

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030291.D
 Acq On : 29 Jul 2022 10:34
 Operator : JC/MD
 Sample : VX0729MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729MBL01

Quant Time: Aug 01 05:08:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

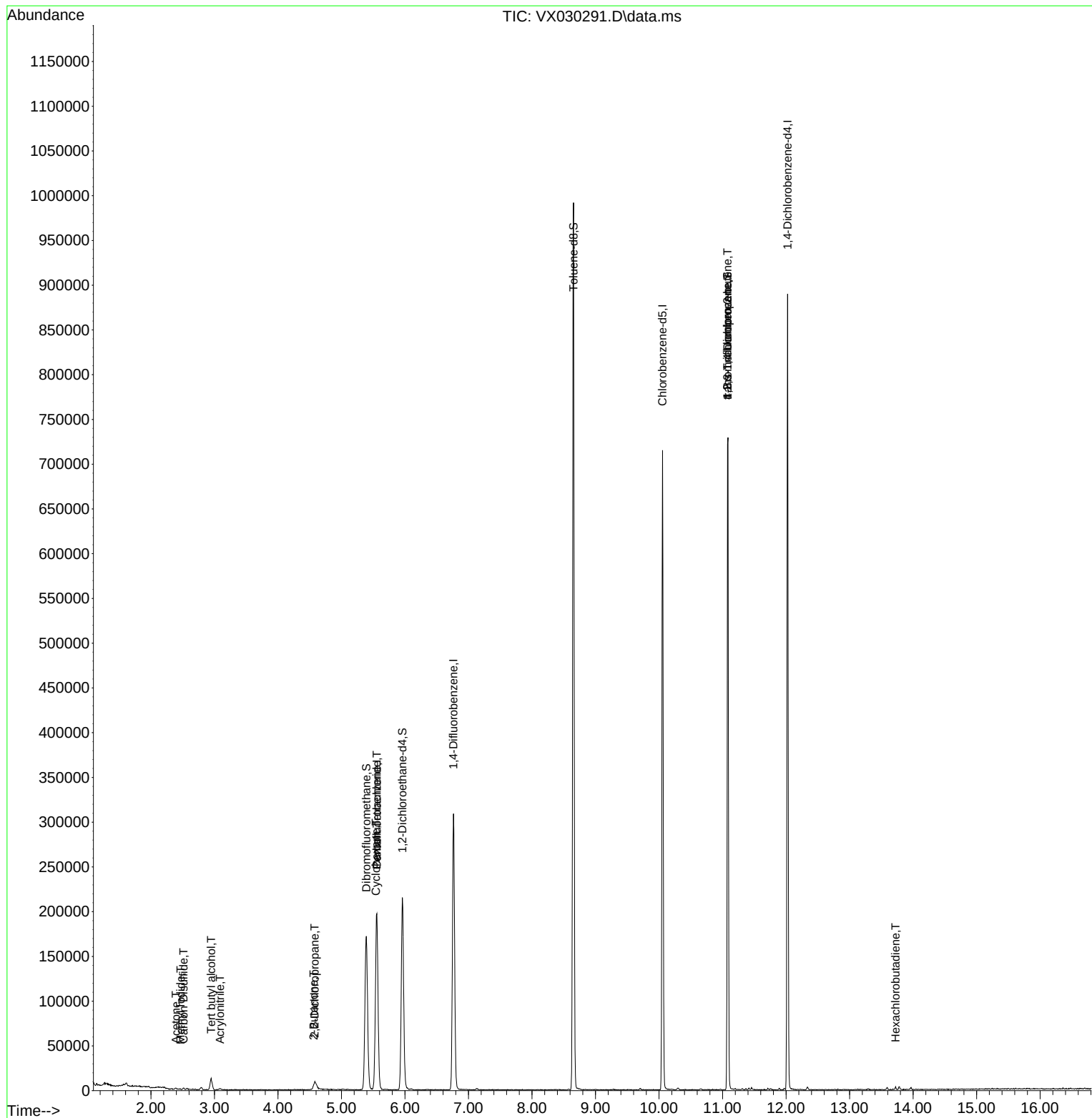
Internal Standards						
1) Pentafluorobenzene	5.556	168	184033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198193	53.581	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	5.391	113	156248	52.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	8.653	98	595808	51.432	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	11.079	95	210667	49.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	628	Below Cal	#	79
10) Methyl Iodide	2.465	142	658	1.748	ug/l #	70
11) Tert butyl alcohol	2.947	59	7361	8.158	ug/l #	80
15) Acrylonitrile	3.087	53	585	0.262	ug/l #	90
16) Acetone	2.392	43	2022	1.068	ug/l #	71
17) Carbon Disulfide	2.514	76	2084	0.269	ug/l #	84
20) Methylene Chloride	2.788	84	1050	Below Cal		92
25) 2-Butanone	4.562	43	1439	0.452	ug/l #	48
26) 2,2-Dichloropropane	4.574	77	1017	0.236	ug/l #	49
31) Cyclohexane	5.544	56	4495	0.837	ug/l #	3
38) Carbon Tetrachloride	5.556	117	19175	4.771	ug/l #	17
67) Ethyl Benzene	10.195	91	553	Below Cal	#	87
76) 1,2,3-Trichloropropane	11.079	75	100787	21.945	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	100787	65.834	ug/l #	13
94) Hexachlorobutadiene	13.725	225	507	0.357	ug/l	97

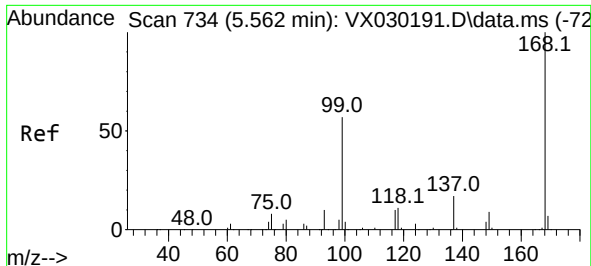
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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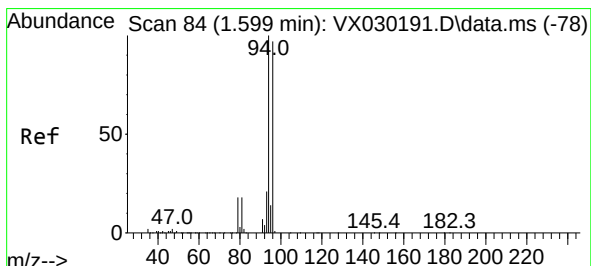
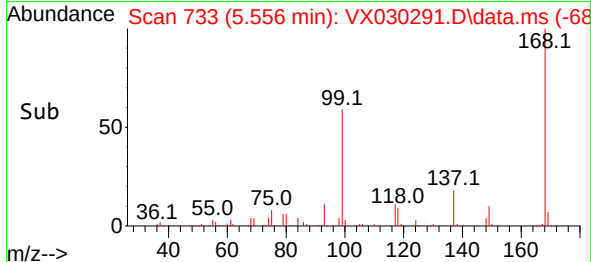
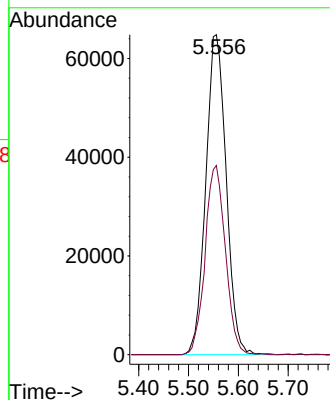
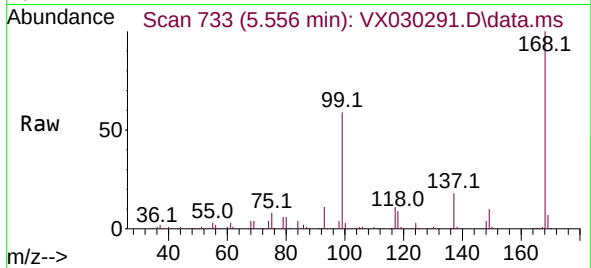




