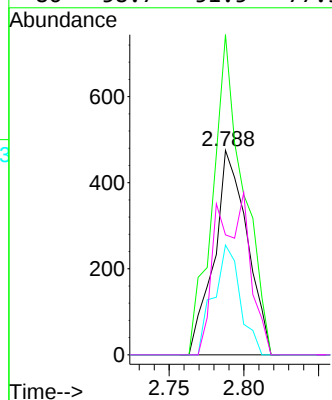


#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :

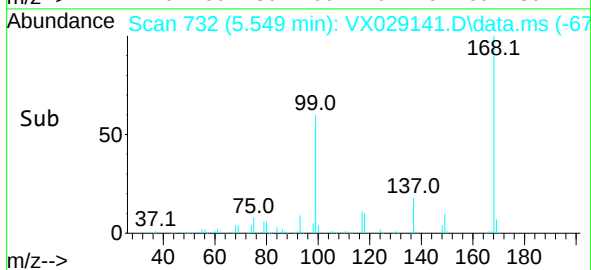
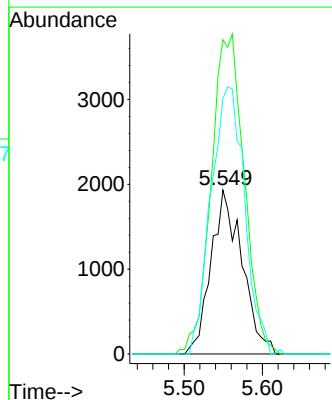
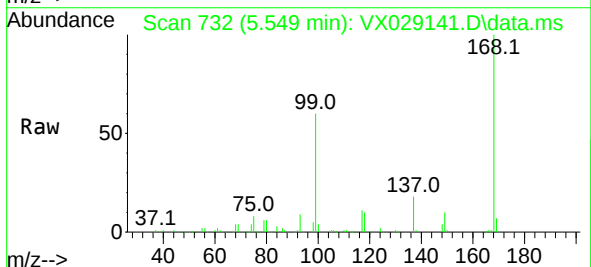


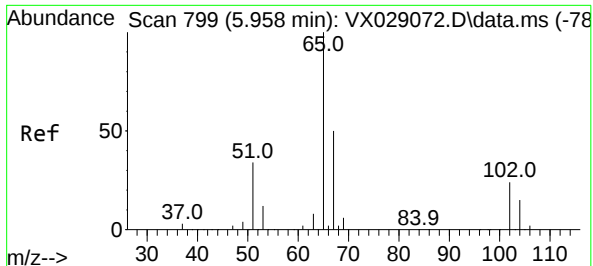
Tgt Ion:	84	Resp:	731
Ion	Ratio	Lower	Upper
84	100		
49	156.6	85.5	128.3#
51	53.7	26.6	39.8#
86	58.7	51.5	77.3



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

Tgt Ion:	56	Resp:	5326
Ion	Ratio	Lower	Upper
56	100		
69	191.9	26.7	40.1#
84	156.0	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 59.342 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029141.D

Acq: 02 Jun 2022 17:29

Instrument :

