

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030292.D
 Acq On : 29 Jul 2022 10:57
 Operator : JC/MD
 Sample : VX0729WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBL01

Quant Time: Aug 01 05:09:16 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)

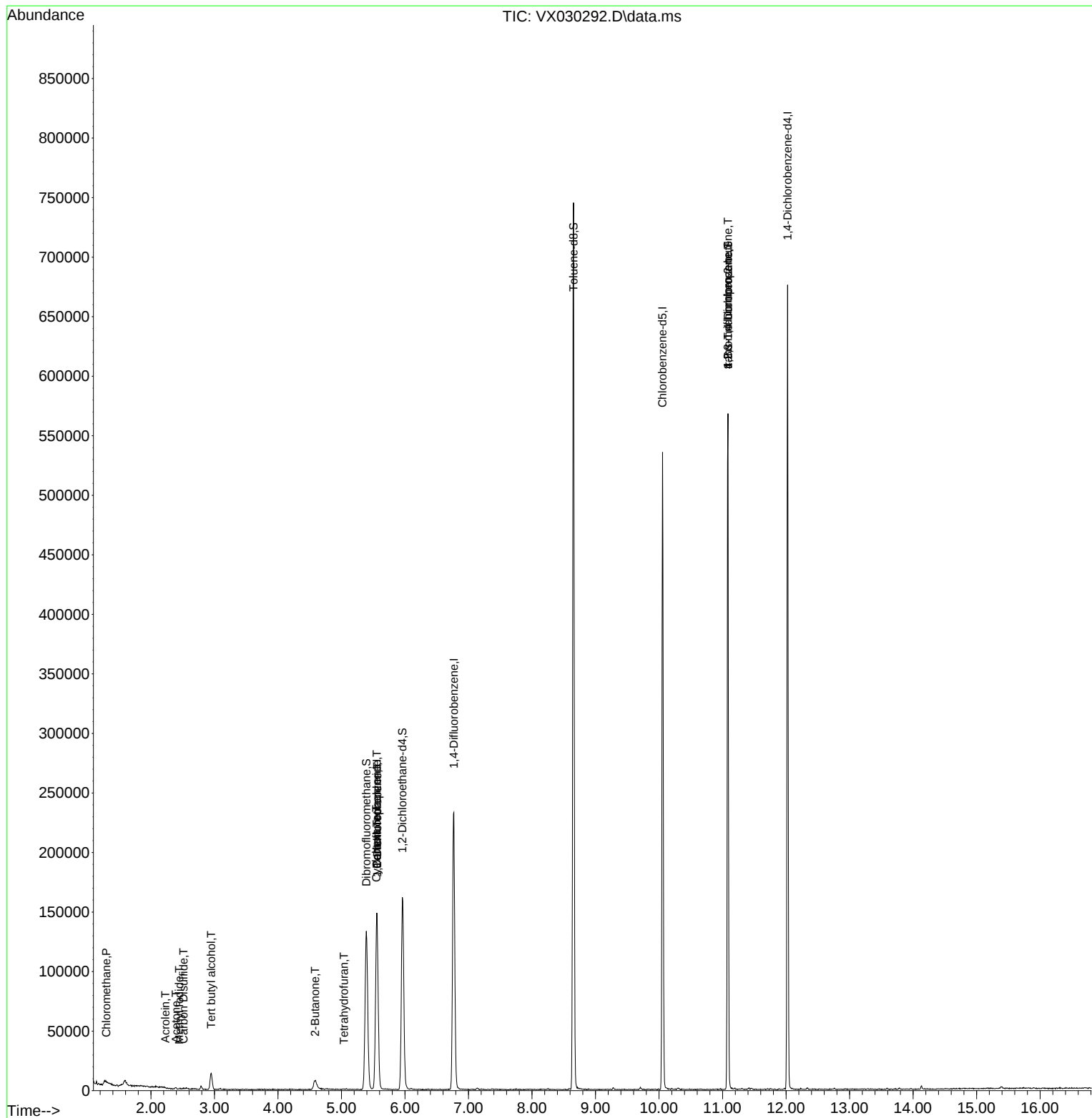
Internal Standards						
1) Pentafluorobenzene	5.556	168	137873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152924	55.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 110.360%		
35) Dibromofluoromethane	5.391	113	121740	52.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.560%		
50) Toluene-d8	8.653	98	439160	49.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 98.320%		
62) 4-Bromofluorobenzene	11.085	95	155649	46.950	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 93.900%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	456	0.204	ug/l	92
5) Bromomethane	1.611	94	749	Below Cal		97
10) Methyl Iodide	2.447	142	571	1.783	ug/l	98
11) Tert butyl alcohol	2.947	59	8425	12.464	ug/l #	79
13) Acrolein	2.227	56	40	0.241	ug/l #	14
16) Acetone	2.392	43	1355	0.955	ug/l #	68
17) Carbon Disulfide	2.514	76	1300	0.224	ug/l	98
20) Methylene Chloride	2.788	84	1298	Below Cal	#	94
25) 2-Butanone	4.586	43	660	0.277	ug/l	100
29) Tetrahydrofuran	5.038	42	325	0.203	ug/l #	37
31) Cyclohexane	5.550	56	3428	0.852	ug/l #	33
36) 1,1-Dichloropropene	5.562	75	11788	3.551	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14614	4.716	ug/l #	17
67) Ethyl Benzene	10.201	91	449	Below Cal	#	81
76) 1,2,3-Trichloropropane	11.085	75	77360	22.089	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77360	66.266	ug/l #	12

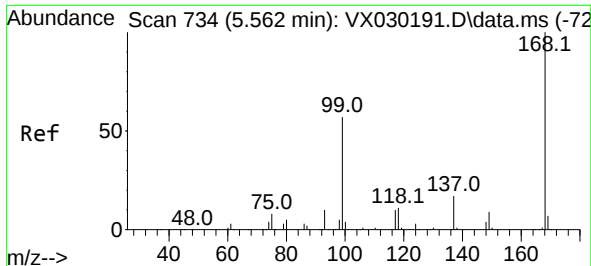
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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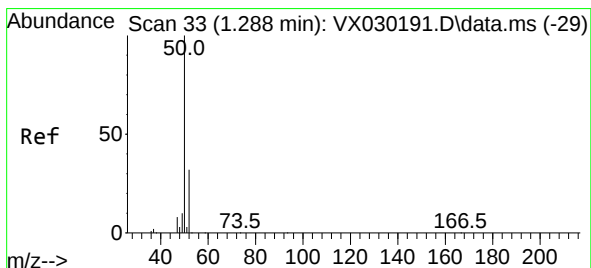
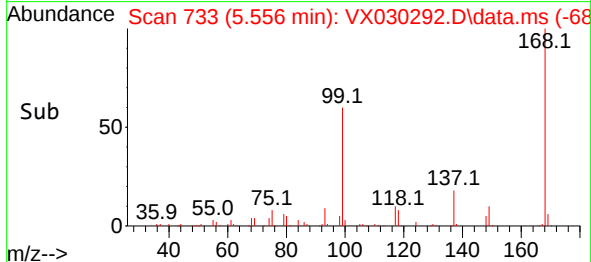
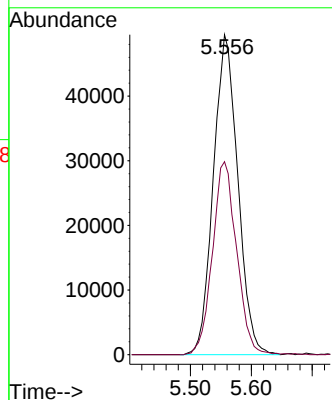
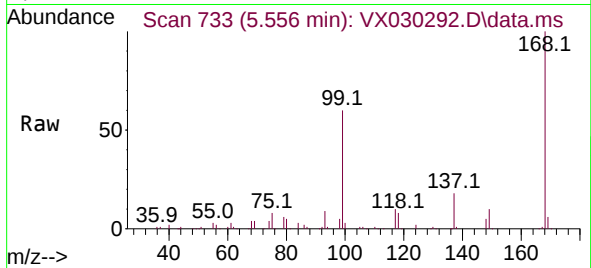