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

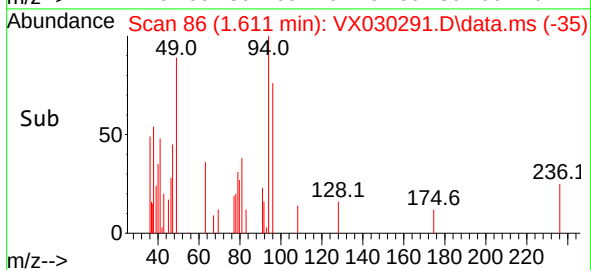
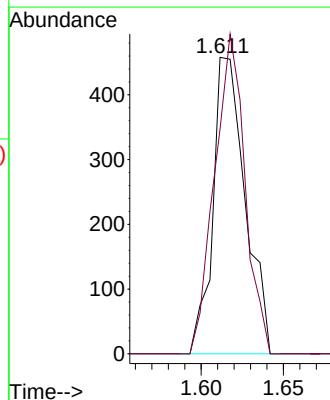
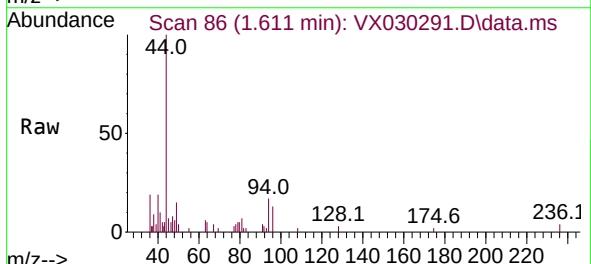
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

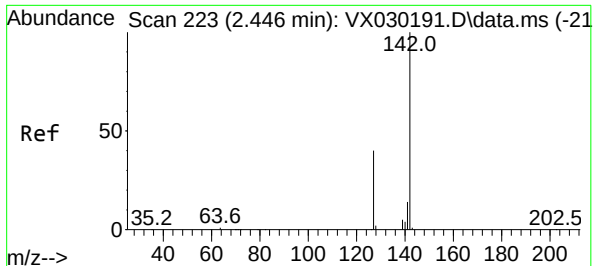
Tgt Ion:168 Resp: 184033
Ion Ratio Lower Upper
168 100
99 59.1 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 94 Resp: 628
Ion Ratio Lower Upper
94 100
96 75.8 76.9 115.3#

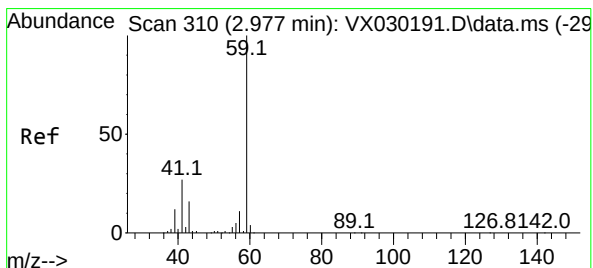
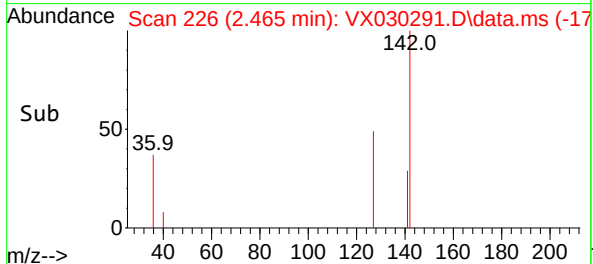
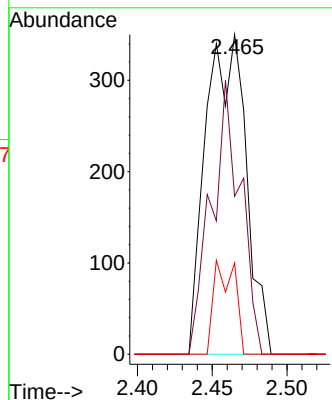
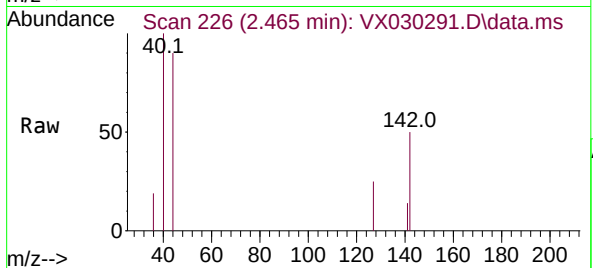




#10
Methyl Iodide
Concen: 1.748 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

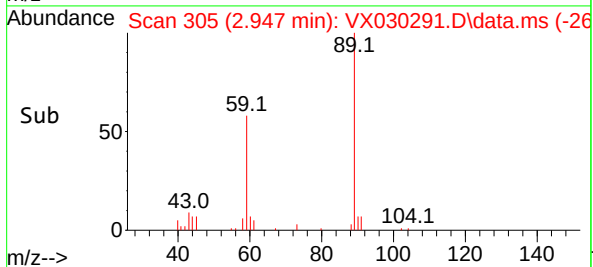
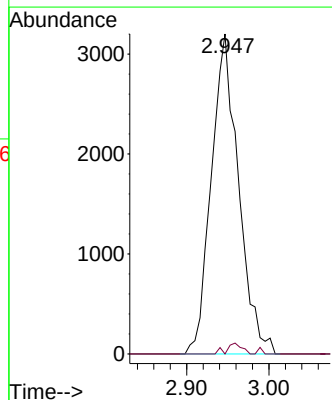
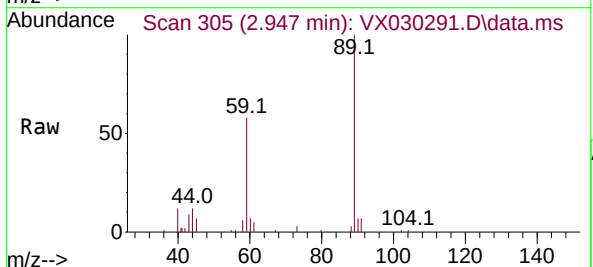
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