MSVOA_X

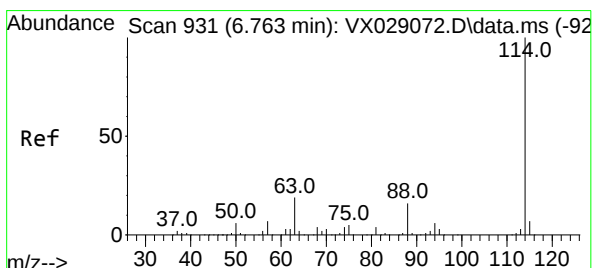
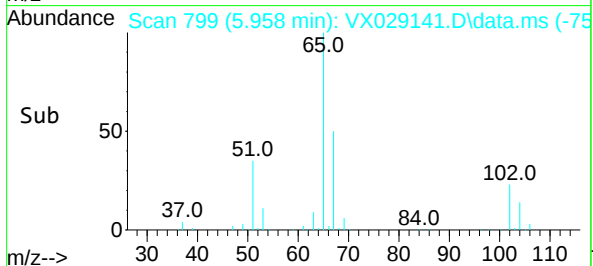
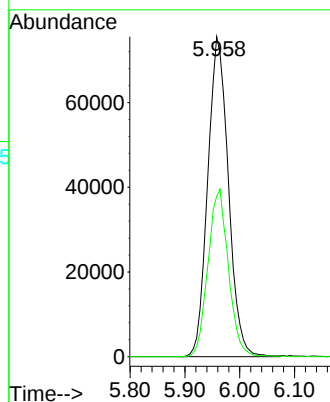
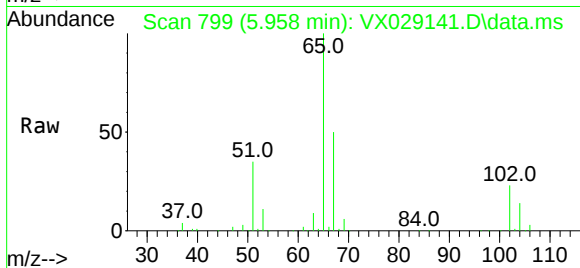
ClientSampleId :

Tgt Ion: 65 Resp: 197272

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029141.D

Acq: 02 Jun 2022 17:29

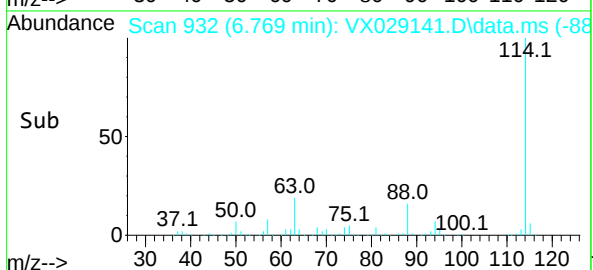
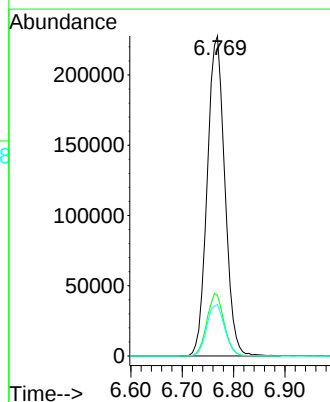
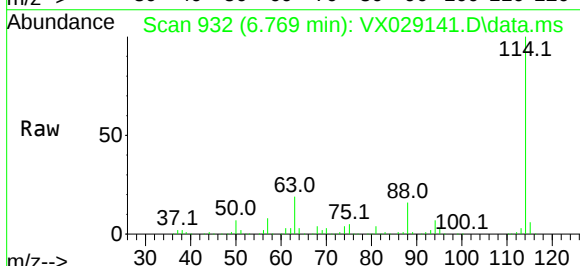
Tgt Ion: 114 Resp: 540290

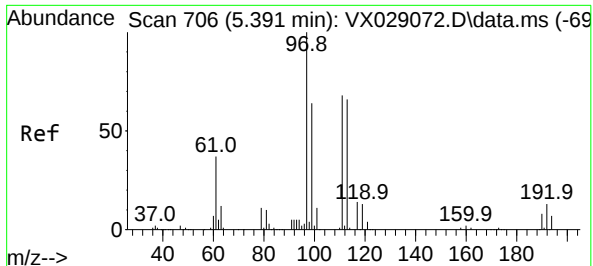
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.397 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