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

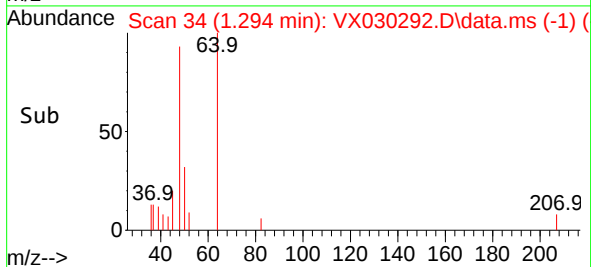
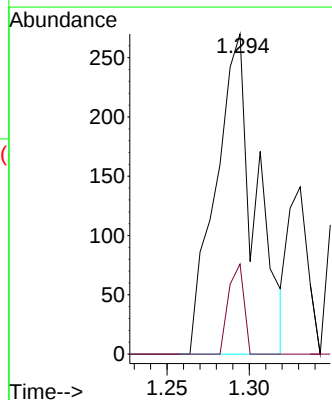
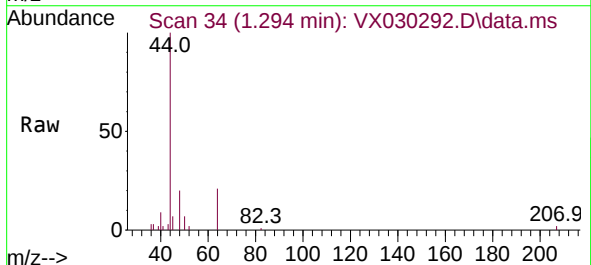
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

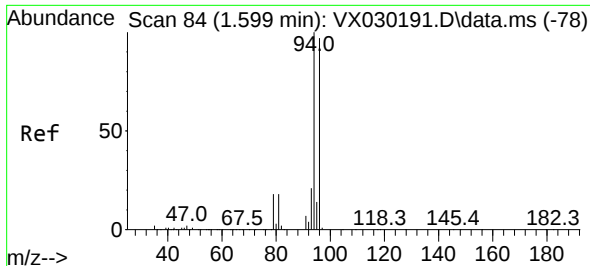
Tgt Ion:168 Resp: 137873
Ion Ratio Lower Upper
168 100
99 60.3 44.0 66.0



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 28.1 26.3 39.5

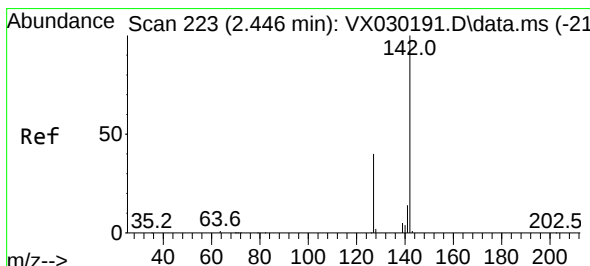
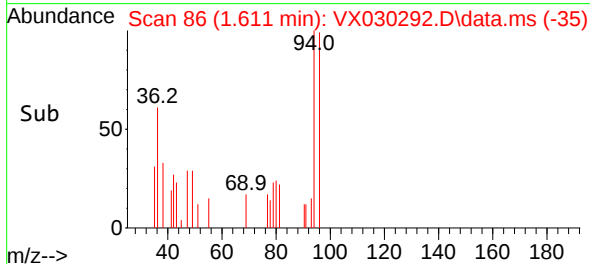
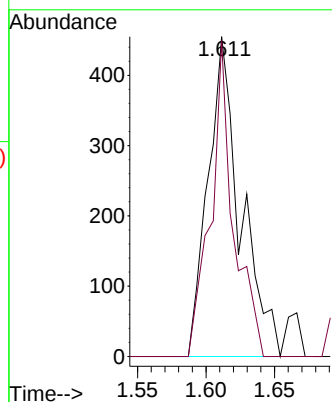
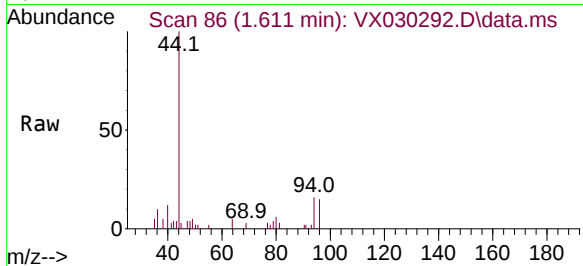




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

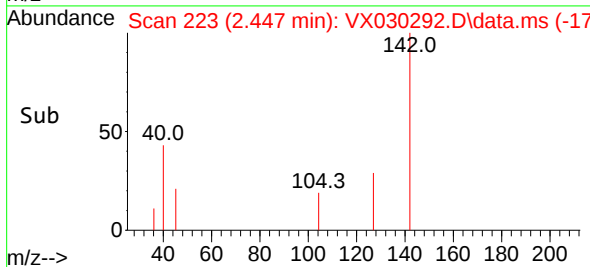
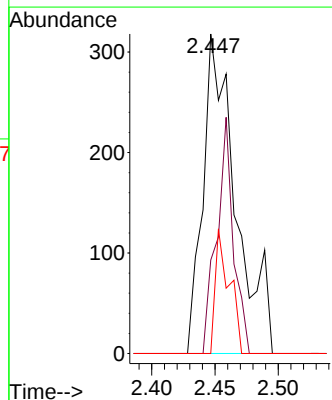
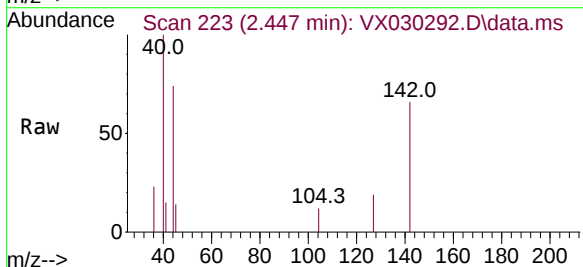
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

