

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030341.D
 Acq On : 02 Aug 2022 10:30
 Operator : JC/MD
 Sample : VX0802MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBL01

Quant Time: Aug 02 15:48:12 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)

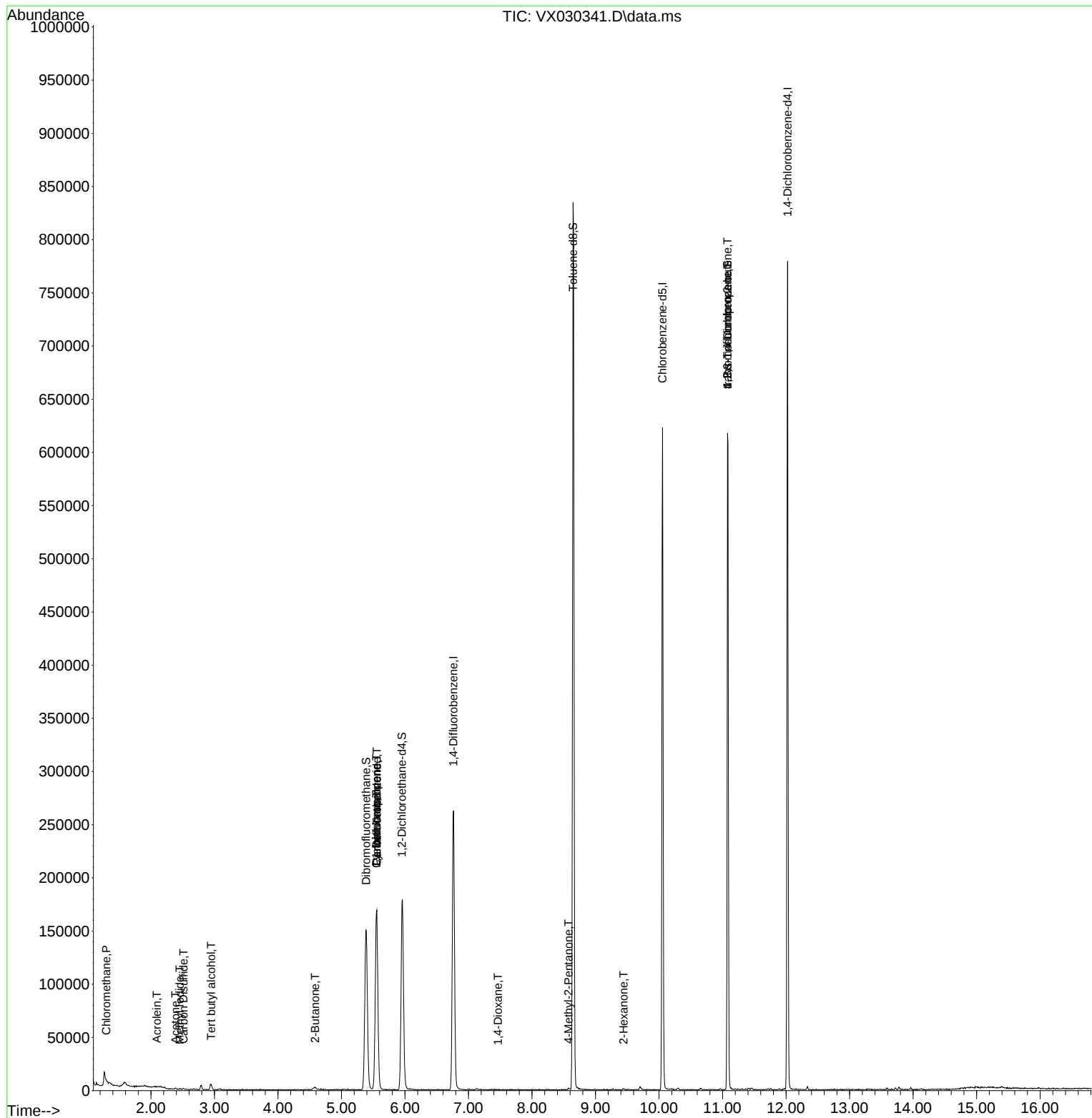
Internal Standards						
1) Pentafluorobenzene	5.556	168	159887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	267922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170457	53.042	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.080%			
35) Dibromofluoromethane	5.385	113	134746	52.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.647	98	502957	50.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	11.079	95	172730	46.924	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.840%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	758	0.292	ug/l #	77
5) Bromomethane	1.611	94	562	Below Cal	#	79
10) Methyl Iodide	2.453	142	919	1.883	ug/l #	89
11) Tert butyl alcohol	2.946	59	2869	3.660	ug/l #	74
13) Acrolein	2.093	56	46	0.239	ug/l #	1
16) Acetone	2.386	43	1170	0.711	ug/l #	82
17) Carbon Disulfide	2.514	76	1576	0.234	ug/l #	92
20) Methylene Chloride	2.782	84	1627	Below Cal	#	89
25) 2-Butanone	4.586	43	1304	0.472	ug/l #	48
31) Cyclohexane	5.550	56	3703	0.794	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12588	3.415	ug/l #	48
38) Carbon Tetrachloride	5.556	117	15842	4.604	ug/l #	17
49) 1,4-Dioxane	7.464	88	28	0.322	ug/l #	25
51) 4-Methyl-2-Pentanone	8.574	43	1065	0.205	ug/l	89
59) 2-Hexanone	9.439	43	1052	0.257	ug/l #	45
67) Ethyl Benzene	10.195	91	629	Below Cal	#	81
76) 1,2,3-Trichloropropane	11.079	75	87235	22.307	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87235	66.918	ug/l #	12

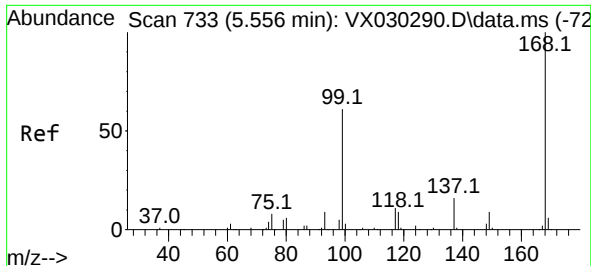
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
Data File : VX030341.D
Acq On : 02 Aug 2022 10:30
Operator : JC/MD
Sample : VX0802MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

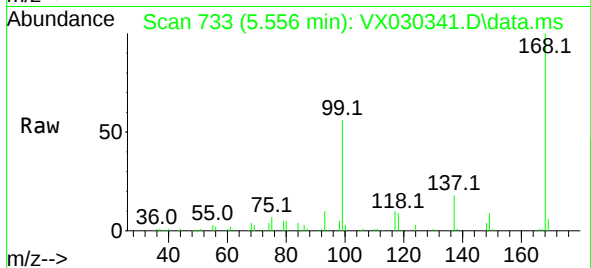
Quant Time: Aug 02 15:48:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



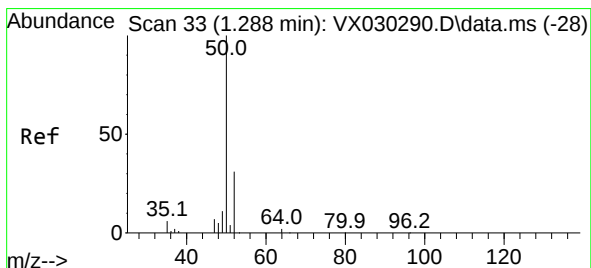
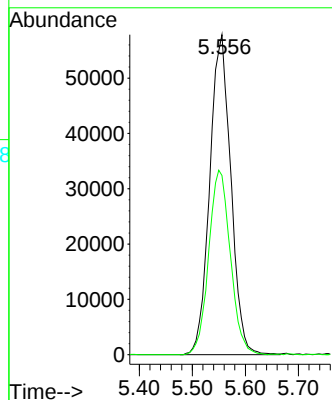
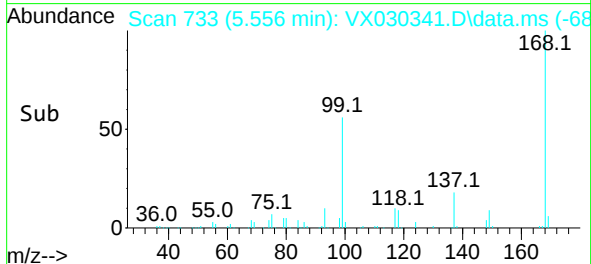


