

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029136.D
 Acq On : 02 Jun 2022 15:31
 Operator : JC/MD
 Sample : VX0602WBL01
 Misc : 5.00mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBL01

Quant Time: Jun 03 04:31:55 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	5.550	168	261873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171921	58.219	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.440%	
35) Dibromofluoromethane	5.385	113	158022	50.124	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.240%	
50) Toluene-d8	8.647	98	560553	48.615	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	11.079	95	218806	49.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.180%	

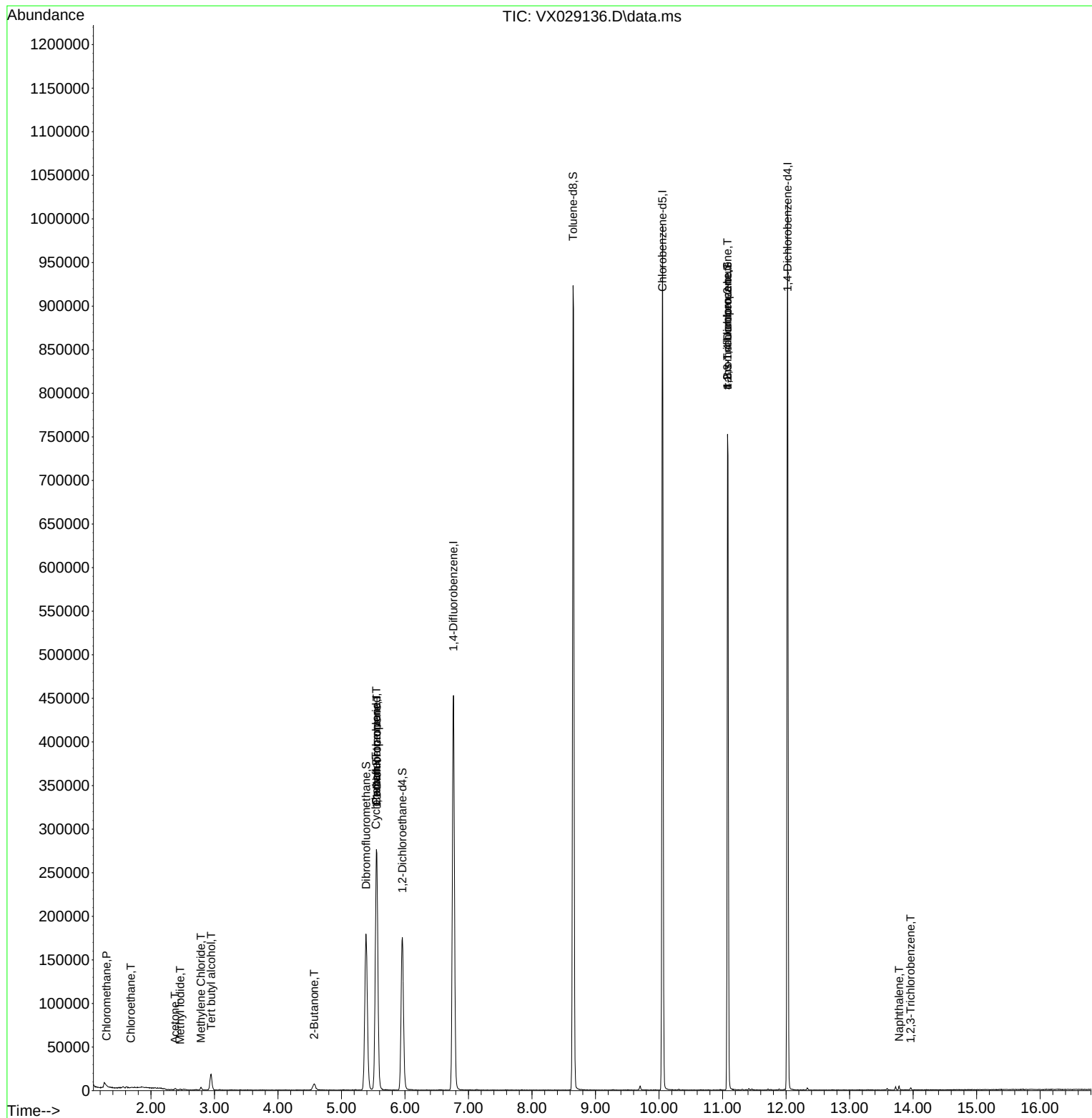
Target Compounds				Qvalue		
3) Chloromethane	1.300	50	585	0.246	ug/l #	74
5) Bromomethane	1.611	94	817	Below Cal		100
6) Chloroethane	1.685	64	208	1.493	ug/l #	56
10) Methyl Iodide	2.459	142	812	4.478	ug/l #	84
11) Tert butyl alcohol	2.946	59	10491	15.336	ug/l #	76
16) Acetone	2.380	43	1570	1.350	ug/l	96
20) Methylene Chloride	2.788	84	1218	0.449	ug/l #	75
25) 2-Butanone	4.568	43	386	0.206	ug/l #	44
31) Cyclohexane	5.544	56	5043	1.314	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20818	5.132	ug/l #	49
38) Carbon Tetrachloride	5.550	117	27314	5.892	ug/l #	16
44) Trichloroethene	7.123	130	298	Below Cal		80
76) 1,2,3-Trichloropropane	11.079	75	106573	25.569	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106573	75.014	ug/l #	15
94) Hexachlorobutadiene	13.731	225	670	Below Cal		79
95) Naphthalene	13.780	128	2887	0.212	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	869	0.206	ug/l	87

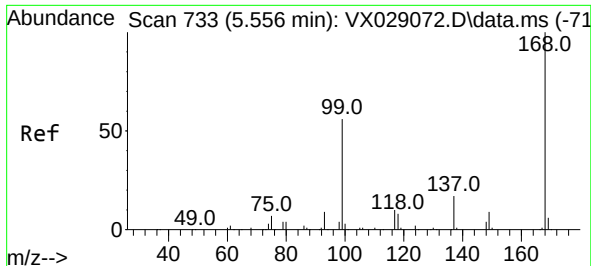
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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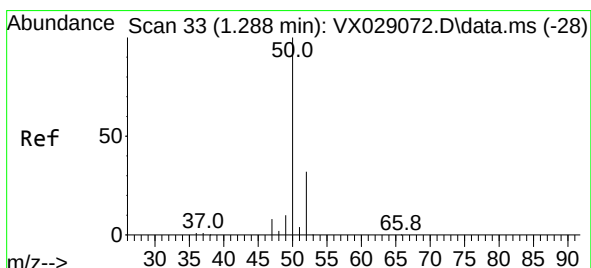
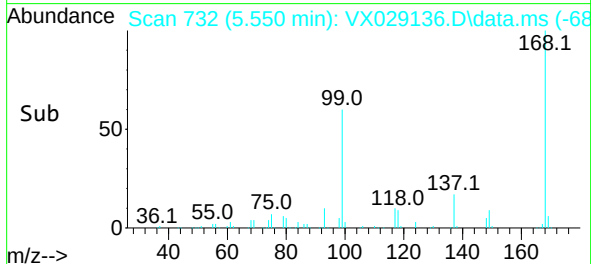
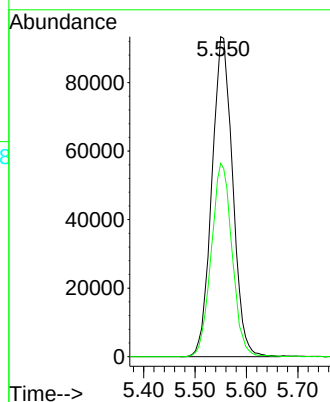
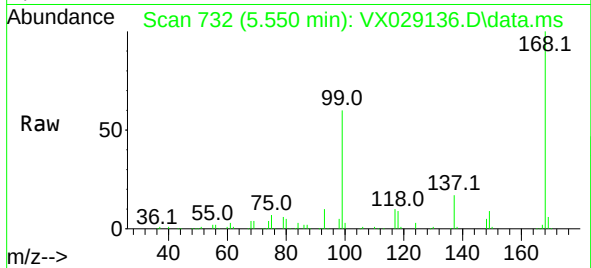




