

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022241.D
 Acq On : 27 May 2021 18:38
 Operator : JC/MD
 Sample : M2526-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210525

Quant Time: May 28 01:34:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

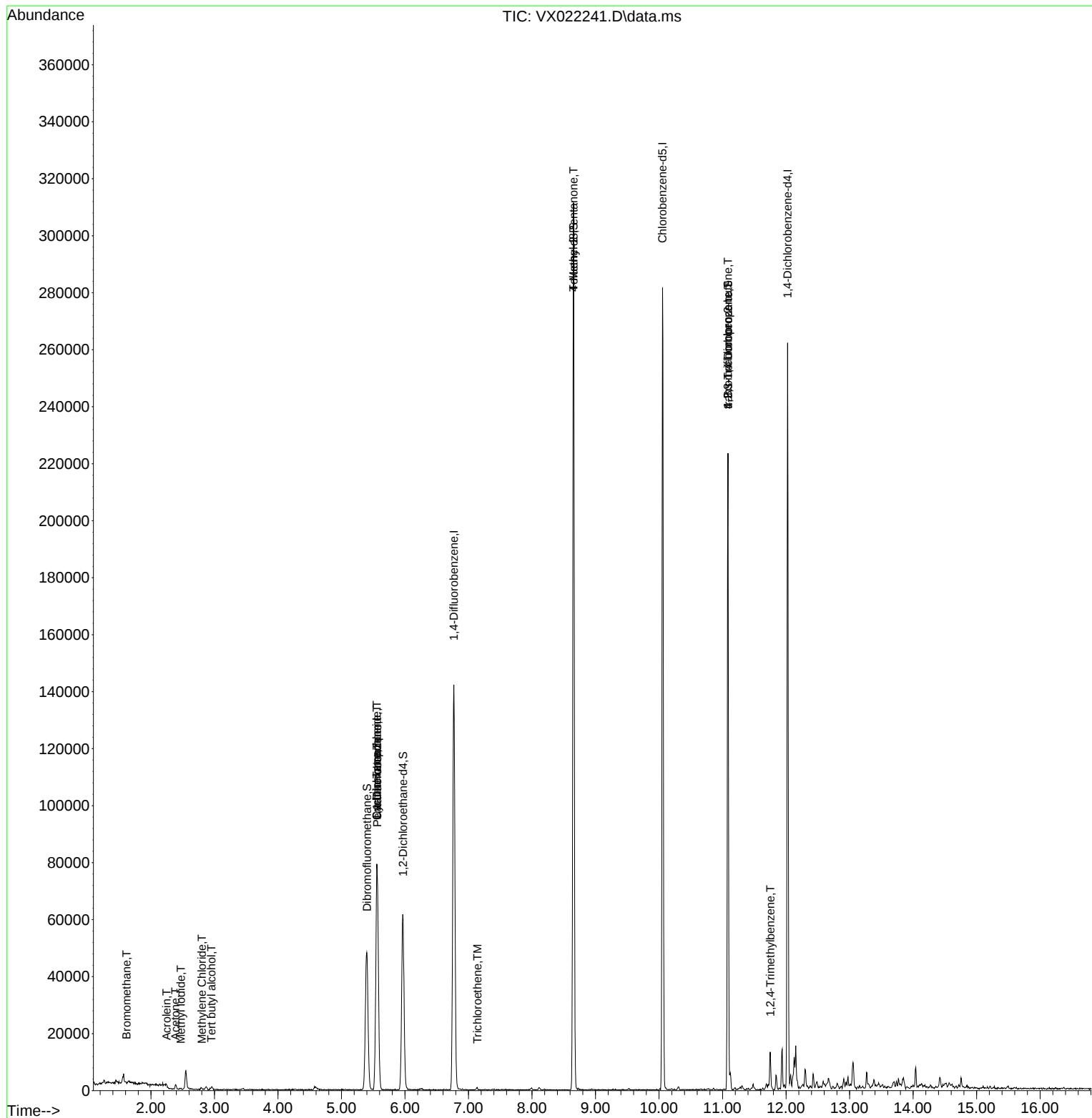
Internal Standards						
1) Pentafluorobenzene	5.562	168	69226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56432	52.85	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.70%
35) Dibromofluoromethane	5.403	113	43222	47.63	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.26%
50) Toluene-d8	8.653	98	174667	49.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.92%
62) 4-Bromofluorobenzene	11.085	95	59837	46.31	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.62%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	334	0.60	ug/l #	36
10) Methyl Iodide	2.471	142	323	0.37	ug/l #	88
11) Tert butyl alcohol	2.953	59	654	2.68	ug/l #	73
13) Acrolein	2.245	56	46	0.28	ug/l #	1
16) Acetone	2.386	43	1687	3.63	ug/l	98
20) Methylene Chloride	2.800	84	220	0.21	ug/l #	55
31) Cyclohexane	5.556	56	1926	1.44	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	6506	4.92	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7961	6.15	ug/l #	15
44) Trichloroethene	7.141	130	357	0.35	ug/l	65
51) 4-Methyl-2-Pentanone	8.653	43	897	0.56	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30863	26.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30863	62.54	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	843	0.25	ug/l #	59

