

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030753.D
 Acq On : 23 Aug 2022 23:54
 Operator : JC/MD
 Sample : N4245-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20220817

Quant Time: Sep 06 03:03:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

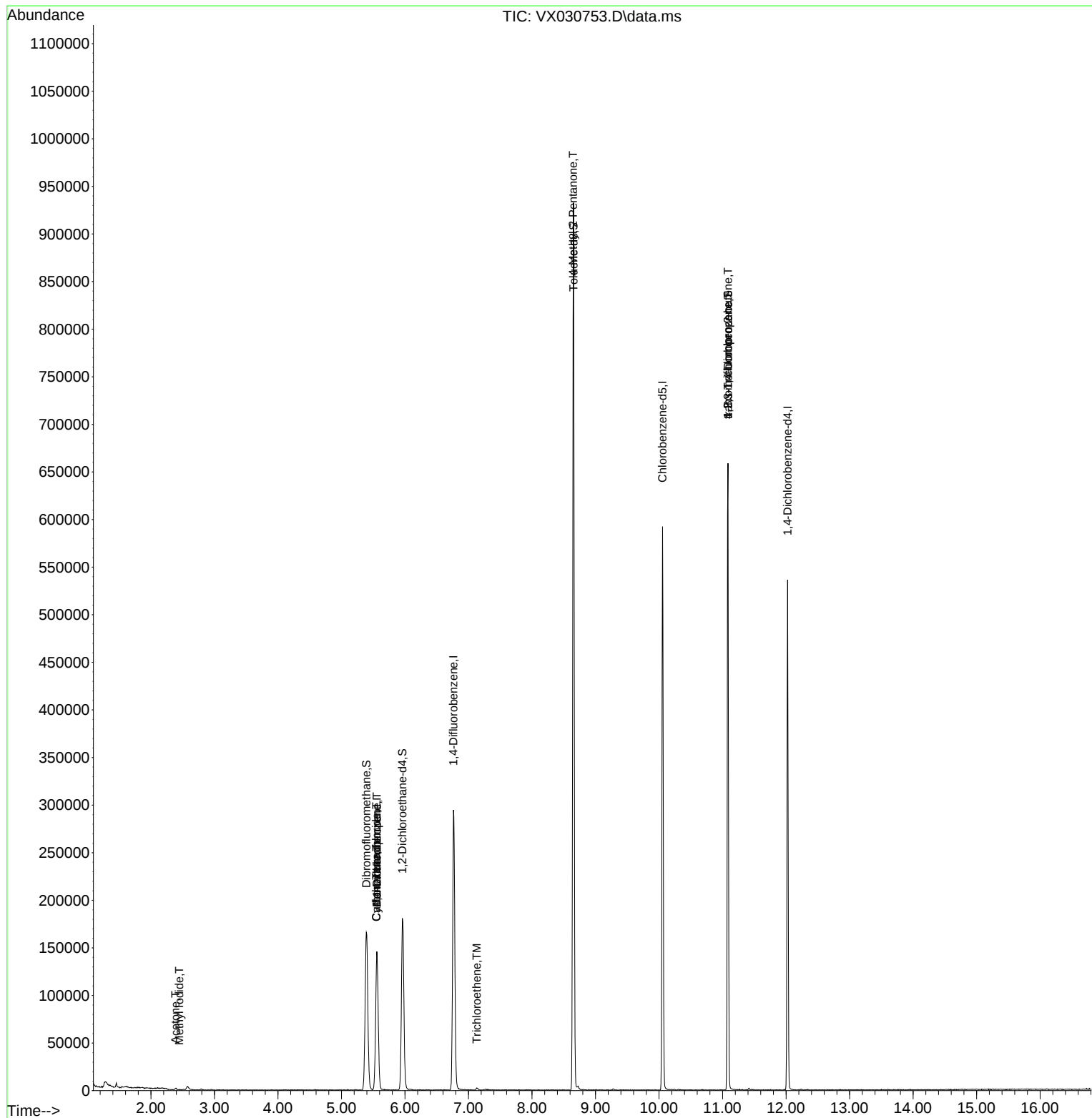
Internal Standards						
1) Pentafluorobenzene	5.556	168	134523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169947	62.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.700%#			
35) Dibromofluoromethane	5.391	113	155213	51.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	8.653	98	567652	49.096	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.200%			
62) 4-Bromofluorobenzene	11.085	95	189027	44.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	295	Below Cal	#	78
10) Methyl Iodide	2.447	142	273	1.651	ug/l #	66
16) Acetone	2.386	43	1982	1.432	ug/l #	85
20) Methylene Chloride	2.788	84	454	Below Cal	#	77
31) Cyclohexane	5.550	56	2643	0.673	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11196	2.606	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13718	3.420	ug/l #	17
44) Trichloroethene	7.129	130	890	0.241	ug/l	74
51) 4-Methyl-2-Pentanone	8.647	43	1831	0.302	ug/l #	1
67) Ethyl Benzene	10.207	91	231	Below Cal		97
76) 1,2,3-Trichloropropane	11.085	75	89140	30.373	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	89140	91.116	ug/l #	13