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

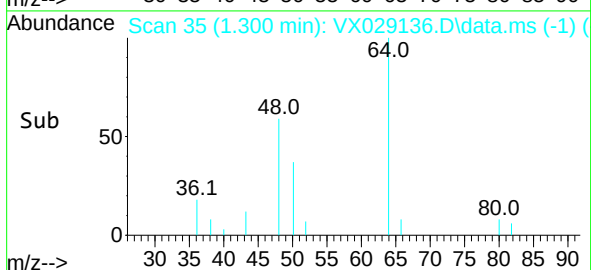
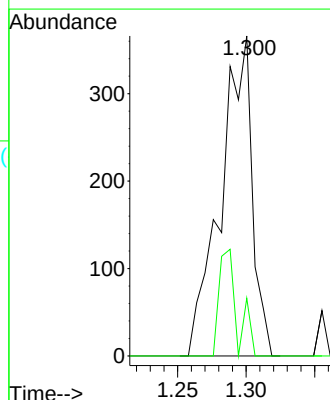
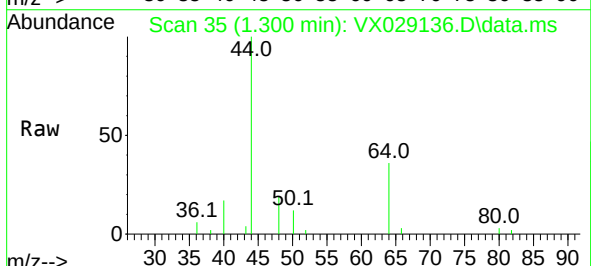
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

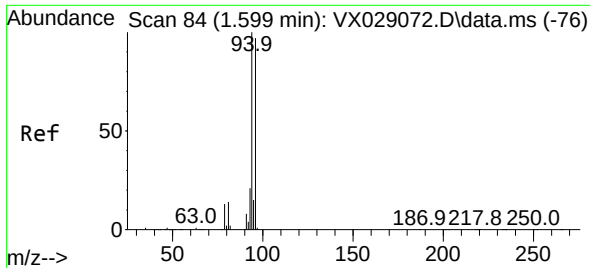
Tgt Ion:168 Resp: 261873
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.012 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion: 50 Resp: 585
Ion Ratio Lower Upper
50 100
52 18.0 26.4 39.6#

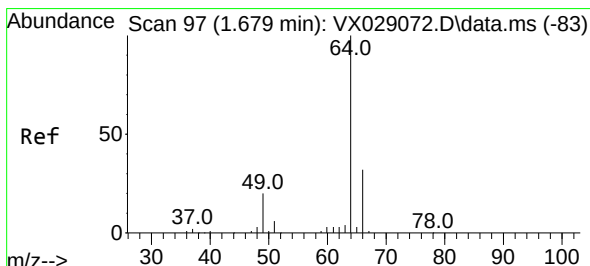
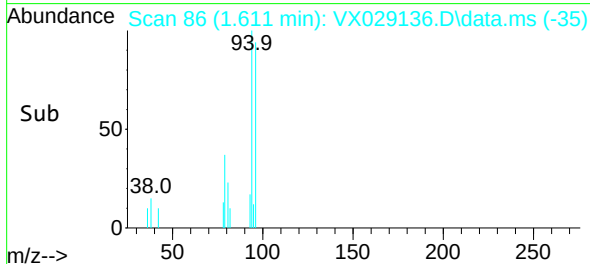
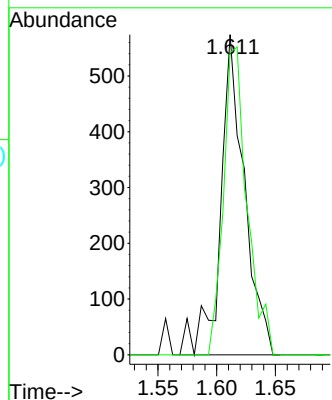
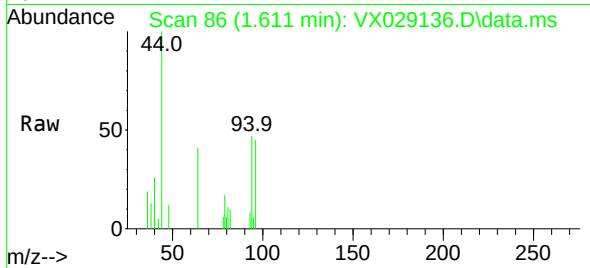




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

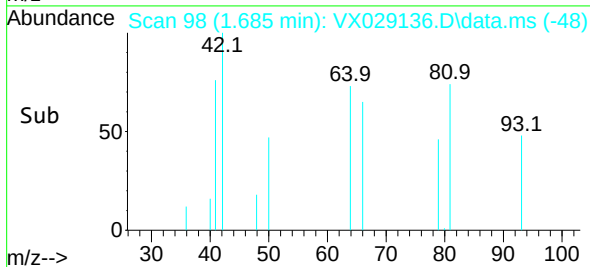
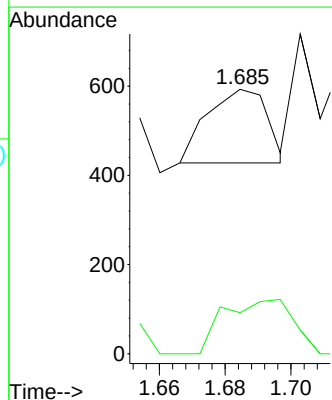
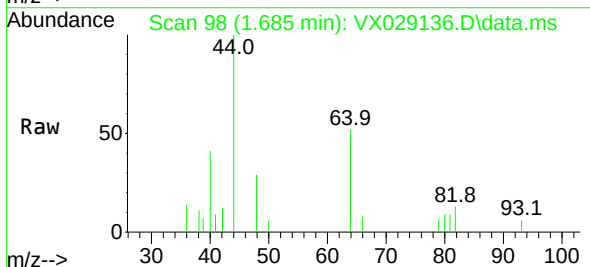
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

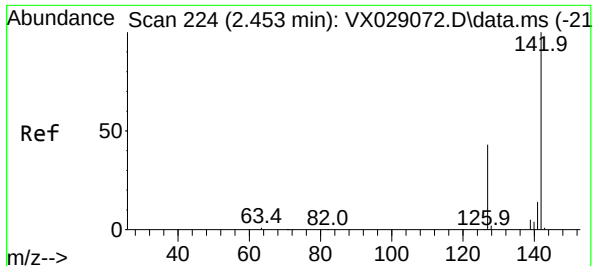
Tgt Ion: 94 Resp: 817
Ion Ratio Lower Upper
94 100
96 94.4 75.3 112.9



#6
Chloroethane
Concen: 1.493 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

