

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
 Data File : VX029363.D
 Acq On : 10 Jun 2022 11:00
 Operator : JC/MD
 Sample : VX0610MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610MBL01

Quant Time: Jun 11 00:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

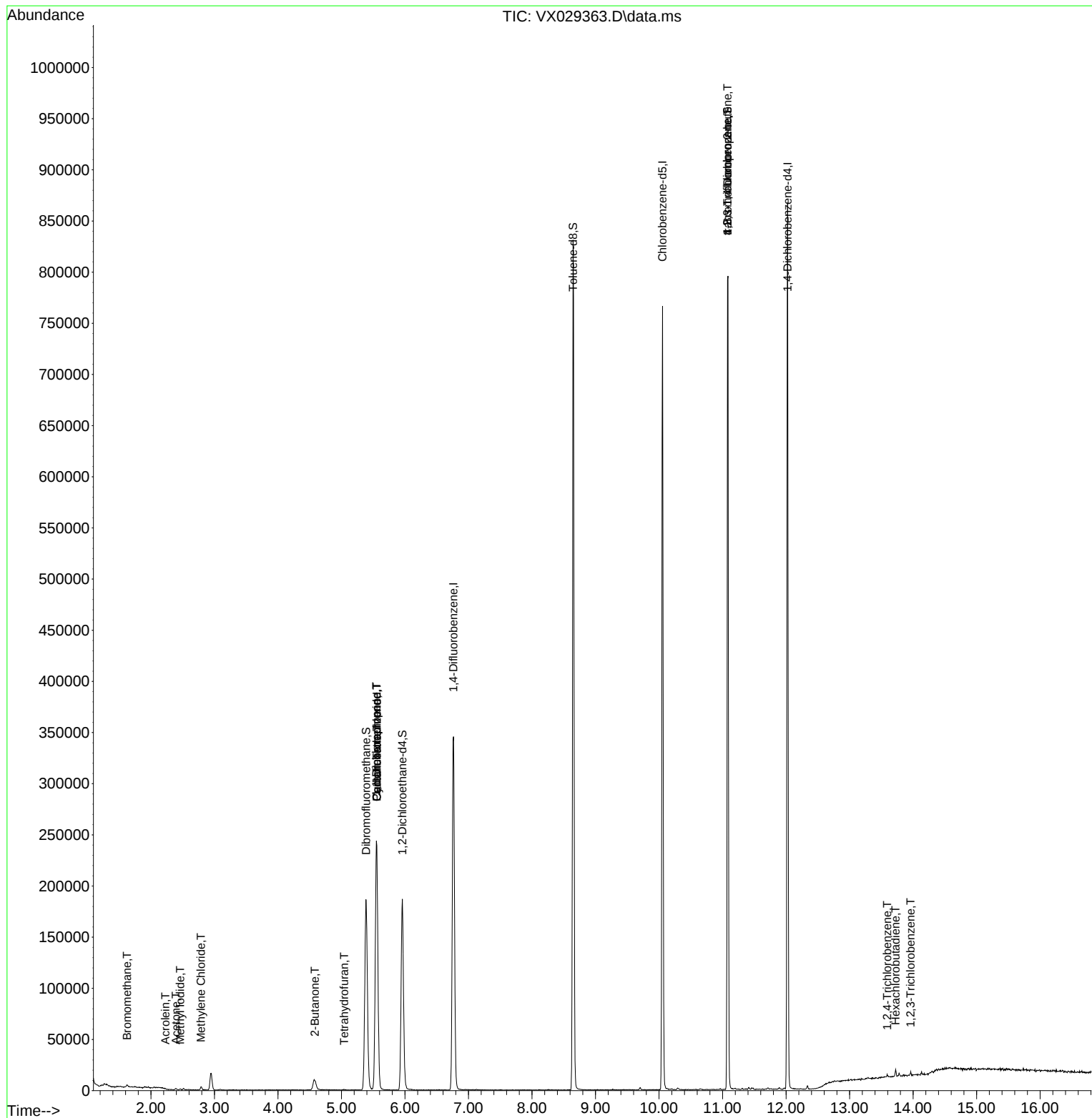
Internal Standards						
1) Pentafluorobenzene	5.556	168	229879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180182	51.546	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.100%	
35) Dibromofluoromethane	5.385	113	165554	52.361	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.720%	
50) Toluene-d8	8.647	98	495964	44.352	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 88.700%	
62) 4-Bromofluorobenzene	11.079	95	234870	53.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	826	0.382	ug/l	96
6) Chloroethane	1.679	64	20	Below Cal	#	1
10) Methyl Iodide	2.459	142	985	1.454	ug/l	98
11) Tert butyl alcohol	2.947	59	10070	Below Cal	#	74
13) Acrolein	2.227	56	98	0.231	ug/l #	64
16) Acetone	2.392	43	1453	0.781	ug/l	98
20) Methylene Chloride	2.788	84	1494	0.360	ug/l #	90
25) 2-Butanone	4.581	43	831	0.282	ug/l #	44
29) Tetrahydrofuran	5.044	42	515	0.269	ug/l #	31
31) Cyclohexane	5.556	56	4493	0.721	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18045	3.455	ug/l #	49
38) Carbon Tetrachloride	5.556	117	24309	4.554	ug/l #	15
41) Methacrylonitrile	5.038	41	161	Below Cal	#	37
76) 1,2,3-Trichloropropane	11.079	75	117911	28.547	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117911	87.072	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	824	0.226	ug/l	76
94) Hexachlorobutadiene	13.725	225	959	0.632	ug/l	89
96) 1,2,3-Trichlorobenzene	13.963	180	819	0.225	ug/l	84

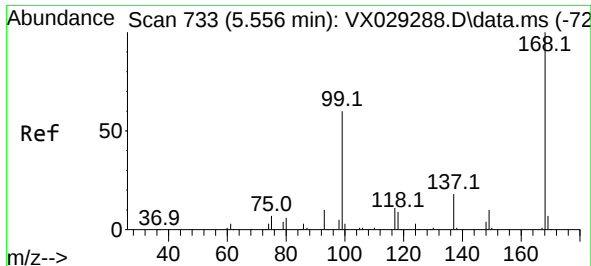
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

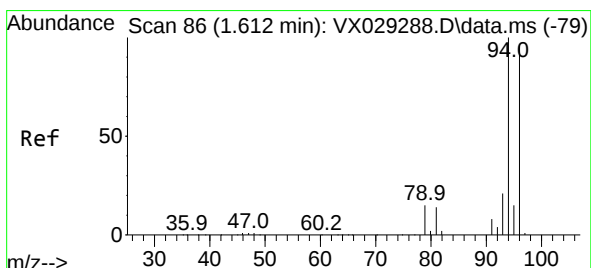
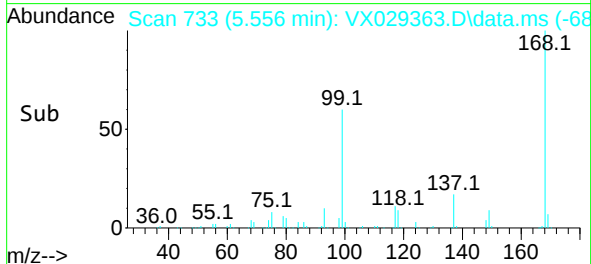
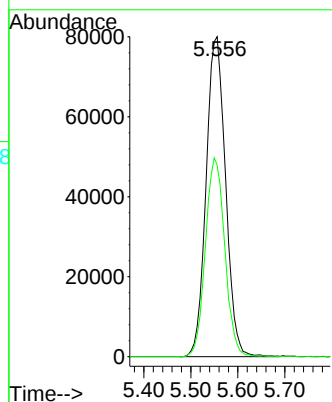
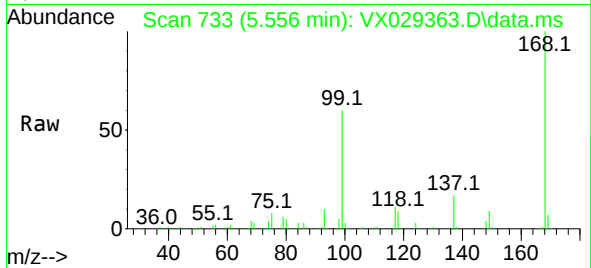