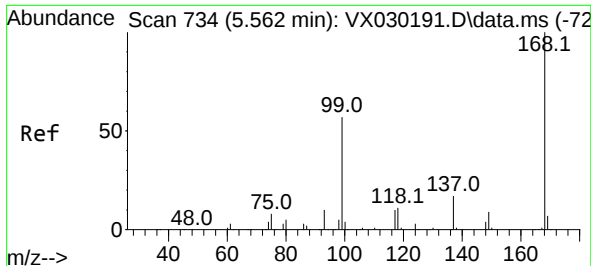
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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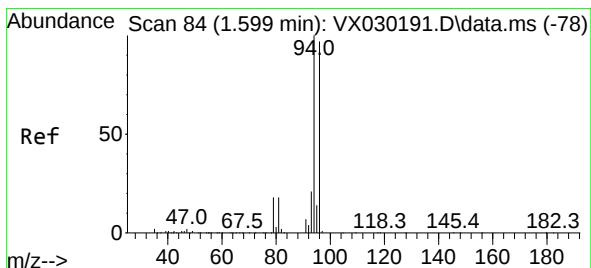
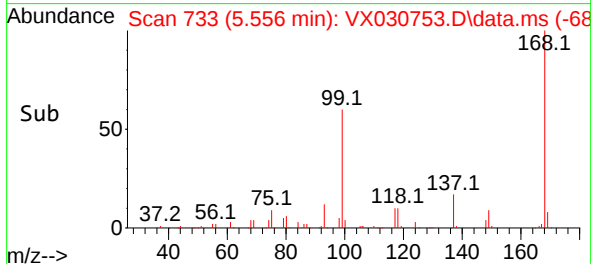
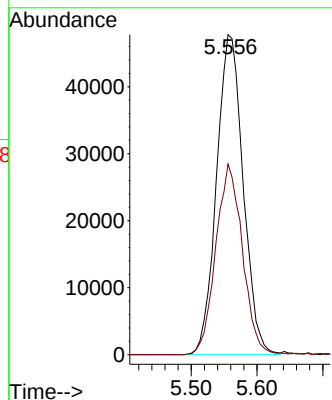
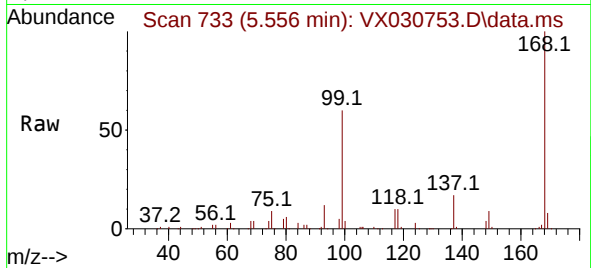




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

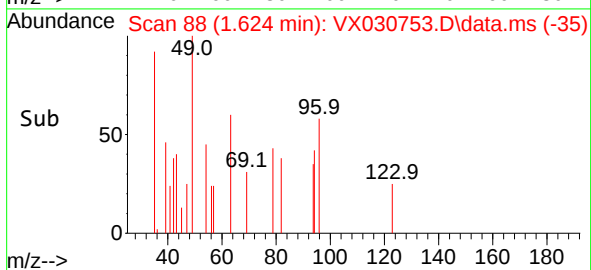
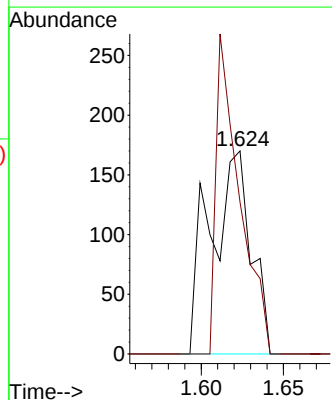
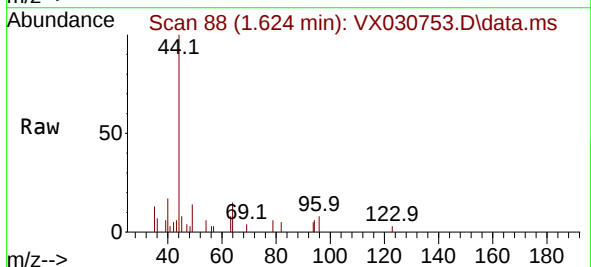
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

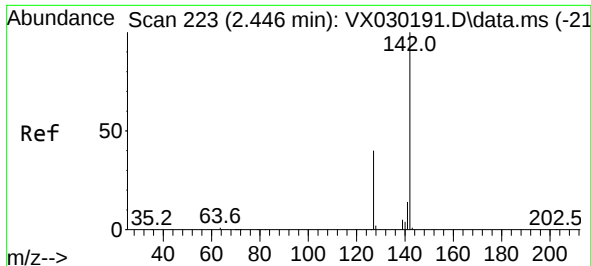
Tgt Ion:168 Resp: 134523
Ion Ratio Lower Upper
168 100
99 59.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

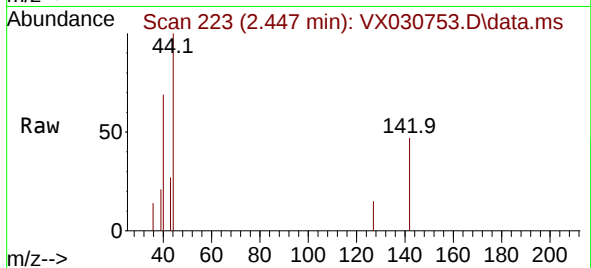
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 74.7 76.9 115.3#



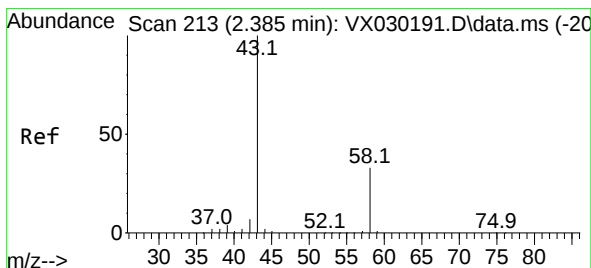
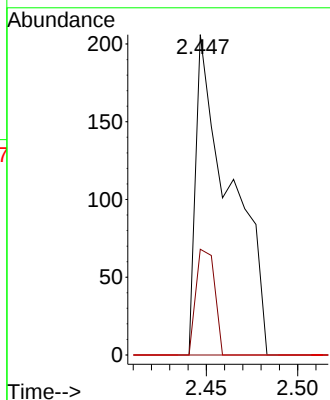
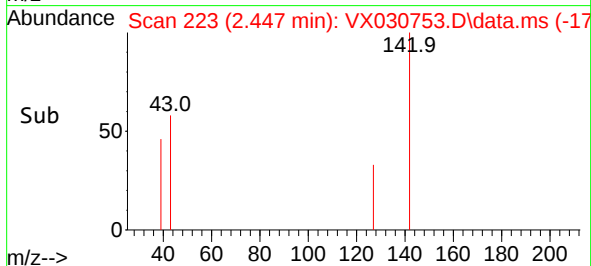