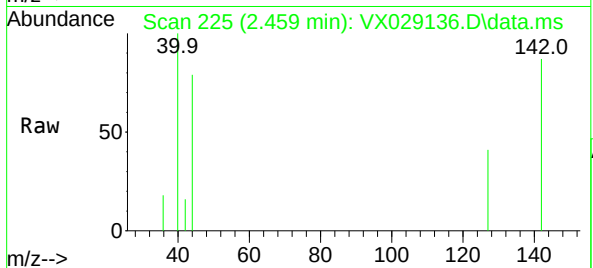
Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 55.8 25.3 37.9#



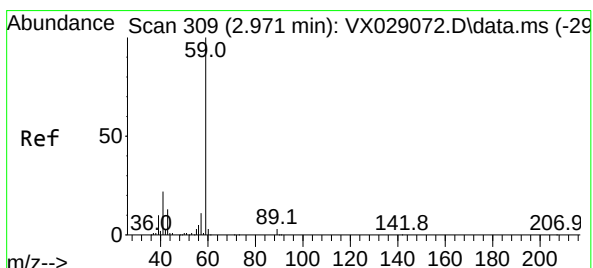
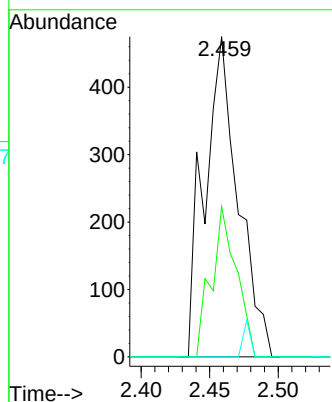
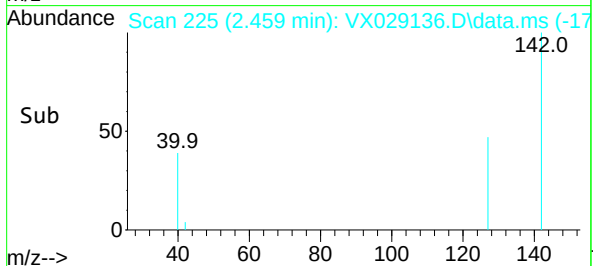


#10
Methyl Iodide
Concen: 4.478 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

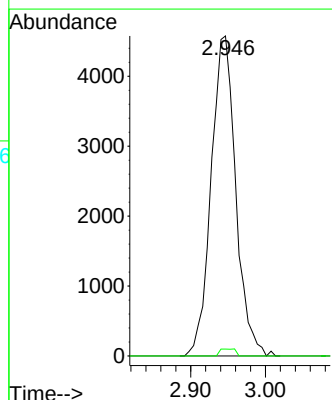
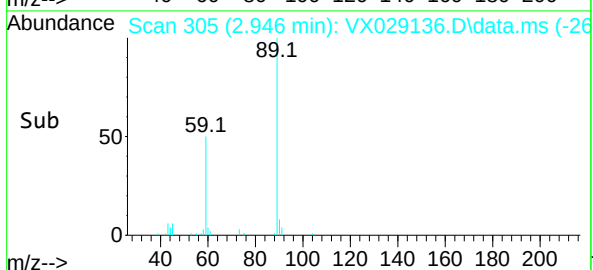
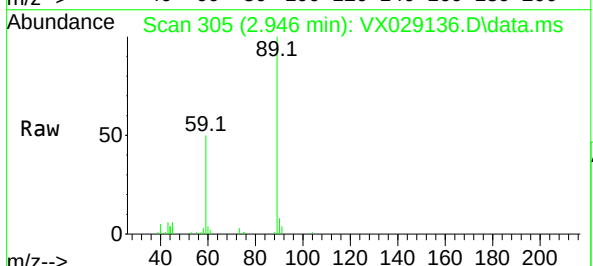


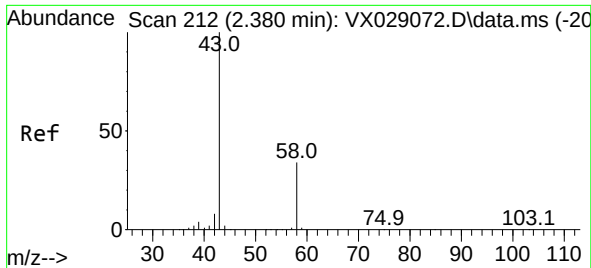
Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
127 35.0 33.9 50.9
141 2.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: 15.336 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion: 59 Resp: 10491
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#

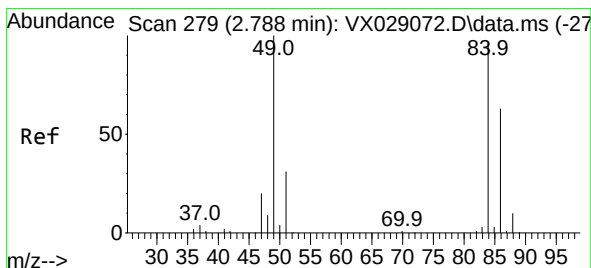
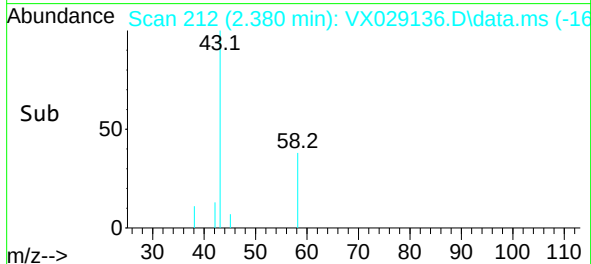
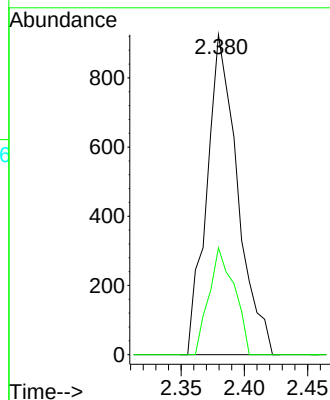
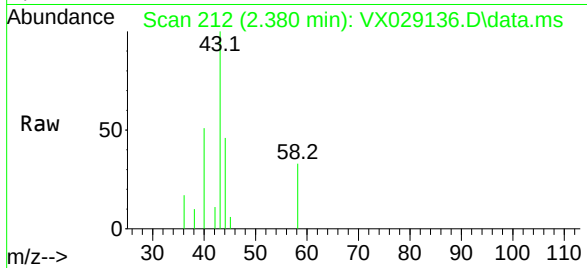




#16
Acetone
Concen: 1.350 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

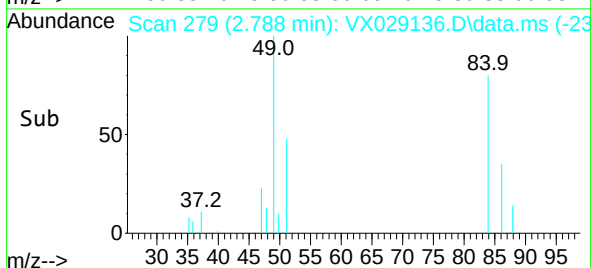
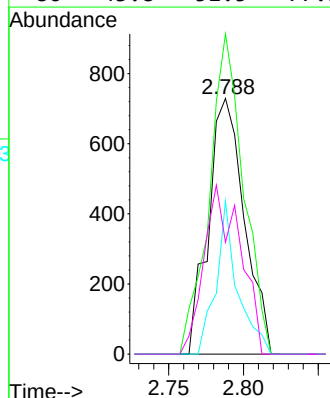
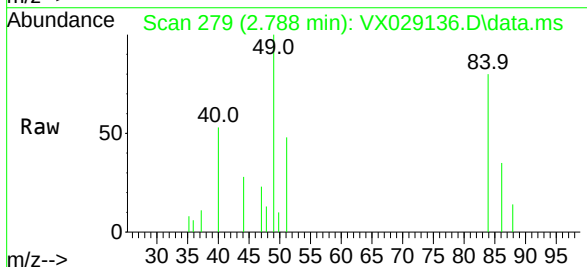
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