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

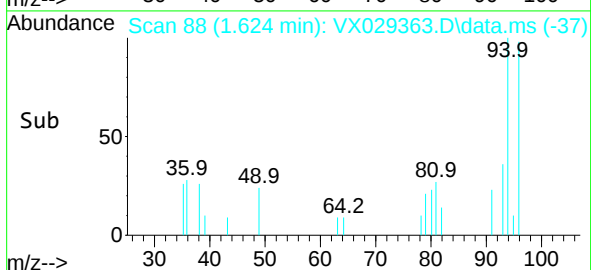
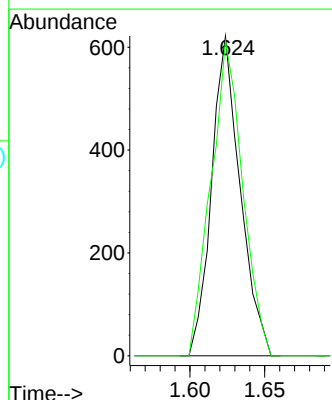
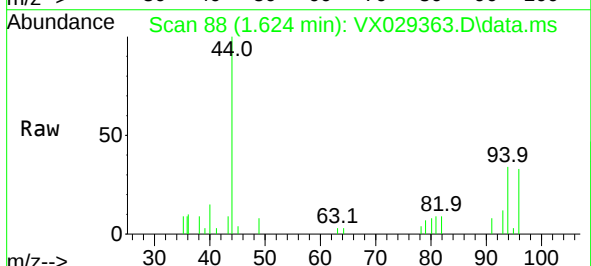
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

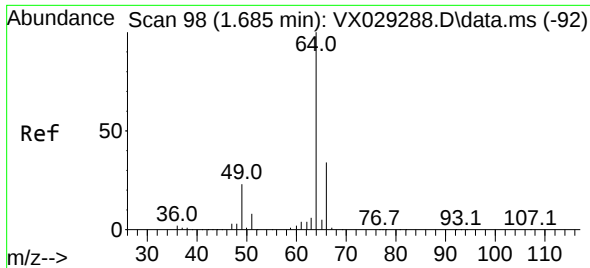
Tgt Ion:168 Resp: 229879
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#5
Bromomethane
Concen: 0.382 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion: 94 Resp: 826
Ion Ratio Lower Upper
94 100
96 98.4 75.3 112.9

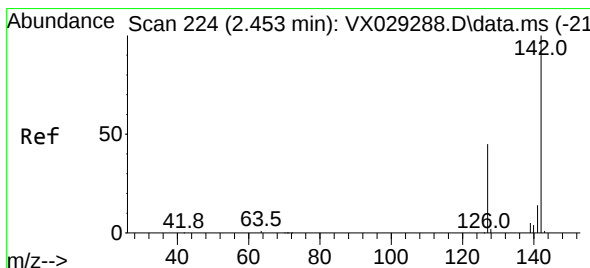
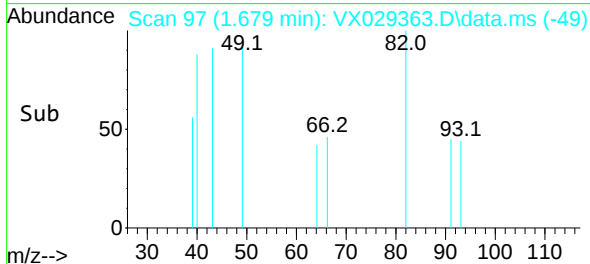
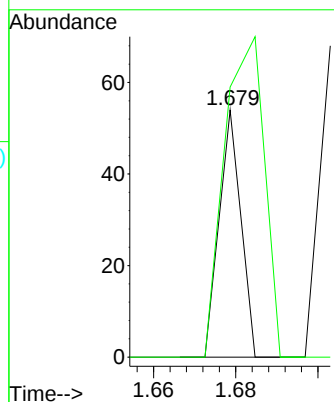
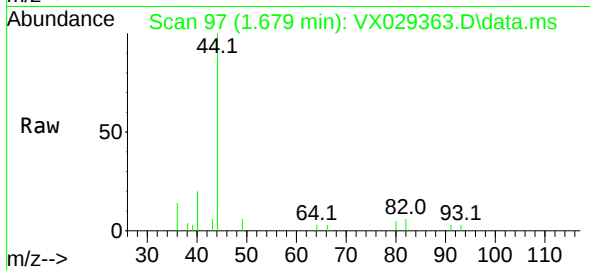




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

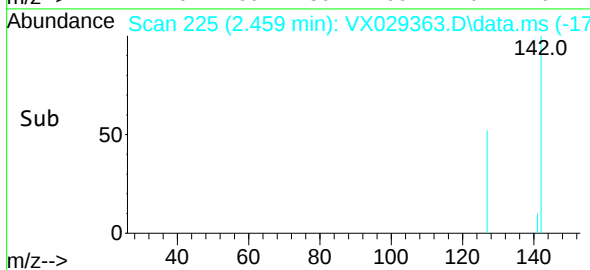
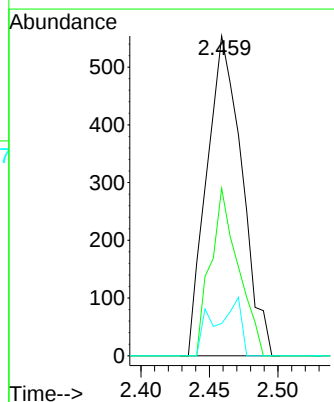
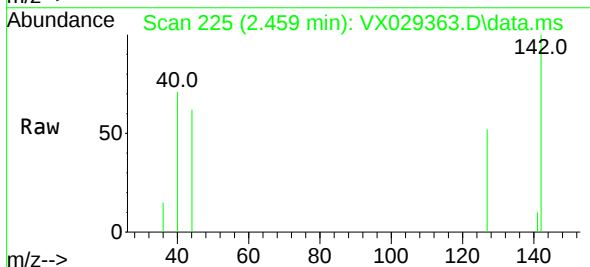
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

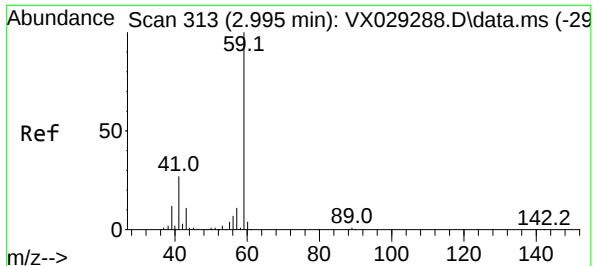
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 109.3 25.3 37.9#



#10
Methyl Iodide
Concen: 1.454 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion:142 Resp: 985
Ion Ratio Lower Upper
142 100
127 41.4 33.9 50.9
141 13.5 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX029363.D

Acq: 10 Jun 2022 11:00

Instrument :

MSVOA_X

ClientSampleId :