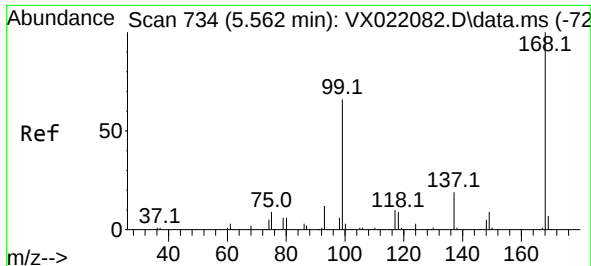
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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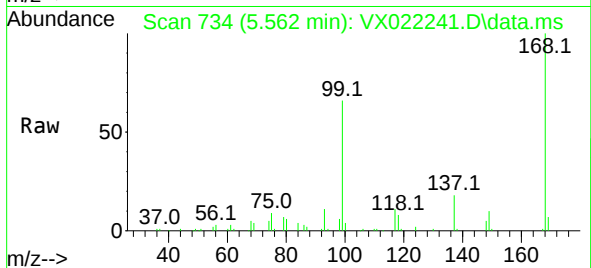
Quant Time: May 28 01:34:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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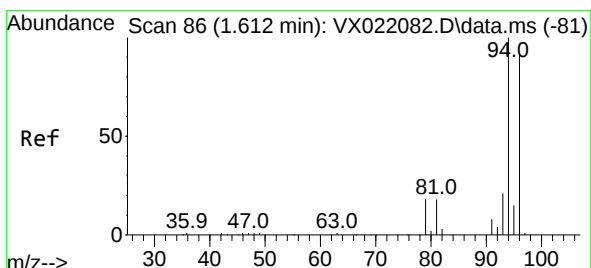
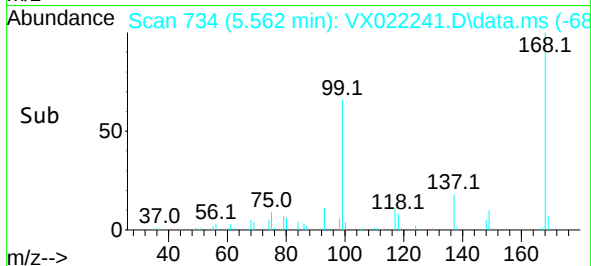
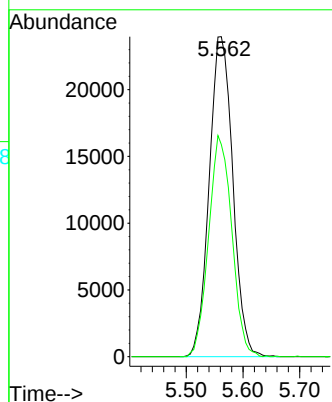


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210525

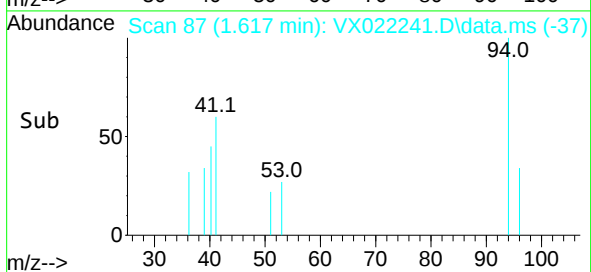
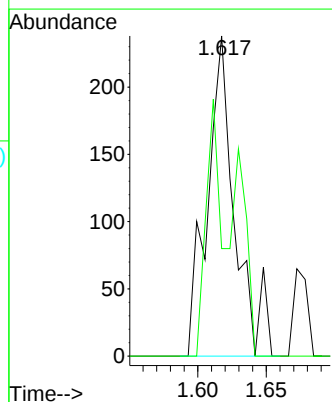
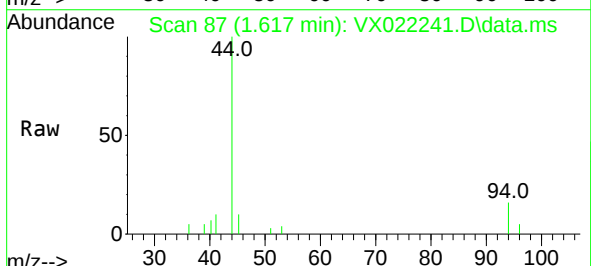


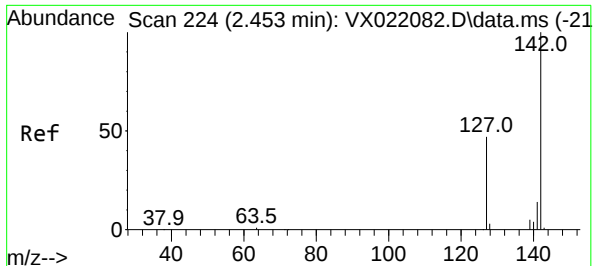
Tgt Ion:168 Resp: 69226
Ion Ratio Lower Upper
168 100
99 66.3 45.8 68.6



#5
Bromomethane
Concen: 0.60 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

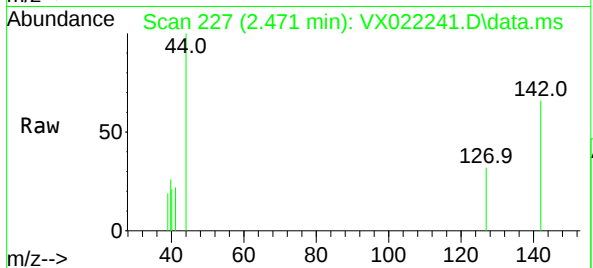
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 33.6 76.4 114.6#



