

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
 Data File : VX029364.D
 Acq On : 10 Jun 2022 13:12
 Operator : JC/MD
 Sample : VX0610WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

Quant Time: Jun 11 00:52:14 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)

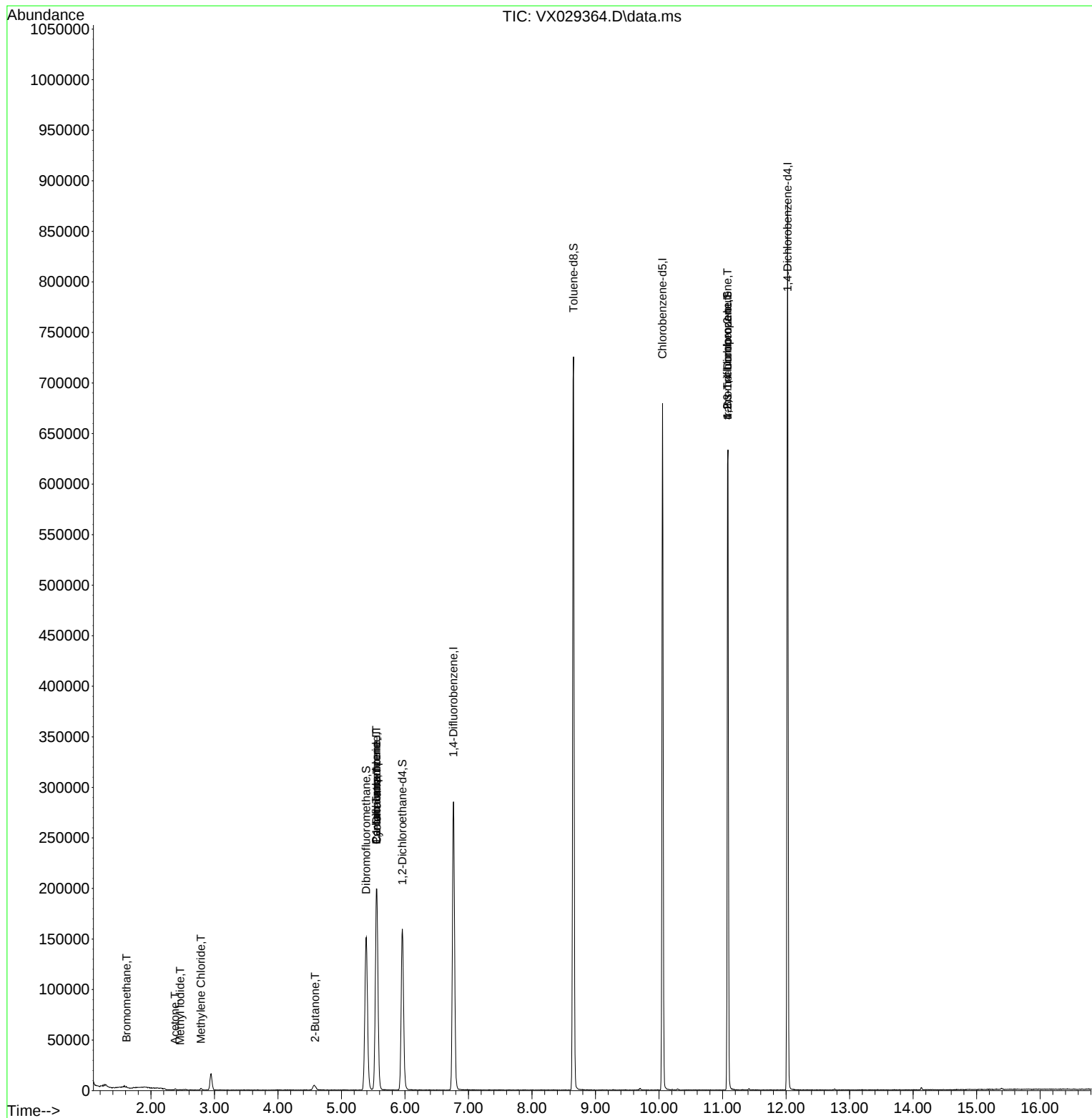
Internal Standards						
1) Pentafluorobenzene	5.549	168	187629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	303525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157500	55.332	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.660%	
35) Dibromofluoromethane	5.385	113	135997	52.704	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.400%	
50) Toluene-d8	8.653	98	442602	48.498	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.000%	
62) 4-Bromofluorobenzene	11.079	95	182040	50.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	781	0.442	ug/l	# 70
6) Chloroethane	1.642	64	160	Below Cal	#	43
10) Methyl Iodide	2.459	142	396	1.343	ug/l	# 88
11) Tert butyl alcohol	2.946	59	9474	Below Cal	#	73
16) Acetone	2.379	43	1068	0.704	ug/l	100
20) Methylene Chloride	2.788	84	852	0.251	ug/l	# 91
25) 2-Butanone	4.586	43	491	0.204	ug/l	# 44
31) Cyclohexane	5.556	56	3958	0.778	ug/l	# 15
36) 1,1-Dichloropropene	5.549	75	14941	3.505	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	20109	4.616	ug/l	# 17
41) Methacrylonitrile	5.025	41	46	Below Cal	#	40
76) 1,2,3-Trichloropropane	11.079	75	90755	21.808	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	90755	67.035	ug/l	# 15

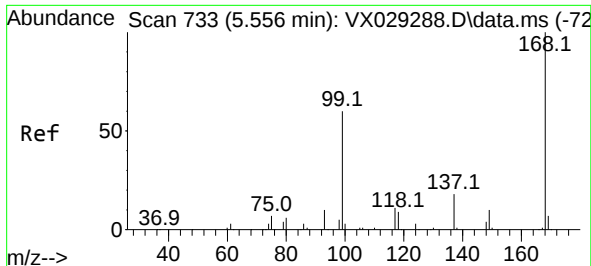
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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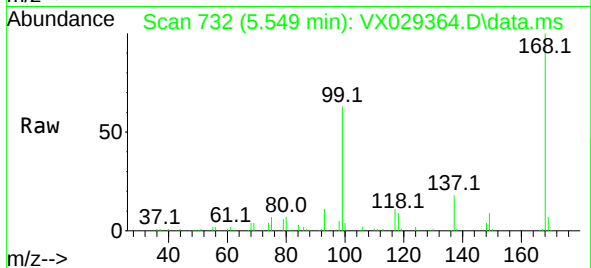
Quant Time: Jun 11 00:52:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