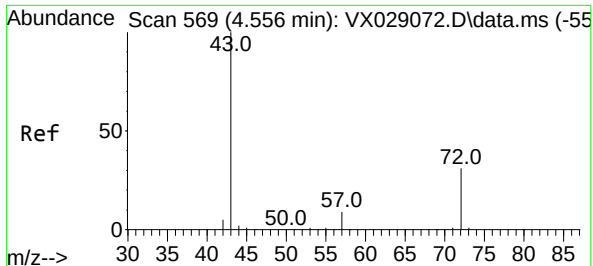
Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion: 84 Resp: 1218
Ion Ratio Lower Upper
84 100
49 125.2 85.5 128.3
51 59.8 26.6 39.8#
86 43.8 51.5 77.3#





#25

2-Butanone

Concen: 0.206 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX029136.D

Acq: 02 Jun 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

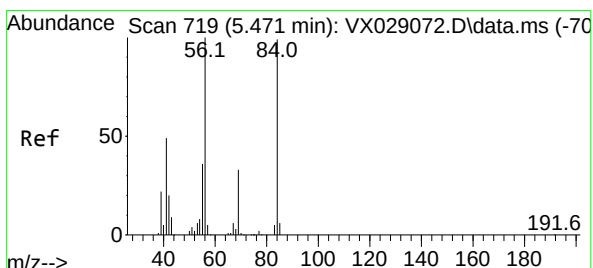
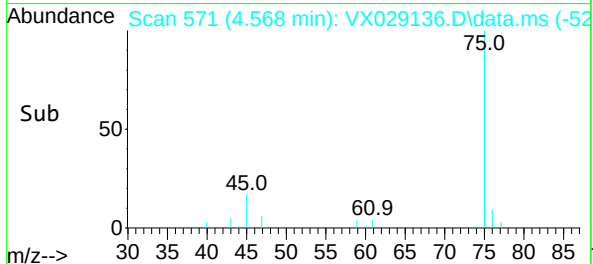
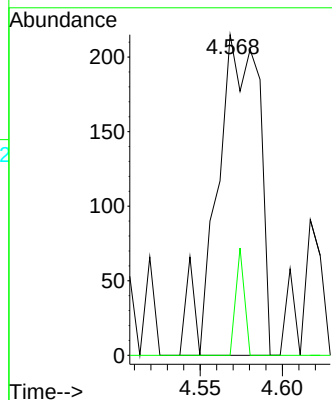
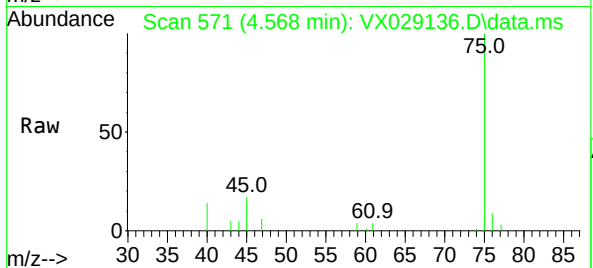
VX0602WBL01

Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.314 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX029136.D

Acq: 02 Jun 2022 15:31

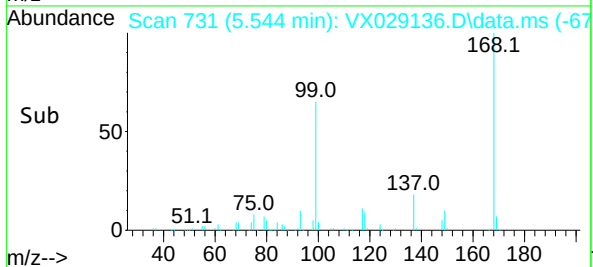
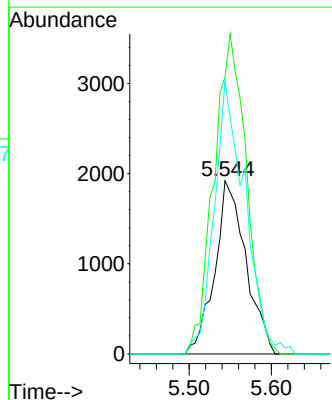
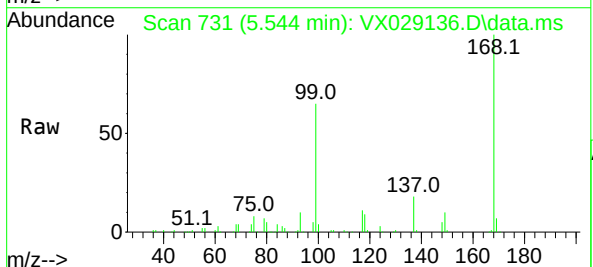
Tgt Ion: 56 Resp: 5043

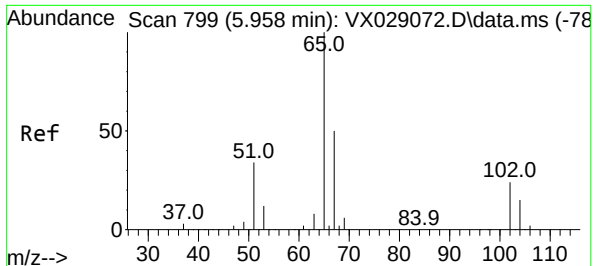
Ion Ratio Lower Upper

56 100

69 160.0 26.7 40.1#

84 157.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.219 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029136.D

Acq: 02 Jun 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

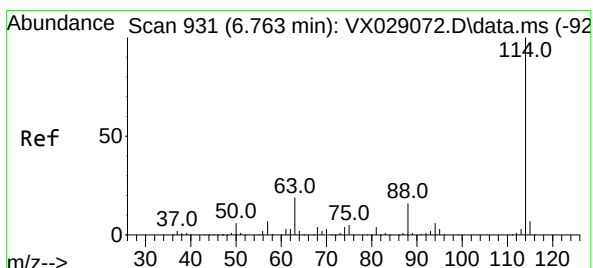
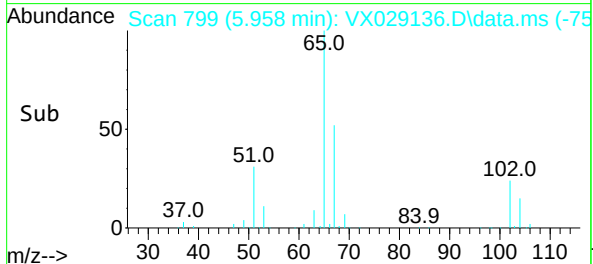
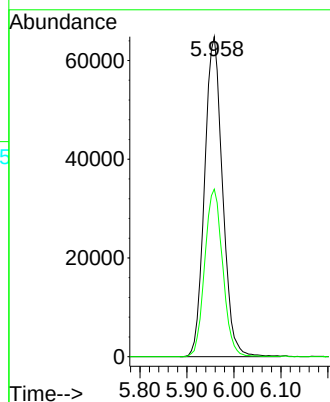
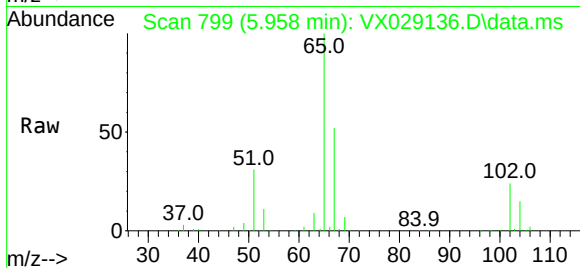
VX0602WBL01