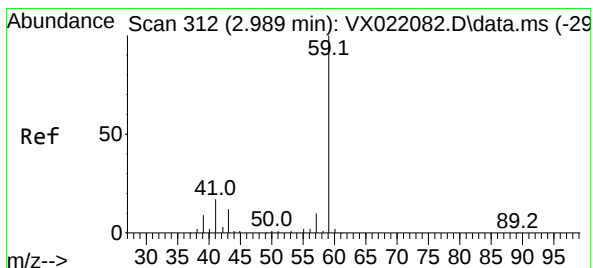
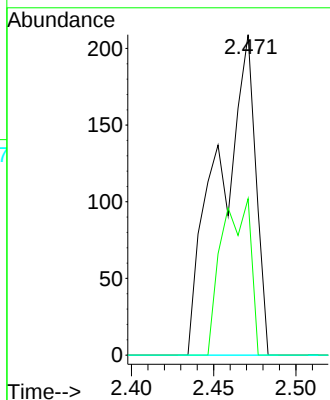
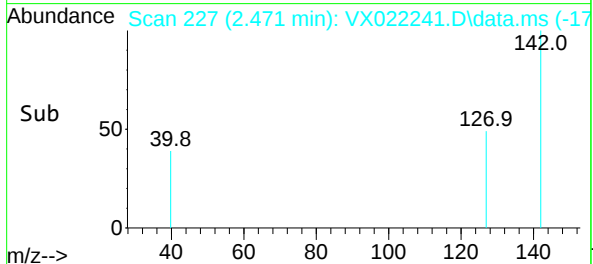


#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

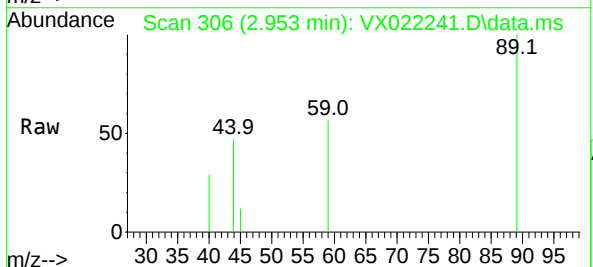
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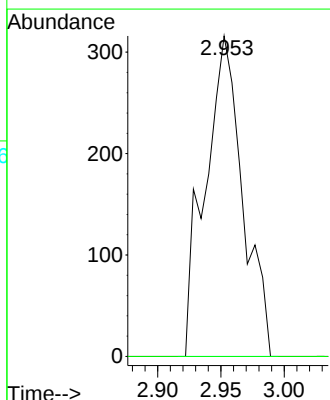
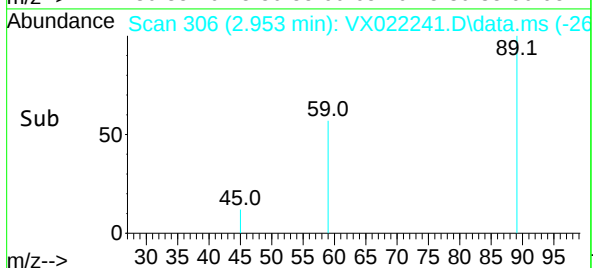
Tgt Ion:142 Resp: 323
Ion Ratio Lower Upper
142 100
127 38.7 33.3 49.9
141 0.0 11.4 17.0#

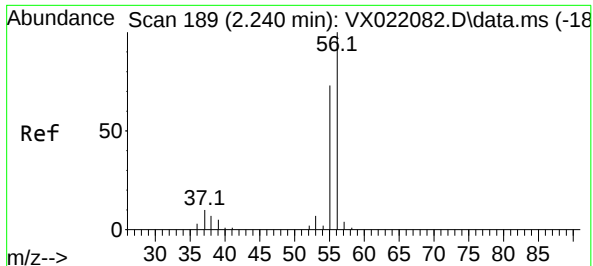


#11
Tert butyl alcohol
Concen: 2.68 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38