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

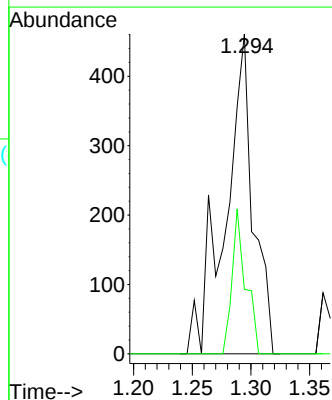
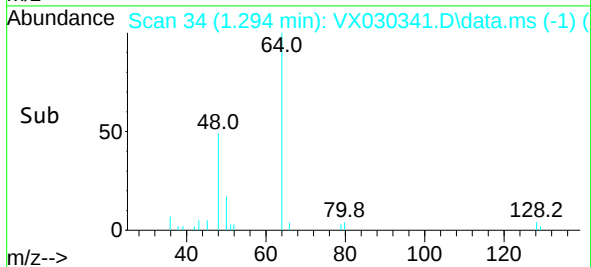
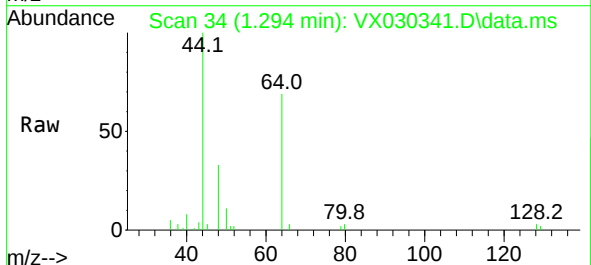


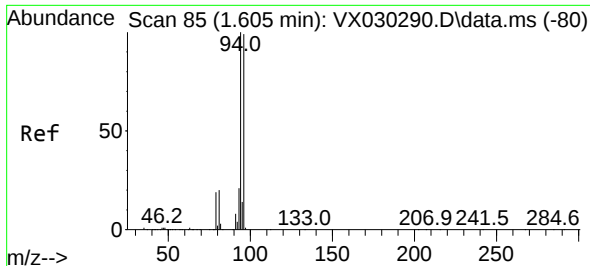
Tgt Ion:168 Resp: 159887
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 20.2 26.3 39.5#

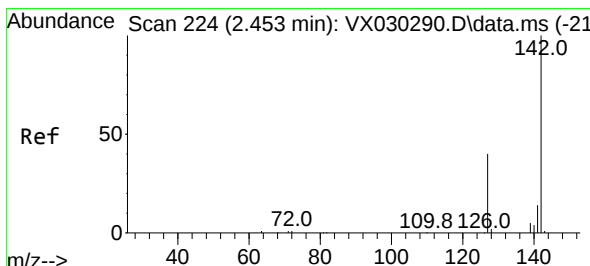
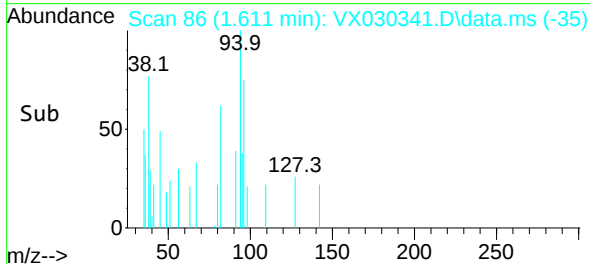
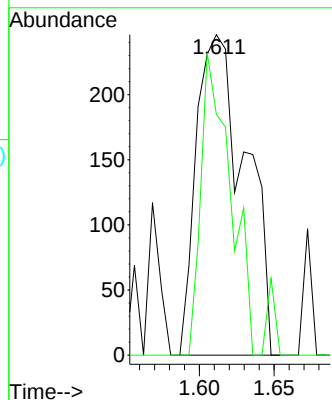
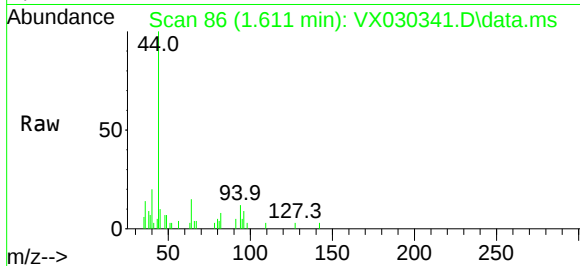




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

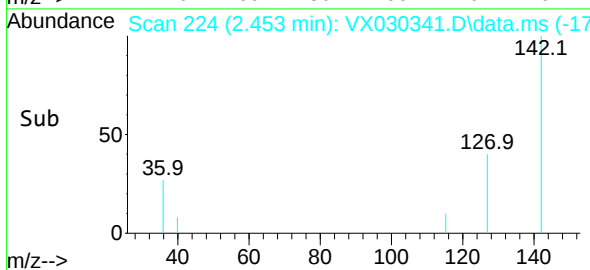
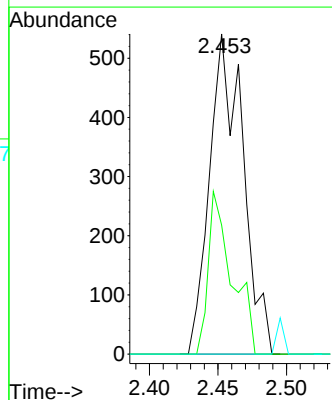
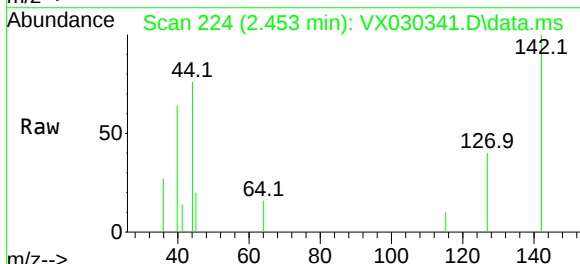
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

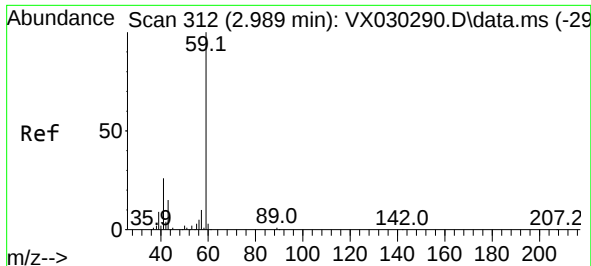
Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 75.2 76.9 115.3#



#10
Methyl Iodide
Concen: 1.883 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 142 Resp: 919
Ion Ratio Lower Upper
142 100
127 36.0 30.2 45.2
141 0.0 11.3 16.9#