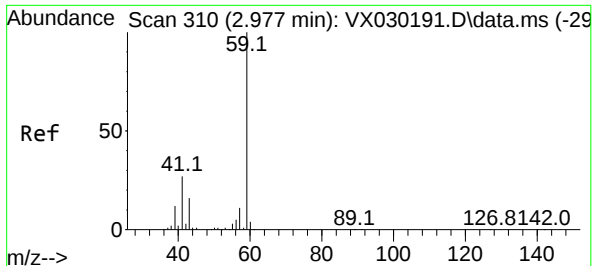
Tgt Ion: 94 Resp: 749
Ion Ratio Lower Upper
94 100
96 98.7 76.9 115.3



#10
Methyl Iodide
Concen: 1.783 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.001 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 142 Resp: 571
Ion Ratio Lower Upper
142 100
127 37.7 30.2 45.2
141 16.8 11.3 16.9

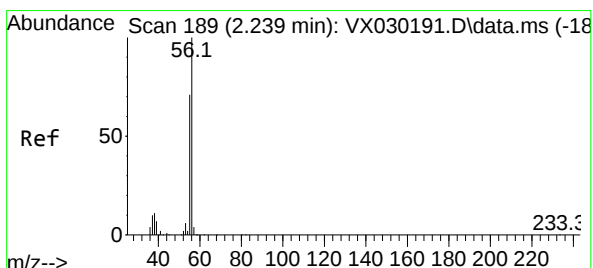
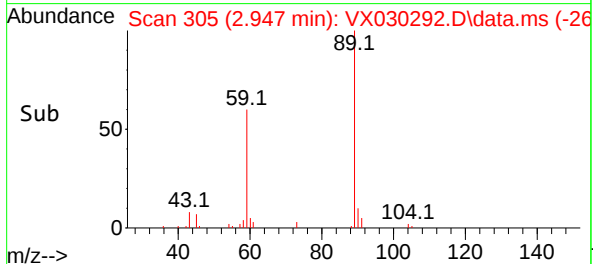
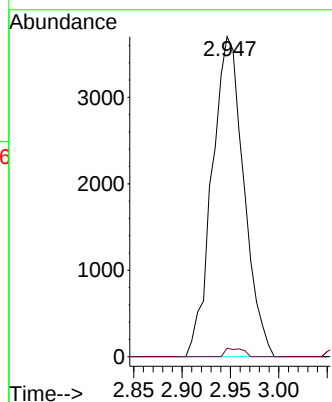
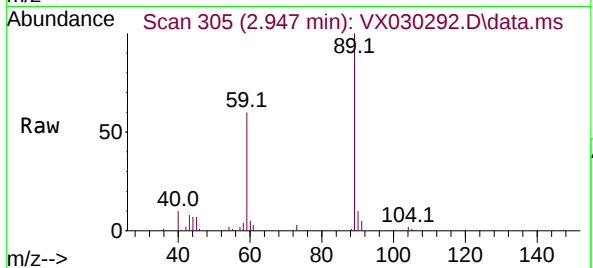




#11
Tert butyl alcohol
Concen: 12.464 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

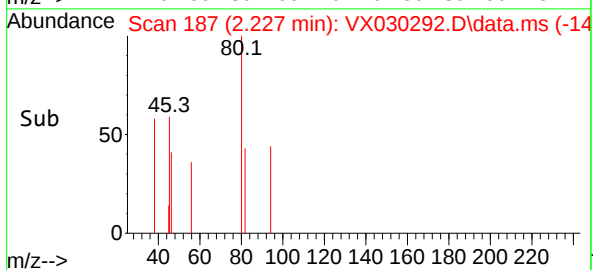
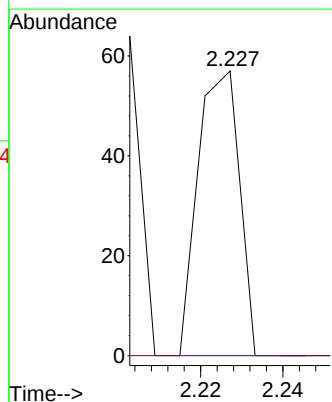
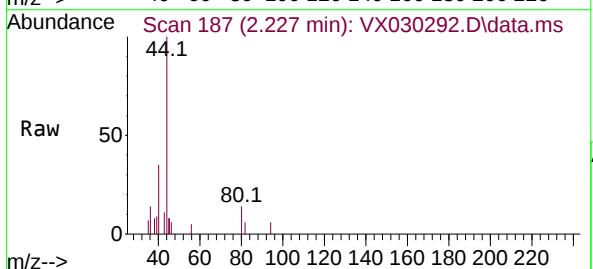
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

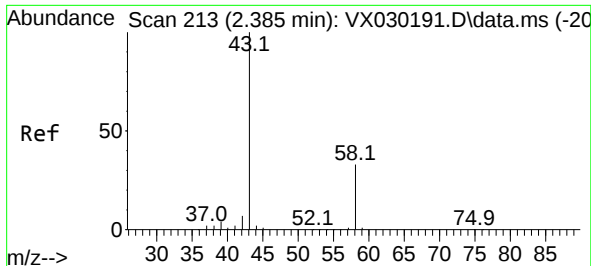
Tgt Ion: 59 Resp: 8425
Ion Ratio Lower Upper
59 100
57 1.5 7.4 11.2#



#13
Acrolein
Concen: 0.241 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

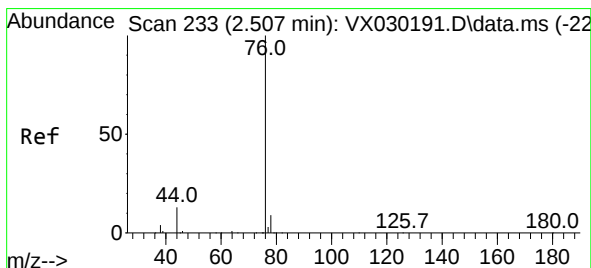
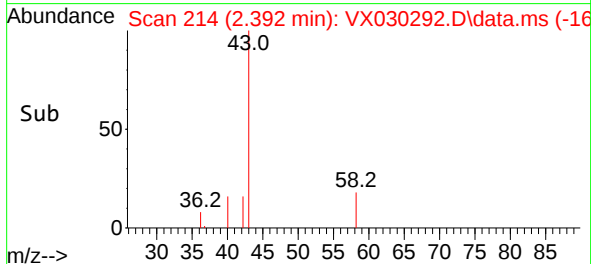
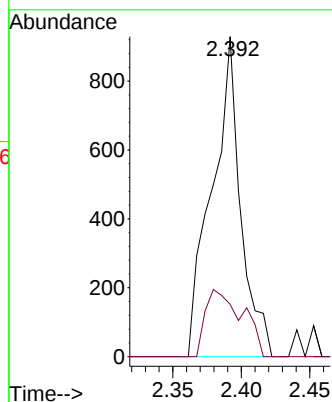
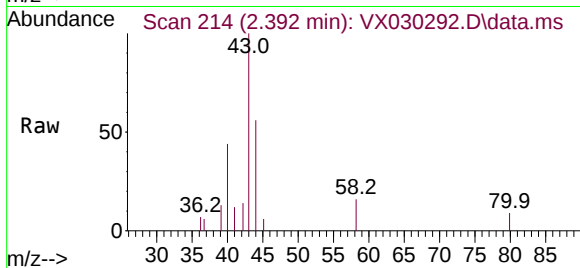