Tgt Ion: 65 Resp: 171921

Ion Ratio Lower Upper

65 100

67 52.3 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: VX029136.D

Acq: 02 Jun 2022 15:31

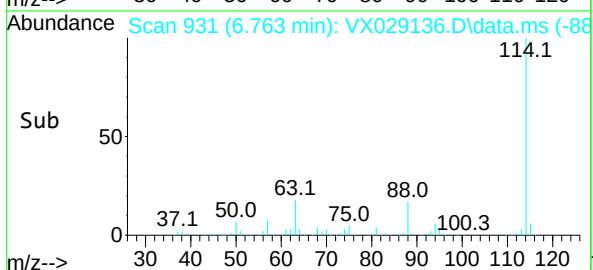
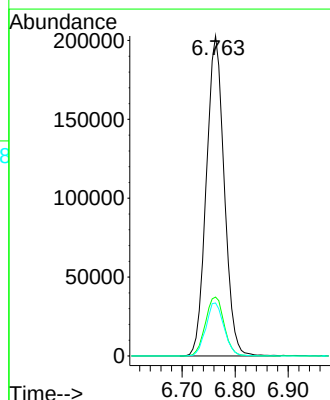
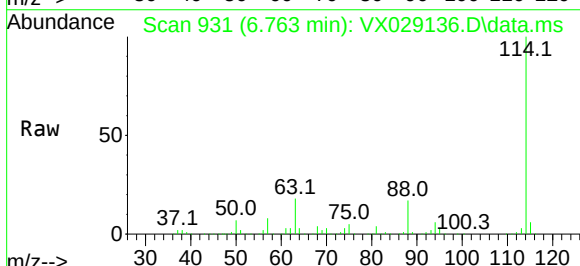
Tgt Ion: 114 Resp: 474635

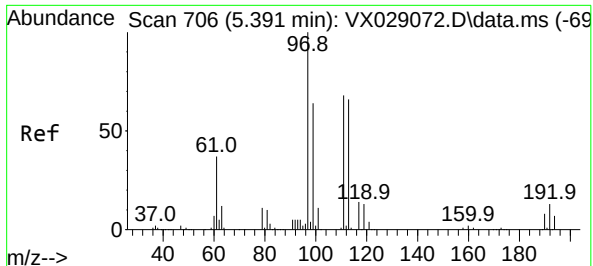
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.124 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029136.D

Acq: 02 Jun 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBL01

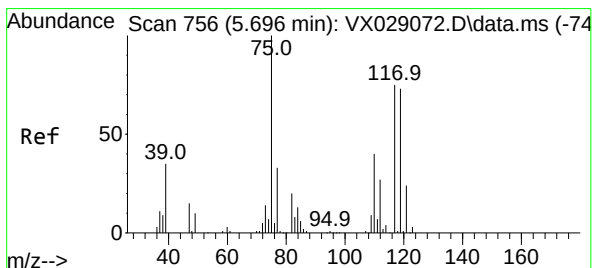
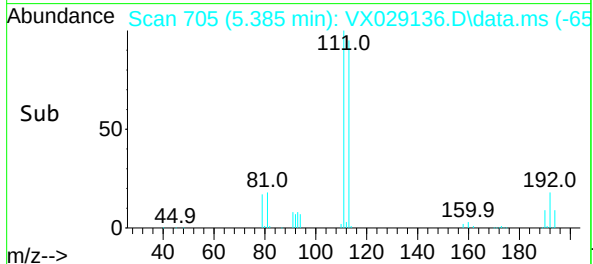
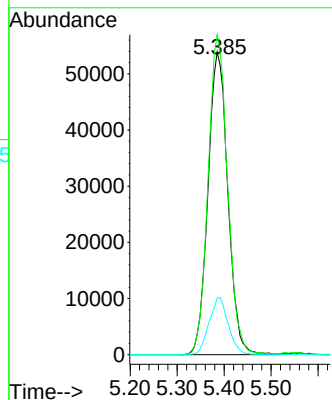
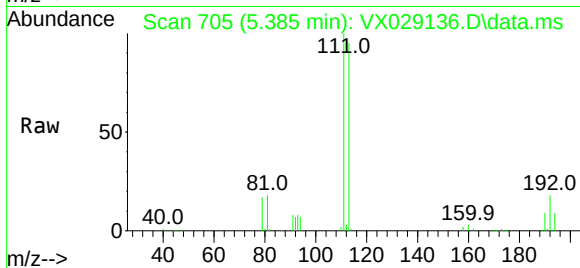
Tgt Ion:113 Resp: 158022

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 18.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.132 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029136.D

Acq: 02 Jun 2022 15:31

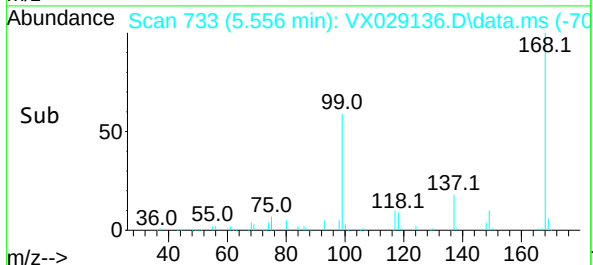
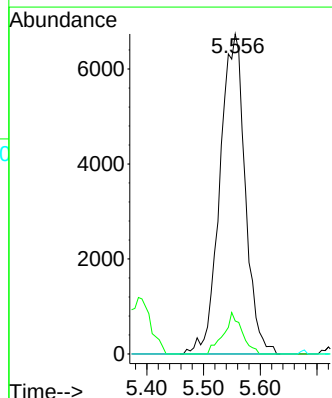
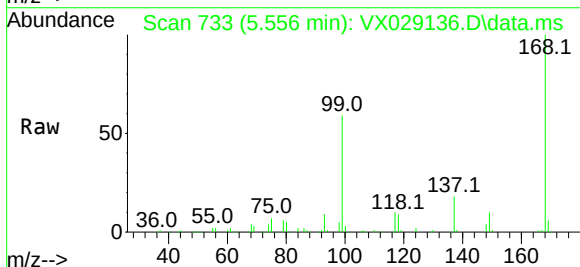
Tgt Ion: 75 Resp: 20818

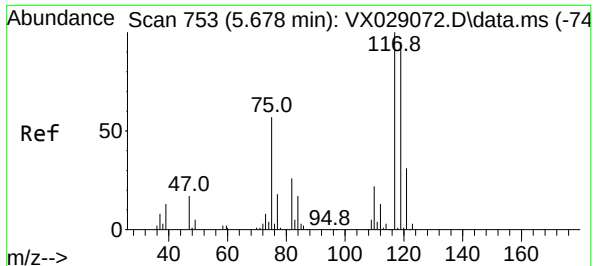
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