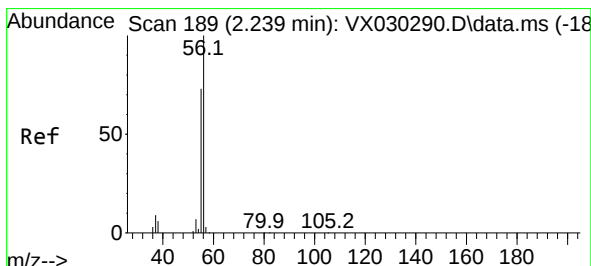
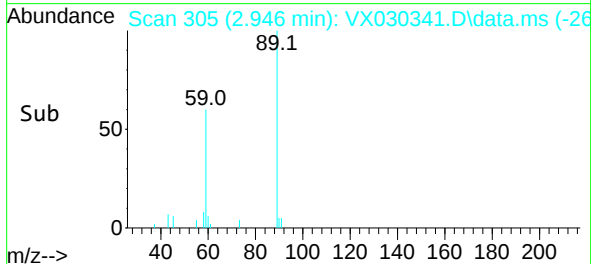
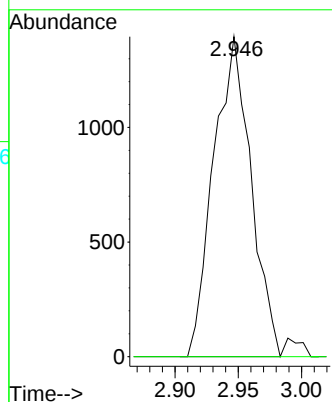
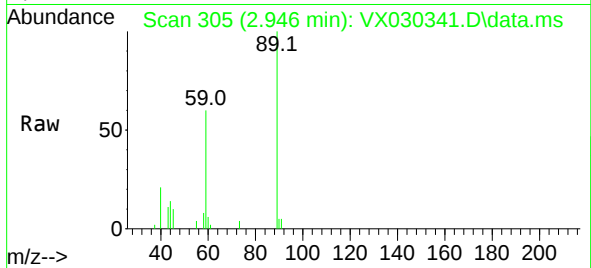




#11
Tert butyl alcohol
Concen: 3.660 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

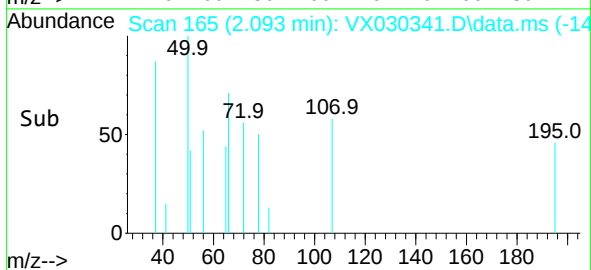
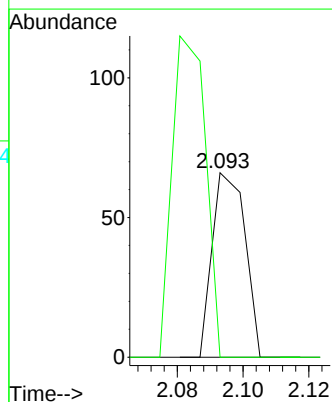
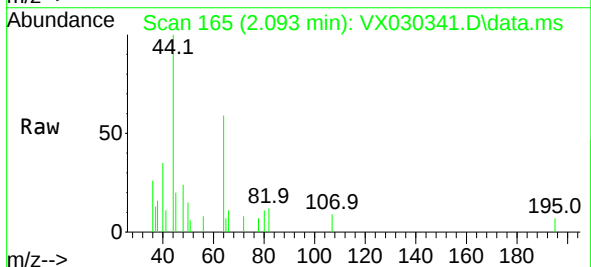
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

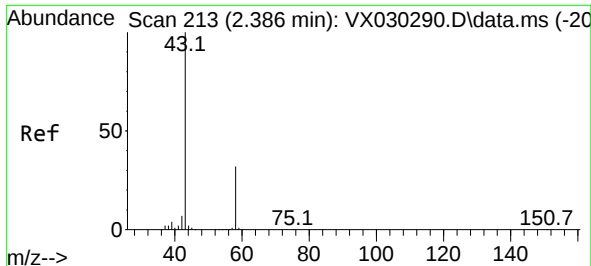
Tgt Ion: 59 Resp: 2869
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.239 ug/l
RT: 2.093 min Scan# 165
Delta R.T. -0.146 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 176.1 56.6 84.8#

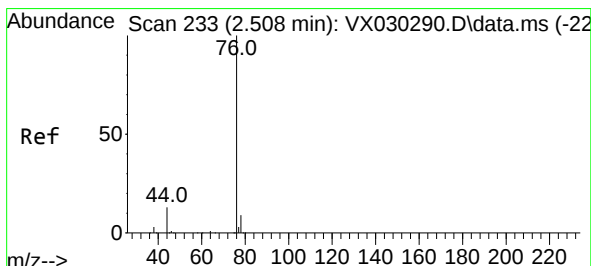
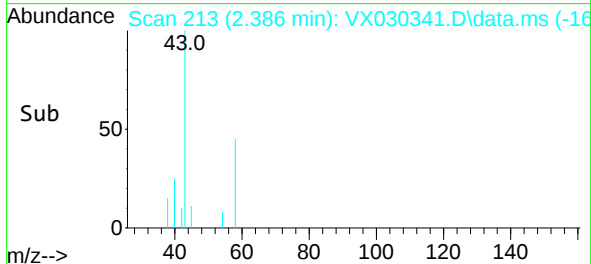
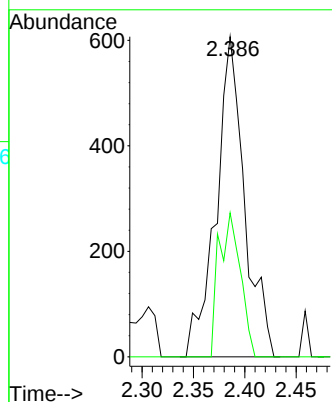
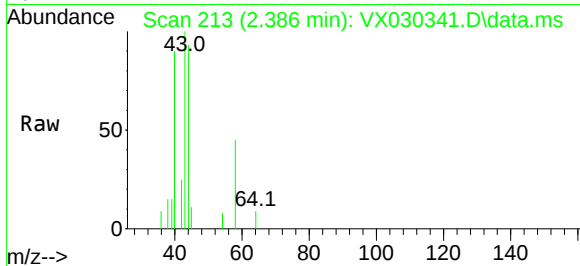




#16
Acetone
Concen: 0.711 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

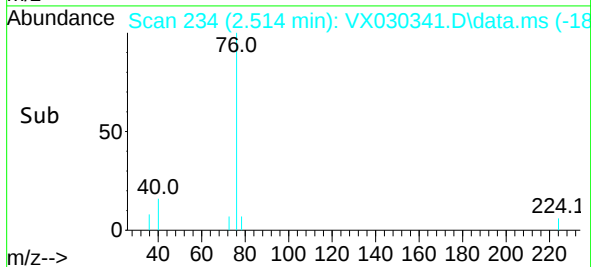
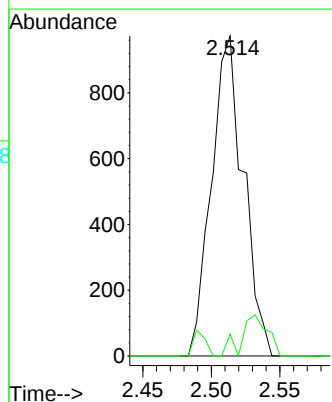
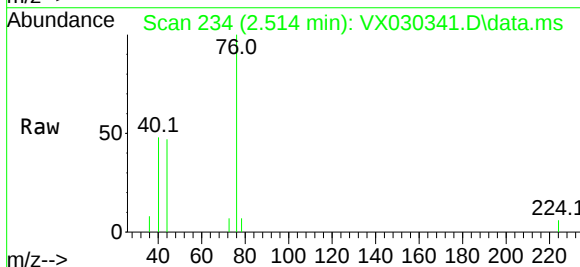
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