#10
Methyl Iodide
Concen: 1.651 ug/l
RT: 2.447 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

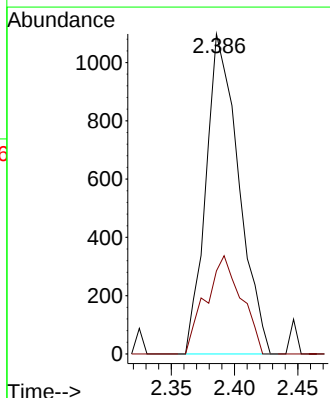
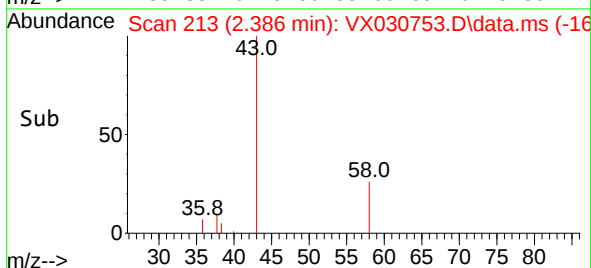
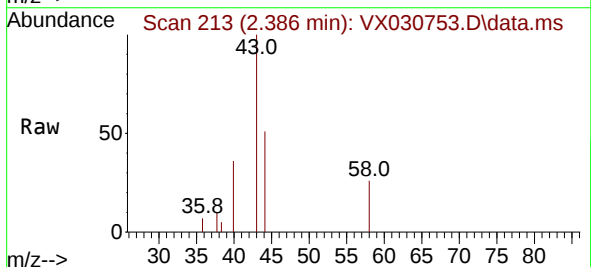


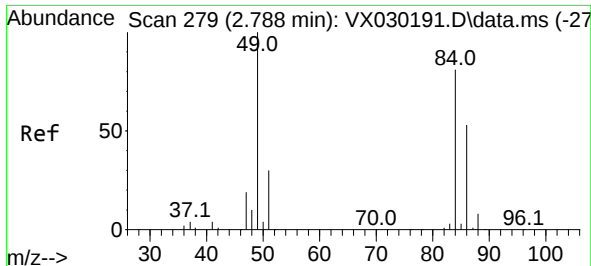
Tgt Ion:142 Resp: 273
Ion Ratio Lower Upper
142 100
127 17.6 30.2 45.2#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 1.432 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

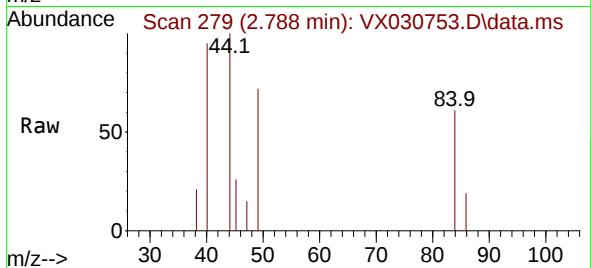
Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
58 26.0 27.7 41.5#



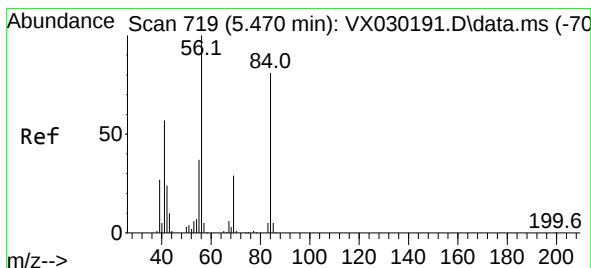
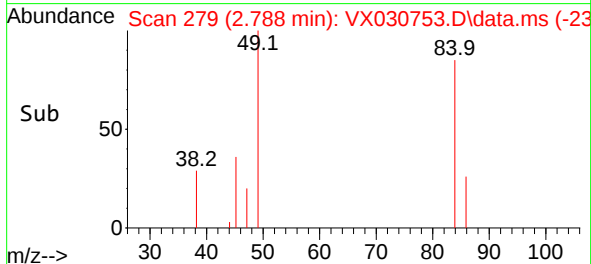
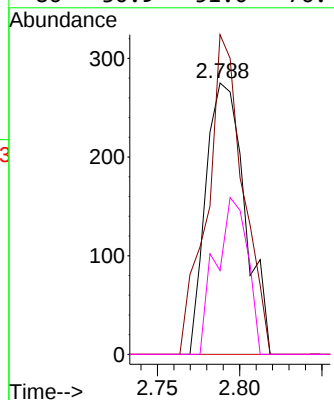


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

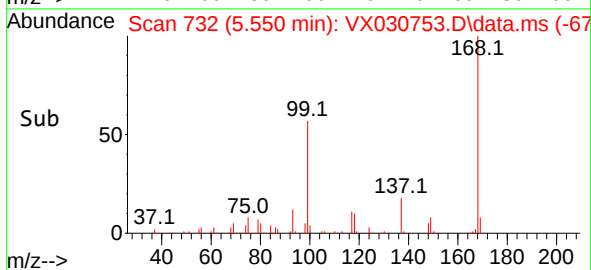
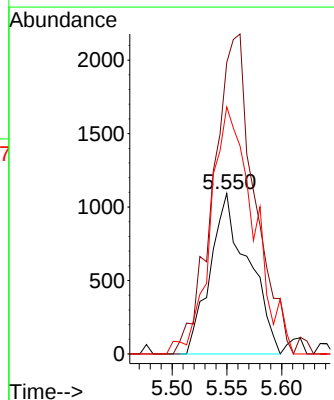
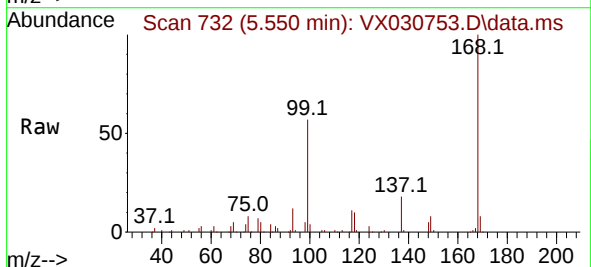