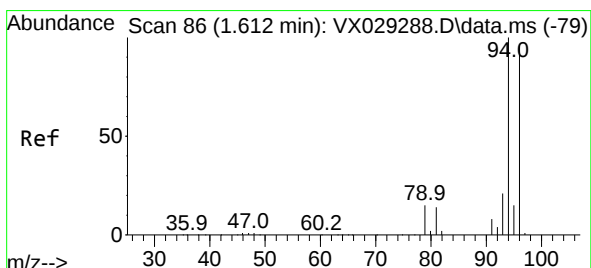
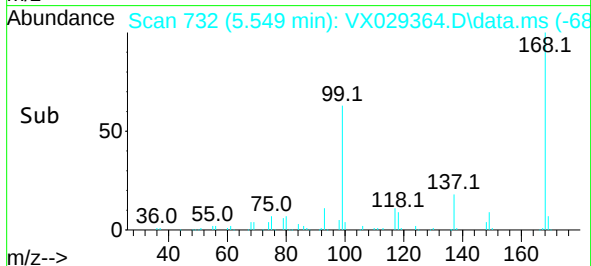
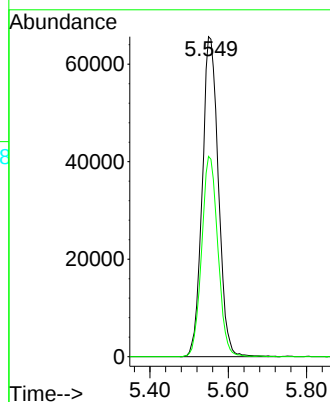


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

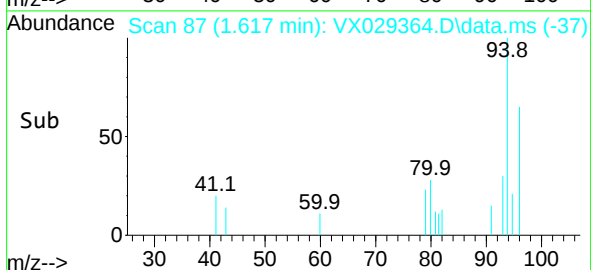
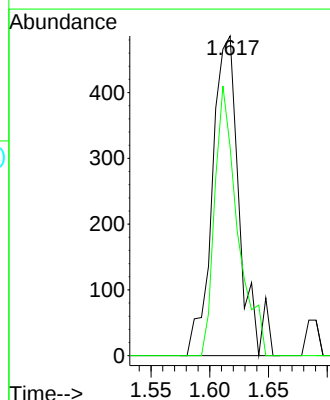
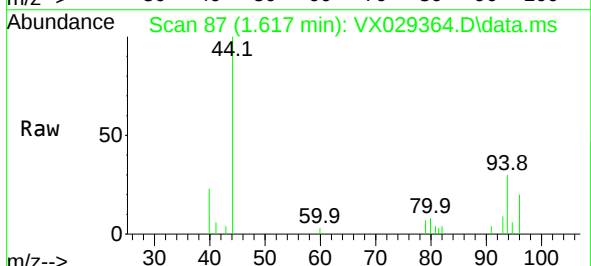


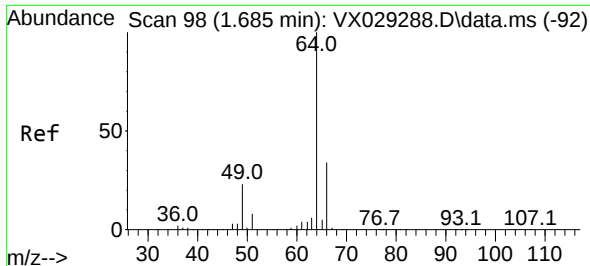
Tgt Ion:168 Resp: 187629
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#5
Bromomethane
Concen: 0.442 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion: 94 Resp: 781
Ion Ratio Lower Upper
94 100
96 65.2 75.3 112.9#

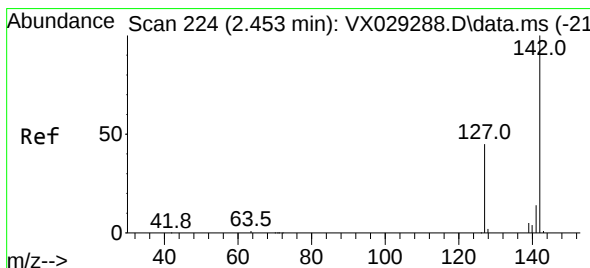
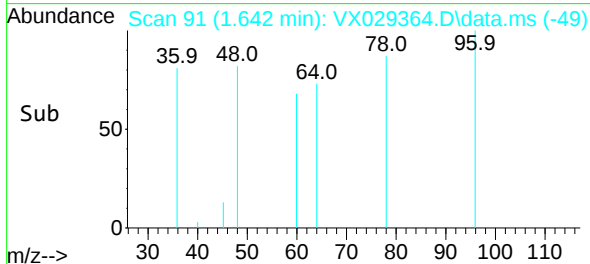
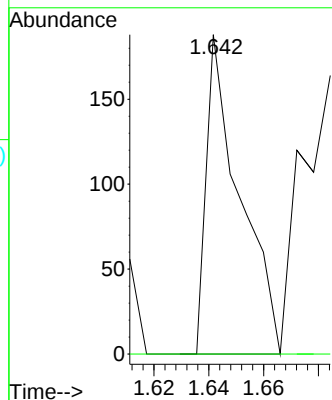
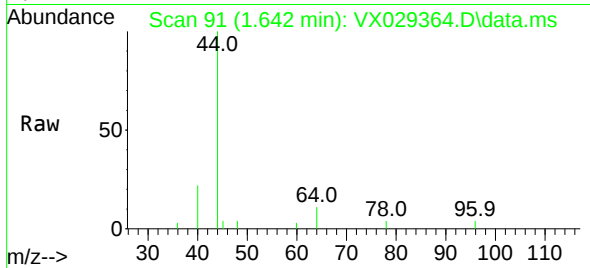




#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.043 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