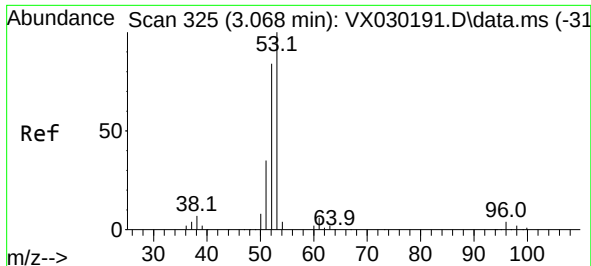
Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
127 61.9 30.2 45.2#
141 15.0 11.3 16.9



#11
Tert butyl alcohol
Concen: 8.158 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 59 Resp: 7361
Ion Ratio Lower Upper
59 100
57 1.9 7.4 11.2#

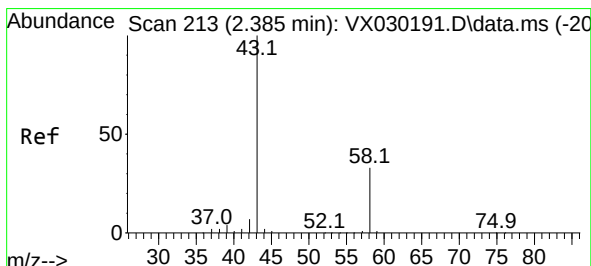
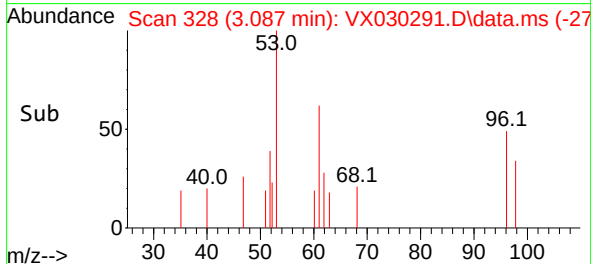
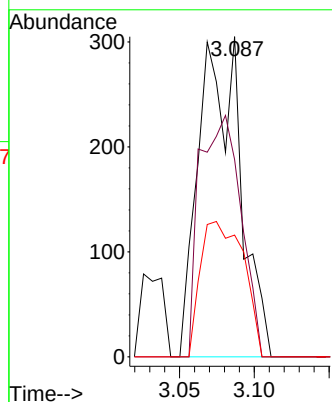
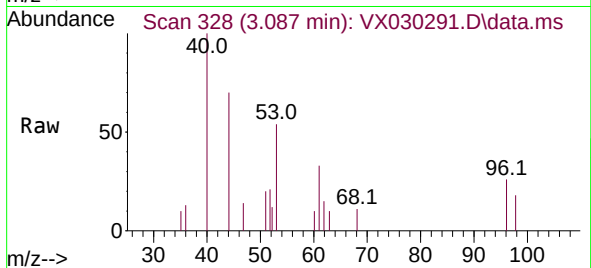




#15
Acrylonitrile
Concen: 0.262 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

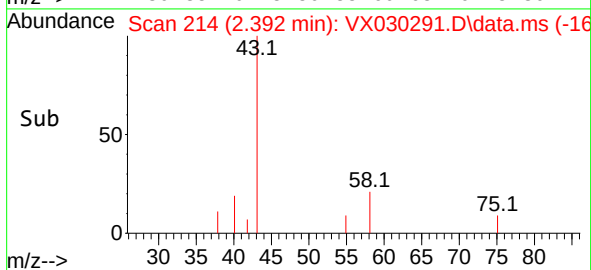
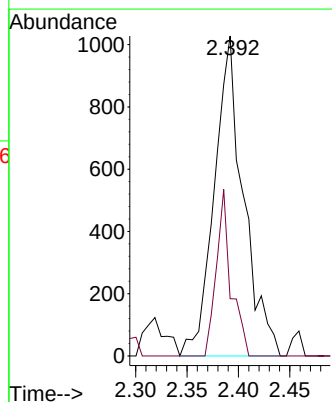
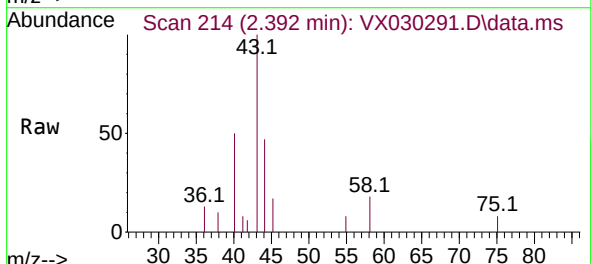
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

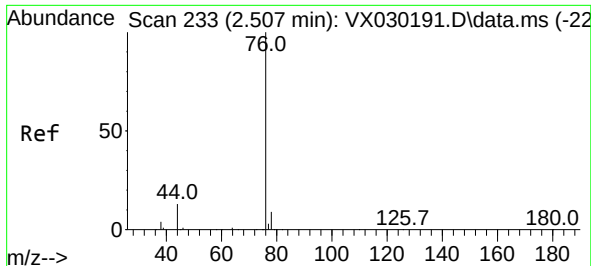
Tgt Ion: 53 Resp: 585
Ion Ratio Lower Upper
53 100
52 75.4 65.4 98.0
51 44.3 27.7 41.5#



#16
Acetone
Concen: 1.068 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 17.9 27.7 41.5#

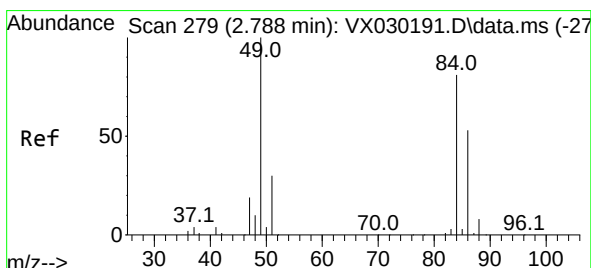
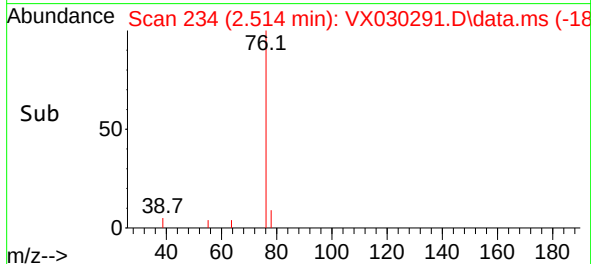
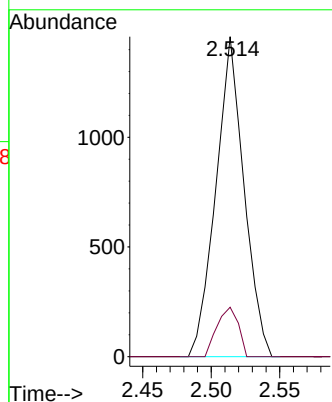
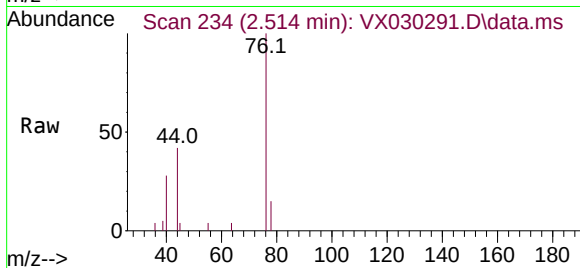