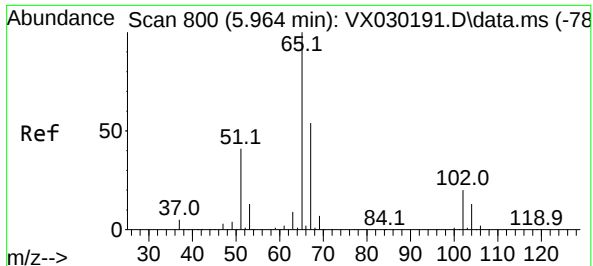
Tgt Ion:	84	Resp:	454
Ion	Ratio	Lower	Upper
84	100		
49	117.8	93.8	140.6
51	0.0	29.4	44.0#
86	30.9	51.0	76.4#



#31
Cyclohexane
Concen: 0.673 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Tgt Ion:	56	Resp:	2643
Ion	Ratio	Lower	Upper
56	100		
69	173.8	25.4	38.0#
84	146.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 62.854 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030753.D

Acq: 23 Aug 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

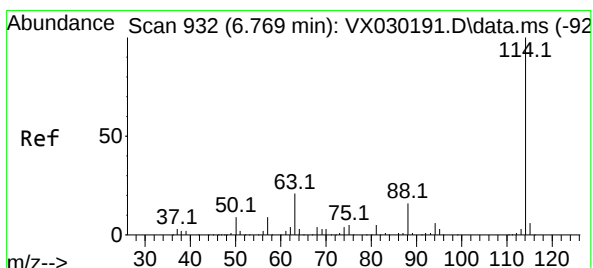
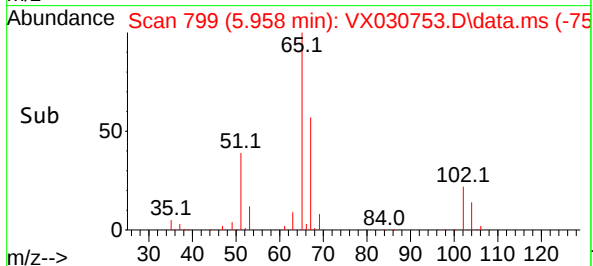
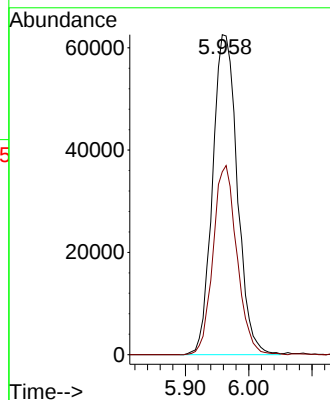
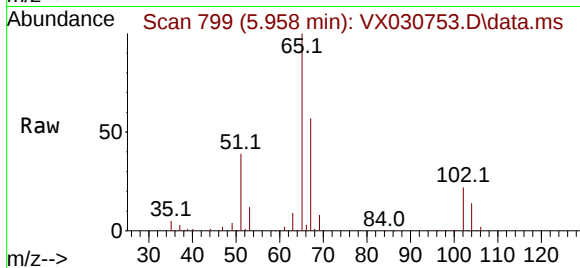
TT163S1-20220817

Tgt Ion: 65 Resp: 169947

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030753.D

Acq: 23 Aug 2022 23:54

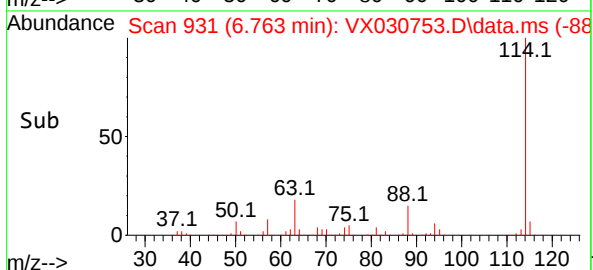
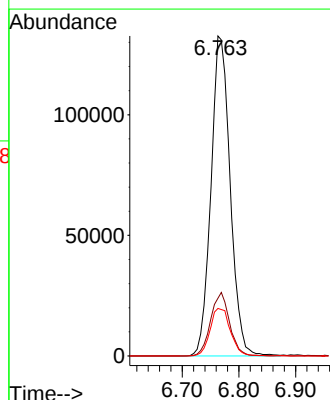
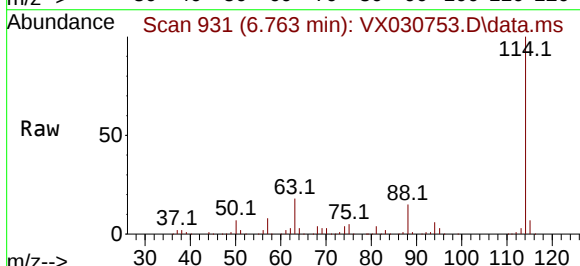
Tgt Ion: 114 Resp: 312317

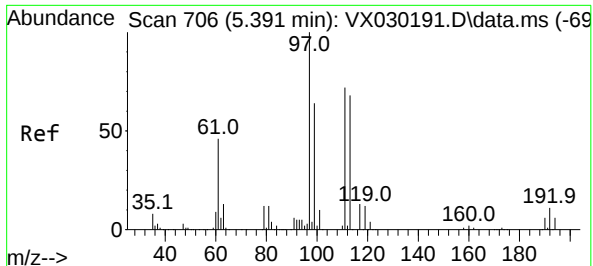
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.987 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030753.D

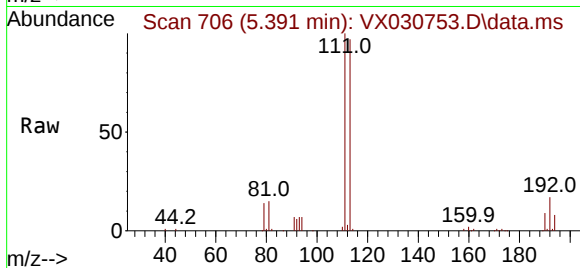
Acq: 23 Aug 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