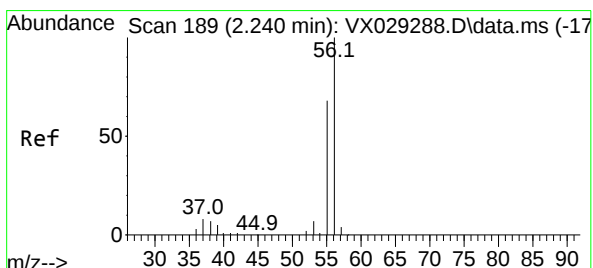
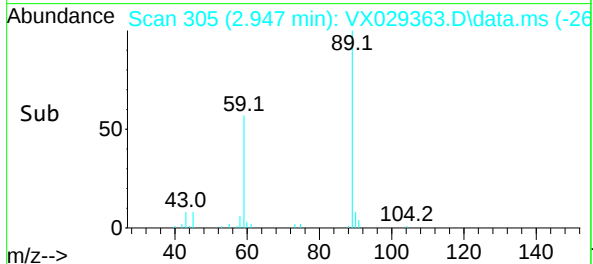
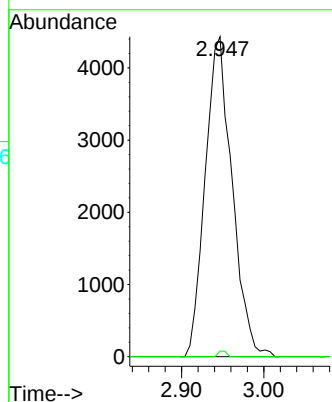
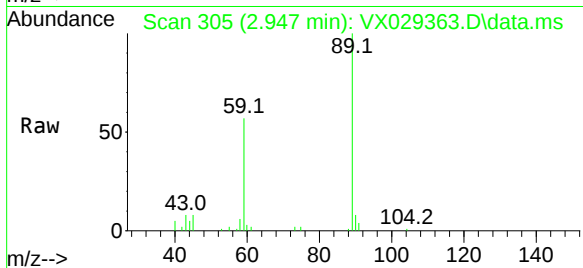
VX0610MBL01

Tgt Ion: 59 Resp: 10070

Ion Ratio Lower Upper

59 100

57 0.5 8.3 12.5#



#13

Acrolein

Concen: 0.231 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX029363.D

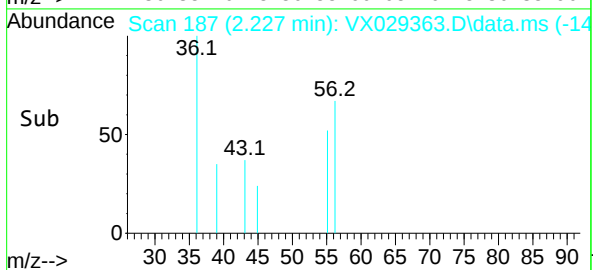
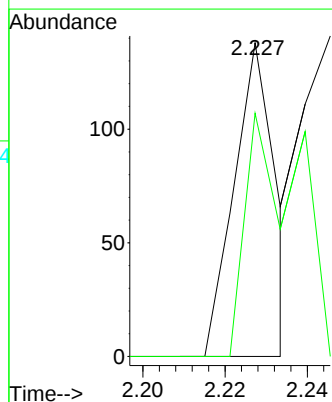
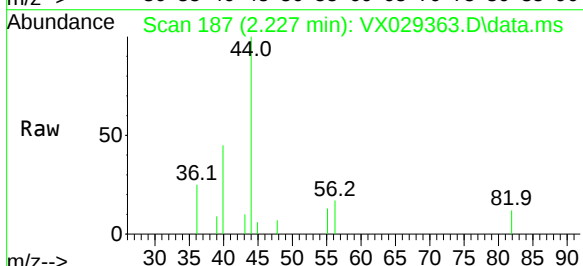
Acq: 10 Jun 2022 11:00

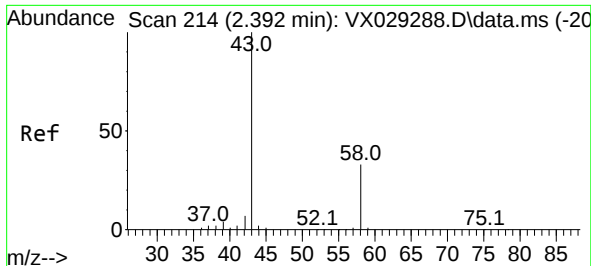
Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 98.0 55.0 82.6#

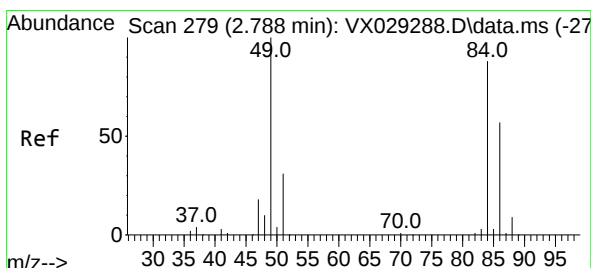
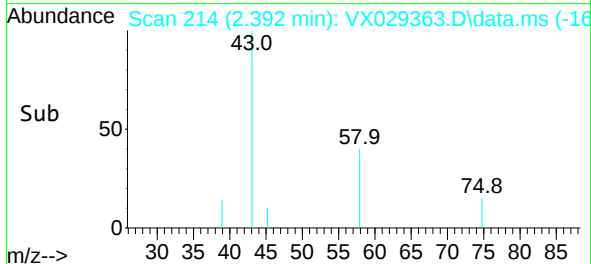
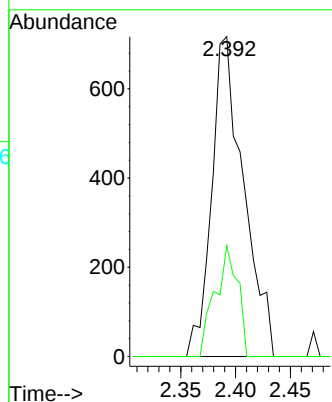
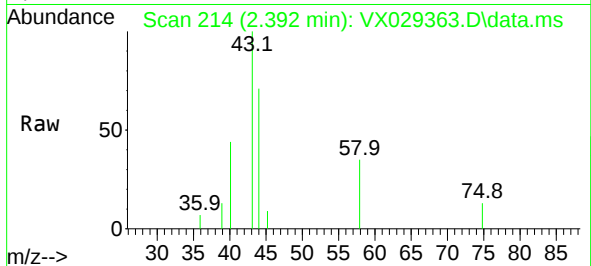




#16
Acetone
Concen: 0.781 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

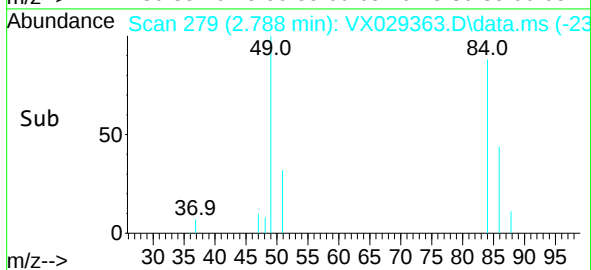
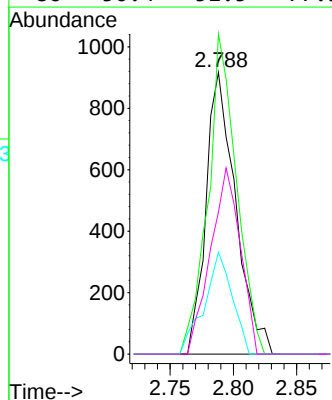
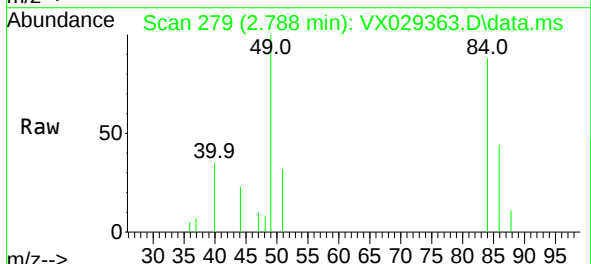
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