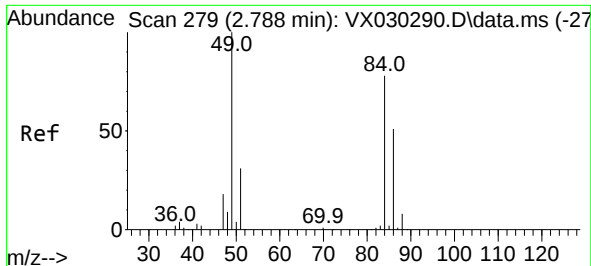
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 45.0 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 76 Resp: 1576
Ion Ratio Lower Upper
76 100
78 6.9 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030341.D

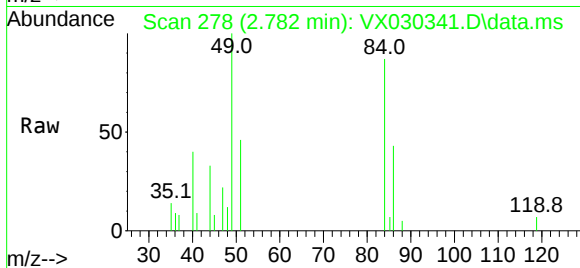
Acq: 02 Aug 2022 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBL01



Tgt Ion: 84 Resp: 1627

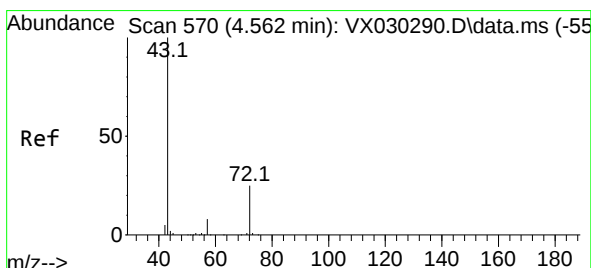
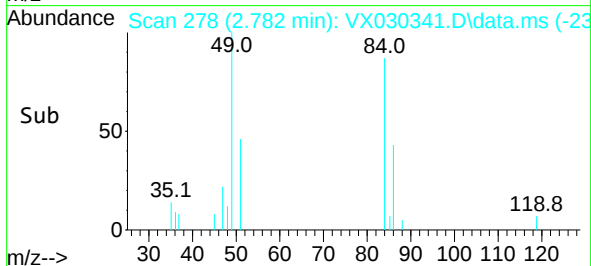
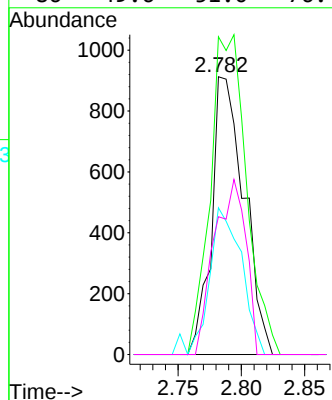
Ion Ratio Lower Upper

84 100

49 114.3 93.8 140.6

51 52.8 29.4 44.0#

86 49.6 51.0 76.4#



#25

2-Butanone

Concen: 0.472 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX030341.D

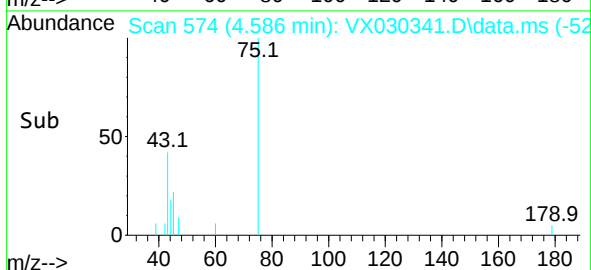
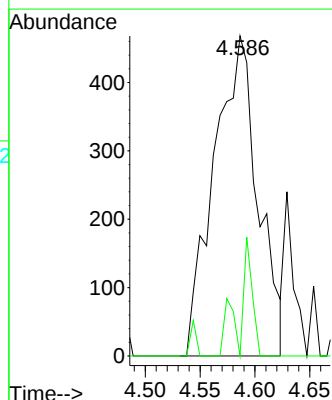
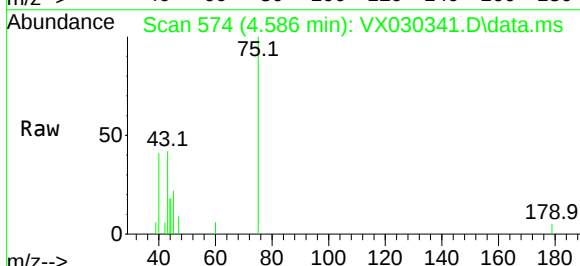
Acq: 02 Aug 2022 10:30

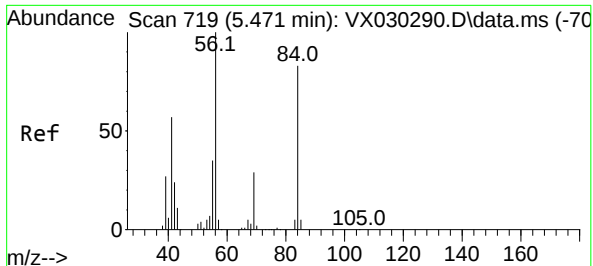
Tgt Ion: 43 Resp: 1304

Ion Ratio Lower Upper

43 100

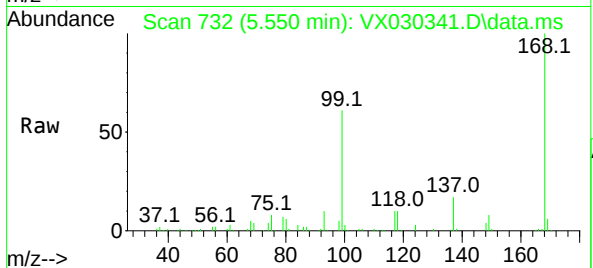
72 0.0 21.7 32.5#



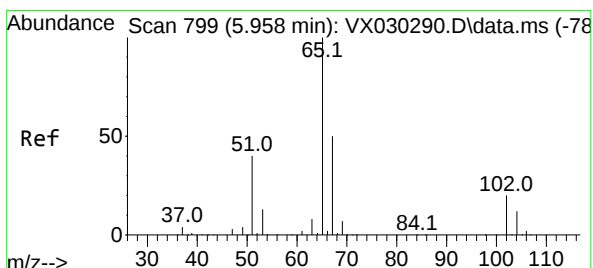
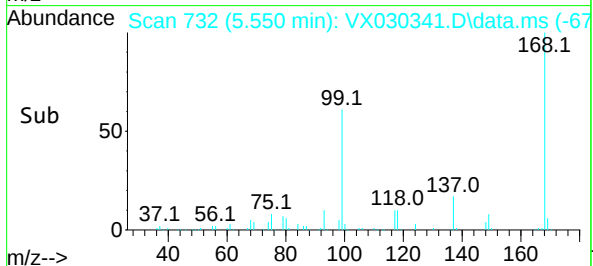
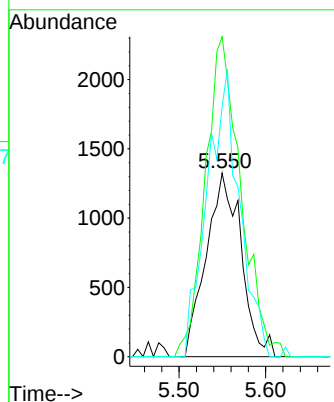


#31
Cyclohexane
Concen: 0.794 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