TT163S1-20220817



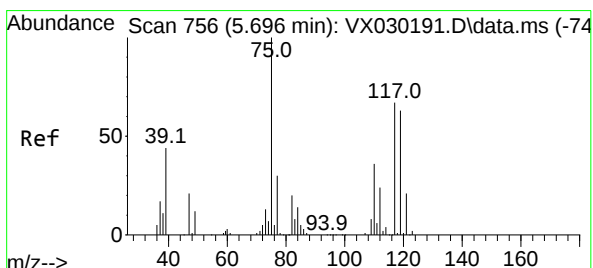
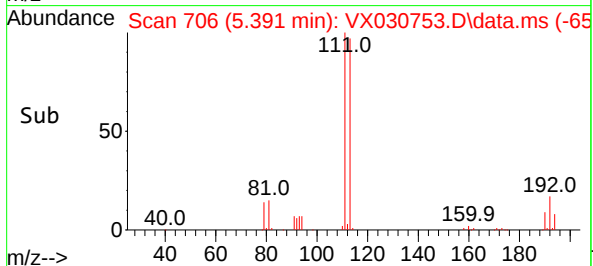
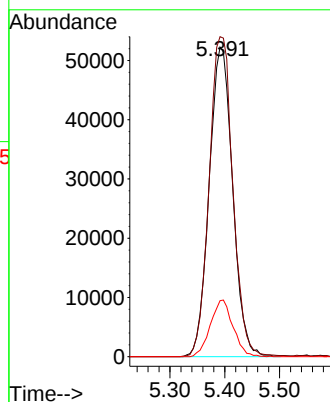
Tgt Ion:113 Resp: 155213

Ion Ratio Lower Upper

113 100

111 104.3 83.2 124.8

192 17.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.606 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030753.D

Acq: 23 Aug 2022 23:54

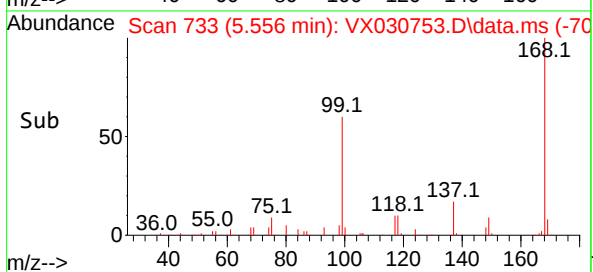
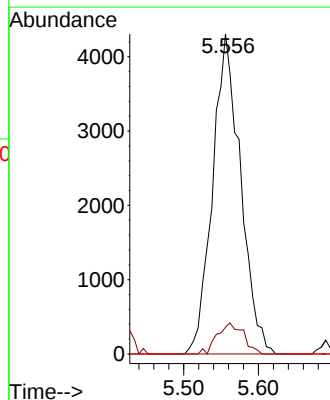
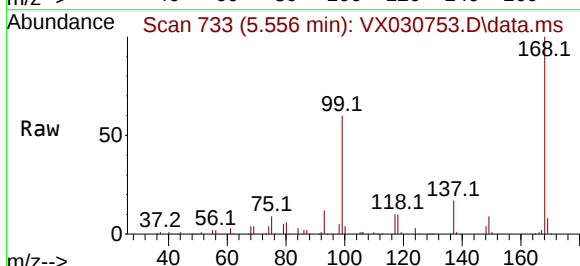
Tgt Ion: 75 Resp: 11196

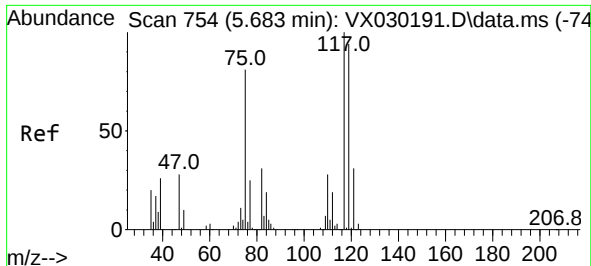
Ion Ratio Lower Upper

75 100

110 9.1 19.3 57.9#

77 0.0 24.4 36.6#

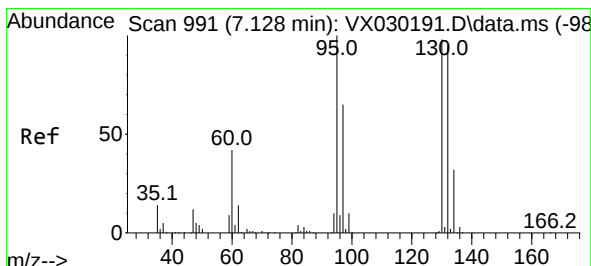
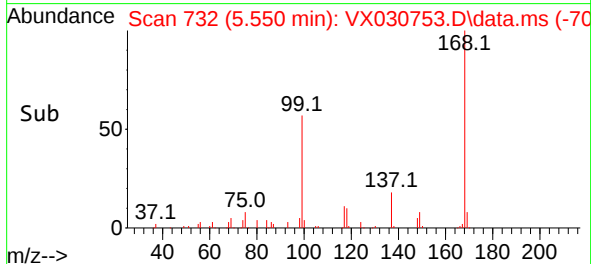
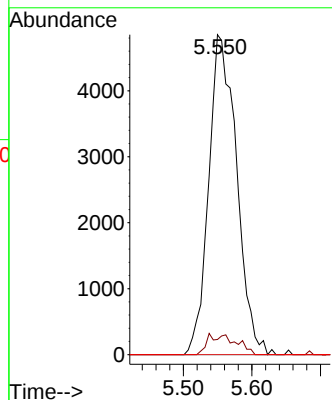
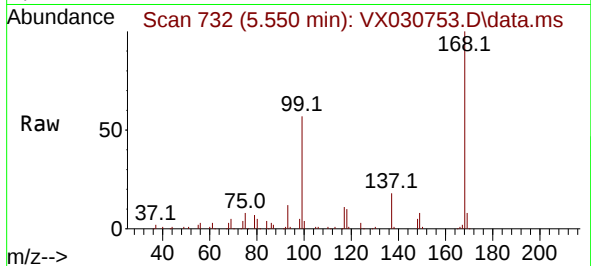