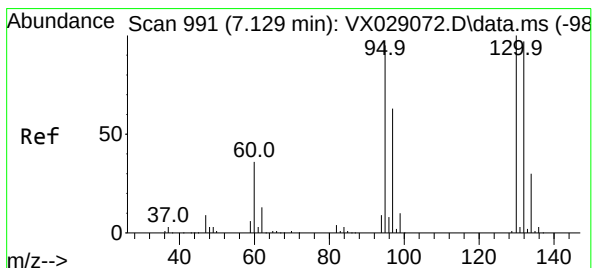
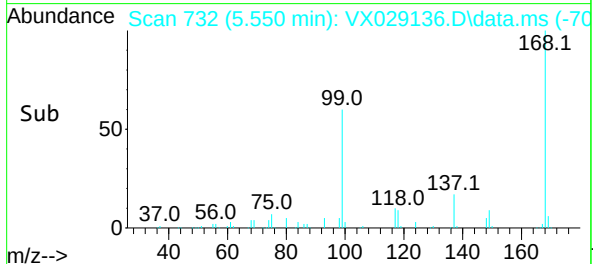
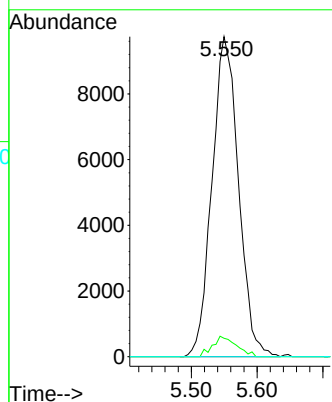
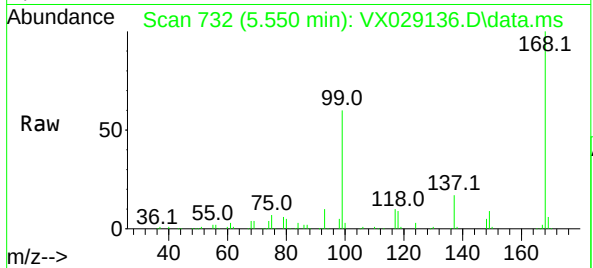




#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

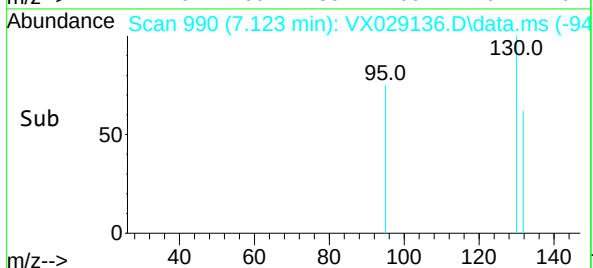
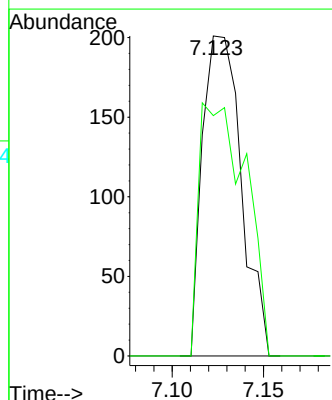
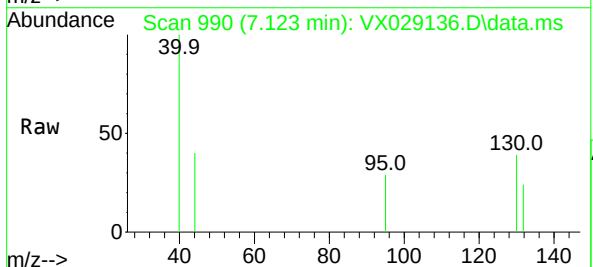
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

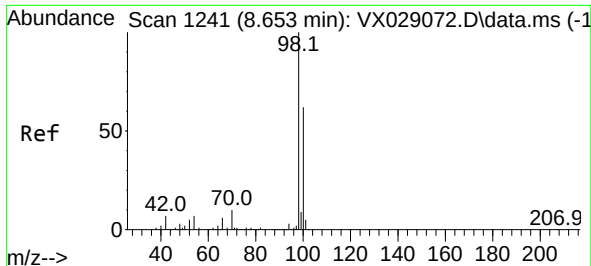
Tgt Ion:117 Resp: 27314
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion:130 Resp: 298
Ion Ratio Lower Upper
130 100
95 75.1 0.0 188.8

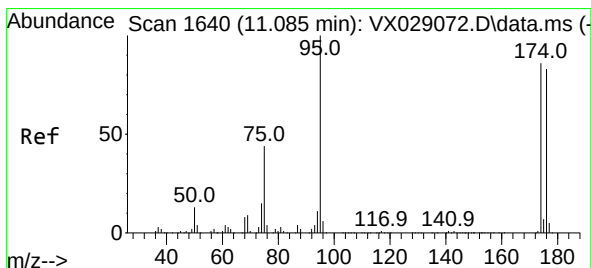
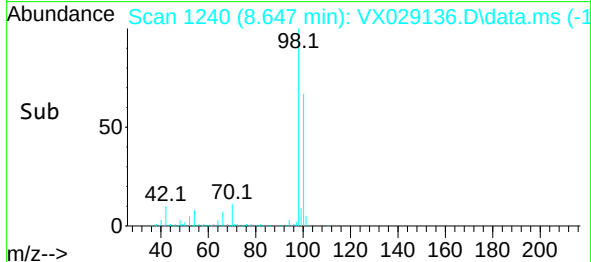
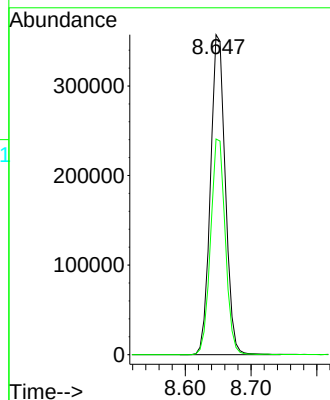
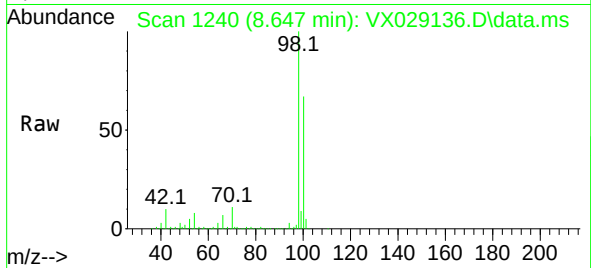




#50
Toluene-d8
Concen: 48.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

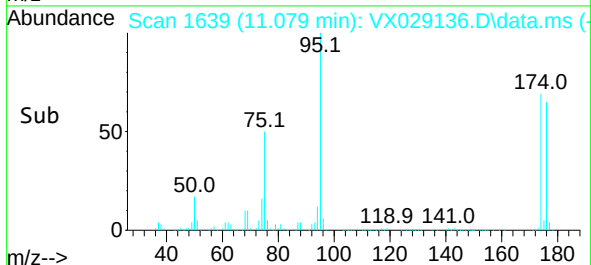
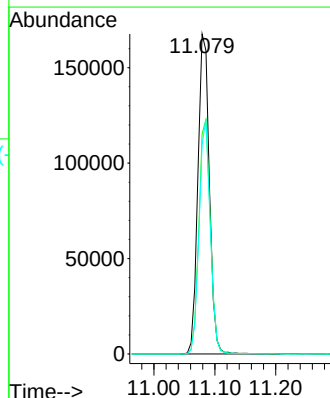
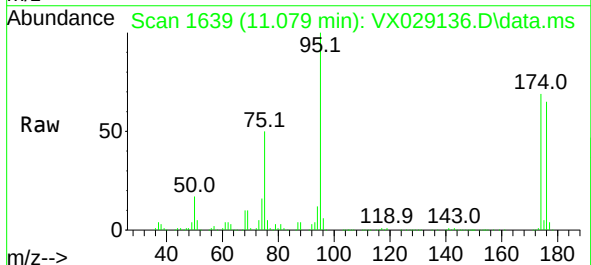
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