Tgt Ion: 59 Resp: 654
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

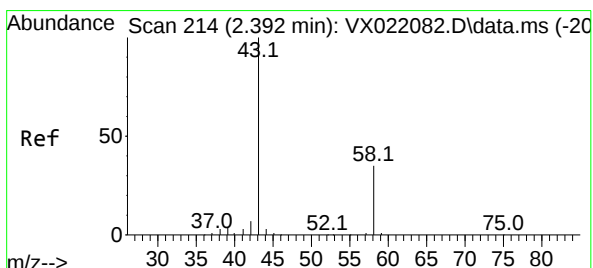
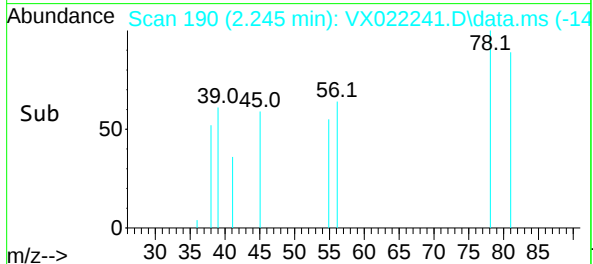
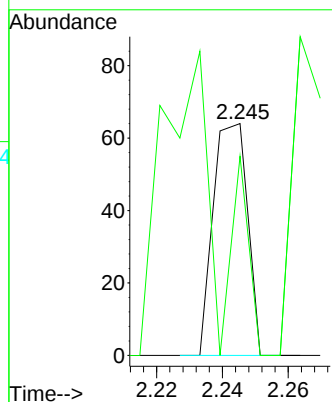
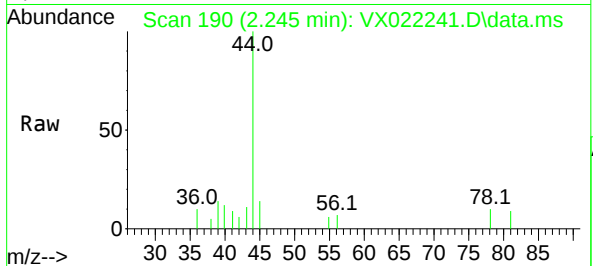




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

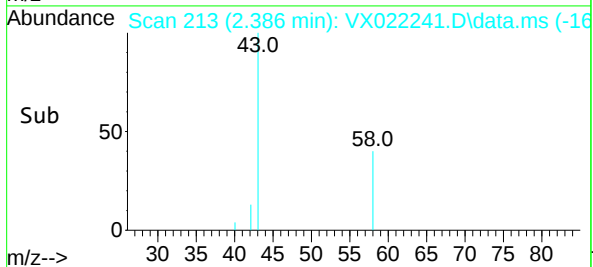
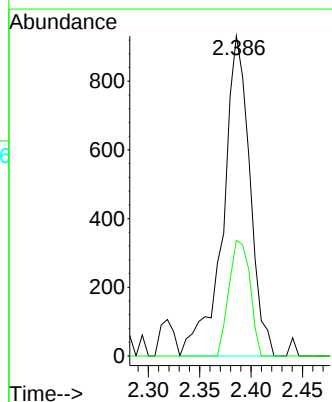
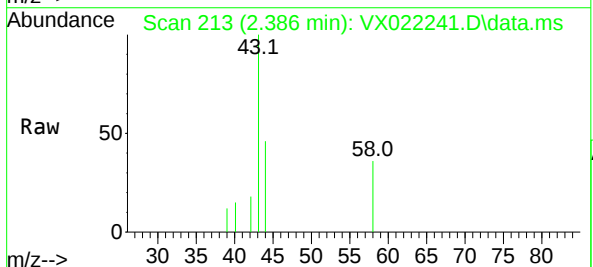
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210525

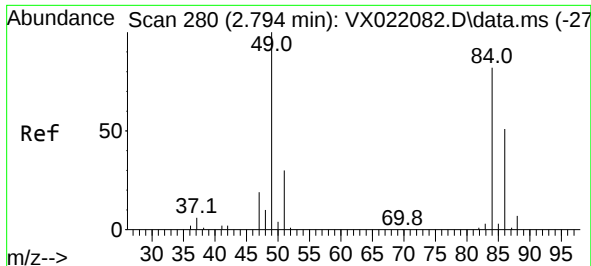
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 213.0 56.4 84.6#



#16
Acetone
Concen: 3.63 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8





#20

Methylene Chloride

Concen: 0.21 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022241.D

Acq: 27 May 2021 18:38

Instrument :

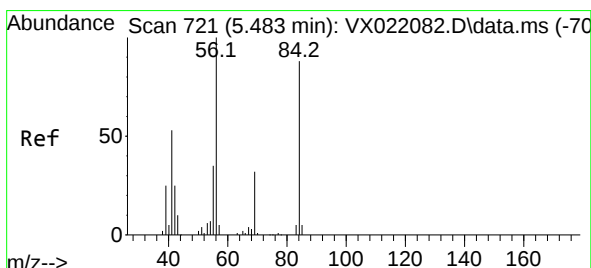
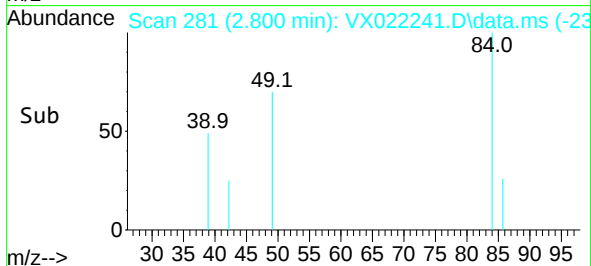
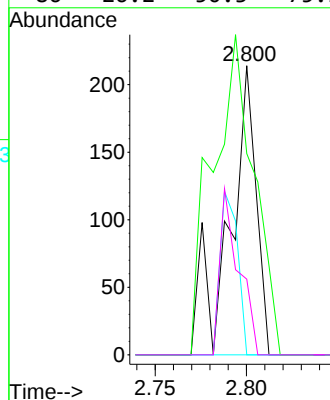
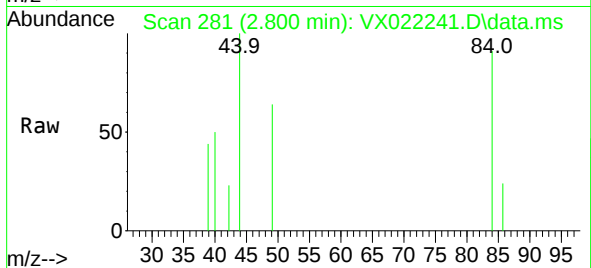
MSVOA_X