#38
Carbon Tetrachloride
Concen: 3.420 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

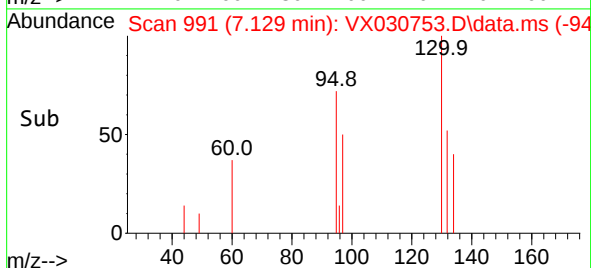
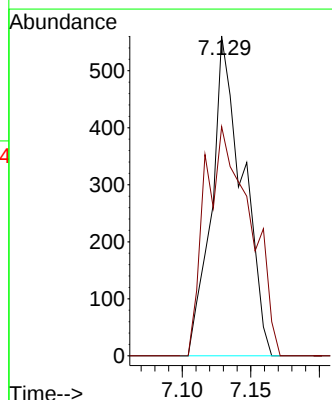
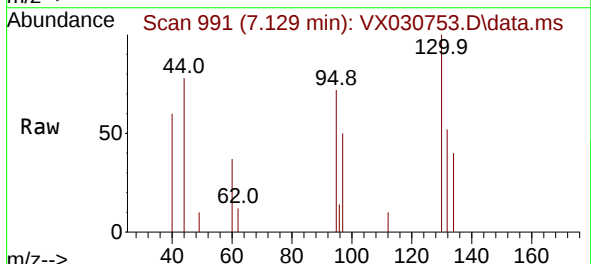
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TT163S1-20220817

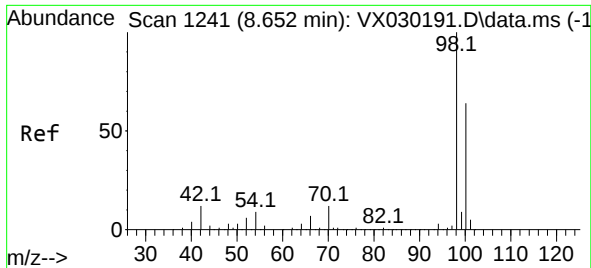
Tgt Ion:117 Resp: 13718
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.241 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Tgt Ion:130 Resp: 890
Ion Ratio Lower Upper
130 100
95 71.7 0.0 194.8

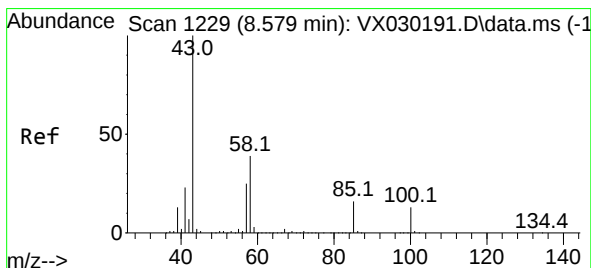
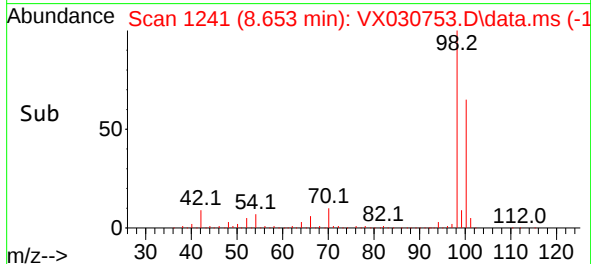
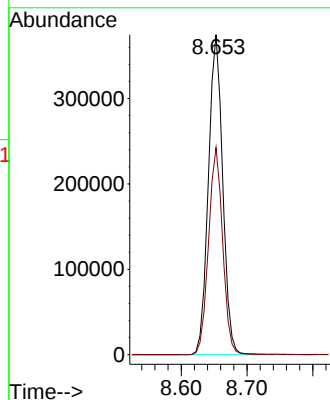
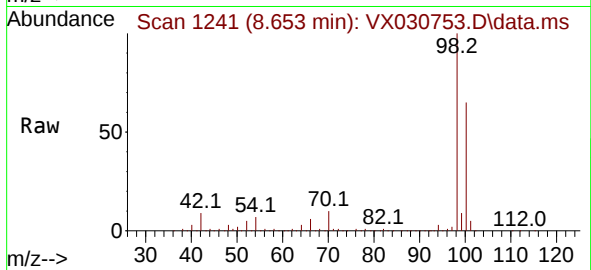




#50
Toluene-d8
Concen: 49.096 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

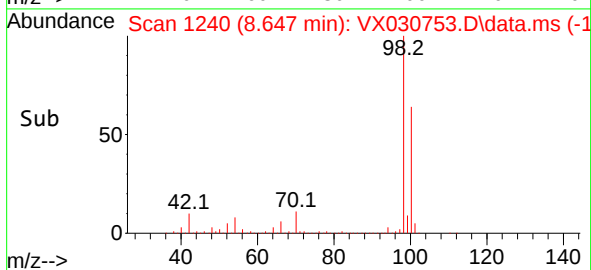
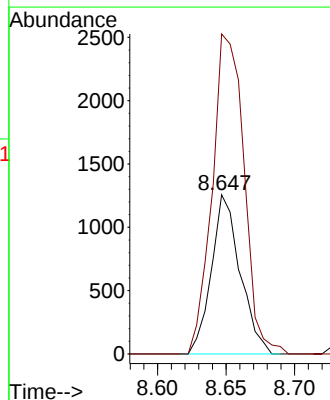
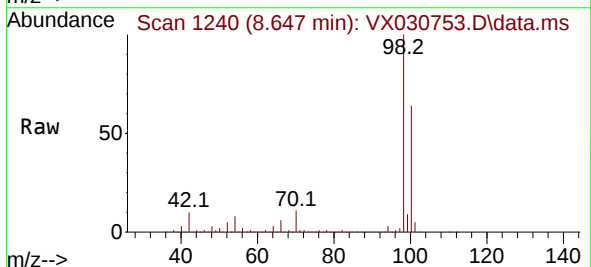
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