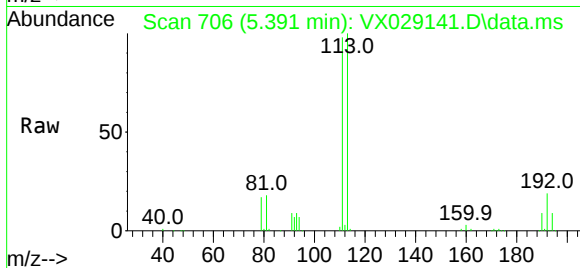
Lab File: VX029141.D

Acq: 02 Jun 2022 17:29

Instrument :

MSVOA_X

ClientSampleId :



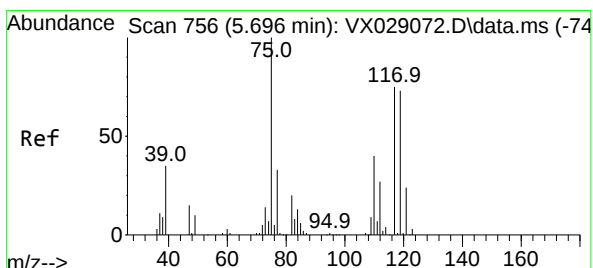
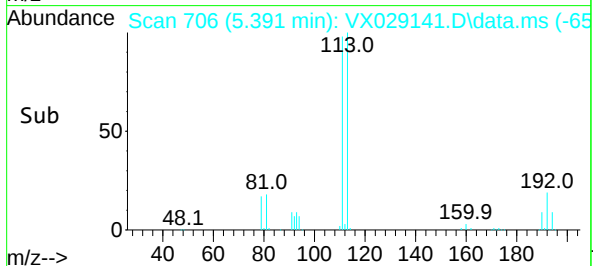
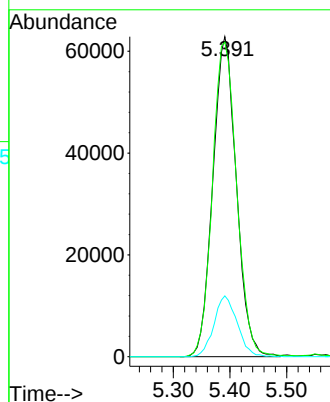
Tgt Ion:113 Resp: 180862

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.874 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX029141.D

Acq: 02 Jun 2022 17:29

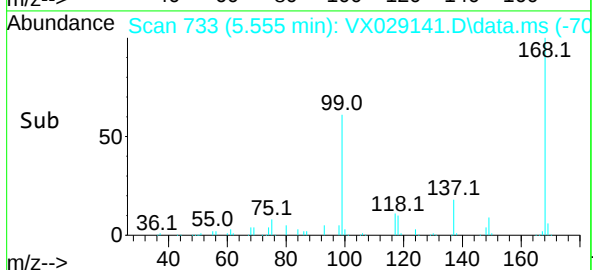
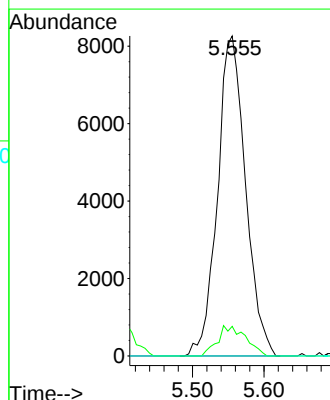
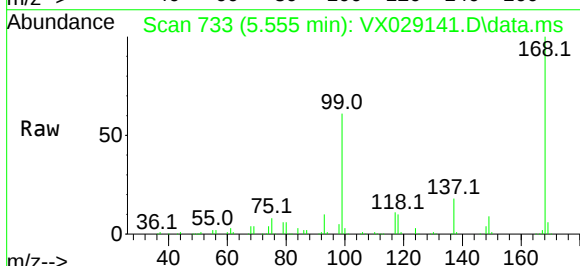
Tgt Ion: 75 Resp: 22505