#16
Acetone
Concen: 0.955 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

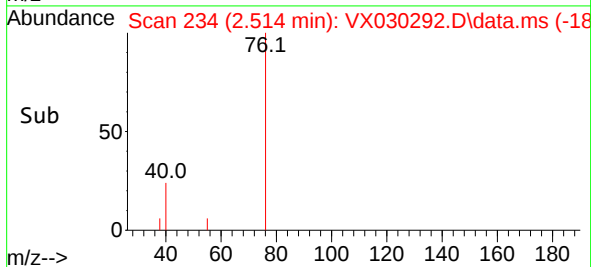
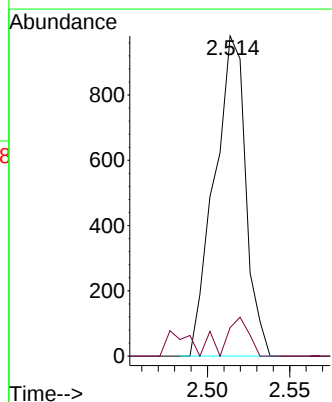
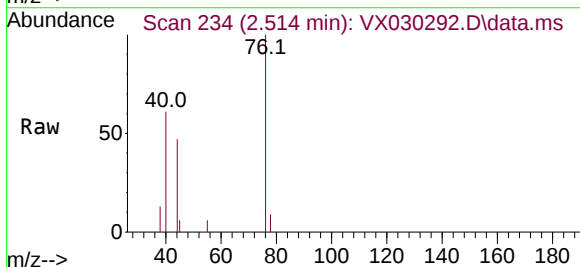
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

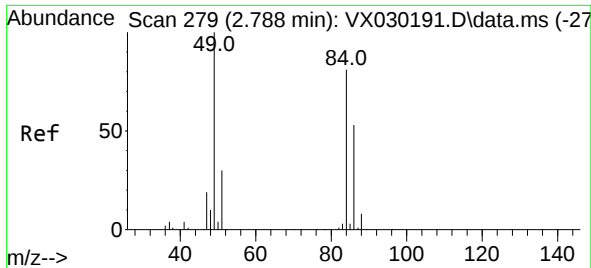
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 16.4 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 76 Resp: 1300
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



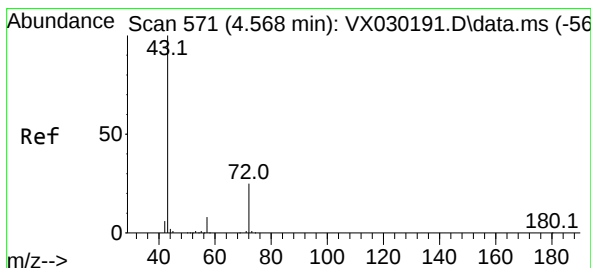
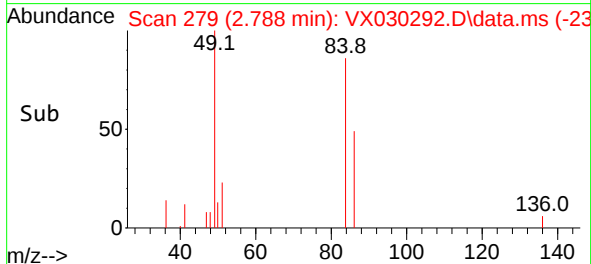
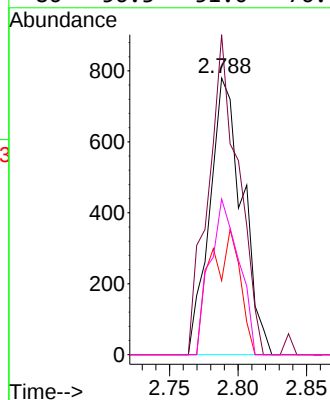
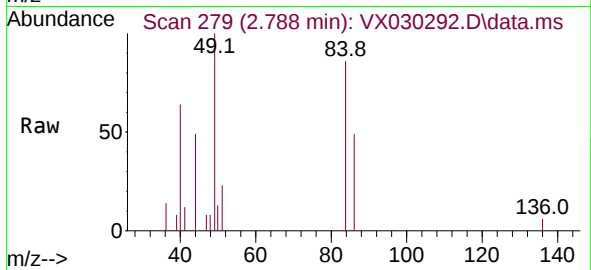


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

Tgt Ion: 84 Resp: 1298

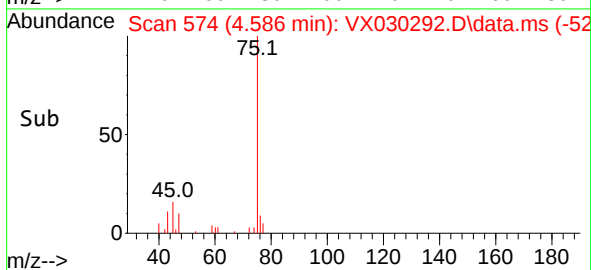
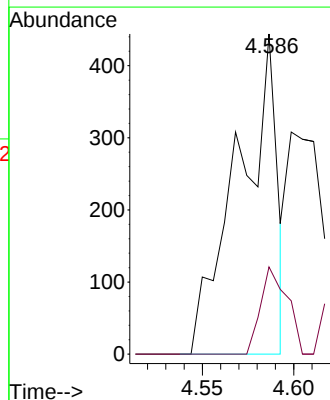
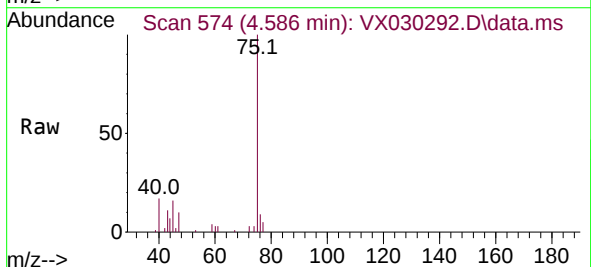
Ion	Ratio	Lower	Upper
84	100		
49	115.6	93.8	140.6
51	26.8	29.4	44.0
86	56.3	51.0	76.4

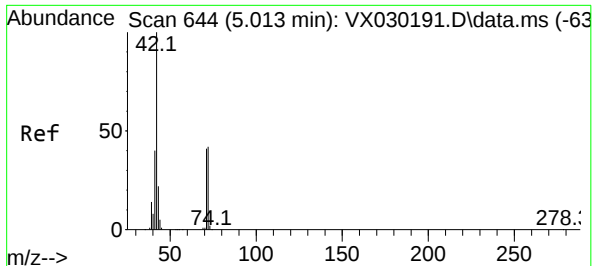


#25
2-Butanone
Concen: 0.277 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 43 Resp: 660

Ion	Ratio	Lower	Upper
43	100		
72	27.3	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX030292.D