#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

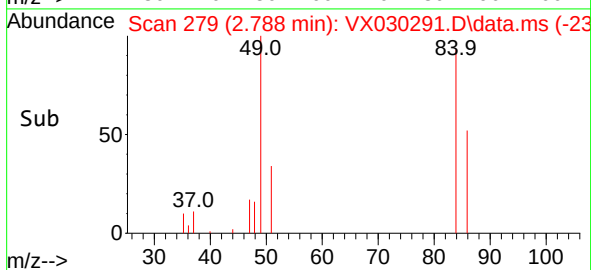
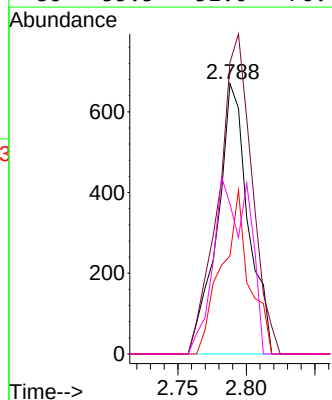
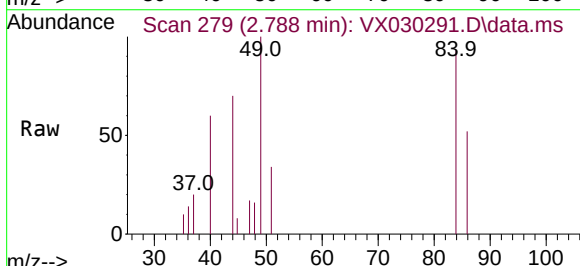
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

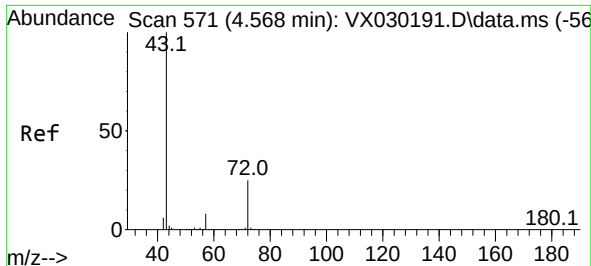
Tgt Ion: 76 Resp: 2084
Ion Ratio Lower Upper
76 100
78 15.4 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 84 Resp: 1050
Ion Ratio Lower Upper
84 100
49 107.8 93.8 140.6
51 36.3 29.4 44.0
86 55.5 51.0 76.4

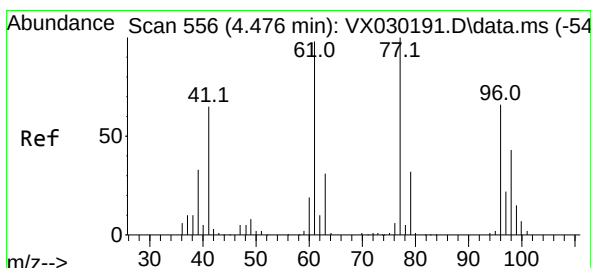
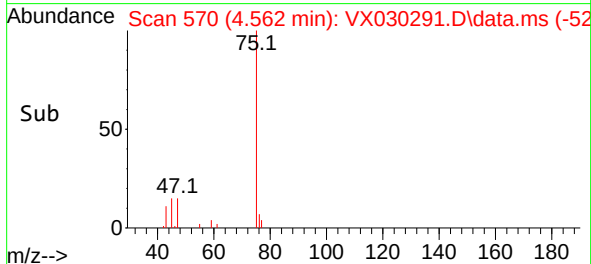
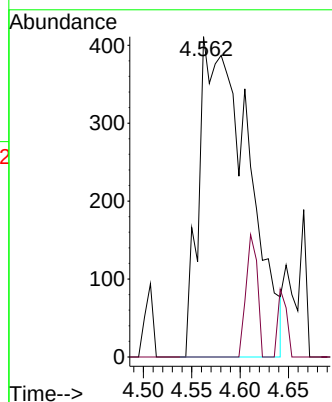
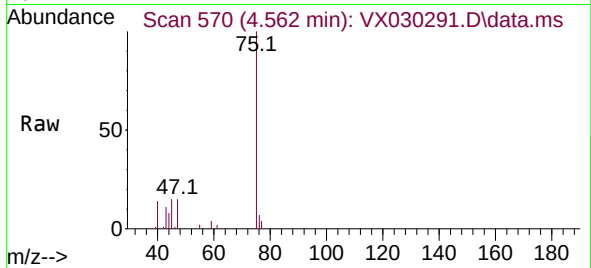




#25
2-Butanone
Concen: 0.452 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

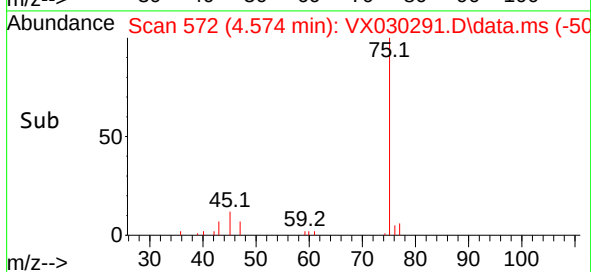
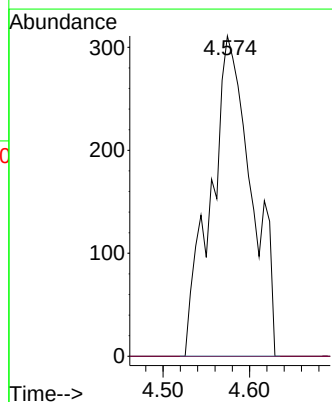
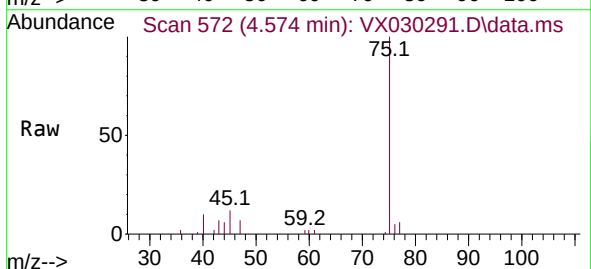
Instrument :
MSVOA_X
ClientSampleId :
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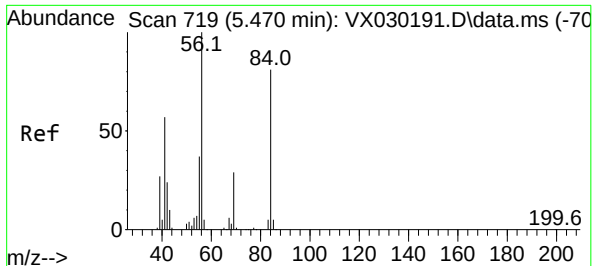
Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.236 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.098 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 77 Resp: 1017
Ion Ratio Lower Upper
77 100
97 0.0 13.0 39.0#