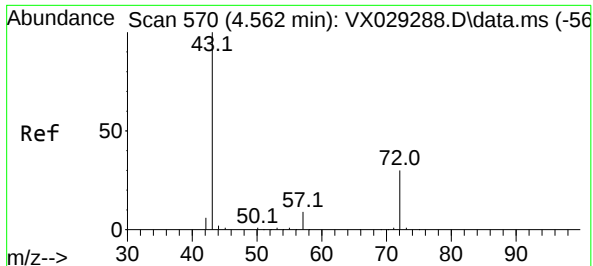
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion: 84 Resp: 1494
Ion Ratio Lower Upper
84 100
49 113.6 85.5 128.3
51 36.2 26.6 39.8
86 50.4 51.5 77.3#

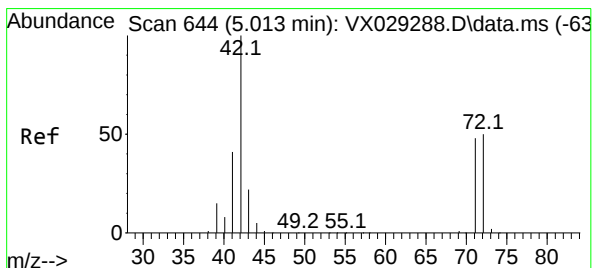
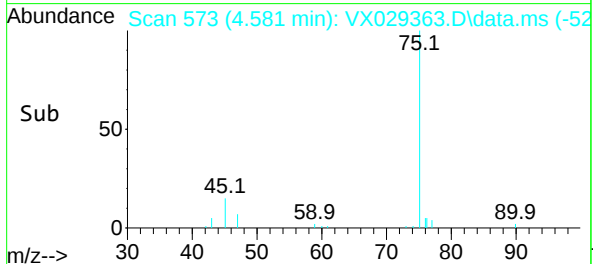
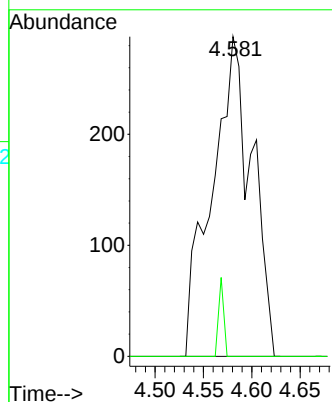
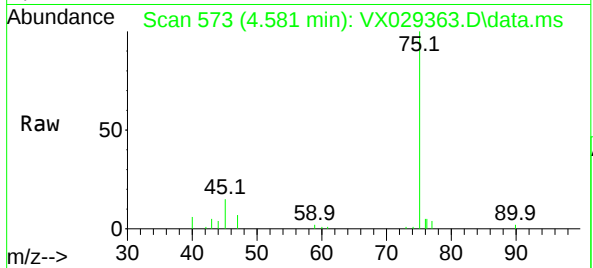




#25
2-Butanone
Concen: 0.282 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

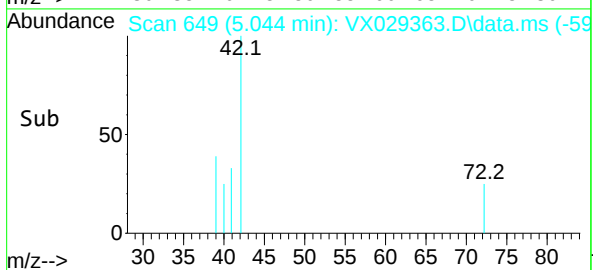
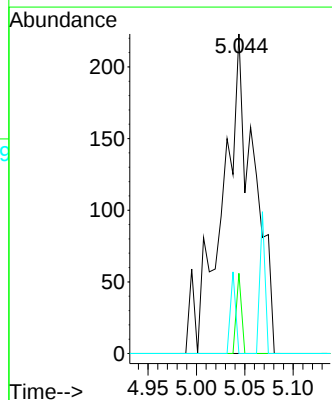
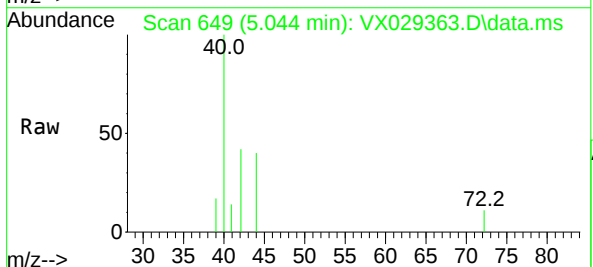
Instrument :
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ClientSampleId :
VX0610MBL01

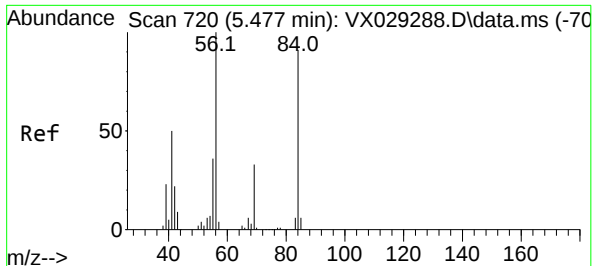
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.269 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.030 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion: 42 Resp: 515
Ion Ratio Lower Upper
42 100
72 3.9 44.1 66.1#
71 4.1 40.5 60.7#

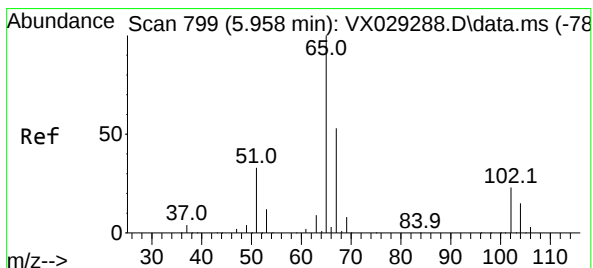
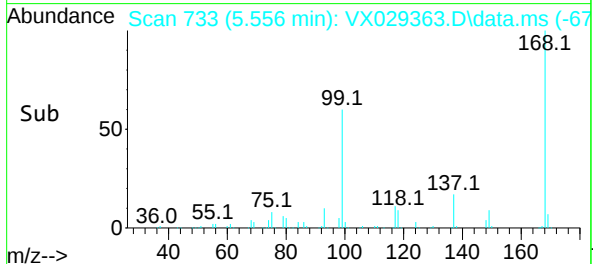
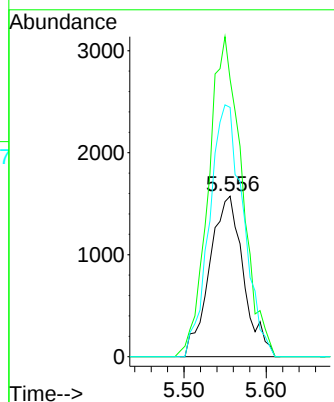
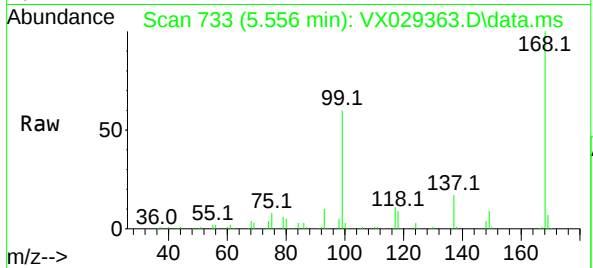




#31
Cyclohexane
Concen: 0.721 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