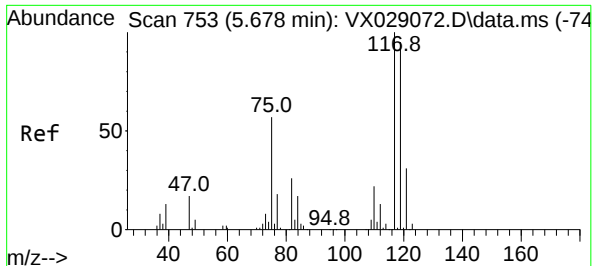
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

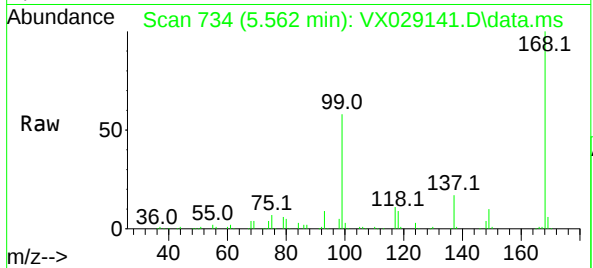
77 0.0 24.8 37.2#



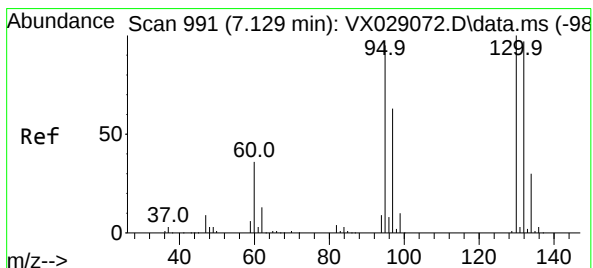
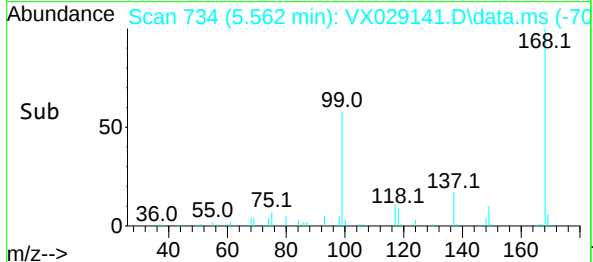
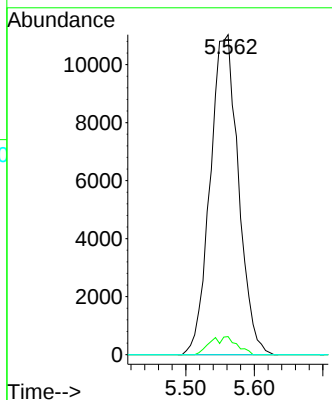


#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :

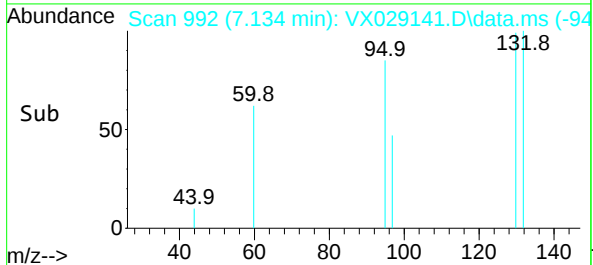
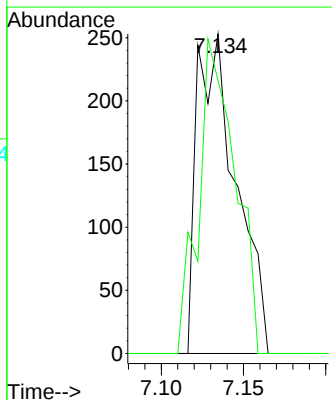
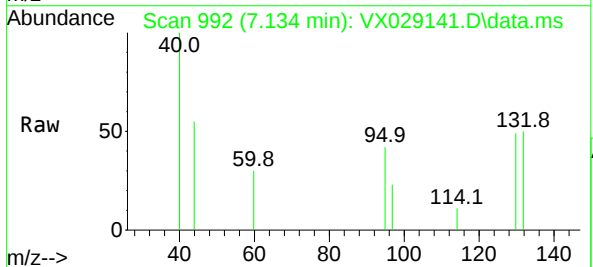