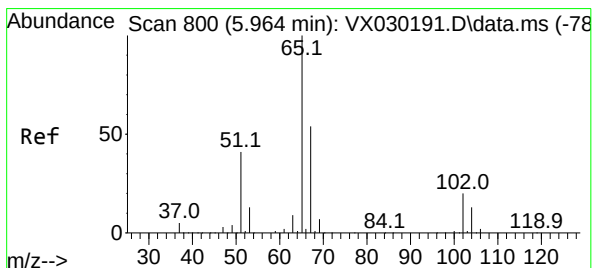
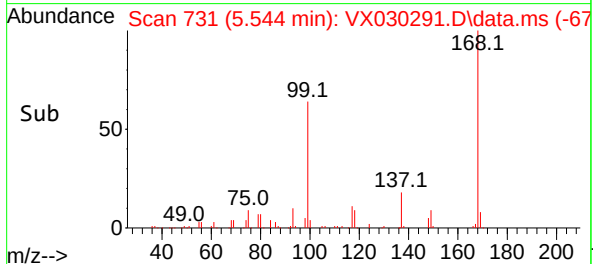
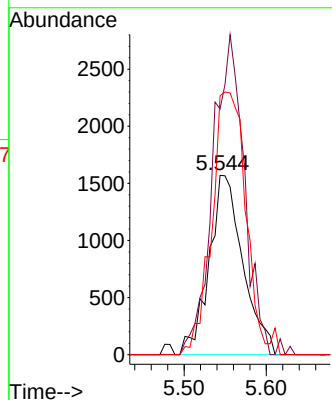
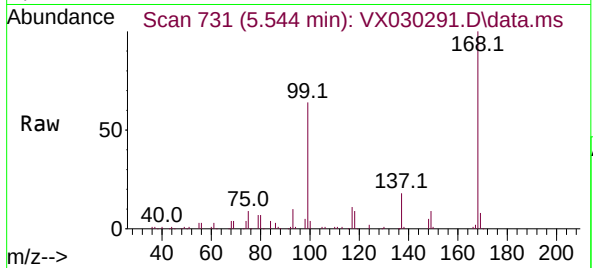




#31
Cyclohexane
Concen: 0.837 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

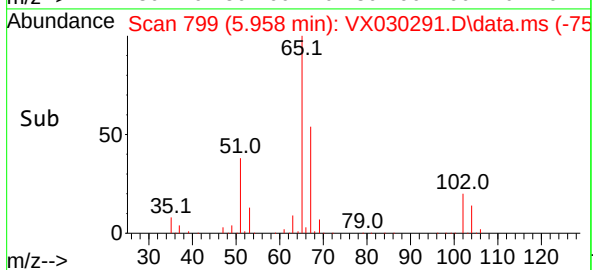
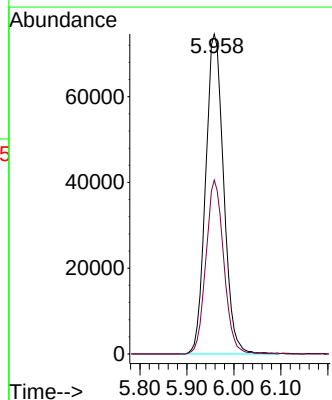
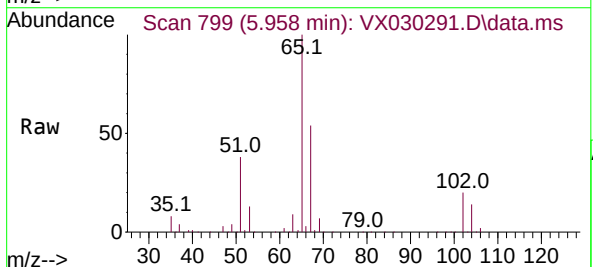
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ClientSampleId :
VX0729MBL01

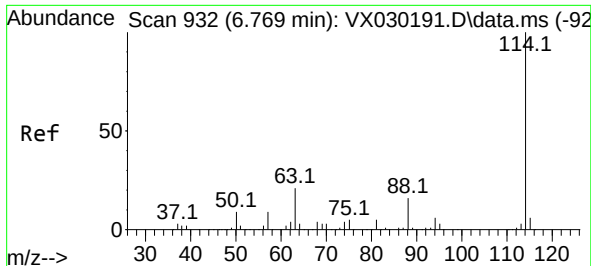
Tgt Ion: 56 Resp: 4495
Ion Ratio Lower Upper
56 100
69 137.0 25.4 38.0#
84 144.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.581 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 65 Resp: 198193
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

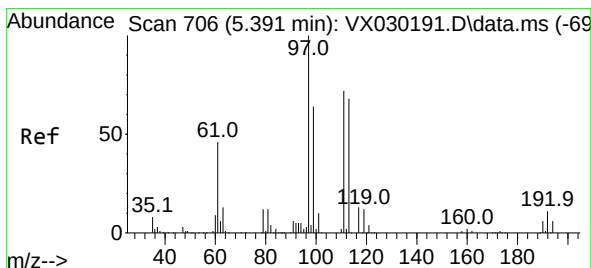
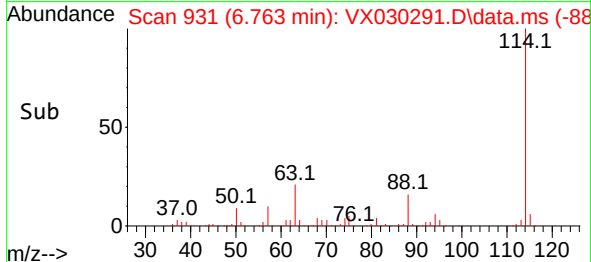
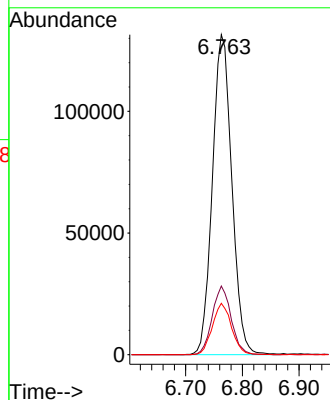
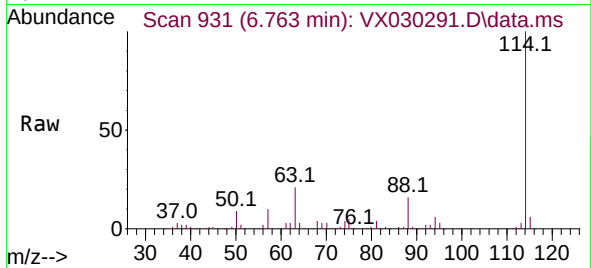