ClientSampleId :

DUP01-20210525

Tgt Ion: 84 Resp: 220

Ion	Ratio	Lower	Upper
84	100		
49	69.6	88.6	132.8#
51	0.0	27.0	40.6#
86	26.2	50.3	75.5#



#31

Cyclohexane

Concen: 1.44 ug/l

RT: 5.556 min Scan# 733

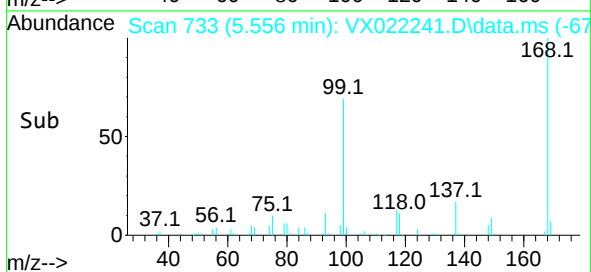
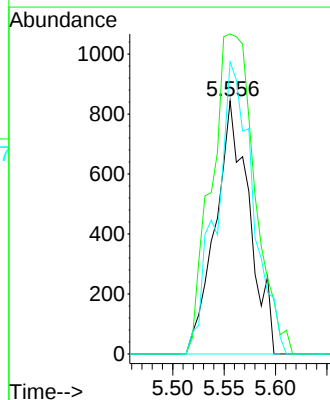
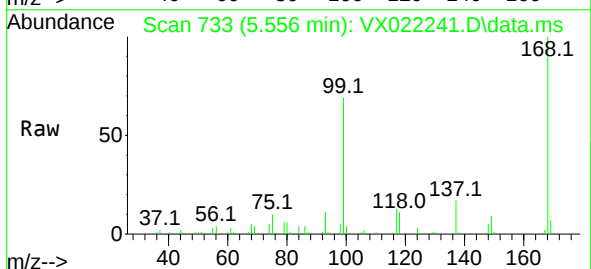
Delta R.T. 0.073 min

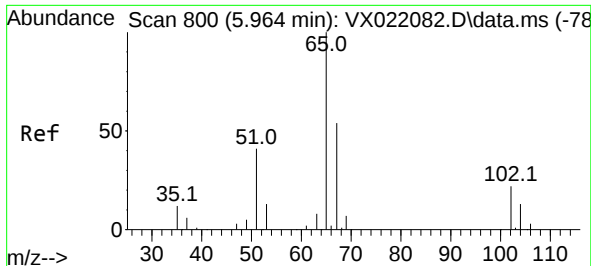
Lab File: VX022241.D

Acq: 27 May 2021 18:38

Tgt Ion: 56 Resp: 1926

Ion	Ratio	Lower	Upper
56	100		
69	126.4	25.3	37.9#
84	115.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.85 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022241.D

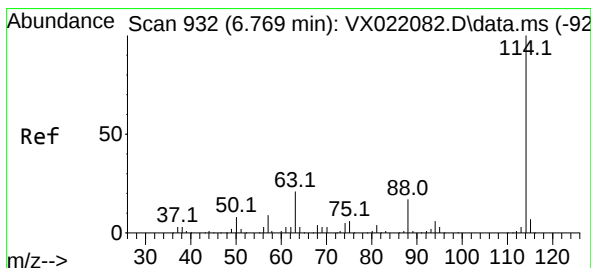
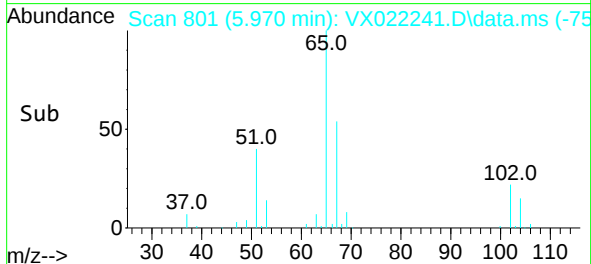
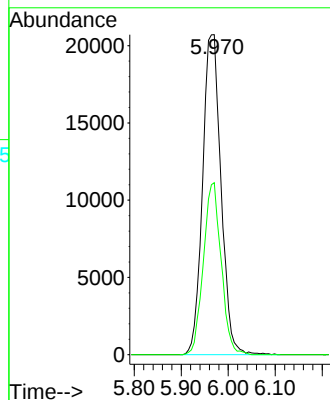
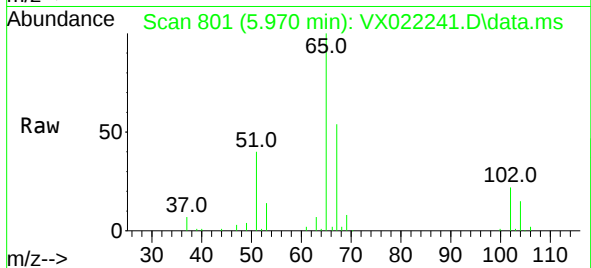
Acq: 27 May 2021 18:38