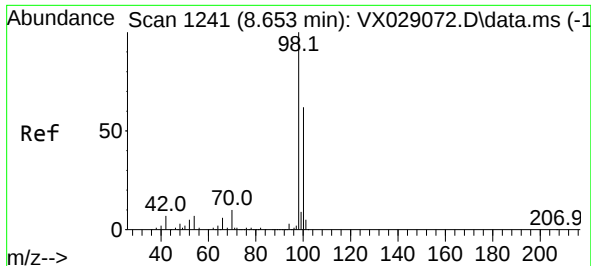
Tgt Ion:117 Resp: 31566
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

Tgt Ion:130 Resp: 420
Ion Ratio Lower Upper
130 100
95 85.4 0.0 188.8

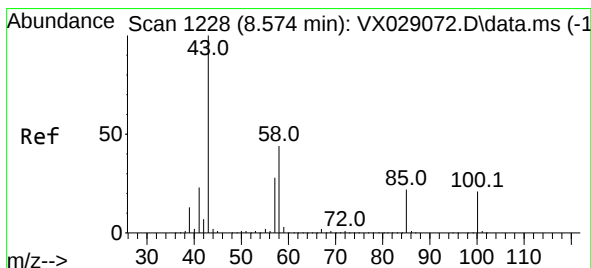
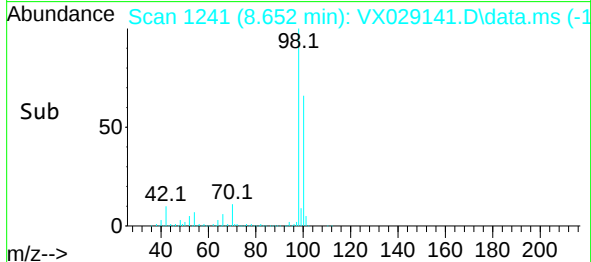
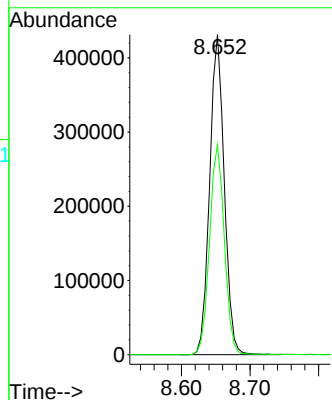
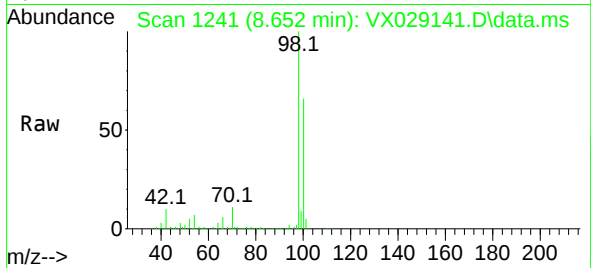




#50
Toluene-d8
Concen: 48.696 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