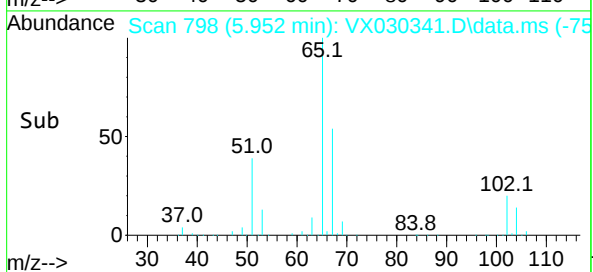
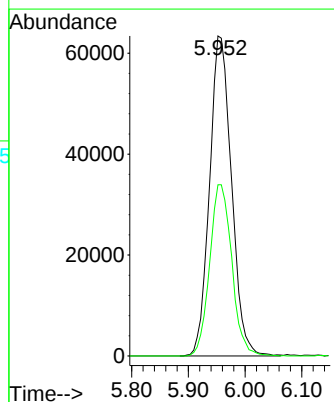
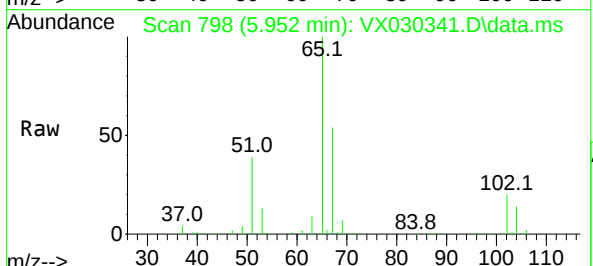


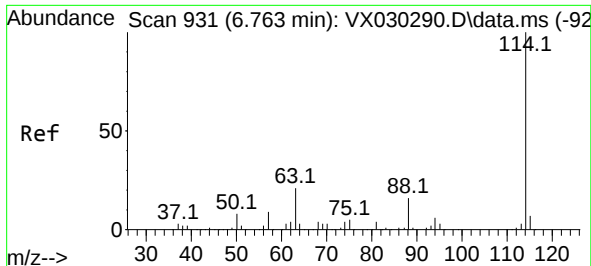
Tgt Ion: 56 Resp: 3703
Ion Ratio Lower Upper
56 100
69 167.5 25.4 38.0#
84 136.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.042 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.012 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 65 Resp: 170457
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

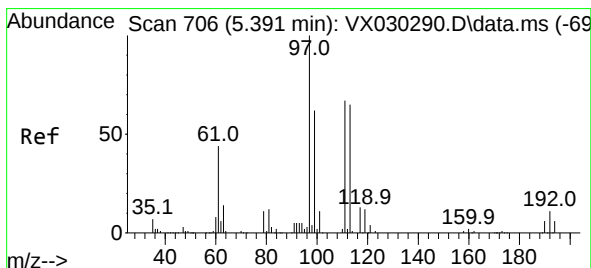
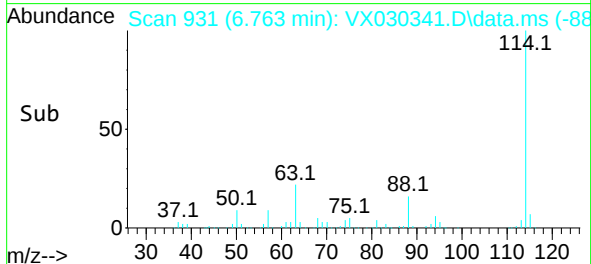
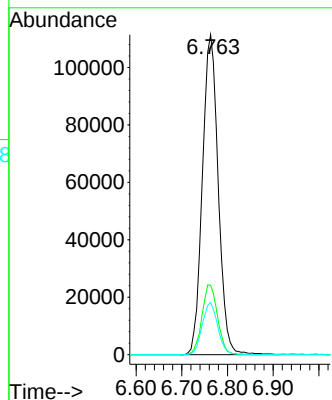
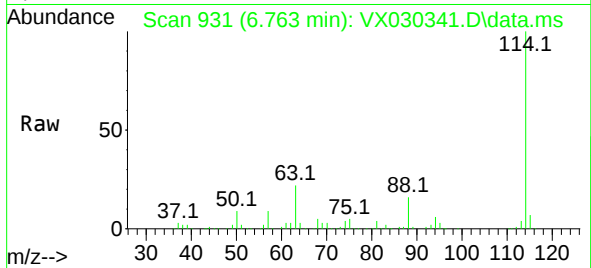




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

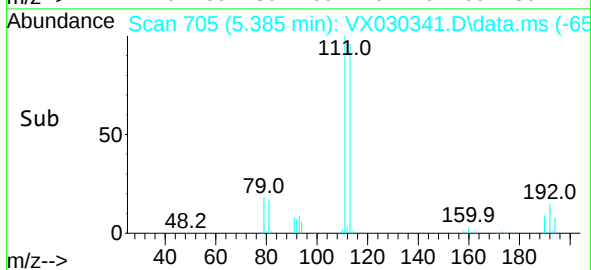
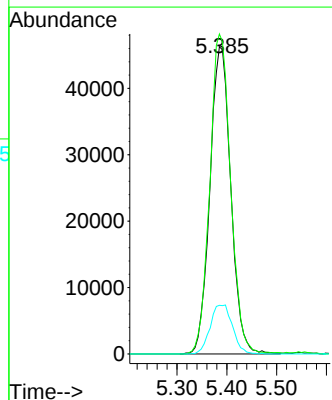
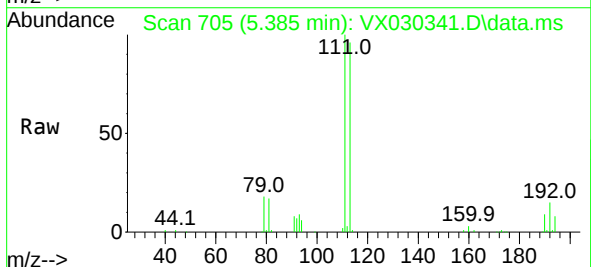
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

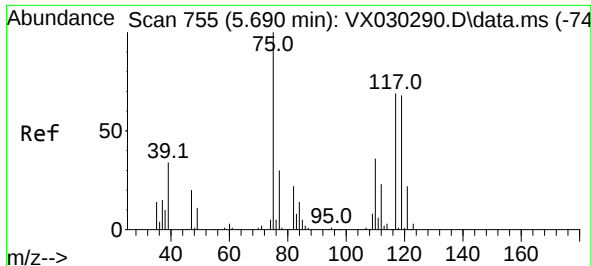
Tgt Ion:114 Resp: 267922
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.4
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.611 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion:113 Resp: 134746
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 17.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.415 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX030341.D

Acq: 02 Aug 2022 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBL01

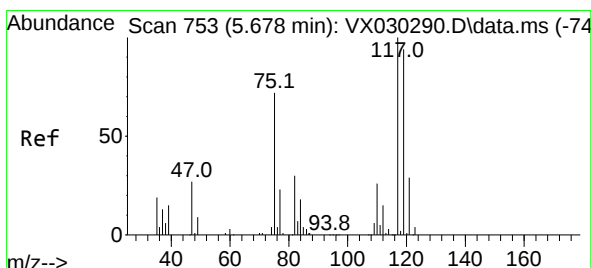
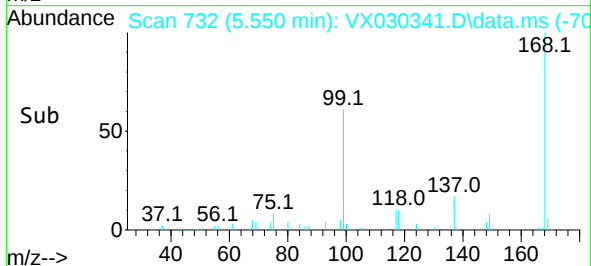
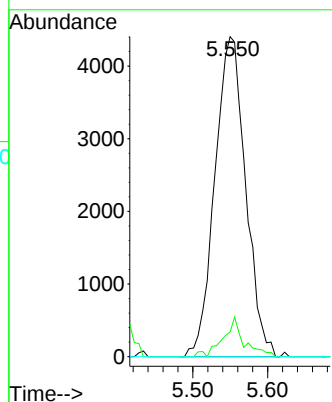
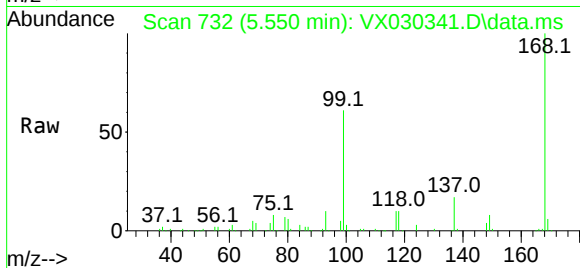
Tgt Ion: 75 Resp: 12588