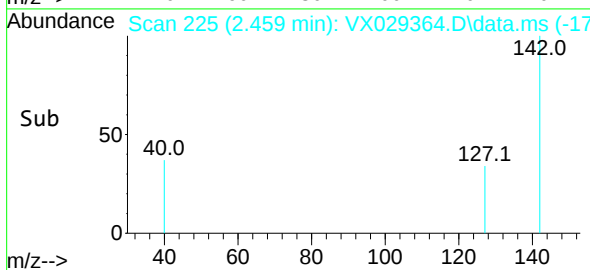
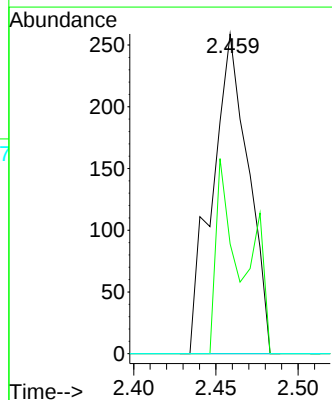
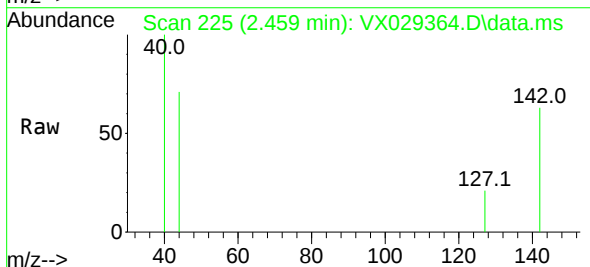
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

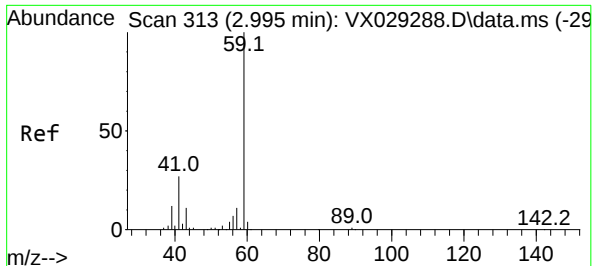
Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.343 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion: 142 Resp: 396
Ion Ratio Lower Upper
142 100
127 45.2 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX029364.D

Acq: 10 Jun 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

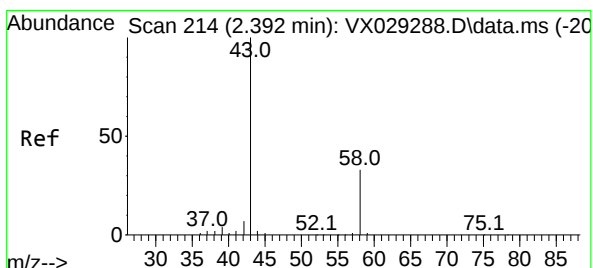
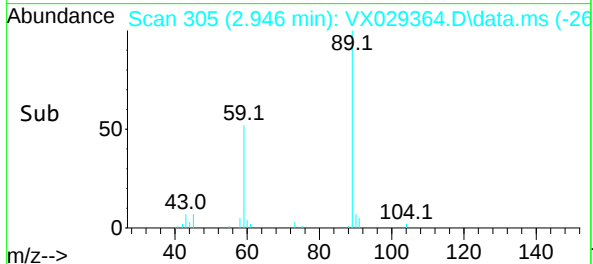
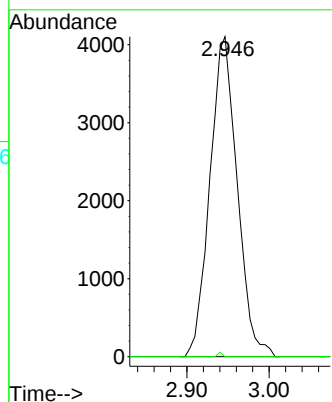
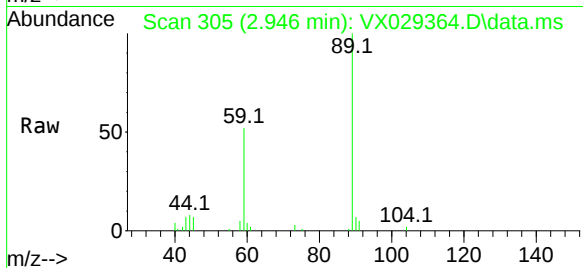
VX0610WBL01

Tgt Ion: 59 Resp: 9474

Ion Ratio Lower Upper

59 100

57 0.2 8.3 12.5#



#16

Acetone

Concen: 0.704 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.013 min

Lab File: VX029364.D

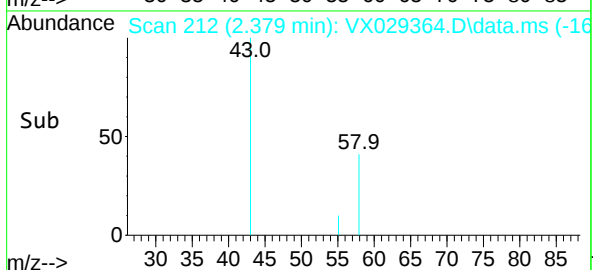
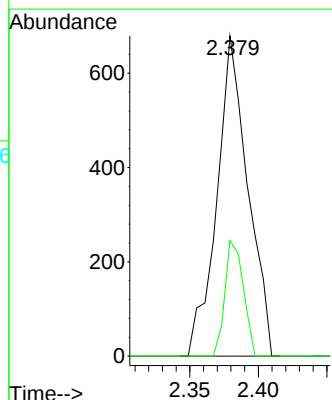
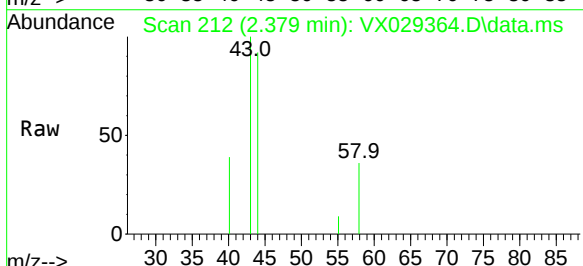
Acq: 10 Jun 2022 13:12