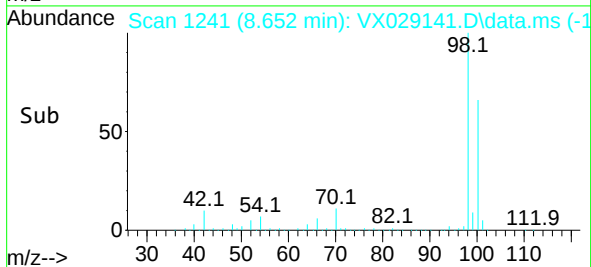
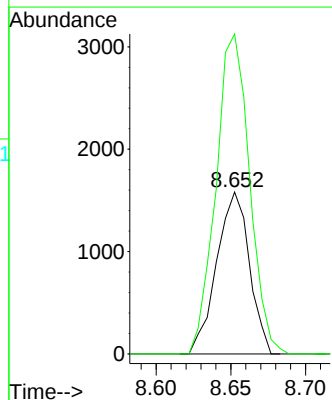
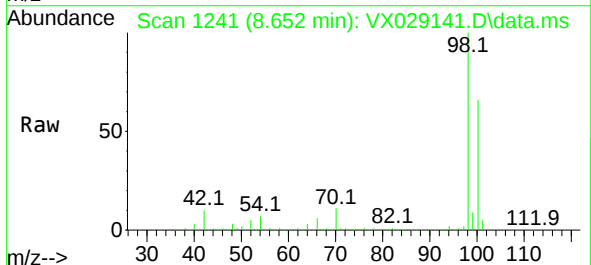
Instrument :
MSVOA_X
ClientSampleId :

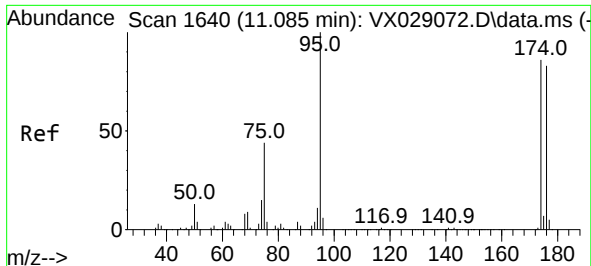
Tgt Ion: 98 Resp: 639155
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.078 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

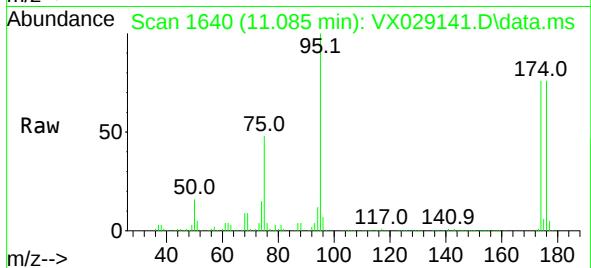
Tgt Ion: 43 Resp: 2405
Ion Ratio Lower Upper
43 100
58 203.2 36.1 54.1#



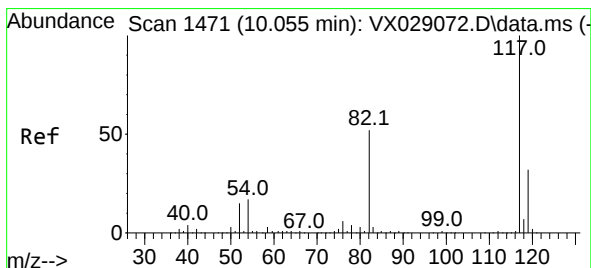
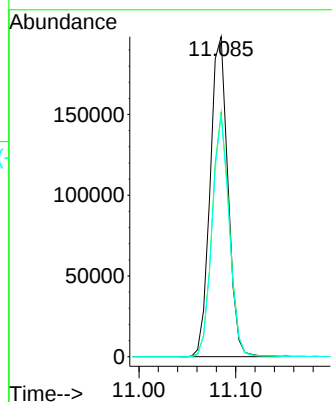
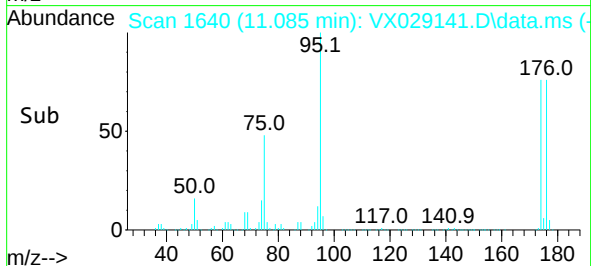