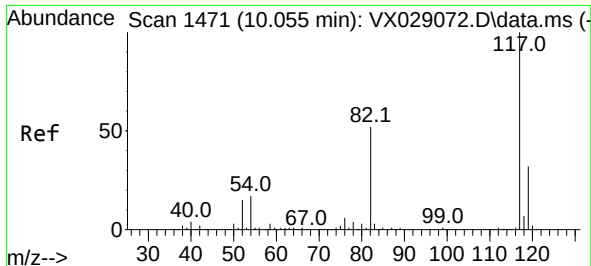
Tgt Ion: 98 Resp: 560553
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion: 95 Resp: 218806
Ion Ratio Lower Upper
95 100
174 73.1 0.0 163.0
176 70.9 0.0 155.0

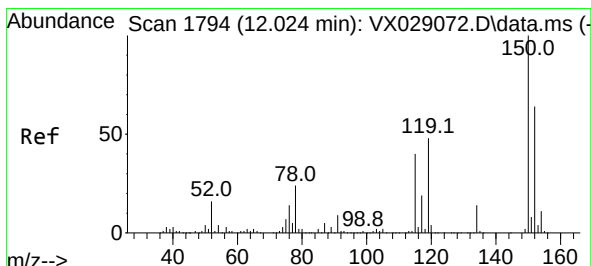
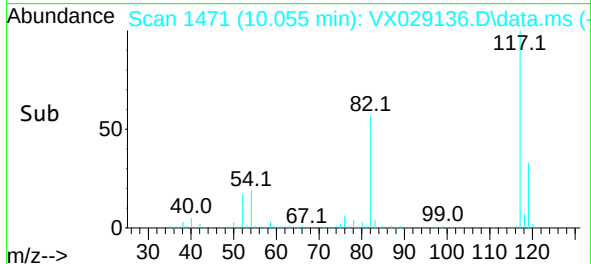
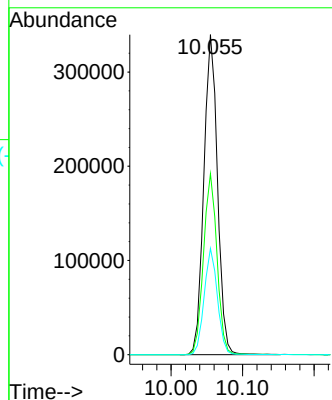
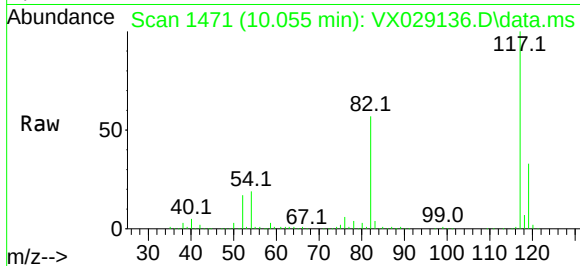




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

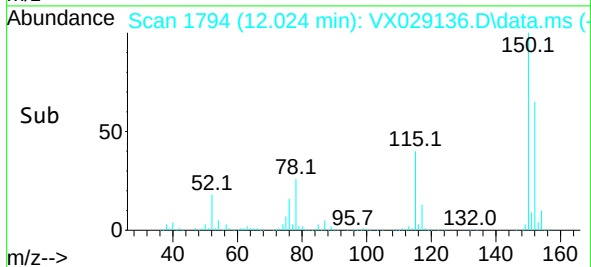
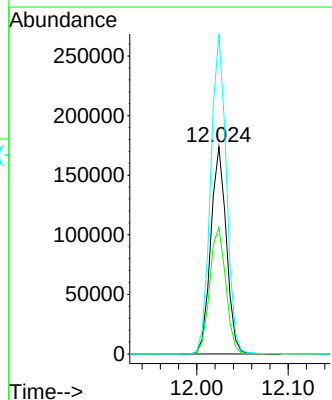
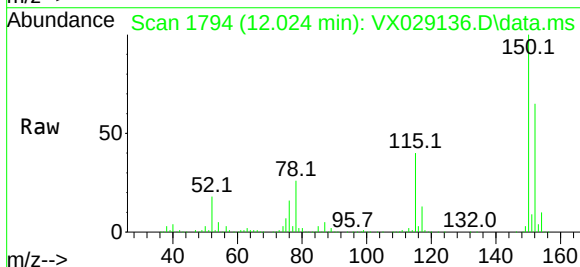
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

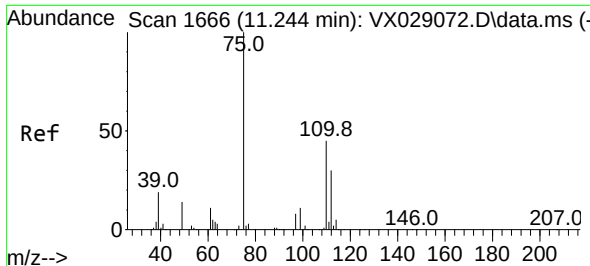
Tgt Ion:117 Resp: 451289
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 33.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion:152 Resp: 205612
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 155.7 0.0 338.2

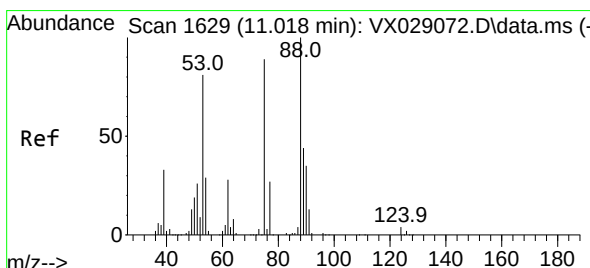
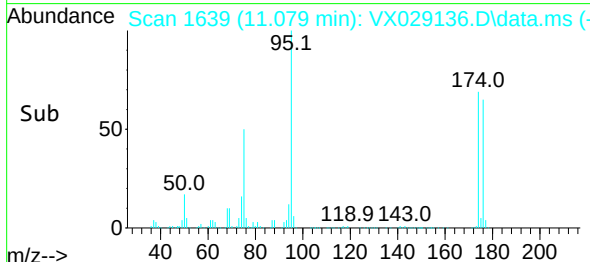
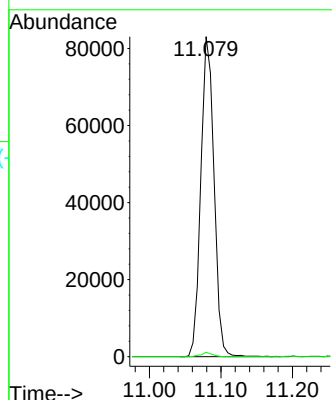
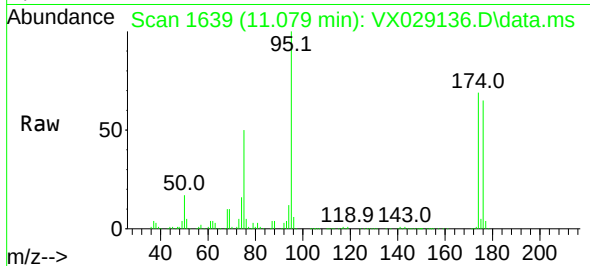