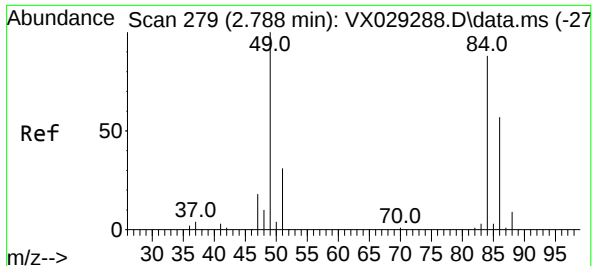
Tgt Ion: 43 Resp: 1068

Ion Ratio Lower Upper

43 100

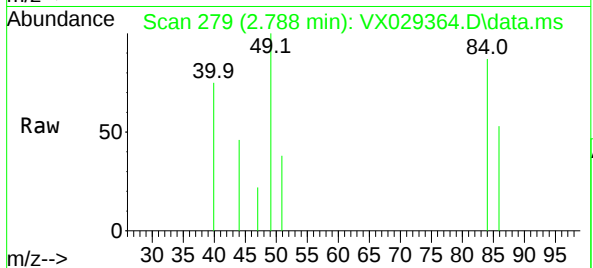
58 36.1 28.8 43.2



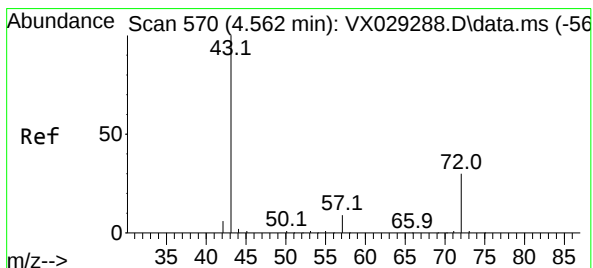
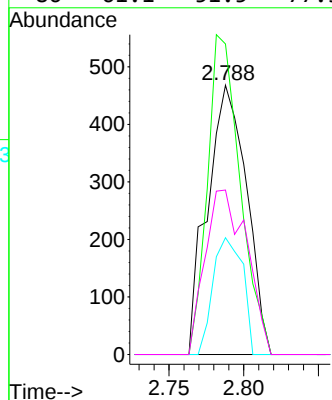


#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

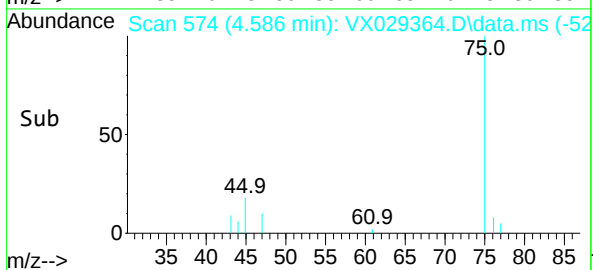
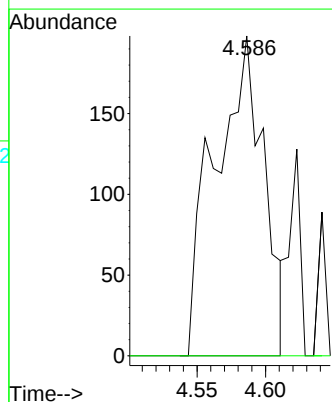
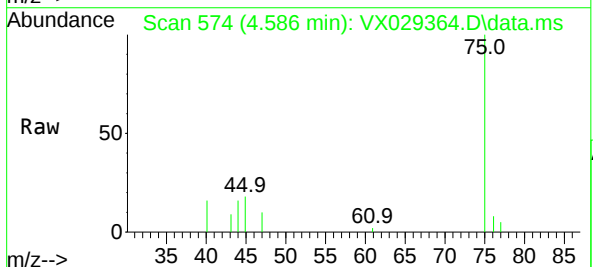


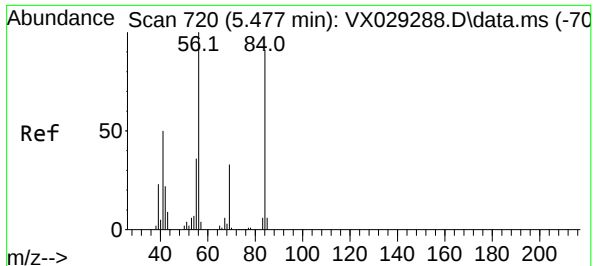
Tgt Ion: 84	Resp: 852
Ion Ratio	Lower Upper
84 100	
49 115.4	85.5 128.3
51 43.4	26.6 39.8#
86 61.1	51.5 77.3



#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion: 43	Resp: 491		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	24.4	36.6#	

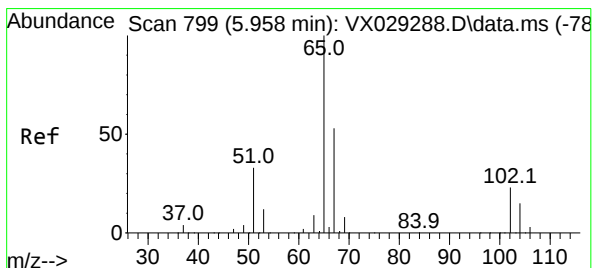
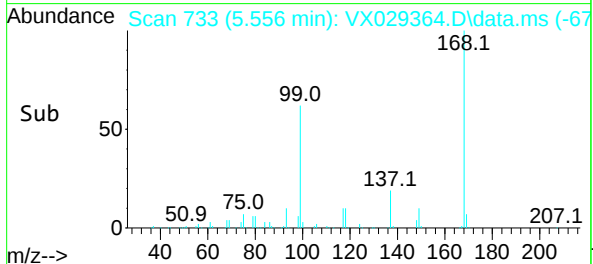
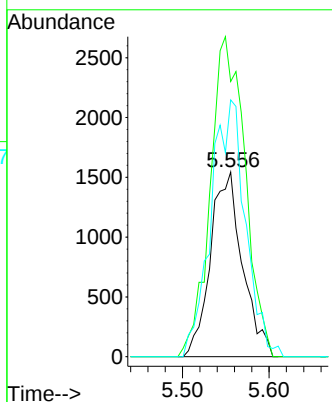
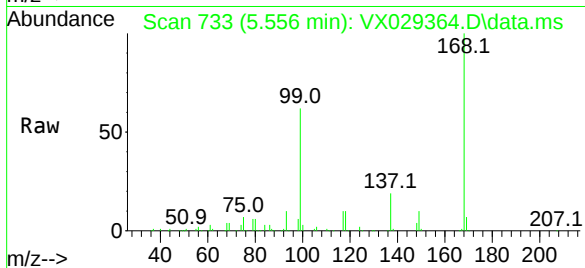