#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

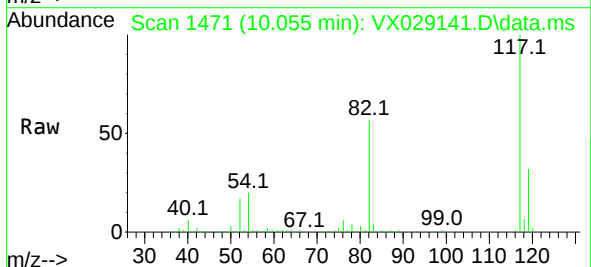
Instrument :
MSVOA_X
ClientSampleId :



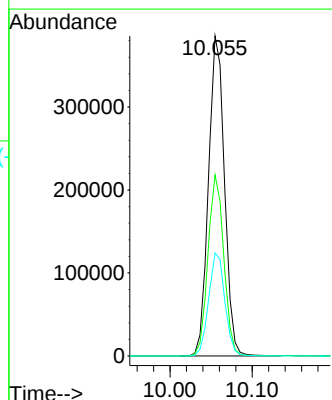
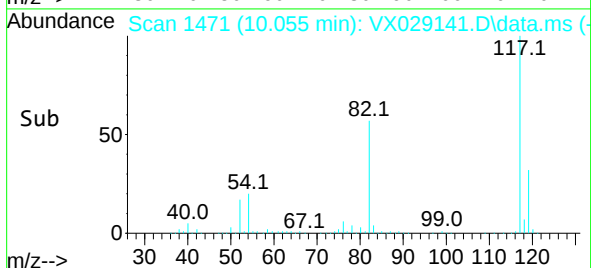
Tgt Ion: 95 Resp: 253670
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 72.4 0.0 155.0

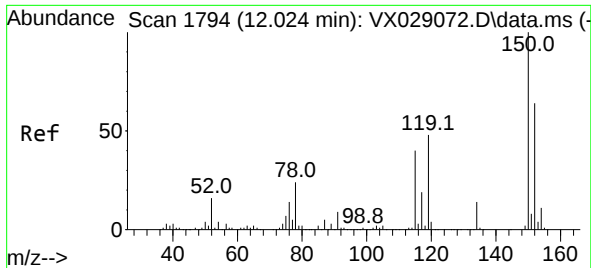


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29



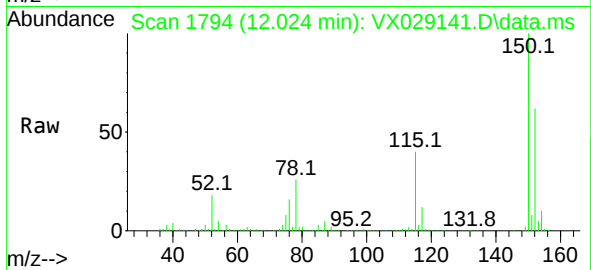
Tgt Ion: 117 Resp: 521205
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.1 24.8 37.2



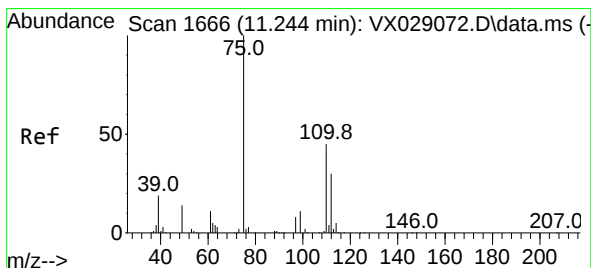
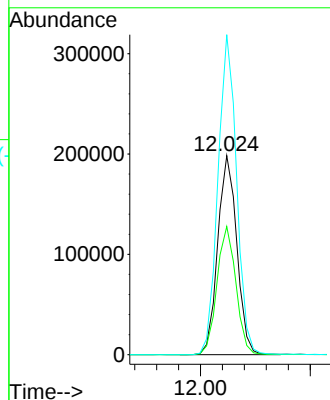
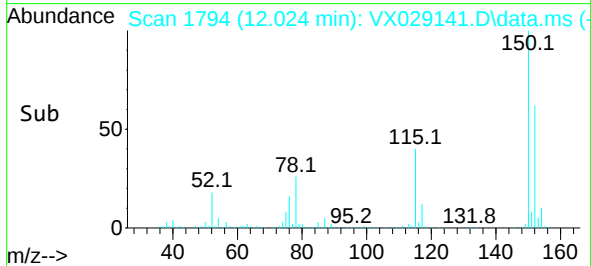