Ion Ratio Lower Upper

75 100

110 8.4 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.604 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.127 min

Lab File: VX030341.D

Acq: 02 Aug 2022 10:30

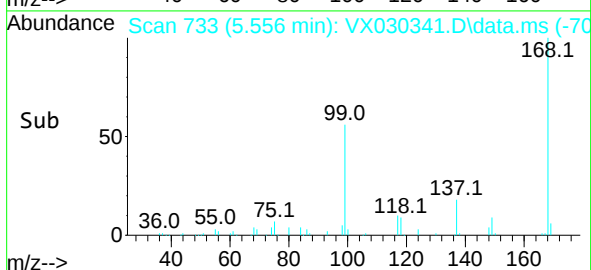
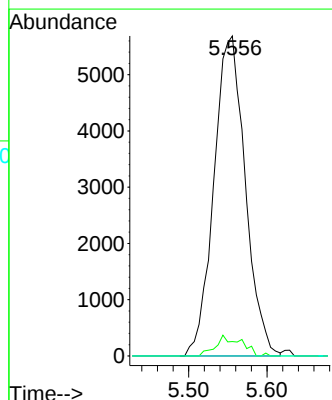
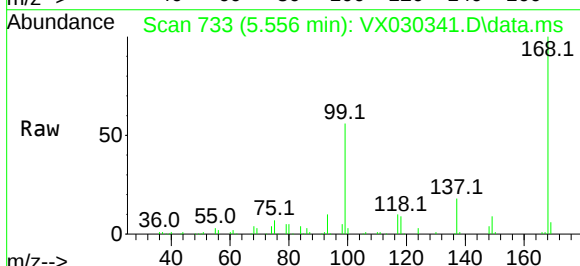
Tgt Ion: 117 Resp: 15842

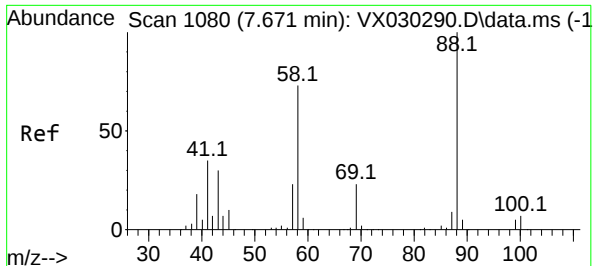
Ion Ratio Lower Upper

117 100

119 4.5 74.1 111.1#

121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.322 ug/l

RT: 7.464 min Scan# 1046

Delta R.T. -0.201 min

Lab File: VX030341.D

Acq: 02 Aug 2022 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBL01

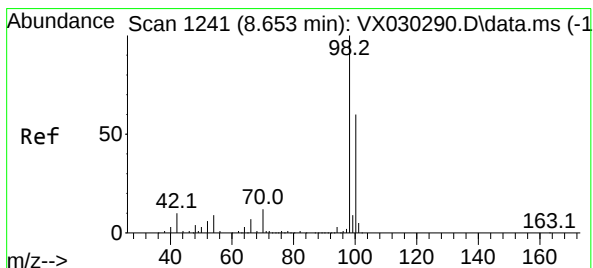
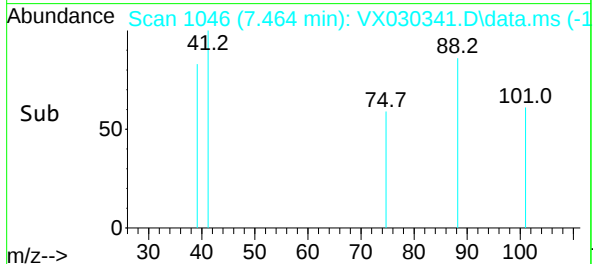
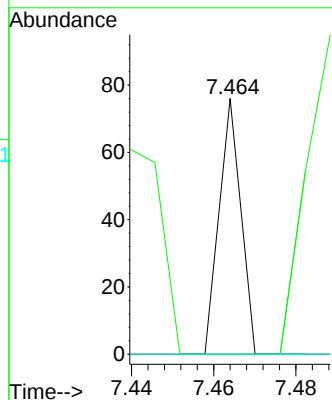
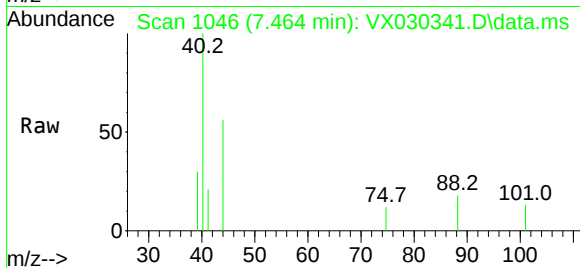
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 50.708 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.005 min

Lab File: VX030341.D

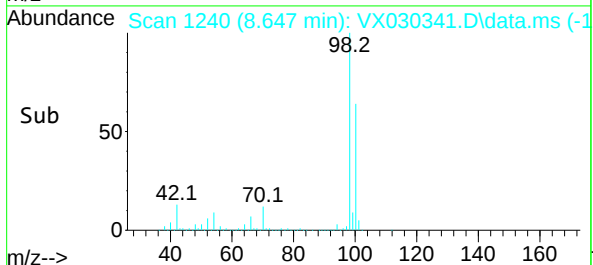
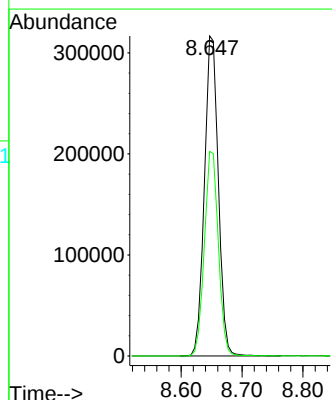
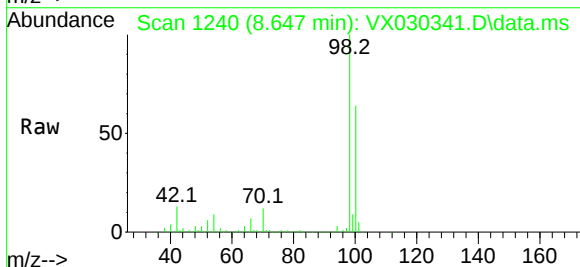
Acq: 02 Aug 2022 10:30

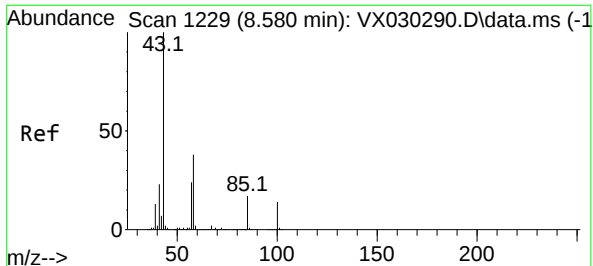
Tgt Ion: 98 Resp: 502957

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.205 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.005 min

Lab File: VX030341.D

Acq: 02 Aug 2022 10:30

Instrument :

MSVOA_X

ClientSampleId :