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

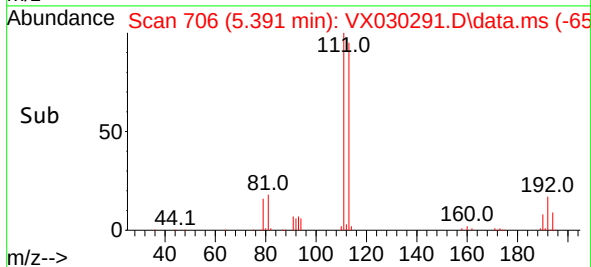
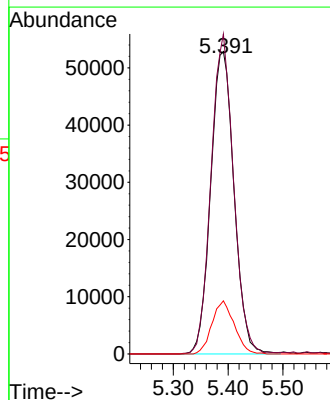
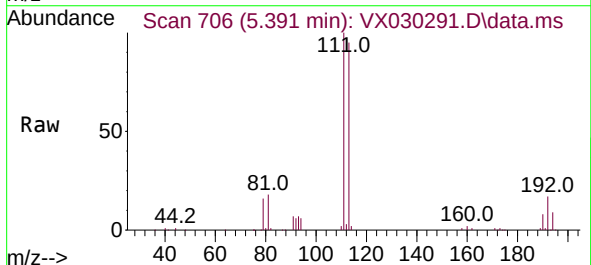
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

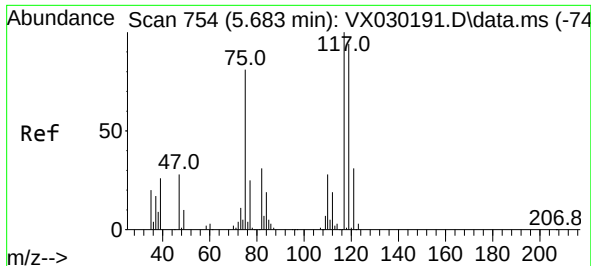
Tgt Ion:114 Resp: 312919
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.4
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.233 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion:113 Resp: 156248
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 16.8 14.8 22.2

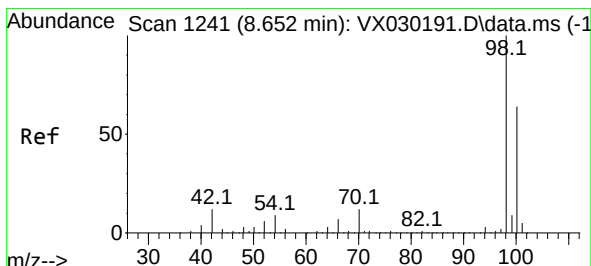
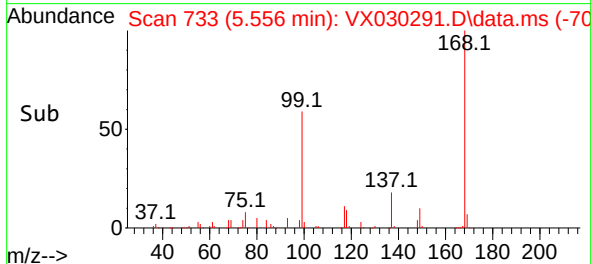
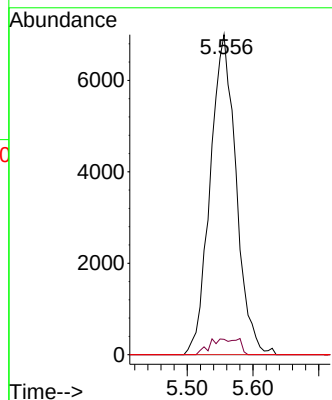
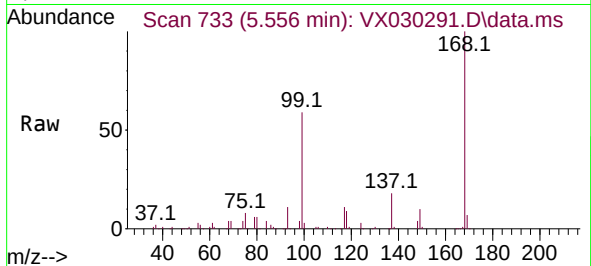




#38
Carbon Tetrachloride
Concen: 4.771 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

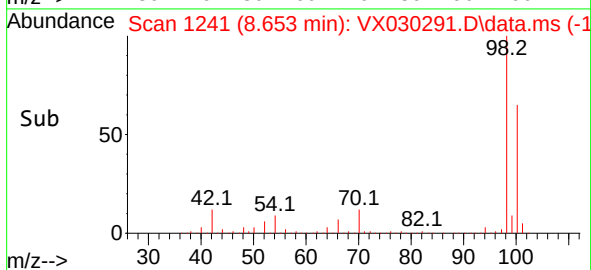
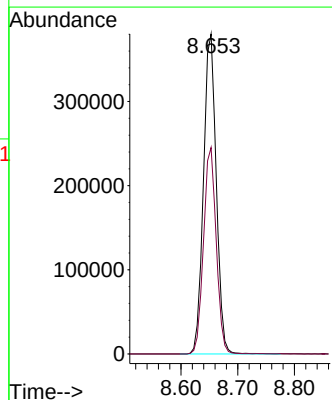
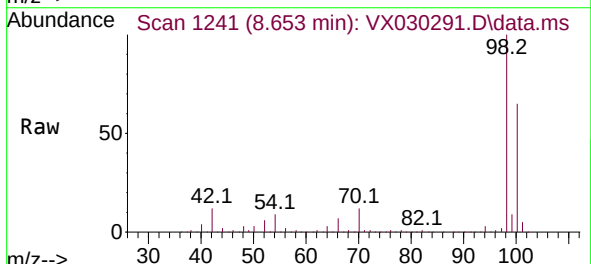
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

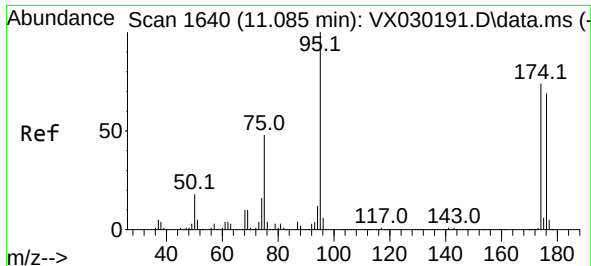
Tgt Ion:117 Resp: 19175
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 51.432 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

Tgt Ion: 98 Resp: 595808
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 49.001 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX030291.D