#76
1,2,3-Trichloropropane
Concen: 25.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

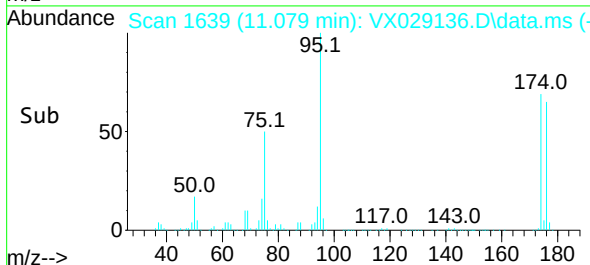
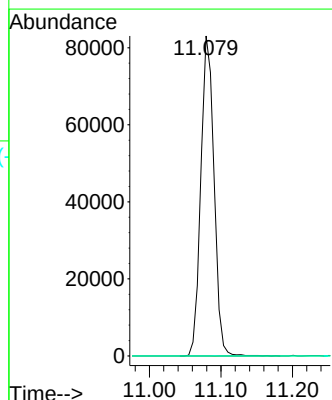
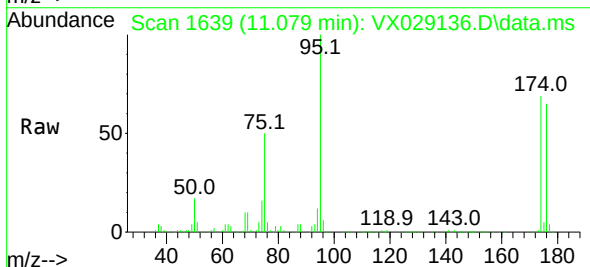
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

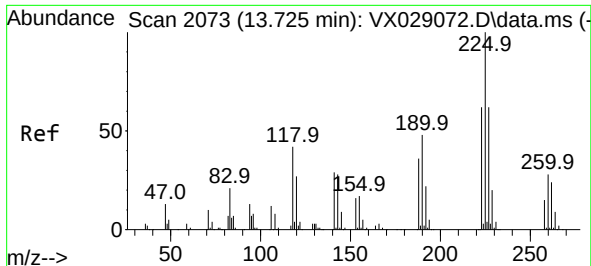
Tgt Ion: 75 Resp: 106573
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion: 75 Resp: 106573
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

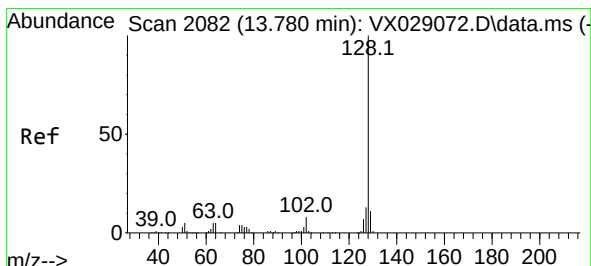
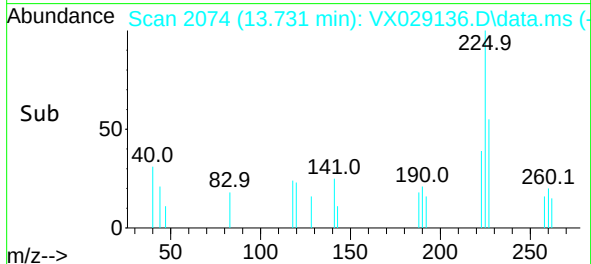
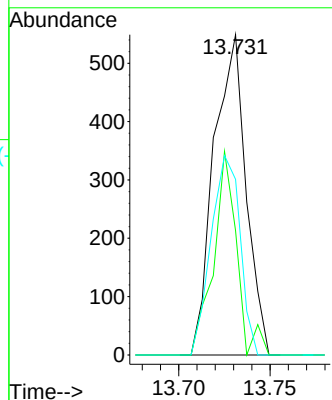
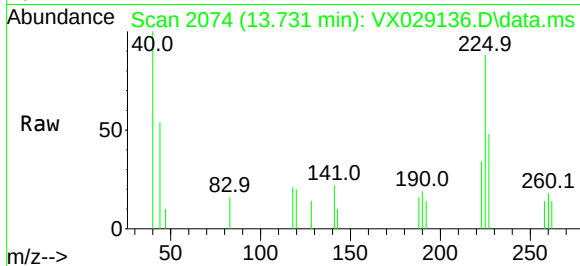




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

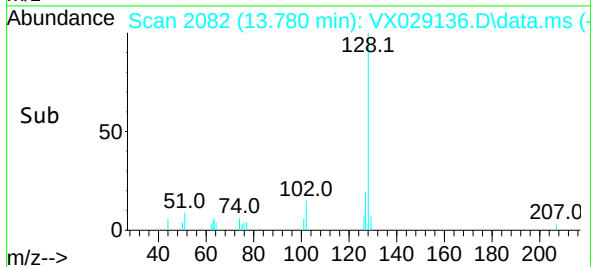
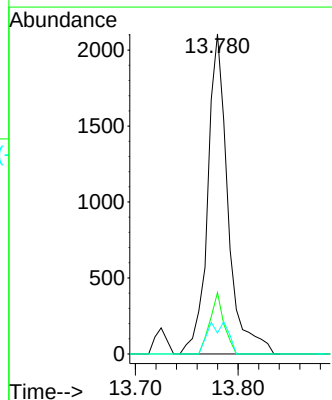
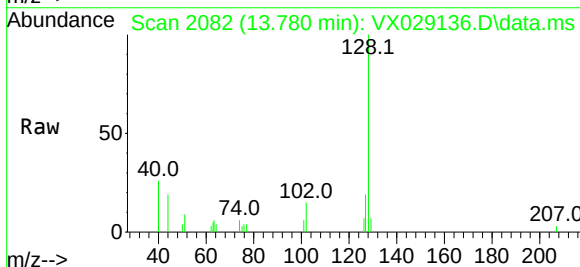
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

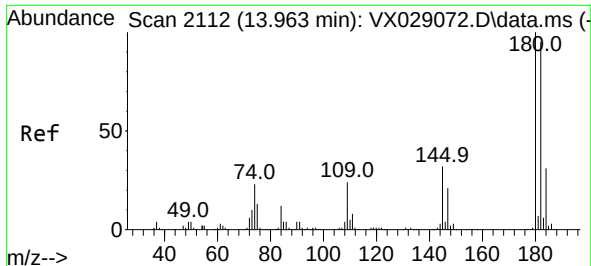
Tgt Ion:225 Resp: 670
Ion Ratio Lower Upper
225 100
223 45.5 34.2 102.5
227 56.4 33.9 101.7



#95
Naphthalene
Concen: 0.212 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029136.D
Acq: 02 Jun 2022 15:31

Tgt Ion:128 Resp: 2887
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.206 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029136.D
 Acq: 02 Jun 2022 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBL01

Tgt Ion:180 Resp: 869
 Ion Ratio Lower Upper
 180 100
 182 86.8 50.0 149.8
 145 26.4 16.2 48.5