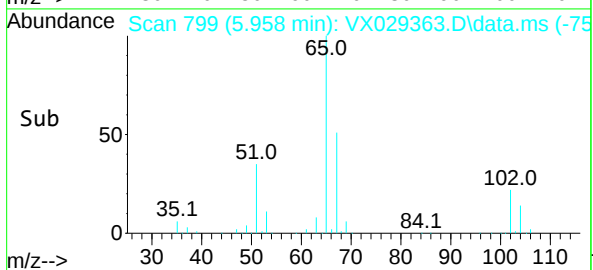
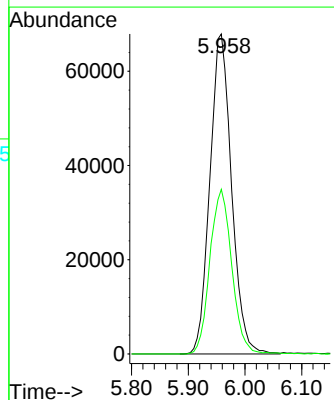
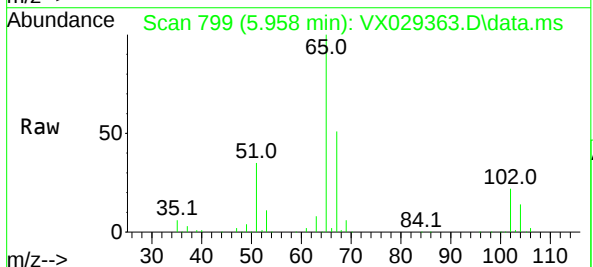
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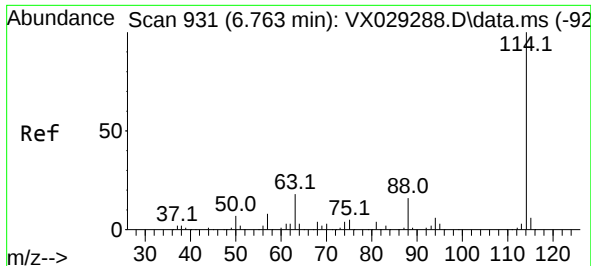
Tgt Ion: 56 Resp: 4493
Ion Ratio Lower Upper
56 100
69 172.7 26.7 40.1#
84 155.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.546 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion: 65 Resp: 180182
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

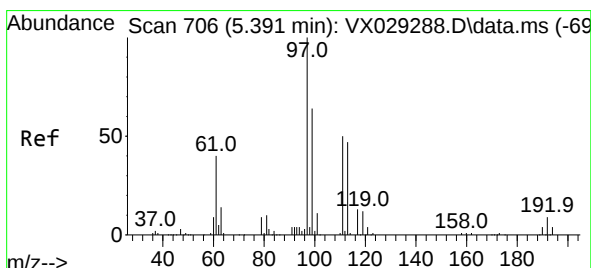
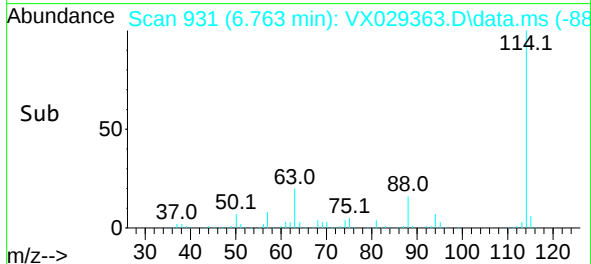
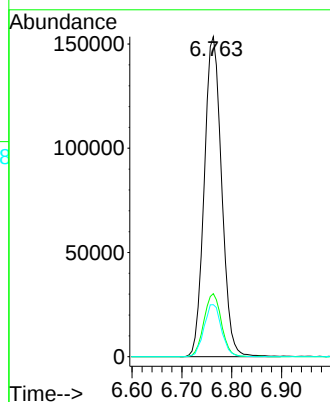
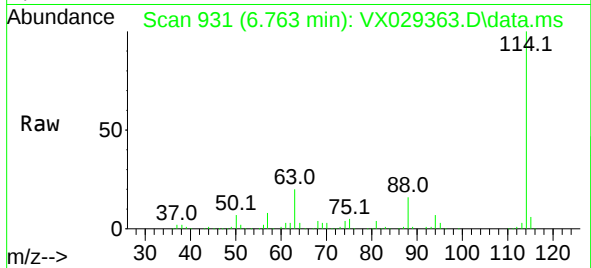




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

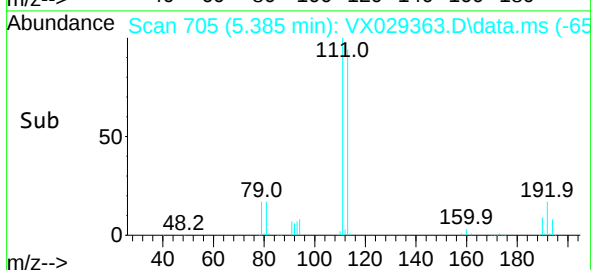
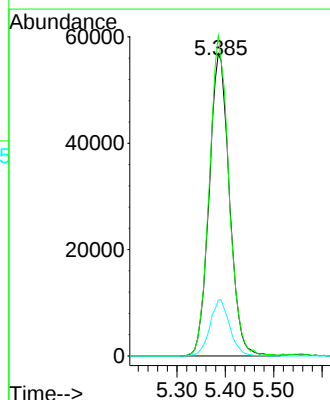
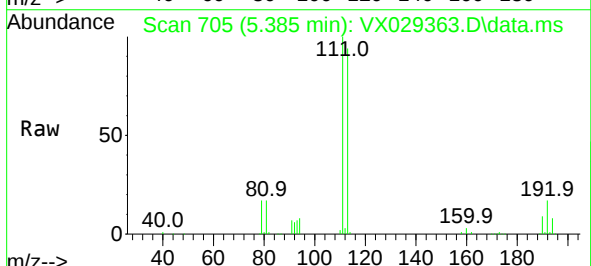
Instrument :
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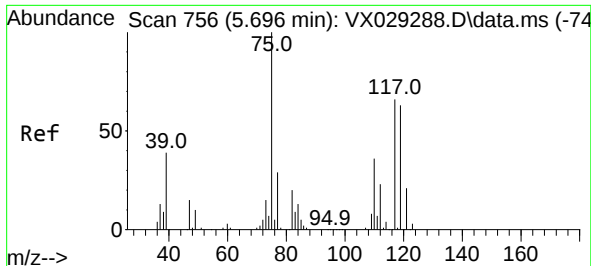
Tgt Ion:114 Resp: 371912
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.361 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion:113 Resp: 165554
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.1 16.9 25.3

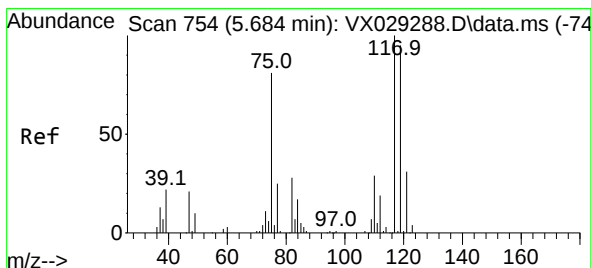
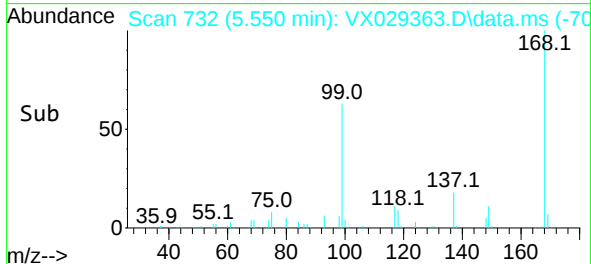
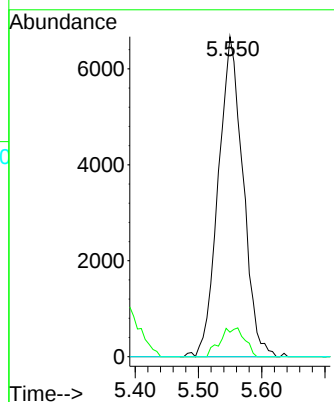
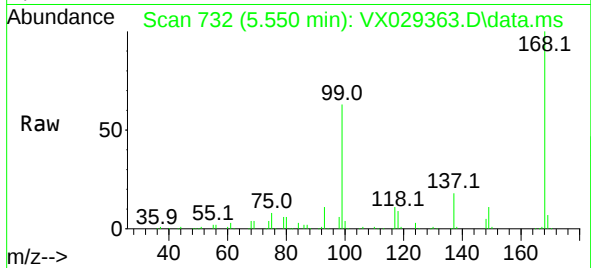