Acq: 29 Jul 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBL01

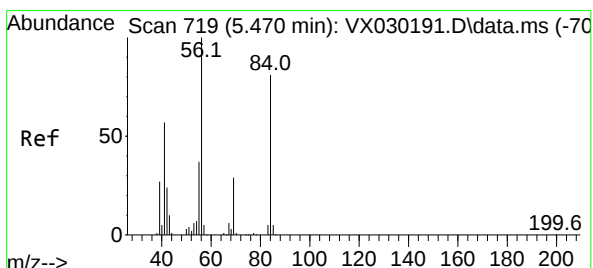
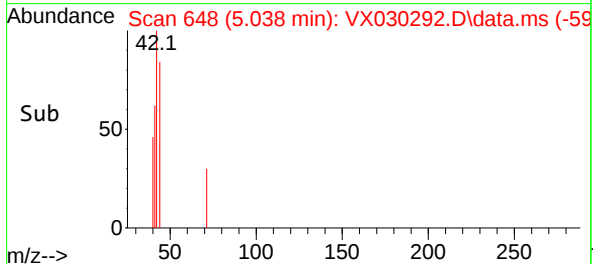
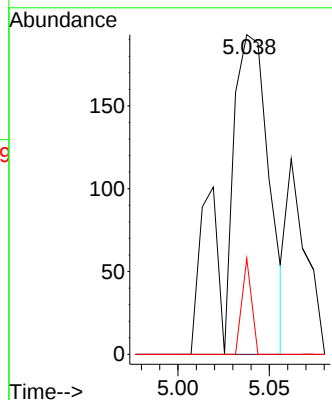
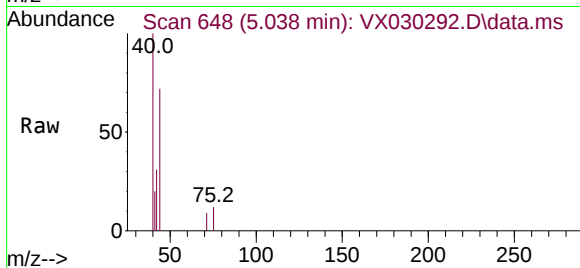
Tgt Ion: 42 Resp: 325

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 6.5 33.9 50.9#



#31

Cyclohexane

Concen: 0.852 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030292.D

Acq: 29 Jul 2022 10:57

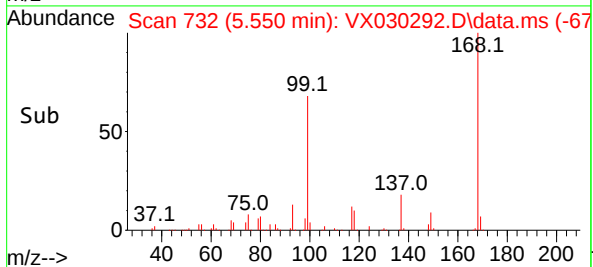
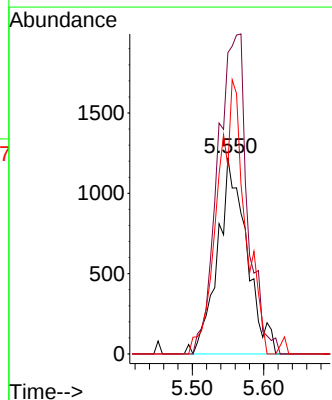
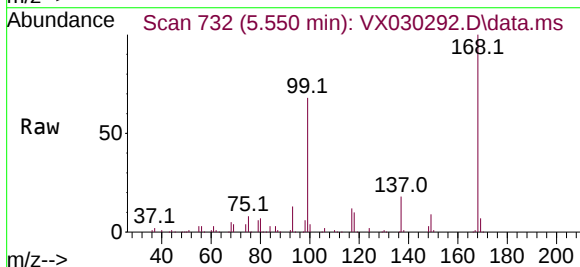
Tgt Ion: 56 Resp: 3428

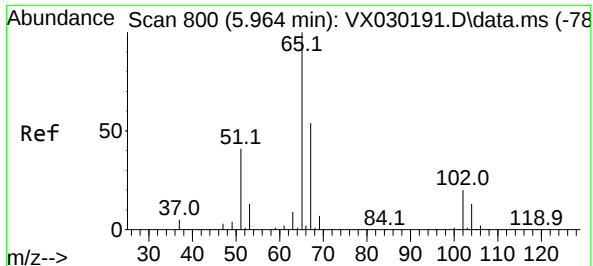
Ion Ratio Lower Upper

56 100

69 153.6 25.4 38.0#

84 95.5 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 55.184 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030292.D

Acq: 29 Jul 2022 10:57

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ClientSampleId :

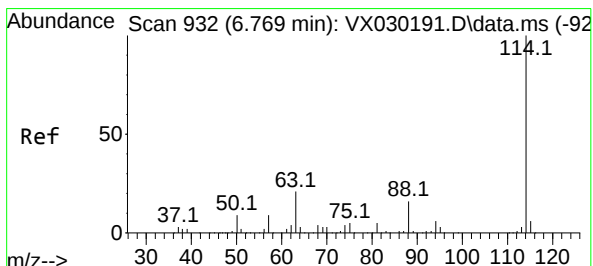
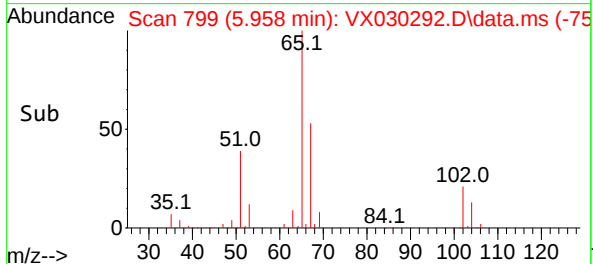
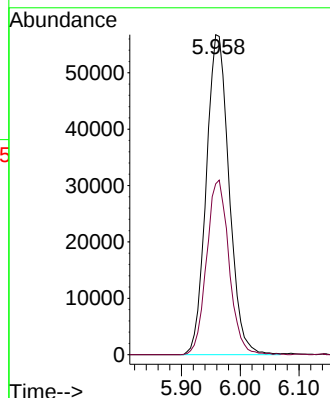
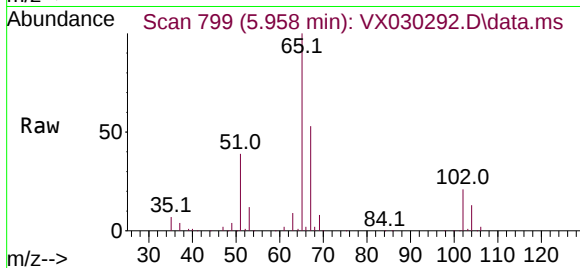
VX0729WBL01

Tgt Ion: 65 Resp: 152924

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030292.D

Acq: 29 Jul 2022 10:57

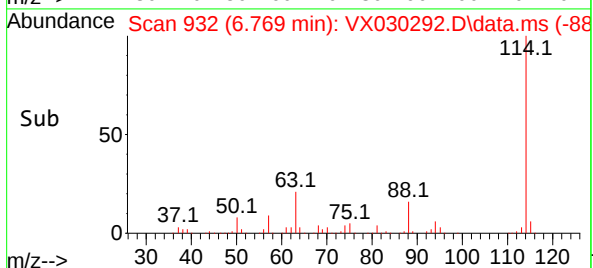
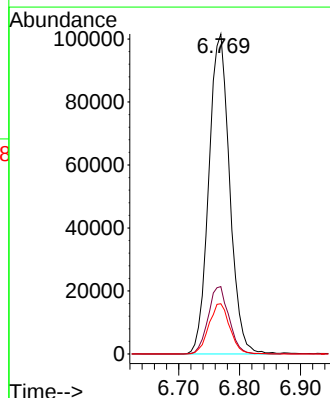
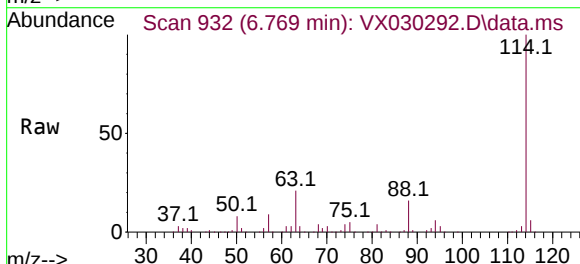
Tgt Ion: 114 Resp: 241297