Tgt Ion: 65 Resp: 56432

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022241.D

Acq: 27 May 2021 18:38

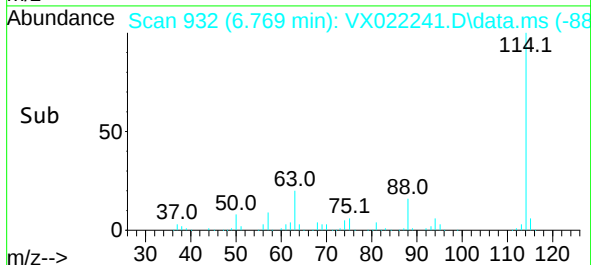
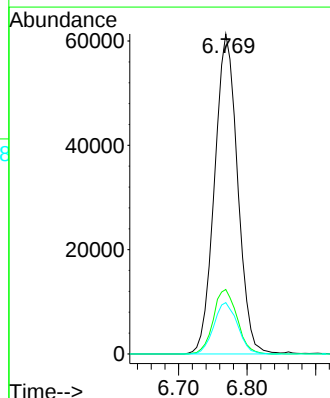
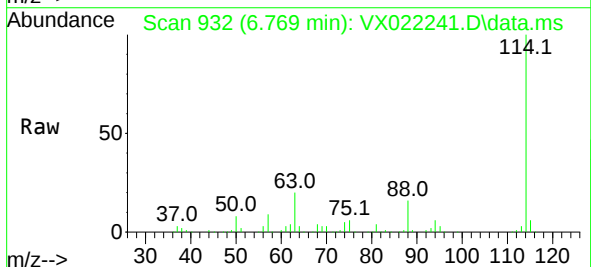
Tgt Ion: 114 Resp: 143107

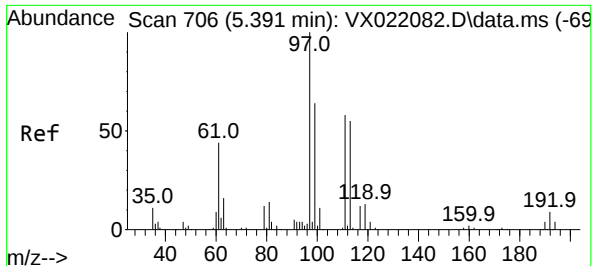
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.63 ug/l

RT: 5.403 min Scan# 708

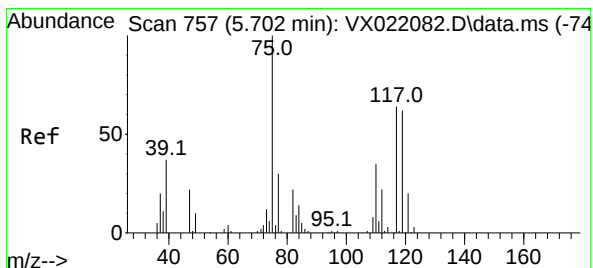
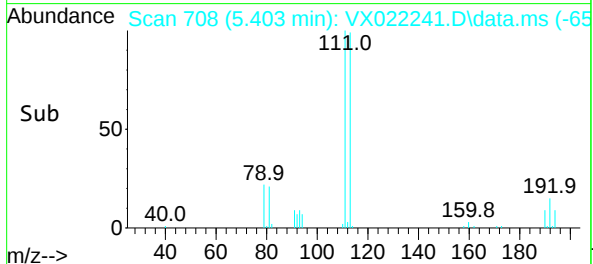
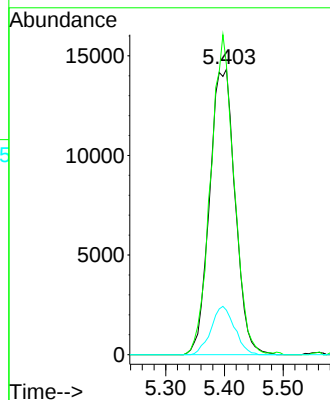
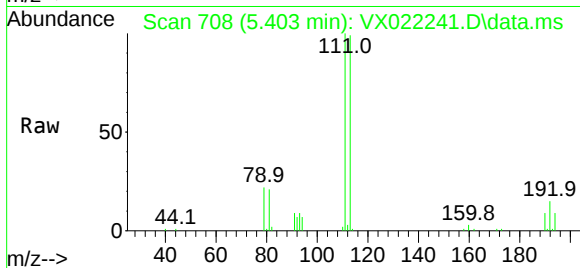
Delta R.T. 0.012 min

Lab File: VX022241.D

Acq: 27 May 2021 18:38

Tgt Ion:	113	Resp:	43222
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	15.6	16.7	25.1#