#36
 1,1-Dichloropropene
 Concen: 3.455 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.146 min
 Lab File: VX029363.D
 Acq: 10 Jun 2022 11:00

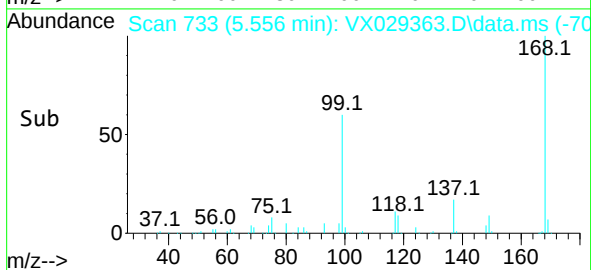
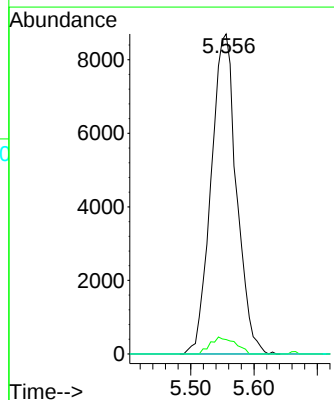
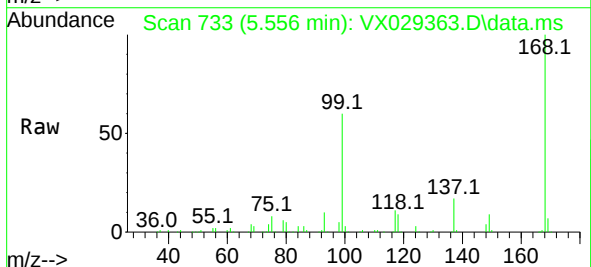
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610MBL01

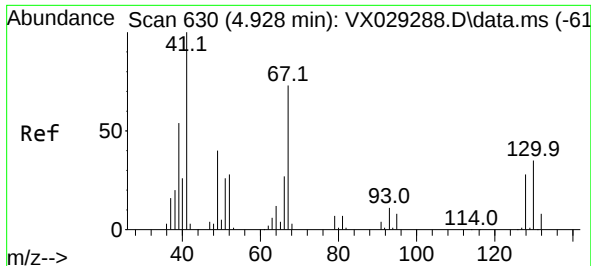
Tgt Ion: 75 Resp: 18045
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.554 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX029363.D
 Acq: 10 Jun 2022 11:00

Tgt Ion: 117 Resp: 24309
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.3 115.9#
 121 0.0 24.2 36.2#

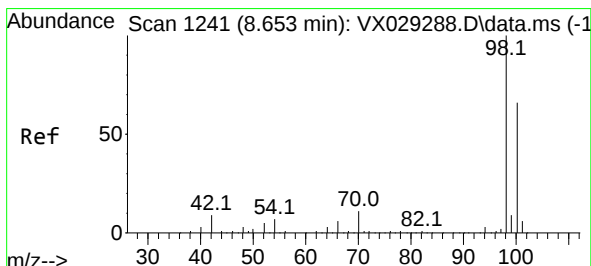
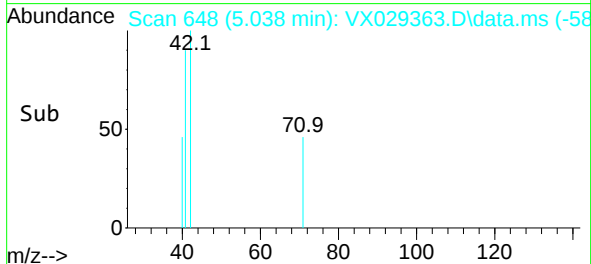
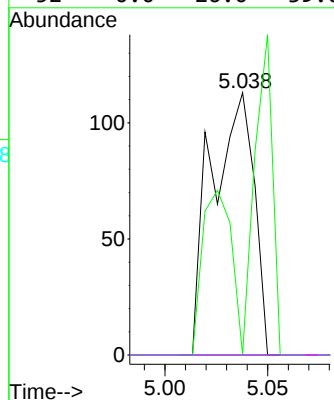
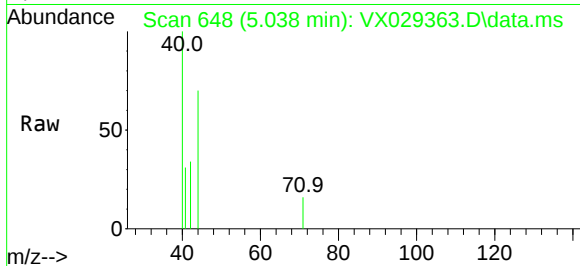




#41
Methacrylonitrile
Concen: Below Cal
RT: 5.038 min Scan# 64
Delta R.T. 0.110 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

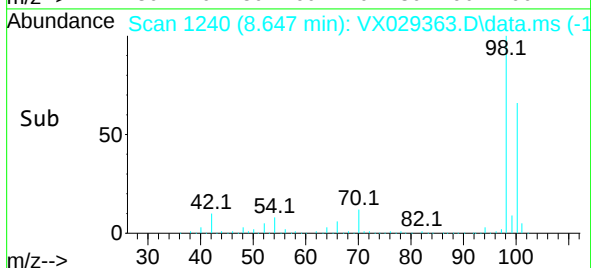
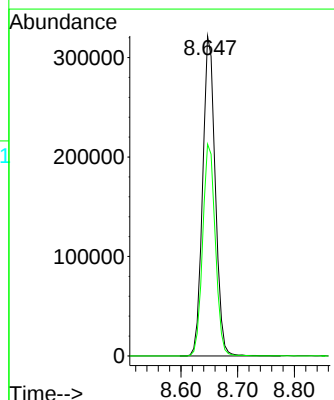
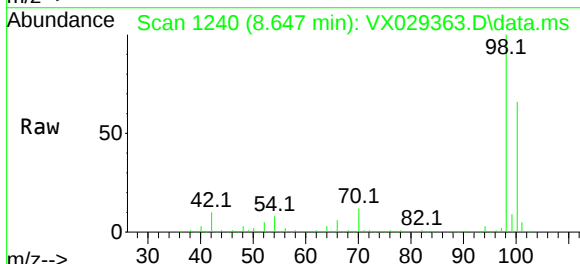
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

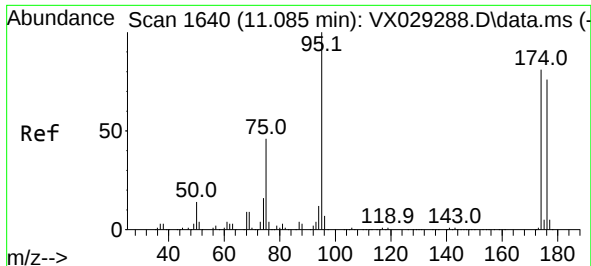
Tgt Ion: 41	Resp: 161
Ion Ratio	Lower Upper
41 100	
39 43.5	43.0 64.4
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#50
Toluene-d8
Concen: 44.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion: 98	Resp: 495964
Ion Ratio	Lower Upper
98 100	
100 66.6	52.6 78.8