Acq: 29 Jul 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0729MBL01

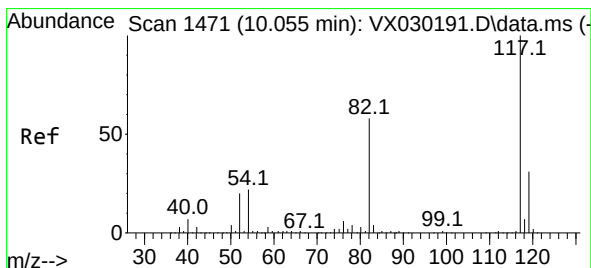
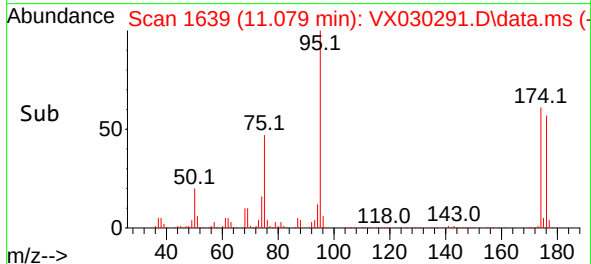
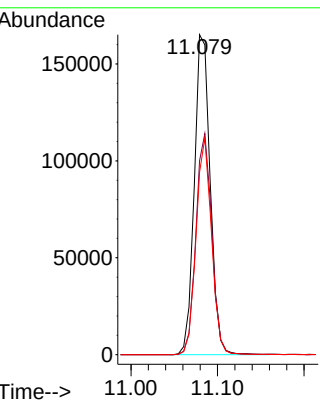
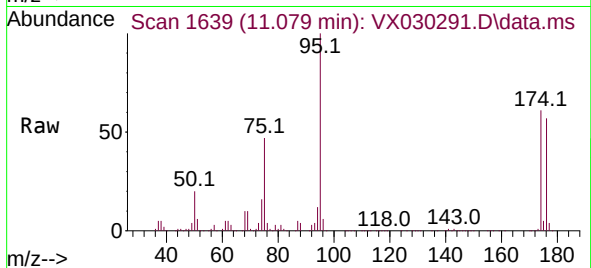
Tgt Ion: 95 Resp: 210667

Ion Ratio Lower Upper

95 100

174 69.2 0.0 149.0

176 65.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030291.D

Acq: 29 Jul 2022 10:34

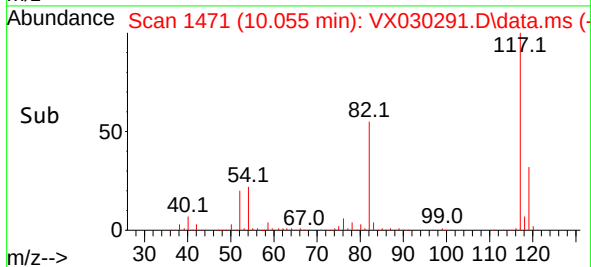
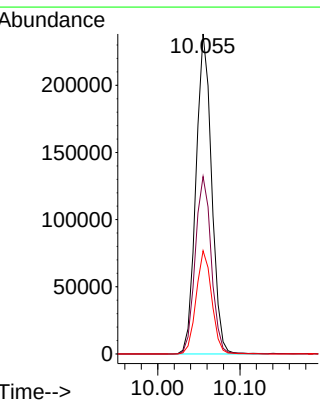
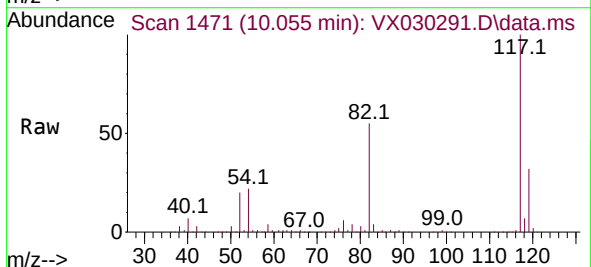
Tgt Ion: 117 Resp: 314858

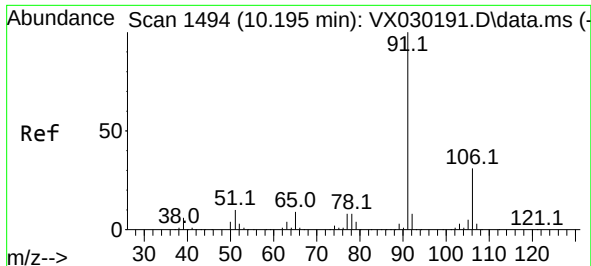
Ion Ratio Lower Upper

117 100

82 55.5 42.7 64.1

119 32.2 25.4 38.2





#67

Ethyl Benzene

Concen: Below Cal

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030291.D

Acq: 29 Jul 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

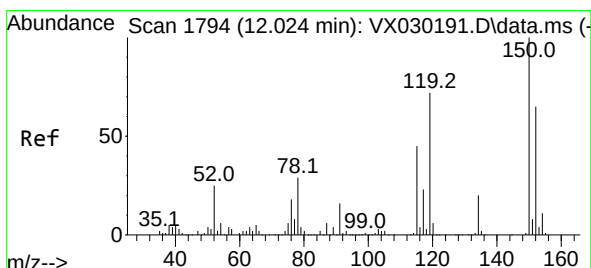
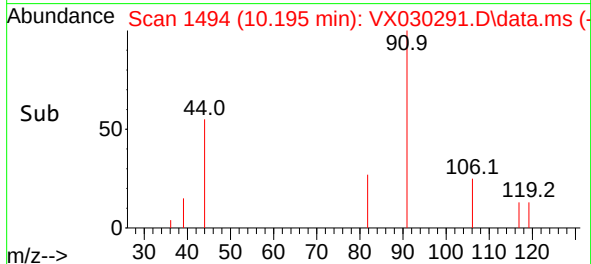
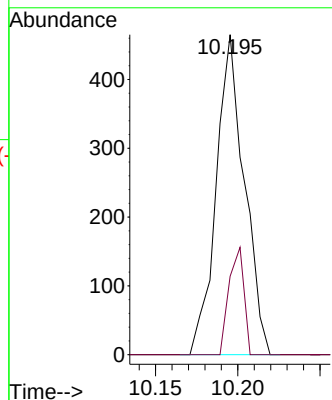
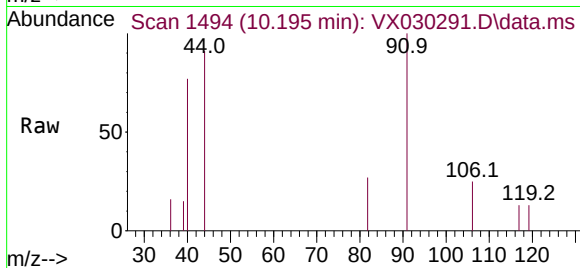
VX0729MBL01