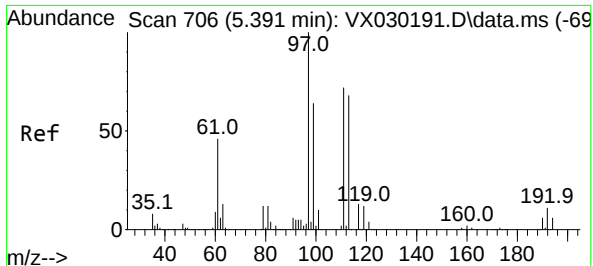
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.777 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030292.D

Acq: 29 Jul 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBL01

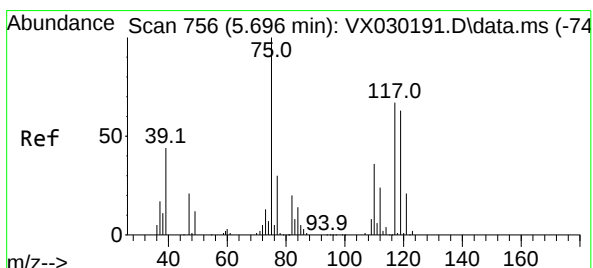
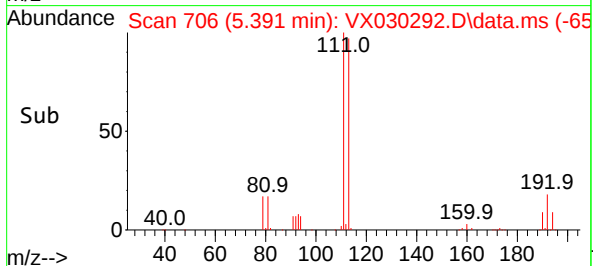
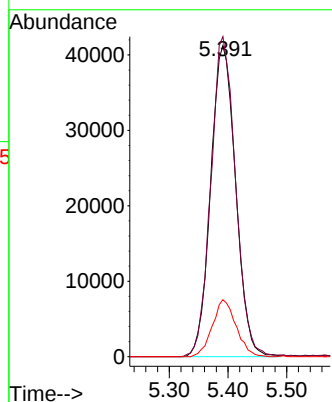
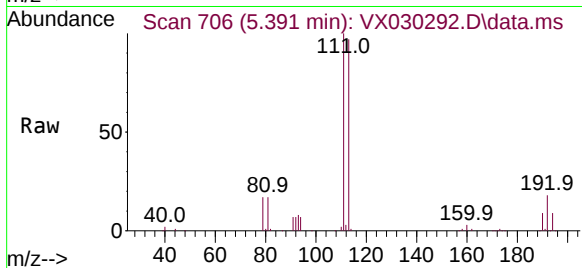
Tgt Ion:113 Resp: 121740

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

192 17.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.551 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030292.D

Acq: 29 Jul 2022 10:57

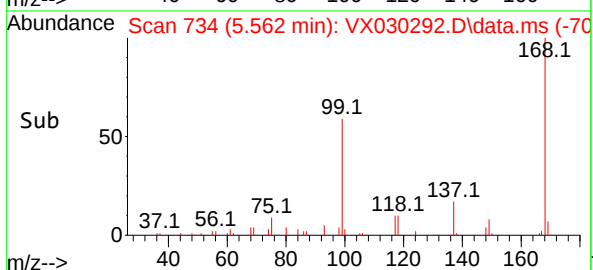
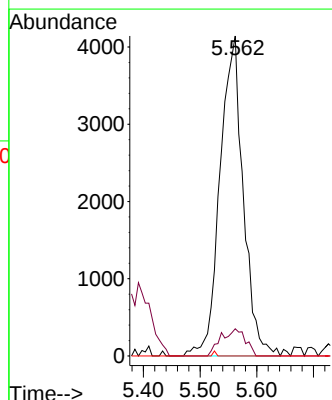
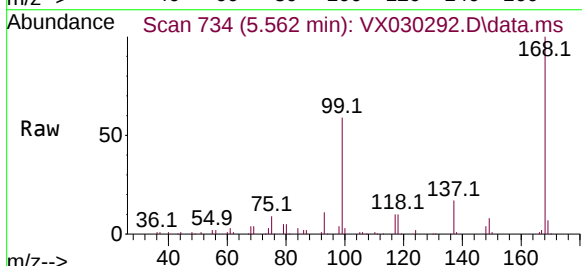
Tgt Ion: 75 Resp: 11788

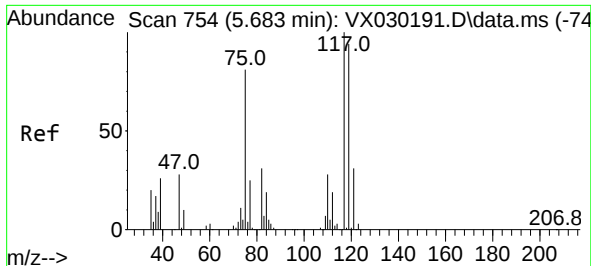
Ion Ratio Lower Upper

75 100

110 8.9 19.3 57.9#

77 0.0 24.4 36.6#

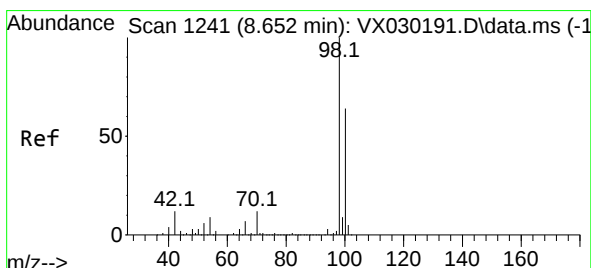
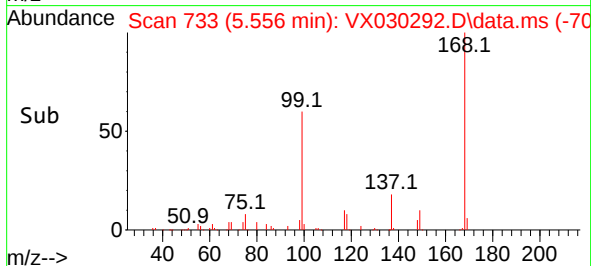
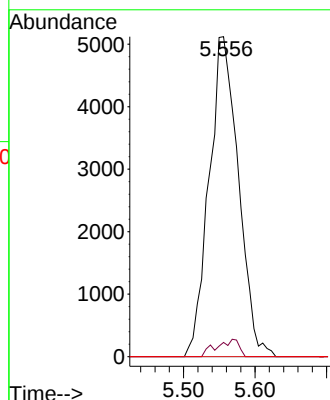
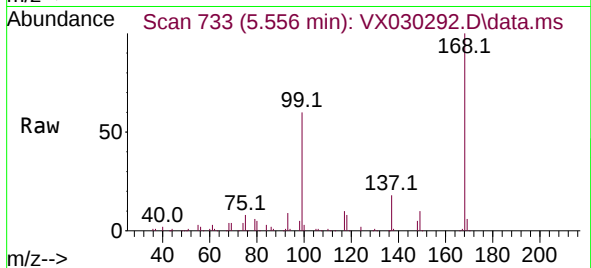