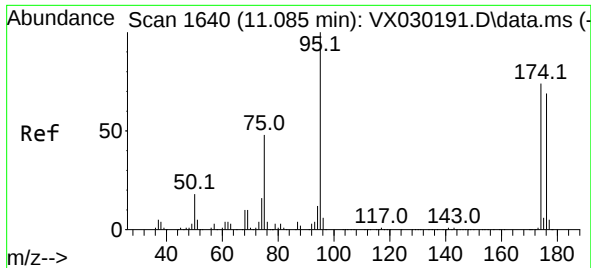
Tgt Ion: 98 Resp: 567652
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.302 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.068 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 222.9 31.4 47.2#

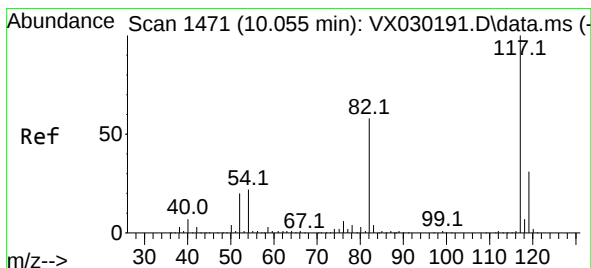
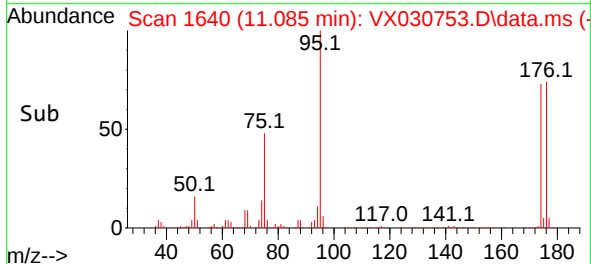
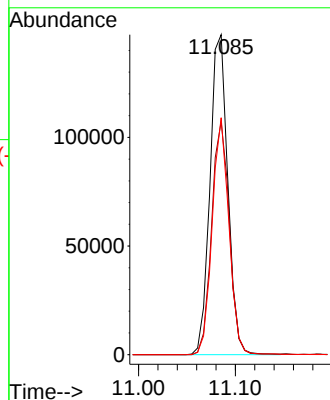
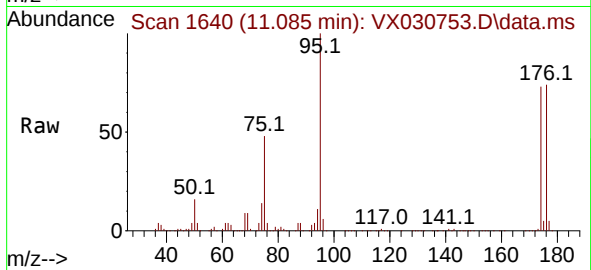




#62
4-Bromofluorobenzene
Concen: 44.052 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

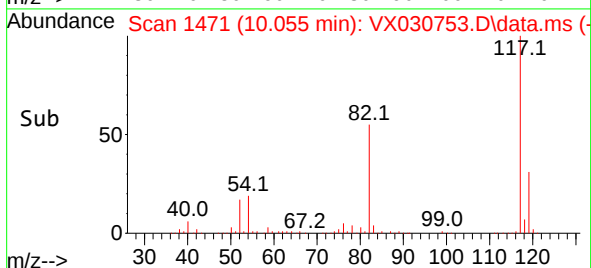
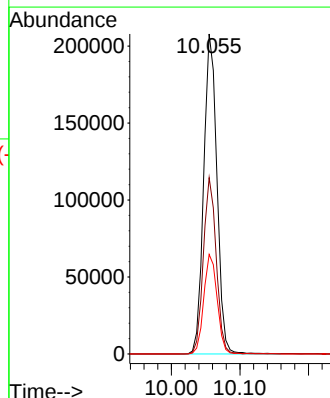
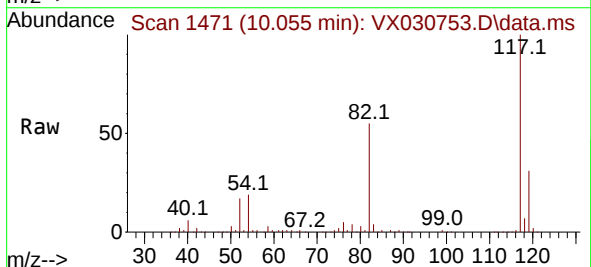
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

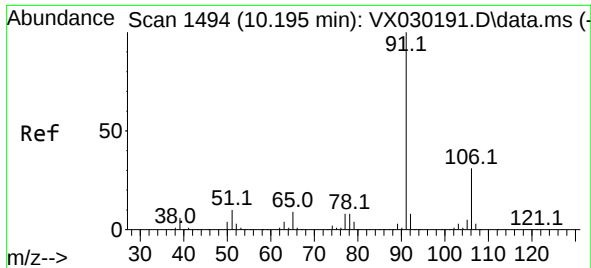
Tgt Ion: 95 Resp: 189027
Ion Ratio Lower Upper
95 100
174 72.2 0.0 149.0
176 69.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Tgt Ion: 117 Resp: 280133
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 31.1 25.4 38.2