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#36

1,1-Dichloropropene

Concen: 4.92 ug/l

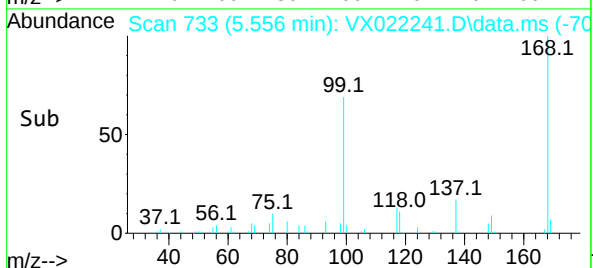
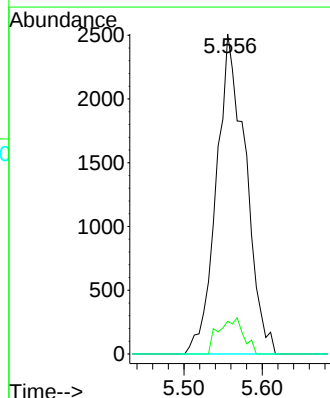
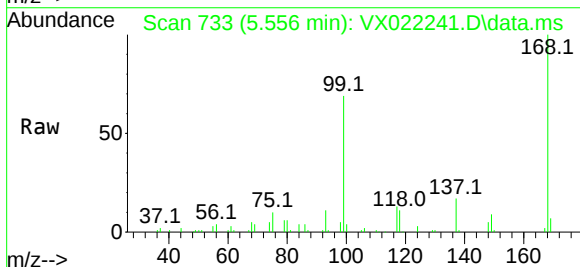
RT: 5.556 min Scan# 733

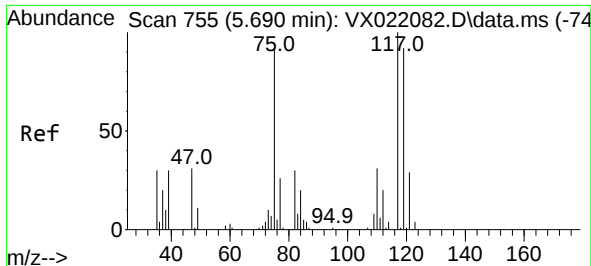
Delta R.T. -0.146 min

Lab File: VX022241.D

Acq: 27 May 2021 18:38

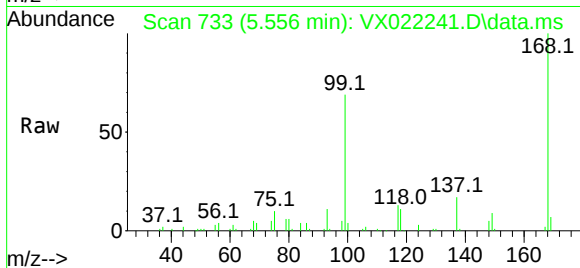
Tgt Ion:	75	Resp:	6506
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	25.3	37.9#



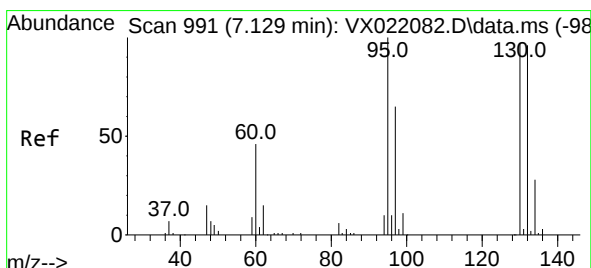
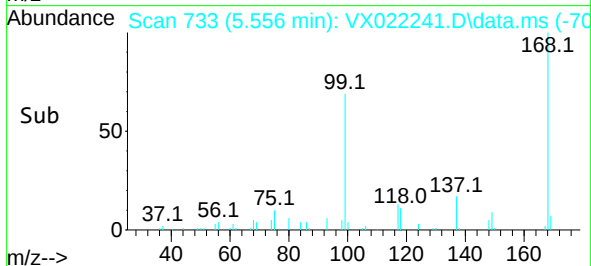
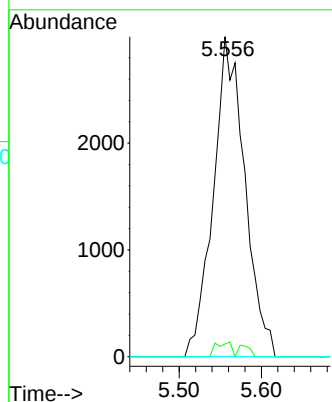


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210525

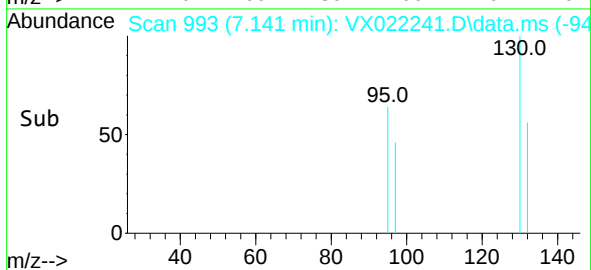
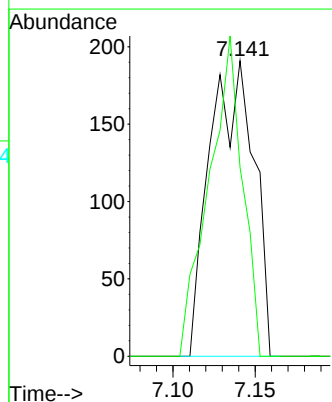
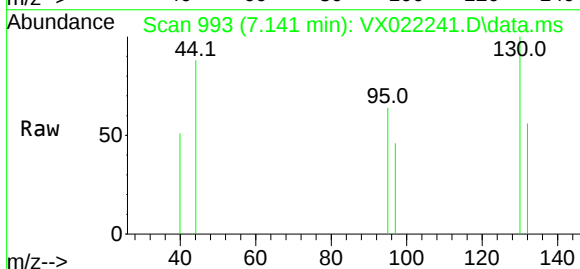