#38
Carbon Tetrachloride
Concen: 4.716 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.127 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

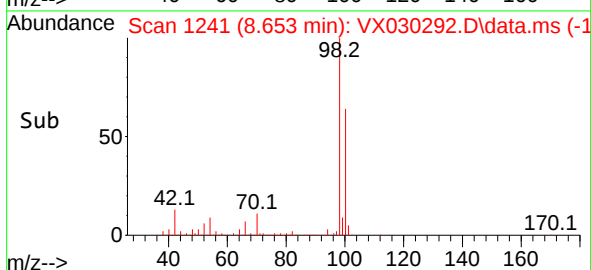
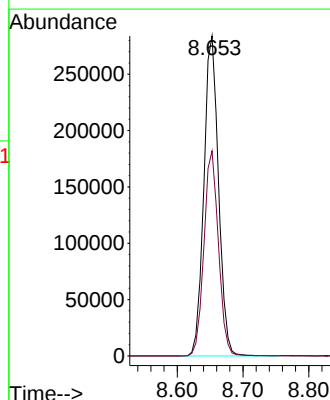
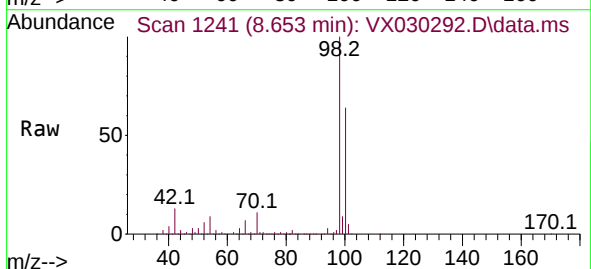
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

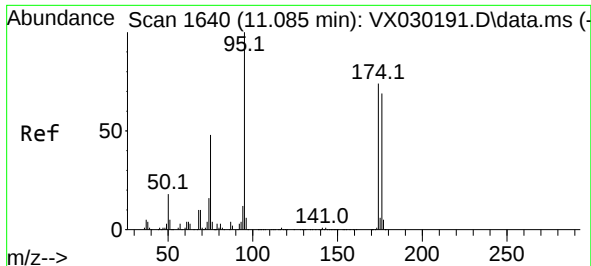
Tgt Ion:117 Resp: 14614
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.162 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 98 Resp: 439160
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

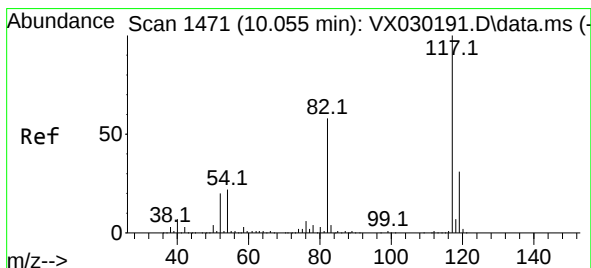
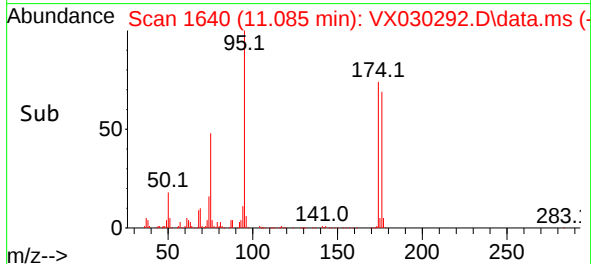
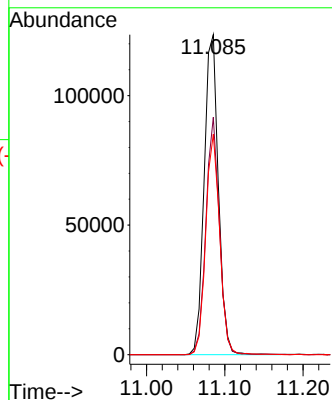
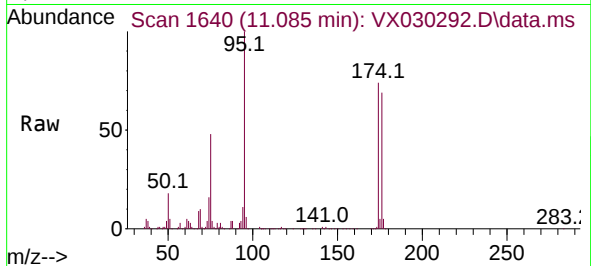




#62
4-Bromofluorobenzene
Concen: 46.950 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

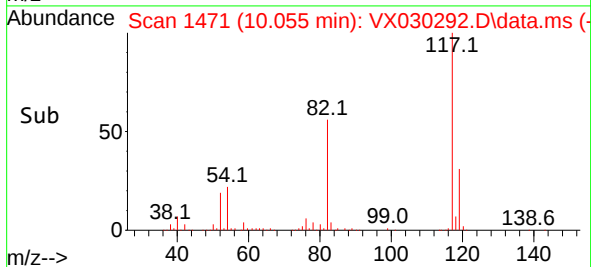
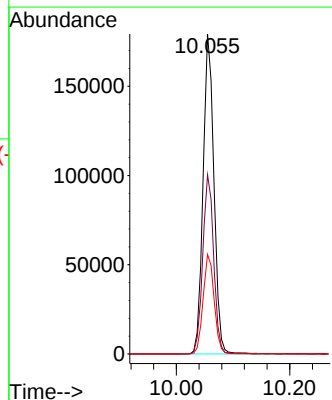
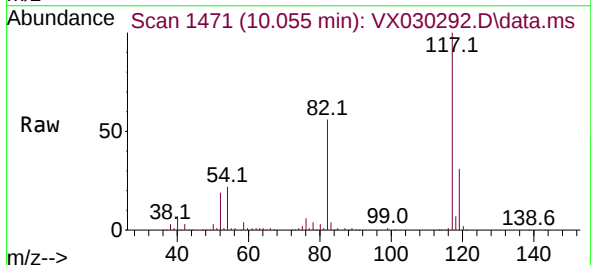
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