#31
Cyclohexane
Concen: 0.778 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

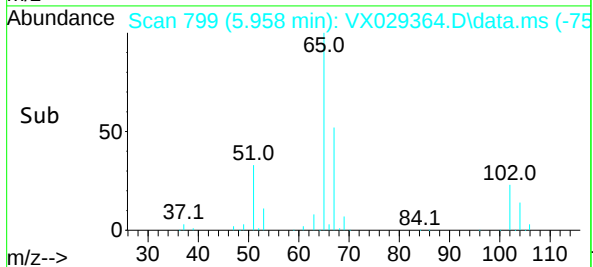
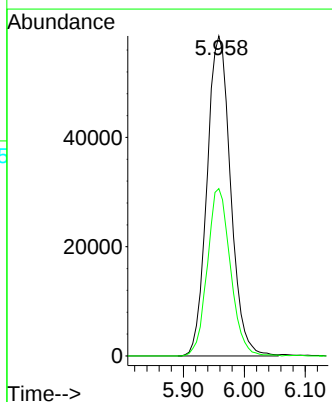
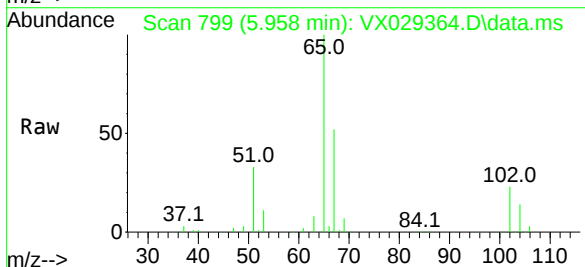
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

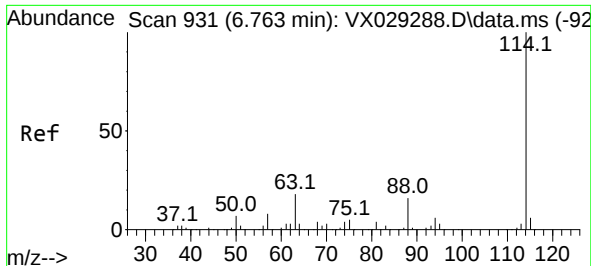
Tgt Ion: 56 Resp: 3958
Ion Ratio Lower Upper
56 100
69 149.1 26.7 40.1#
84 139.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.332 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion: 65 Resp: 157500
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

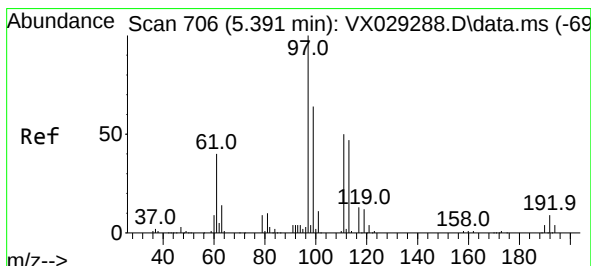
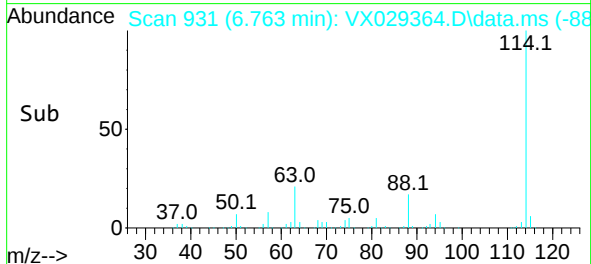
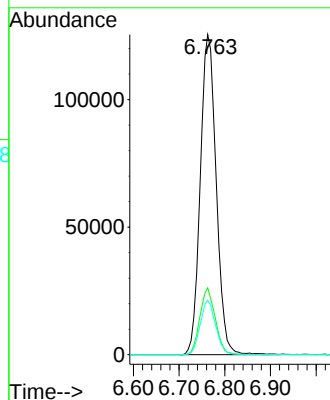
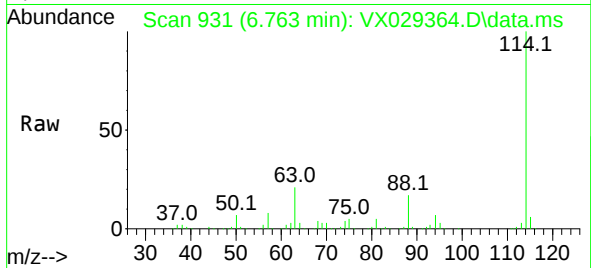




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

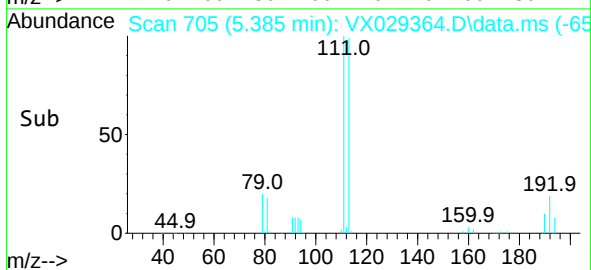
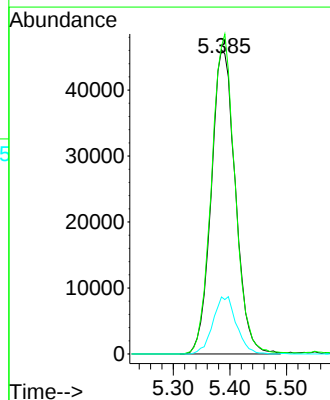
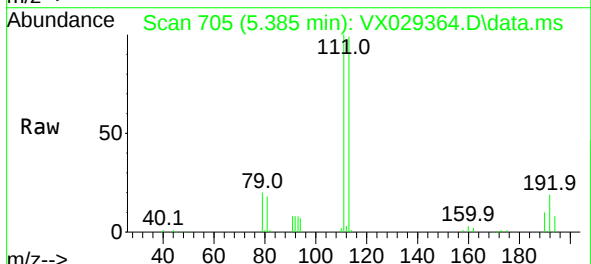
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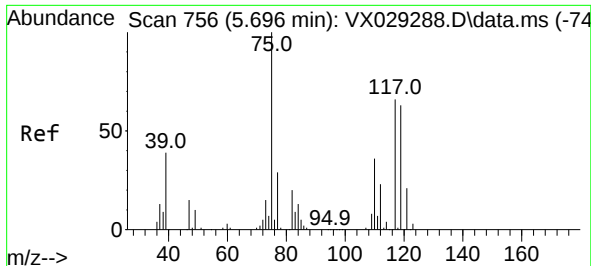
Tgt Ion:114 Resp: 303525
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.8
88 17.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion:113 Resp: 135997
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.4 16.9 25.3