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29

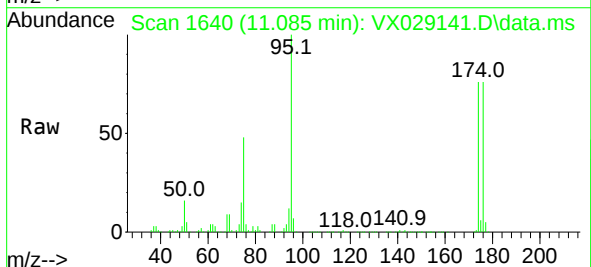
Instrument :
MSVOA_X
ClientSampleId :



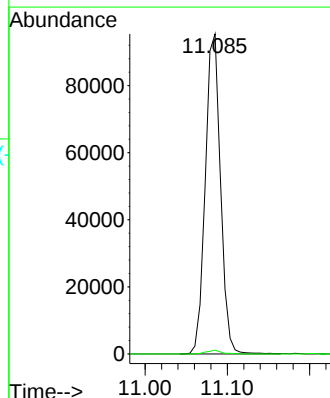
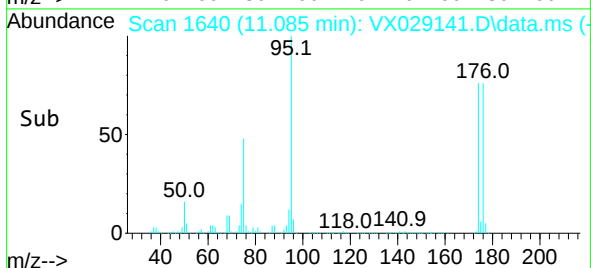
Tgt Ion:152 Resp: 240116
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 157.3 0.0 338.2

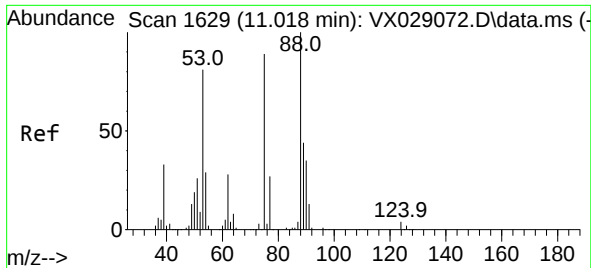


#76
1,2,3-Trichloropropane
Concen: 25.177 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029141.D
Acq: 02 Jun 2022 17:29



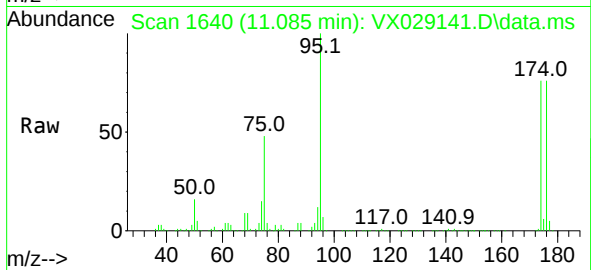
Tgt Ion: 75 Resp: 122550
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.864 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029141.D
 Acq: 02 Jun 2022 17:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 122550
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