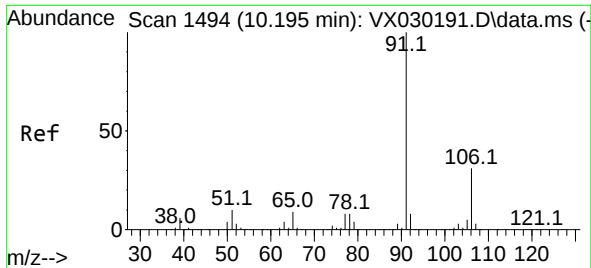
Tgt Ion: 95 Resp: 155649
Ion Ratio Lower Upper
95 100
174 70.4 0.0 149.0
176 67.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 117 Resp: 238785
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 31.1 25.4 38.2

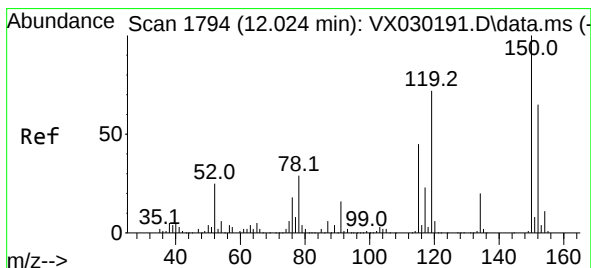
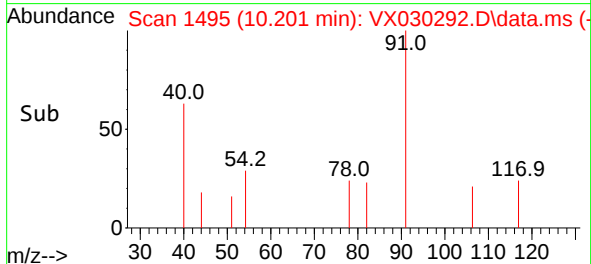
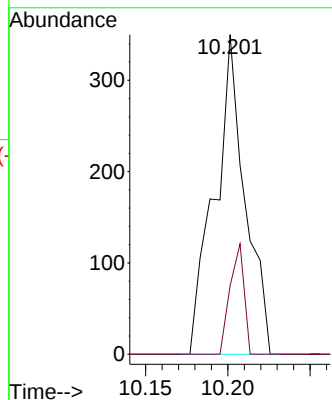
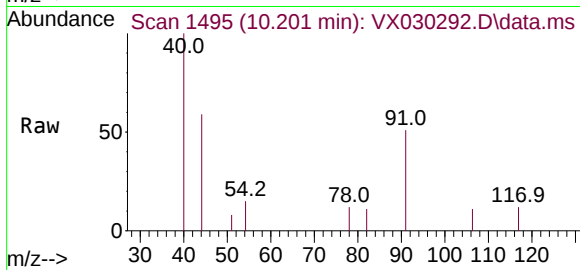




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

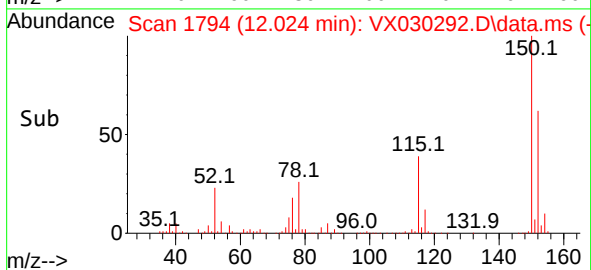
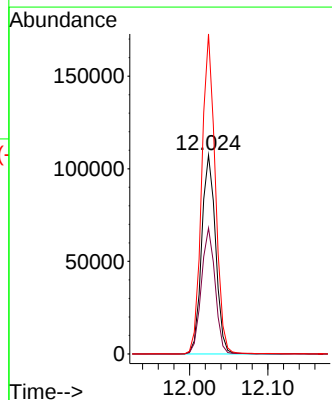
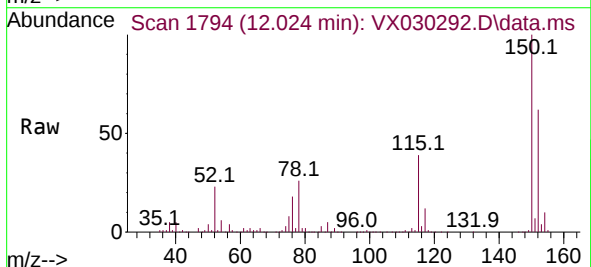
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

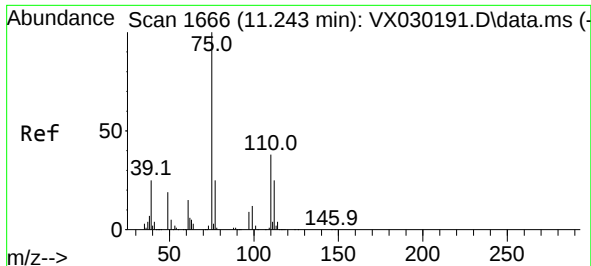
Tgt Ion: 91 Resp: 449
Ion Ratio Lower Upper
91 100
106 21.4 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion:152 Resp: 132861
Ion Ratio Lower Upper
152 100
115 62.5 40.5 121.5
150 156.3 0.0 347.0

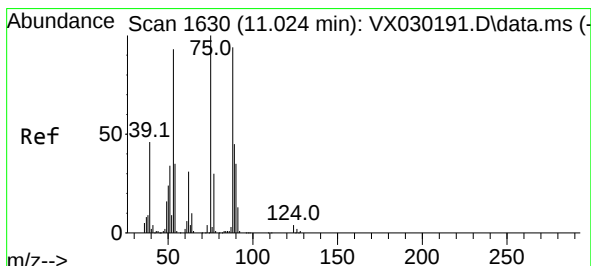
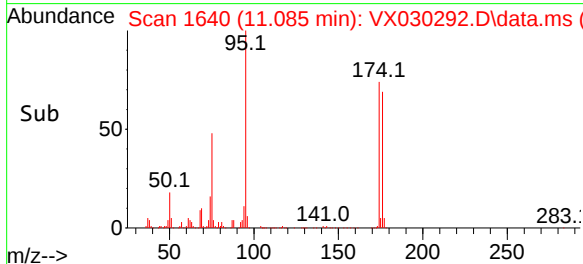
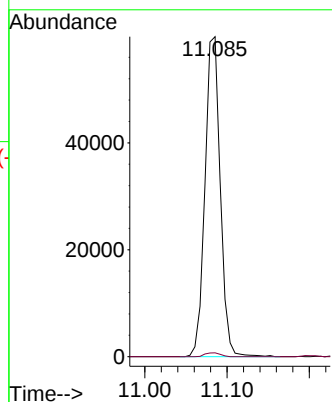
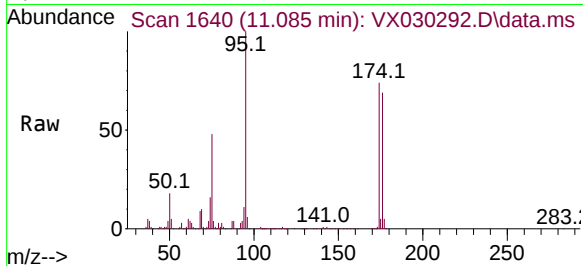




#76
1,2,3-Trichloropropane
Concen: 22.089 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

Tgt Ion: 75 Resp: 77360
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.266 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030292.D
Acq: 29 Jul 2022 10:57

Tgt Ion: 75 Resp: 77360
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