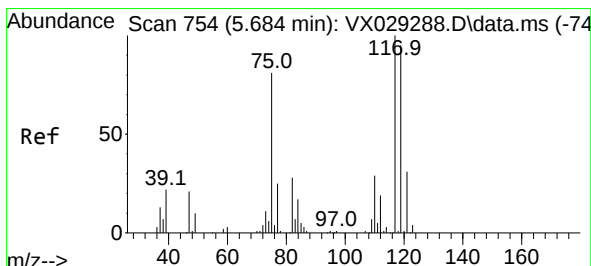
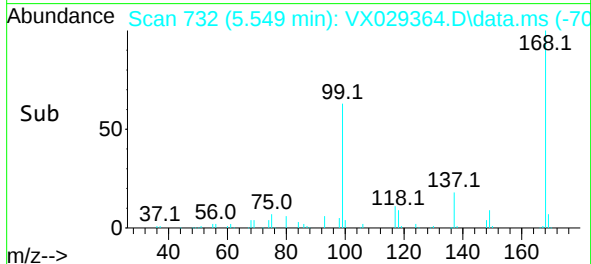
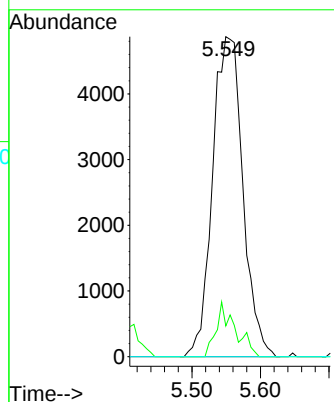
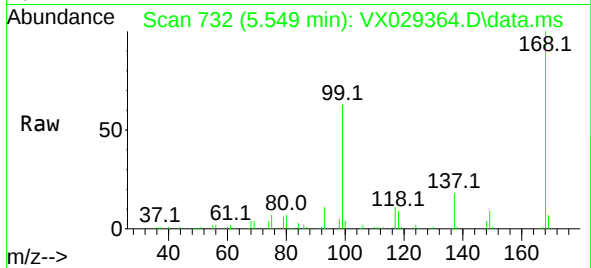




#36
1,1-Dichloropropene
Concen: 3.505 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

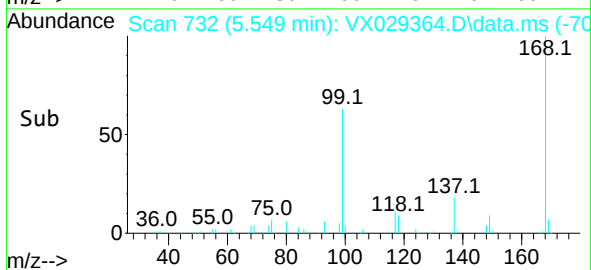
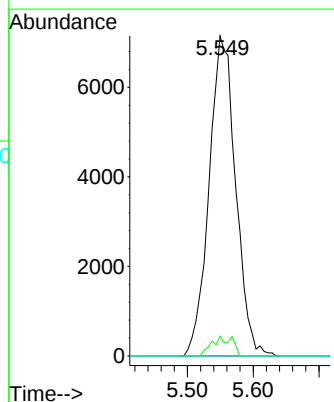
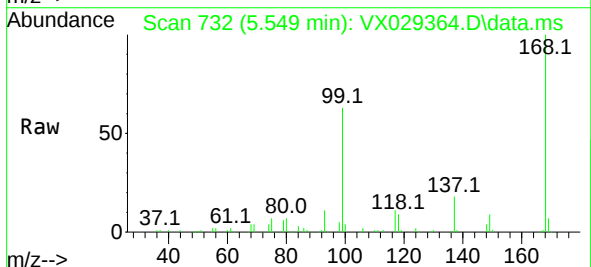
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

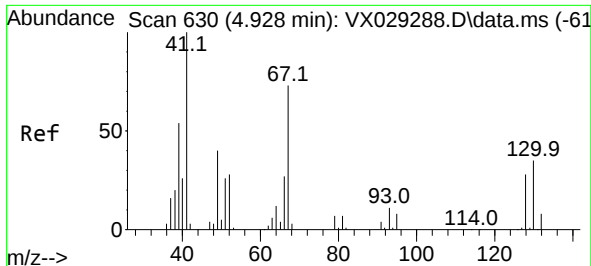
Tgt Ion: 75 Resp: 14941
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.616 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.135 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion: 117 Resp: 20109
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.2 36.2#

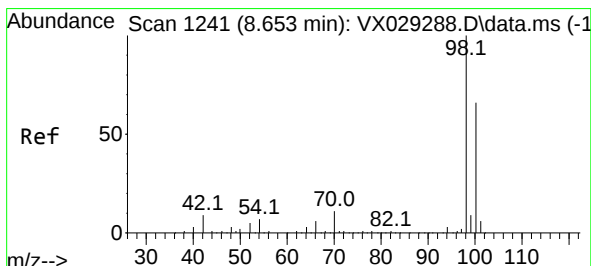
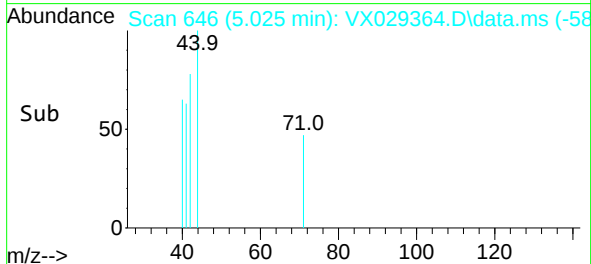
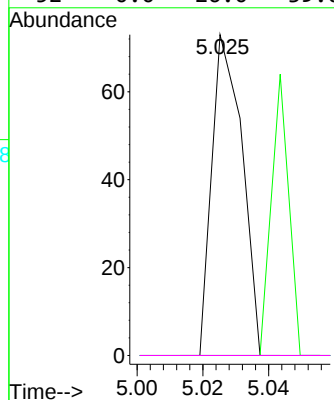
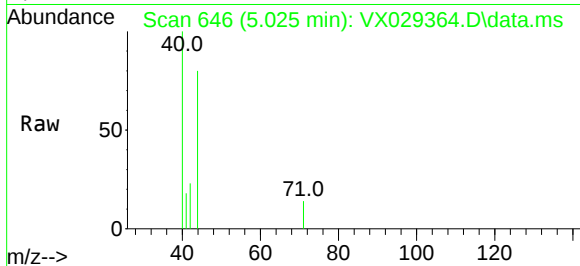