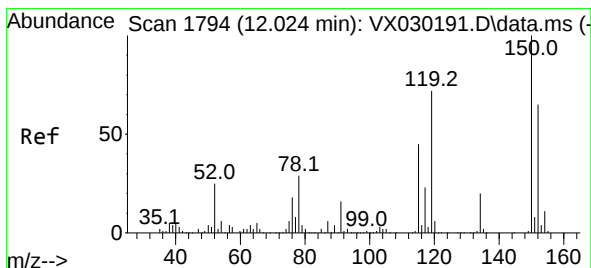
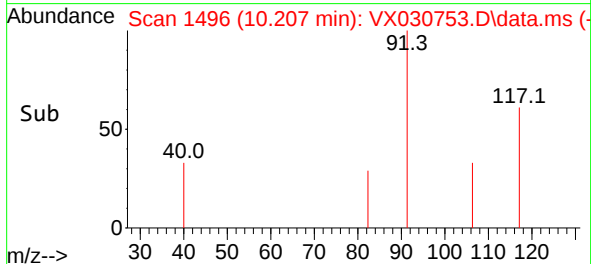
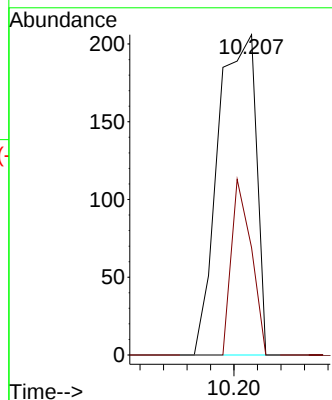
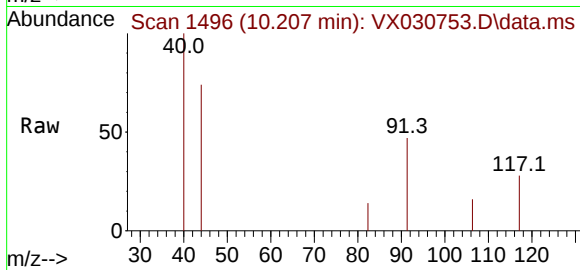




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

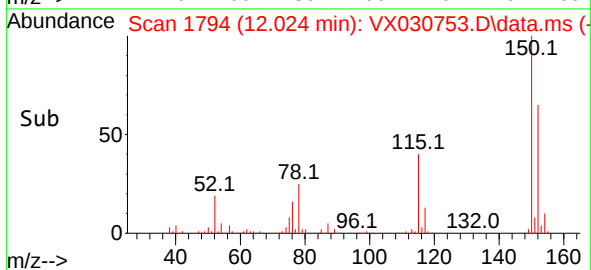
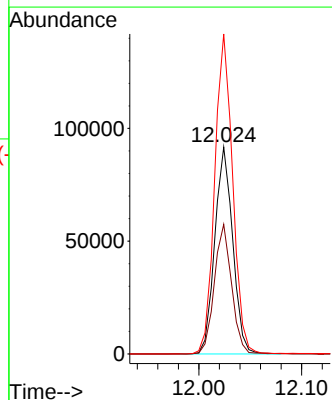
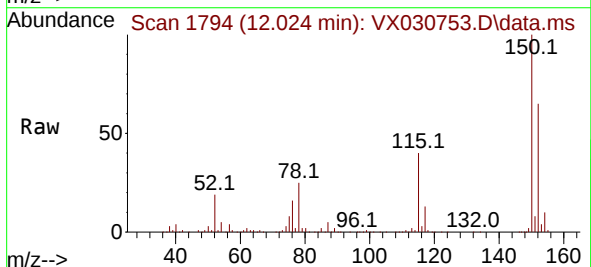
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

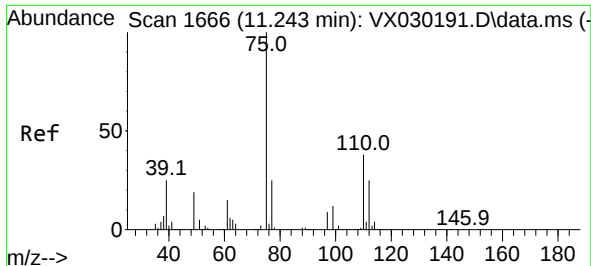
Tgt Ion: 91 Resp: 231
Ion Ratio Lower Upper
91 100
106 33.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Tgt Ion: 152 Resp: 111340
Ion Ratio Lower Upper
152 100
115 60.3 40.5 121.5
150 154.5 0.0 347.0

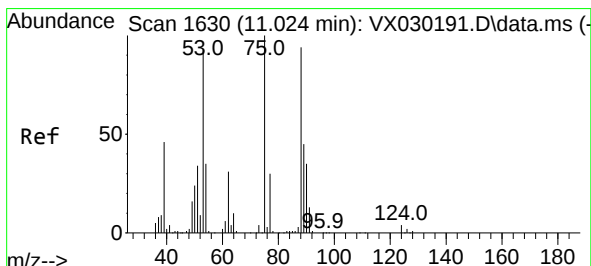
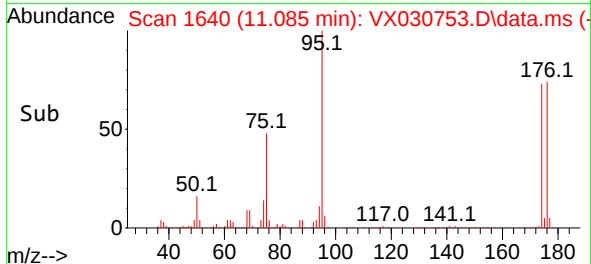
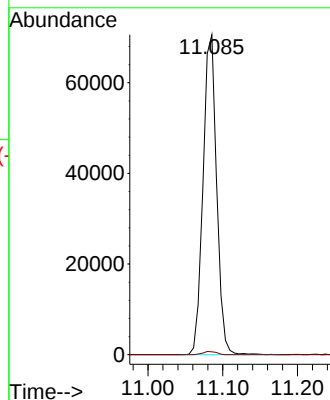
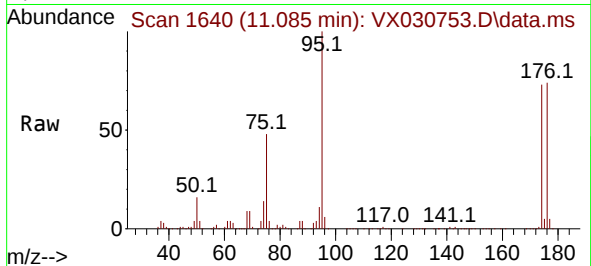




#76
1,2,3-Trichloropropane
Concen: 30.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

Tgt Ion: 75 Resp: 89140
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.116 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030753.D
Acq: 23 Aug 2022 23:54

Tgt Ion: 75 Resp: 89140
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