Tgt Ion: 91 Resp: 553

Ion Ratio Lower Upper

91 100

106 24.5 25.5 38.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030291.D

Acq: 29 Jul 2022 10:34

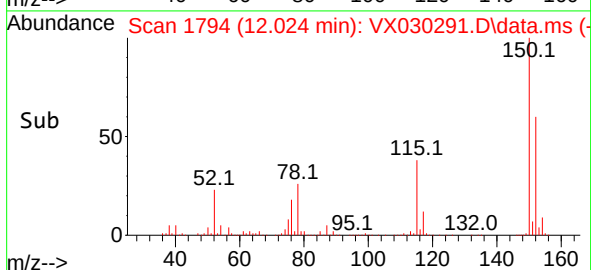
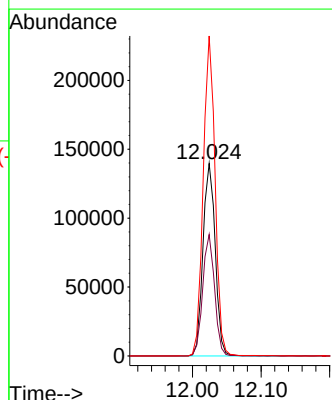
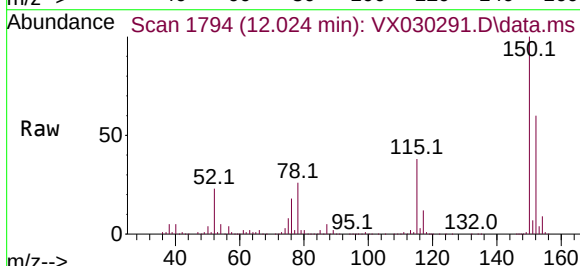
Tgt Ion: 152 Resp: 174231

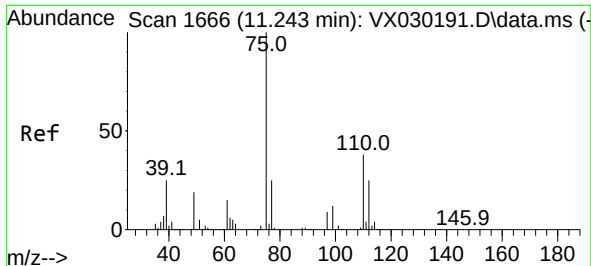
Ion Ratio Lower Upper

152 100

115 61.3 40.5 121.5

150 160.4 0.0 347.0

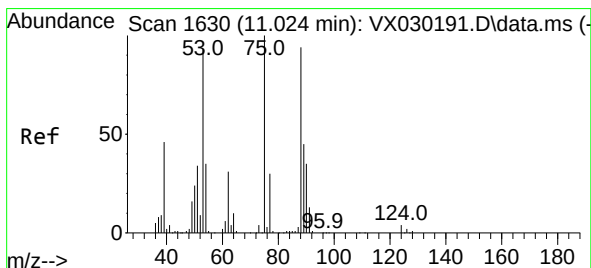
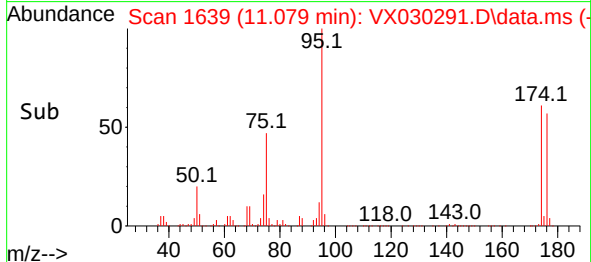
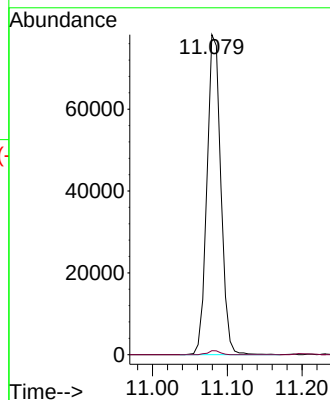
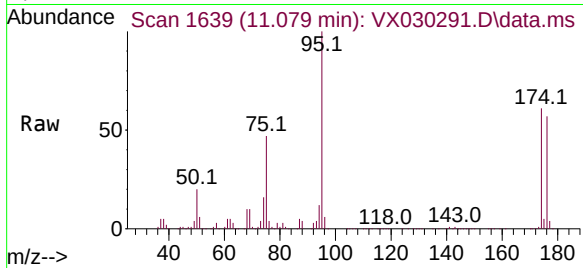




#76
1,2,3-Trichloropropane
Concen: 21.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

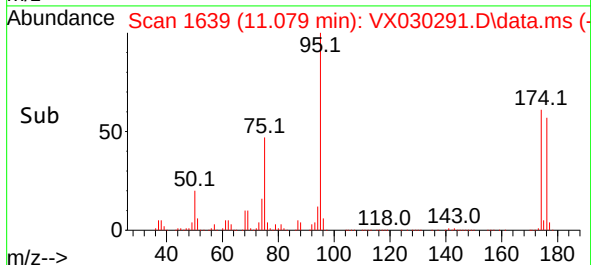
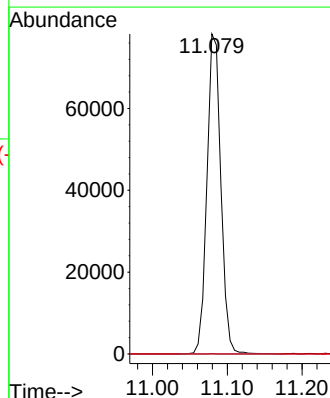
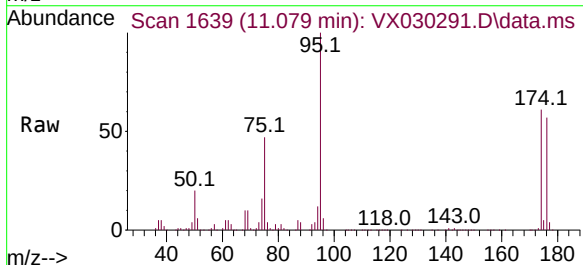
Instrument :
MSVOA_X
ClientSampleId :
VX0729MBL01

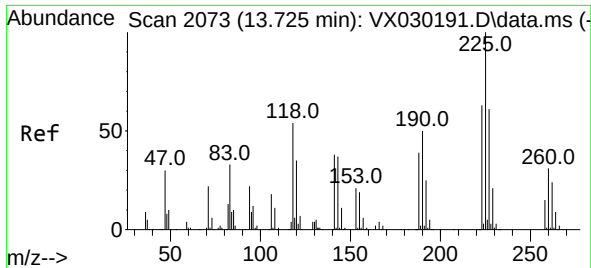
Tgt Ion: 75 Resp: 100787
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030291.D
Acq: 29 Jul 2022 10:34

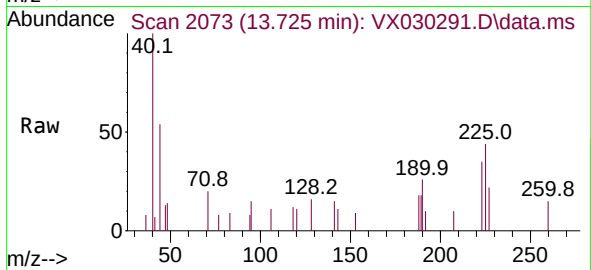
Tgt Ion: 75 Resp: 100787
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#94
 Hexachlorobutadiene
 Concen: 0.357 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX030291.D
 Acq: 29 Jul 2022 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729MBL01



Tgt Ion:	225	Resp:	507
Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.6	91.6
227	59.6	31.9	95.9