#41
Methacrylonitrile
Concen: Below Cal
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

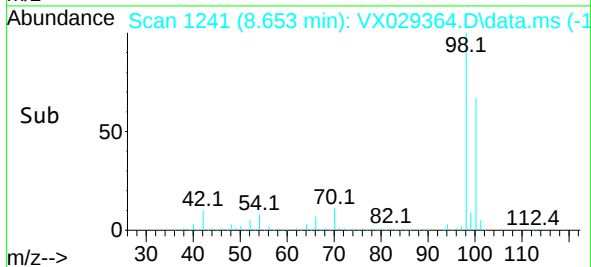
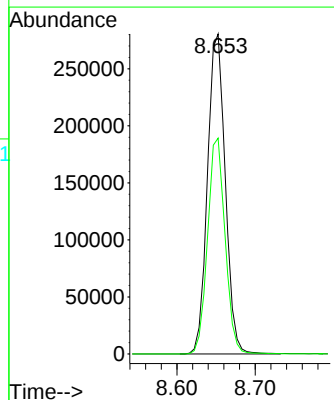
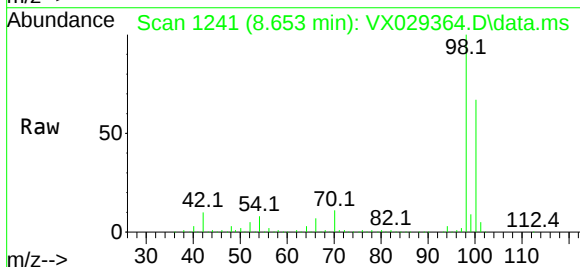
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

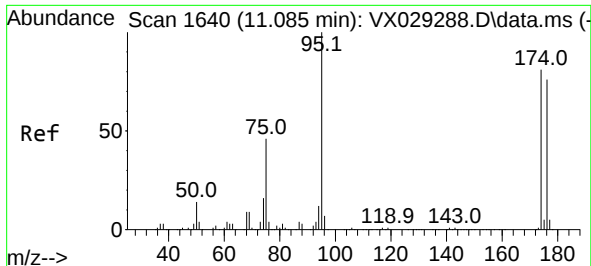
Tgt Ion: 41	Resp: 46
Ion Ratio	Lower Upper
41 100	
39 50.0	43.0 64.4
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#50
Toluene-d8
Concen: 48.498 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029364.D
Acq: 10 Jun 2022 13:12

Tgt Ion: 98	Resp: 442602
Ion Ratio	Lower Upper
98 100	
100 66.5	52.6 78.8





#62

4-Bromofluorobenzene

Concen: 50.972 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029364.D

Acq: 10 Jun 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBL01

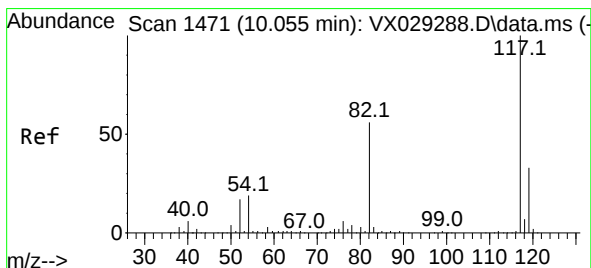
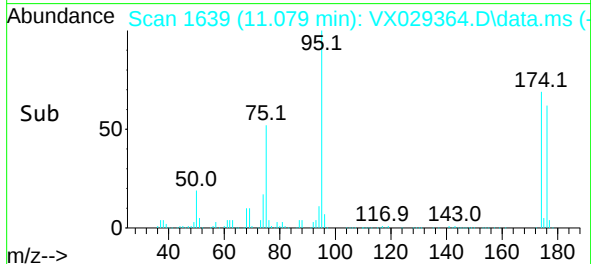
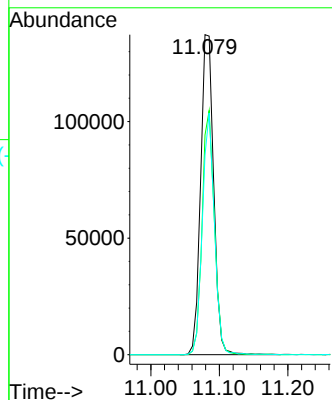
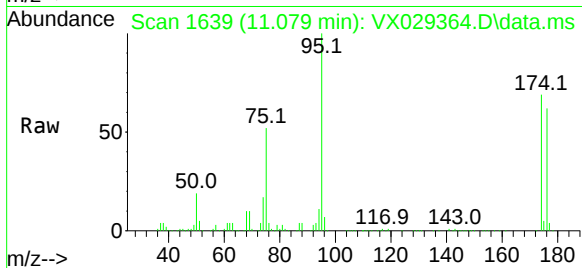
Tgt Ion: 95 Resp: 182040