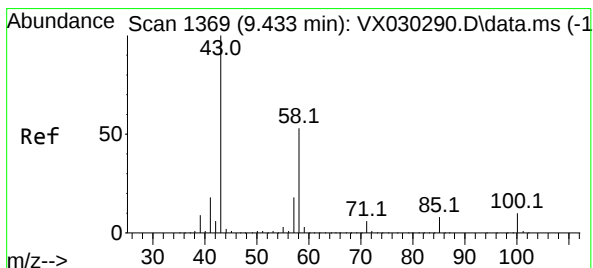
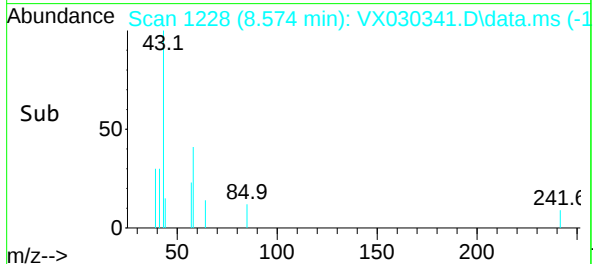
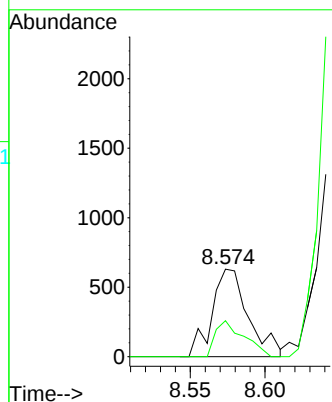
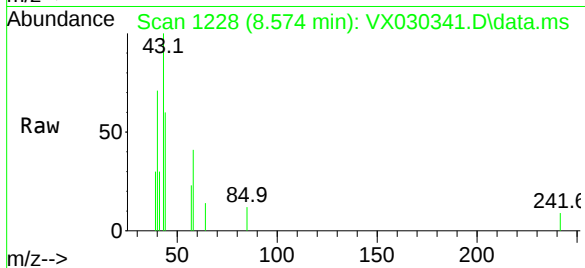
VX0802MBL01

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

58 32.3 31.4 47.2



#59

2-Hexanone

Concen: 0.257 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX030341.D

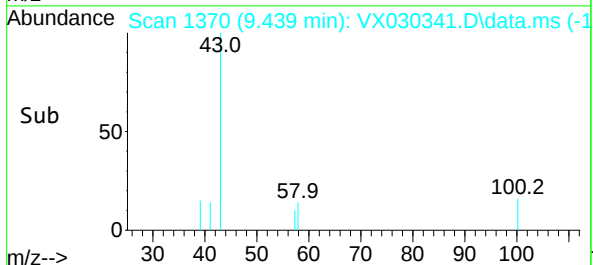
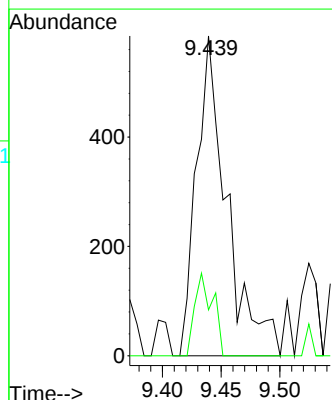
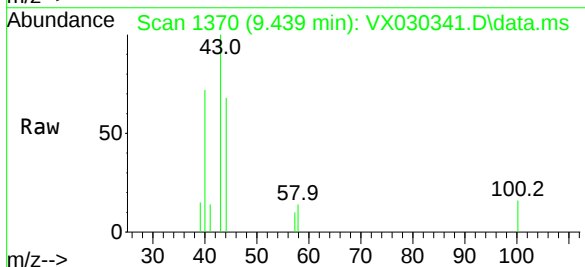
Acq: 02 Aug 2022 10:30

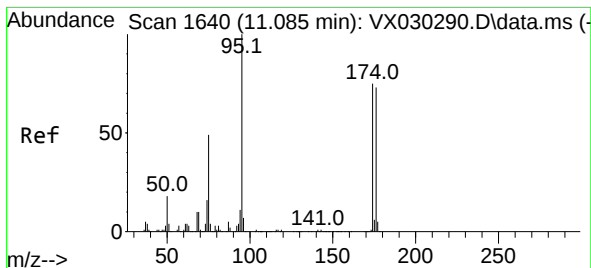
Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 15.3 27.6 82.8#

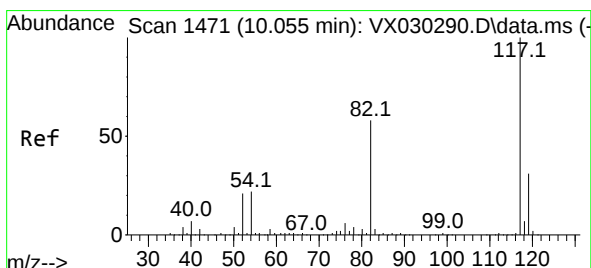
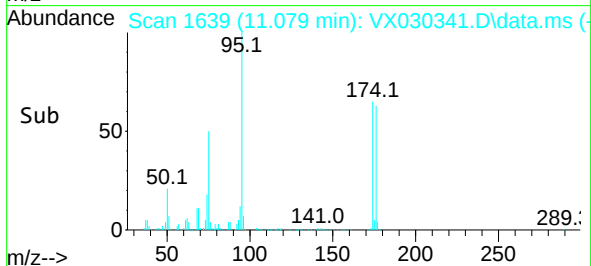
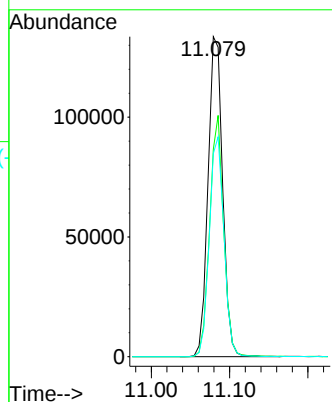
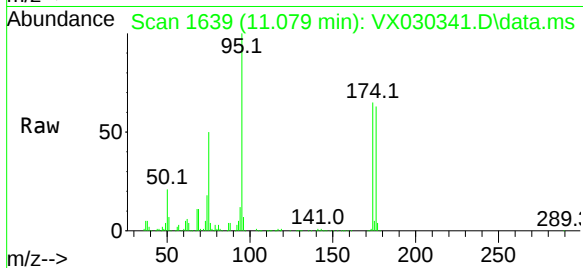




#62
4-Bromofluorobenzene
Concen: 46.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

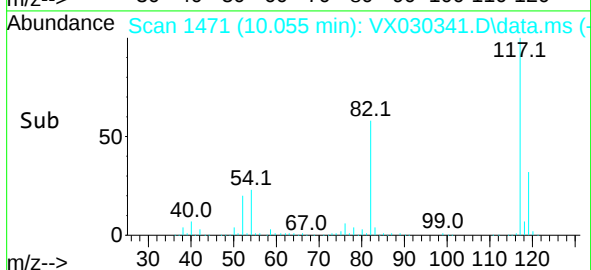
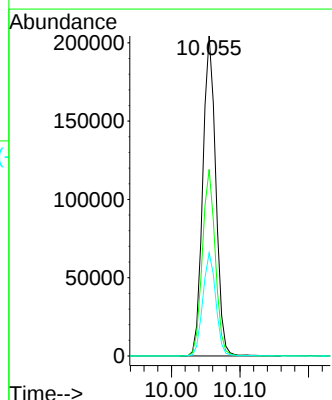
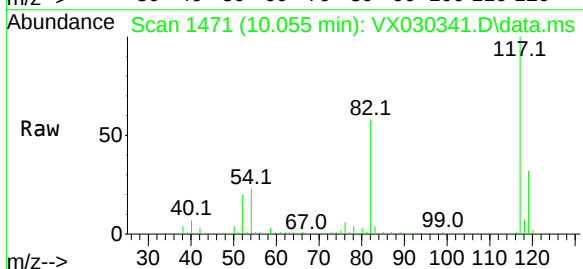
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