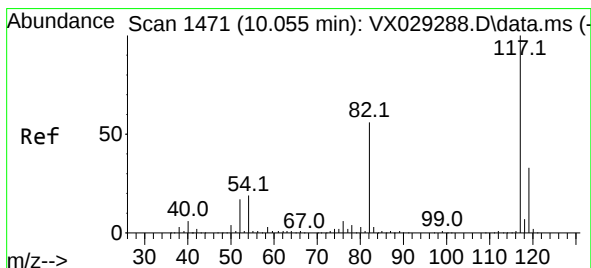
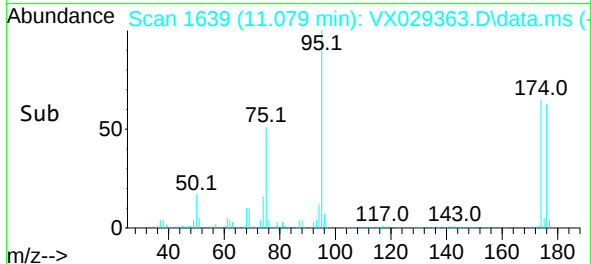
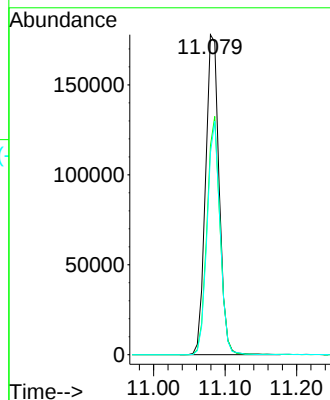
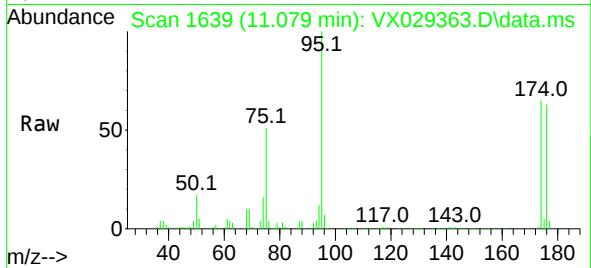




#62
4-Bromofluorobenzene
Concen: 53.672 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

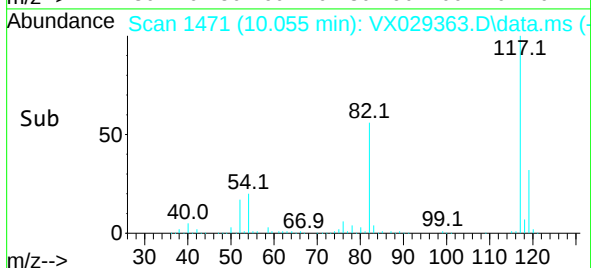
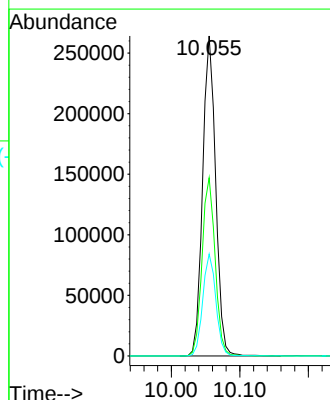
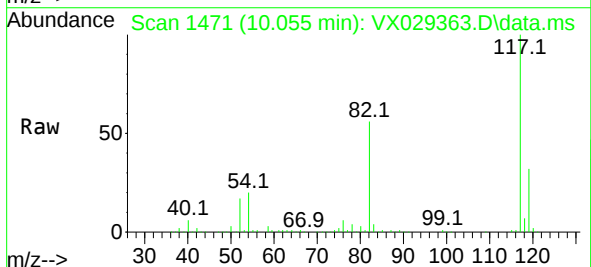
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

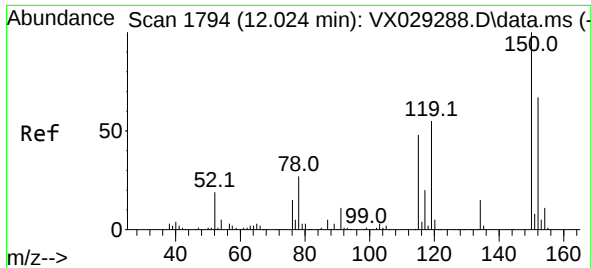
Tgt Ion: 95 Resp: 234870
Ion Ratio Lower Upper
95 100
174 71.2 0.0 163.0
176 69.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion: 117 Resp: 350090
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.9 24.8 37.2

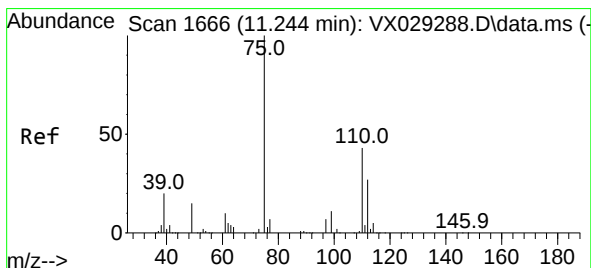
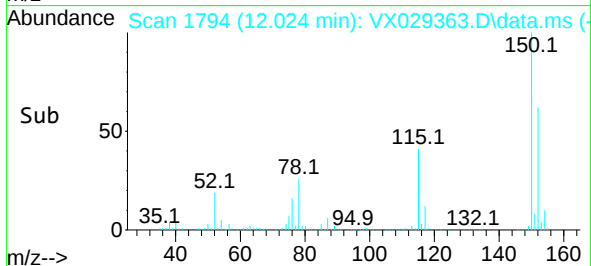
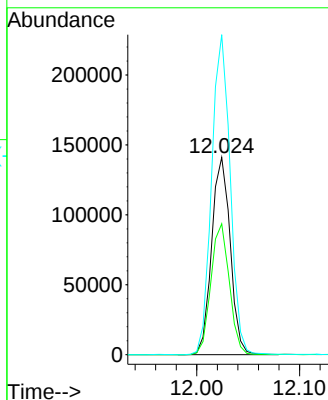
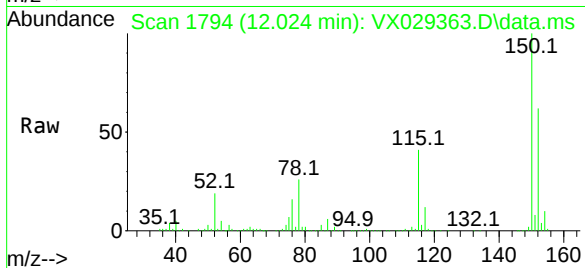




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029363.D
 Acq: 10 Jun 2022 11:00

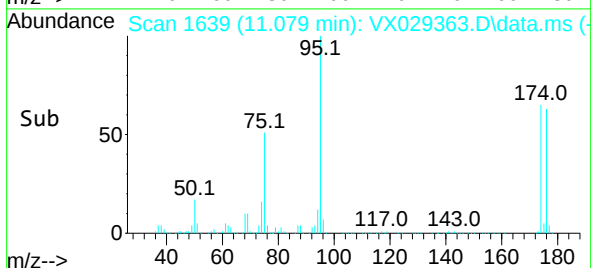
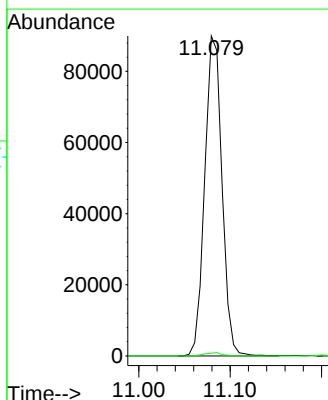
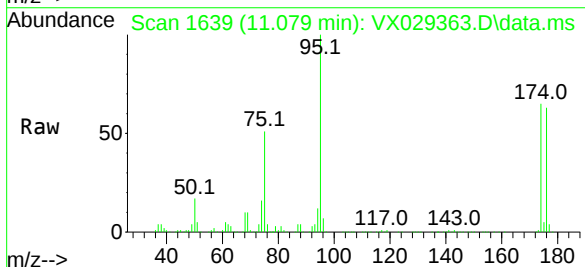
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610MBL01