Ion Ratio Lower Upper

95 100

174 71.9 0.0 163.0

176 69.8 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: VX029364.D

Acq: 10 Jun 2022 13:12

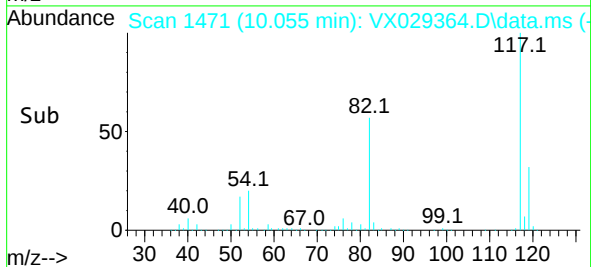
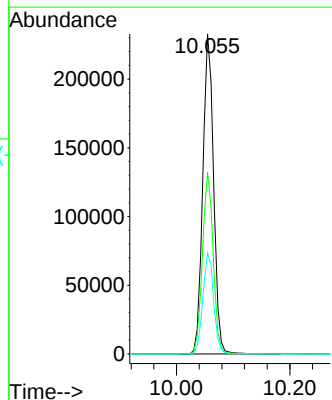
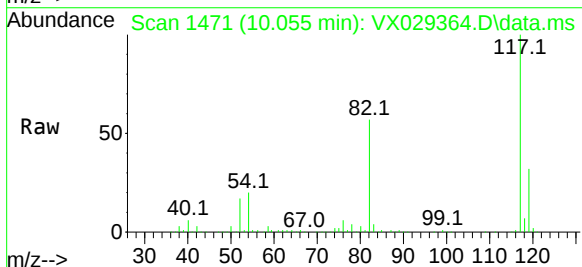
Tgt Ion: 117 Resp: 308548

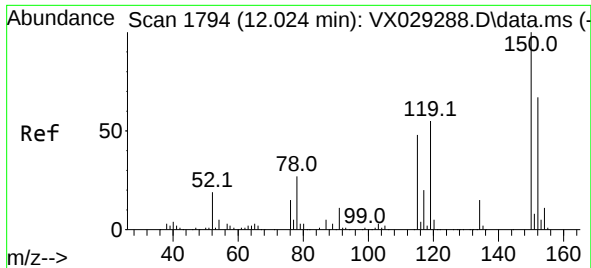
Ion Ratio Lower Upper

117 100

82 56.8 41.8 62.8

119 31.6 24.8 37.2

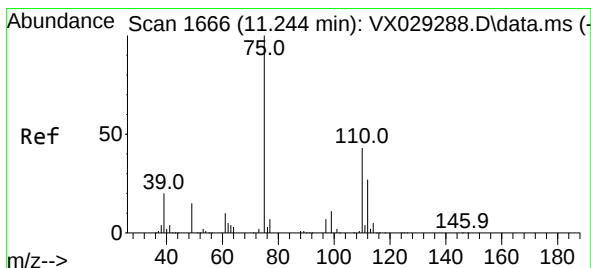
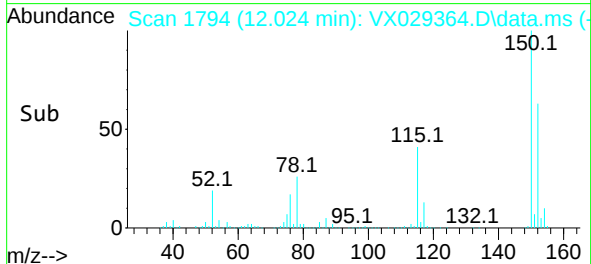
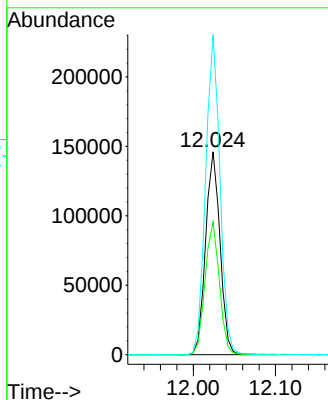
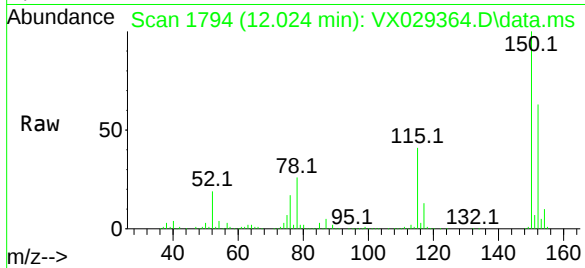




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029364.D
 Acq: 10 Jun 2022 13:12

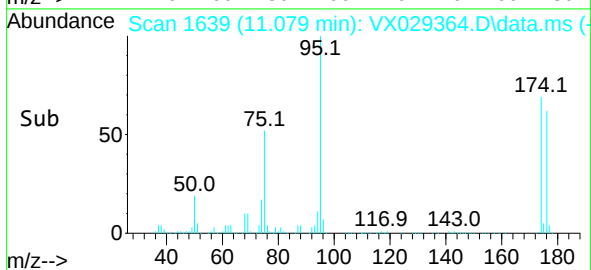
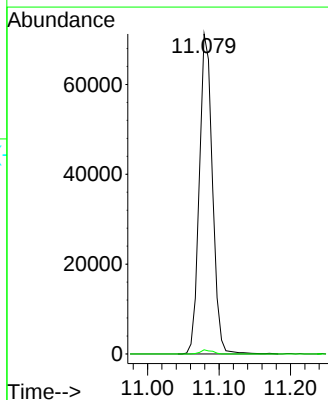
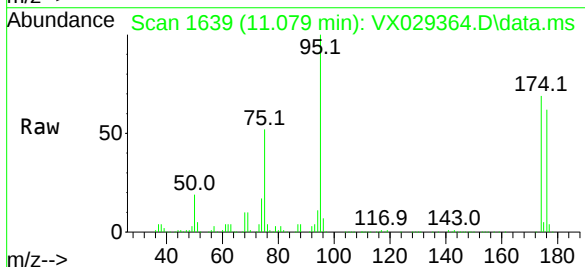
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

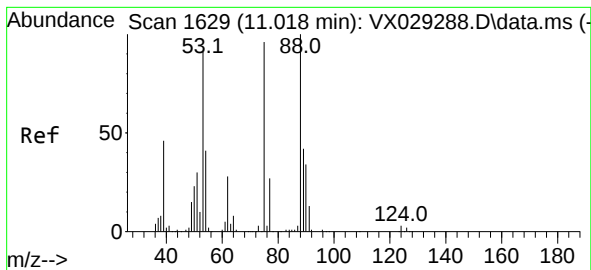
Tgt Ion:152 Resp: 178172
 Ion Ratio Lower Upper
 152 100
 115 65.0 37.5 112.7
 150 156.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.808 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029364.D
 Acq: 10 Jun 2022 13:12

Tgt Ion: 75 Resp: 90755
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.035 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029364.D
 Acq: 10 Jun 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

Tgt Ion: 75 Resp: 90755
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