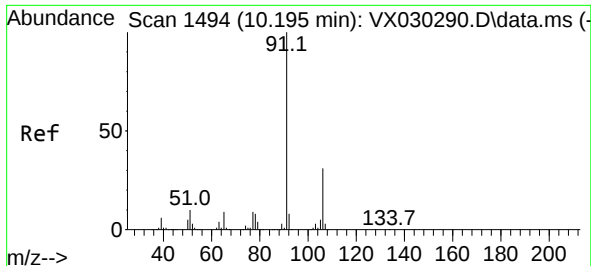
Tgt Ion: 95 Resp: 172730
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.0
176 68.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 117 Resp: 271100
Ion Ratio Lower Upper
117 100
82 58.3 42.7 64.1
119 32.3 25.4 38.2

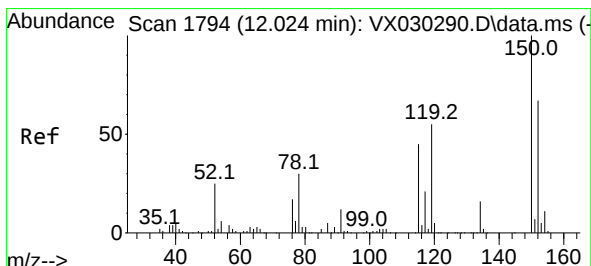
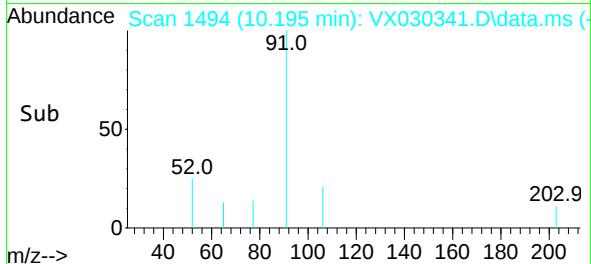
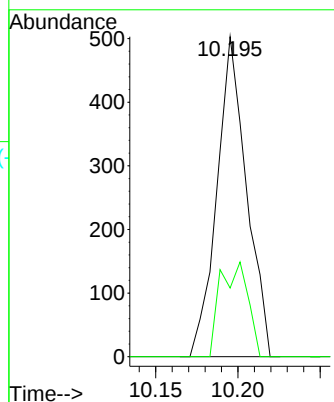
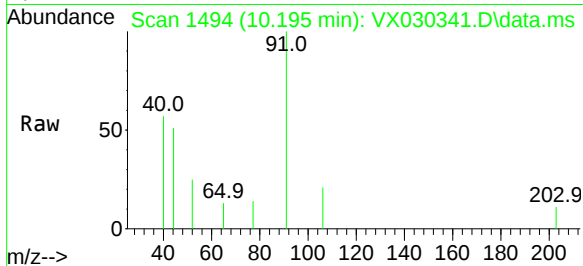




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

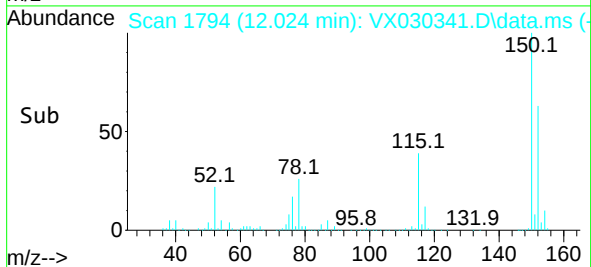
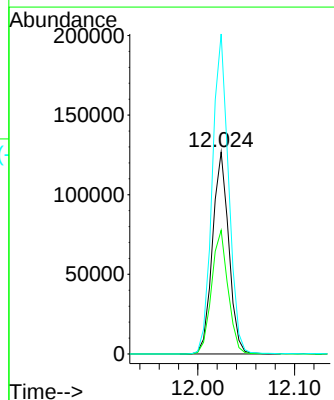
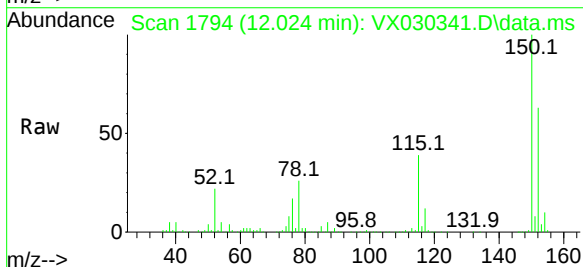
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

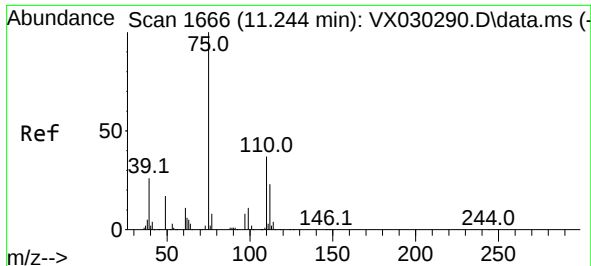
Tgt Ion: 91 Resp: 629
Ion Ratio Lower Upper
91 100
106 21.5 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 152 Resp: 148361
Ion Ratio Lower Upper
152 100
115 61.7 40.5 121.5
150 158.8 0.0 347.0

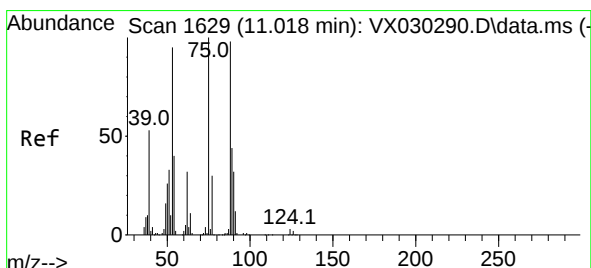
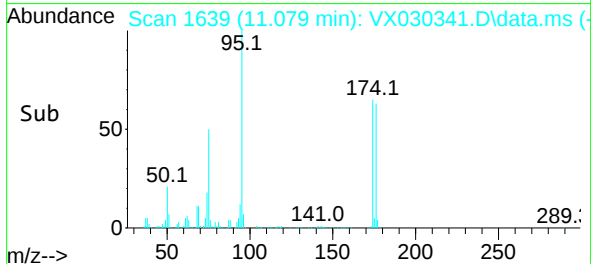
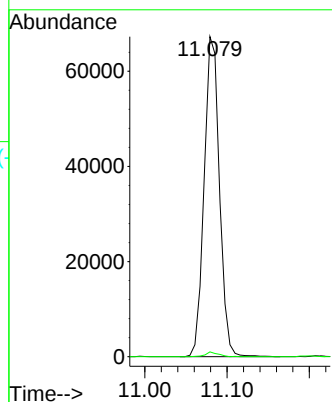
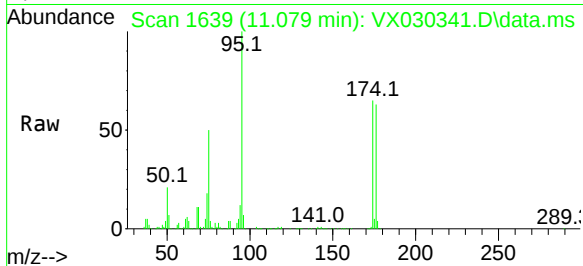




#76
1,2,3-Trichloropropane
Concen: 22.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBL01

Tgt Ion: 75 Resp: 87235
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030341.D
Acq: 02 Aug 2022 10:30

Tgt Ion: 75 Resp: 87235
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