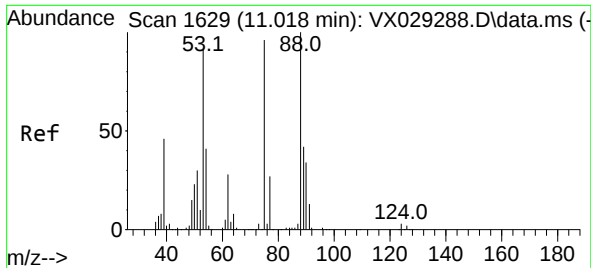
Tgt Ion:152 Resp: 176835
 Ion Ratio Lower Upper
 152 100
 115 65.9 37.5 112.7
 150 162.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.547 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029363.D
 Acq: 10 Jun 2022 11:00

Tgt Ion: 75 Resp: 117911
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

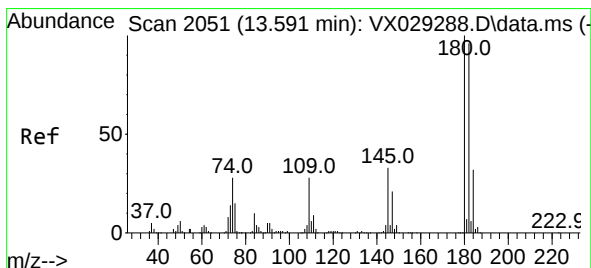
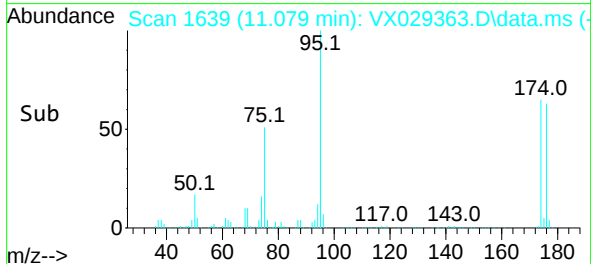
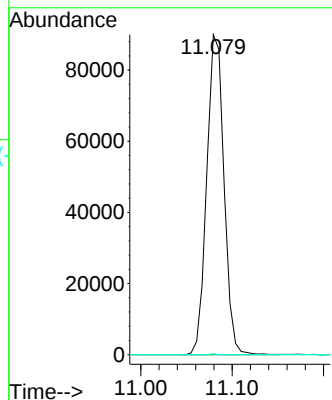
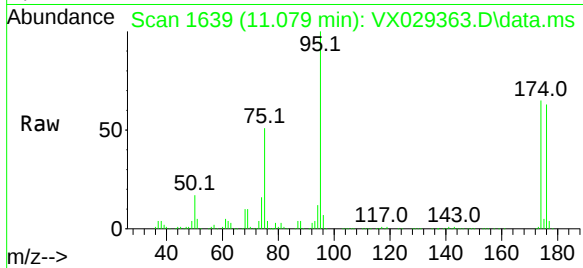




#81
trans-1,4-Dichloro-2-butene
Concen: 87.072 ug/l
RT: 11.079 min Scan# 117911
Delta R.T. 0.061 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

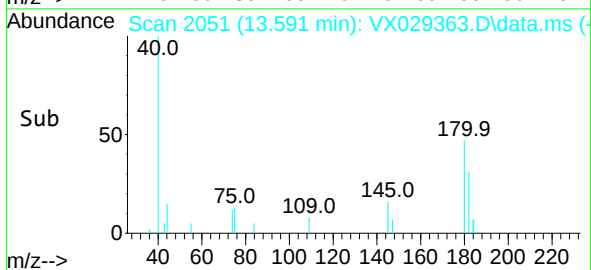
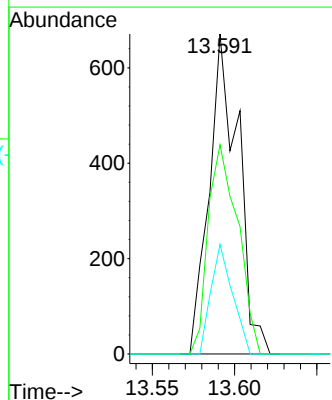
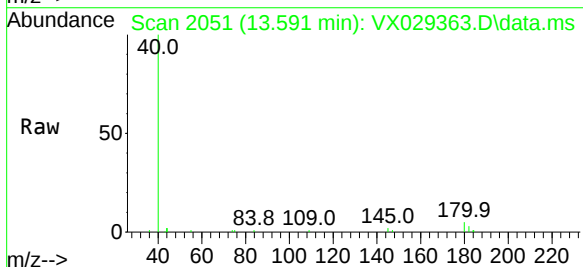
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

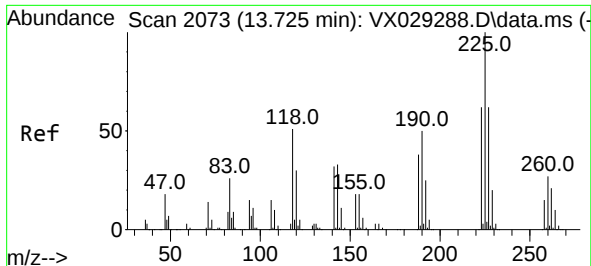
Tgt Ion: 75 Resp: 117911
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion:180 Resp: 824
Ion Ratio Lower Upper
180 100
182 66.7 47.7 143.1
145 25.5 15.2 45.5

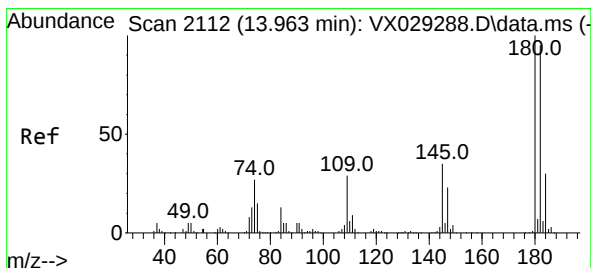
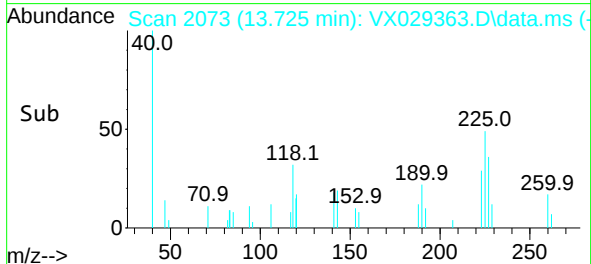
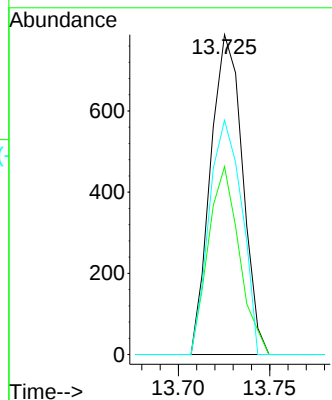
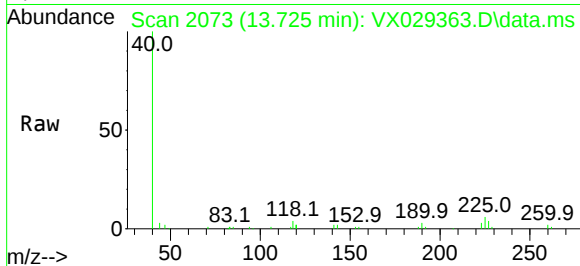




#94
Hexachlorobutadiene
Concen: 0.632 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

Tgt Ion:225	Resp:	959
Ion	Ratio	Lower Upper
225	100	
223	56.9	34.2 102.5
227	74.8	33.9 101.7



#96
1,2,3-Trichlorobenzene
Concen: 0.225 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029363.D
Acq: 10 Jun 2022 11:00

Tgt Ion:180	Resp:	819
Ion	Ratio	Lower Upper
180	100	
182	83.3	50.0 149.8
145	39.9	16.2 48.5