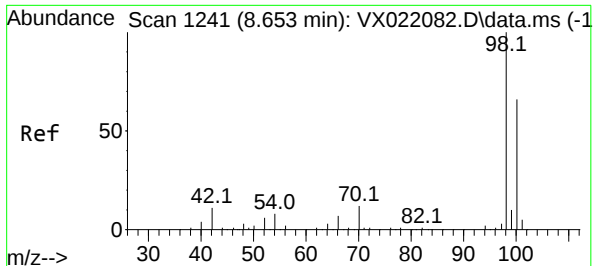
Tgt Ion:117 Resp: 7961
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.35 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Tgt Ion:130 Resp: 357
Ion Ratio Lower Upper
130 100
95 63.9 0.0 198.0

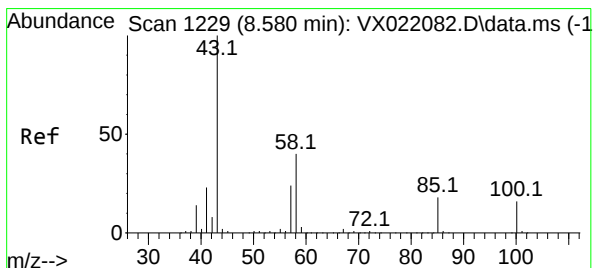
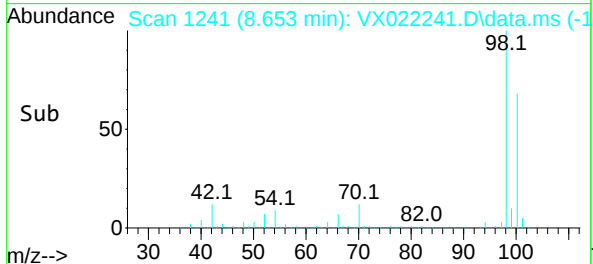
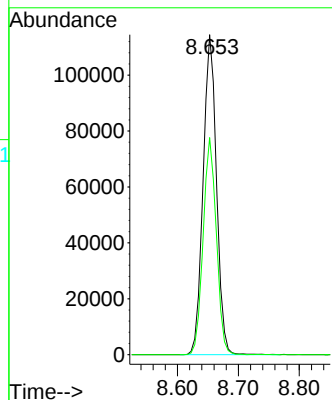
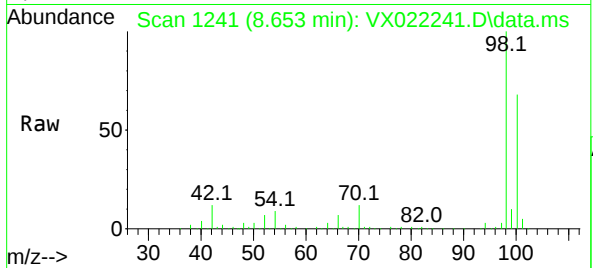




#50
Toluene-d8
Concen: 49.96 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

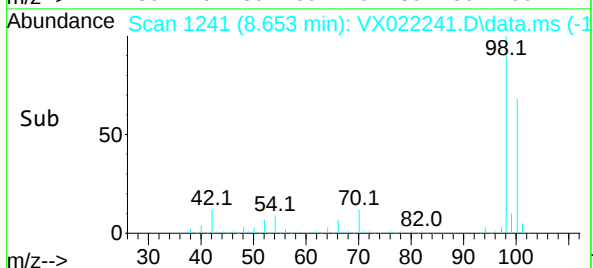
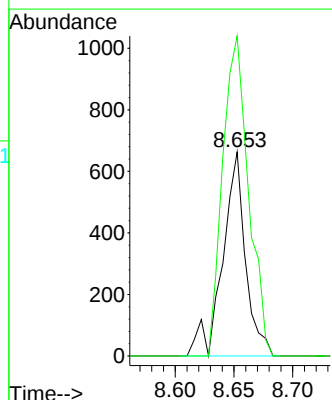
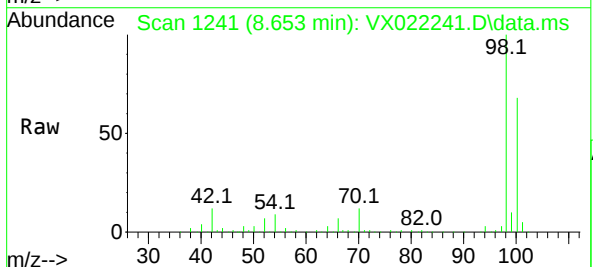
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210525

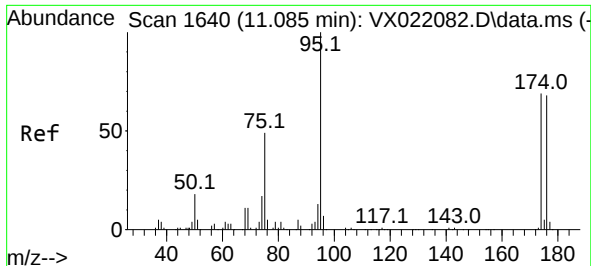
Tgt Ion: 98 Resp: 174667
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 177.1 35.4 53.0#

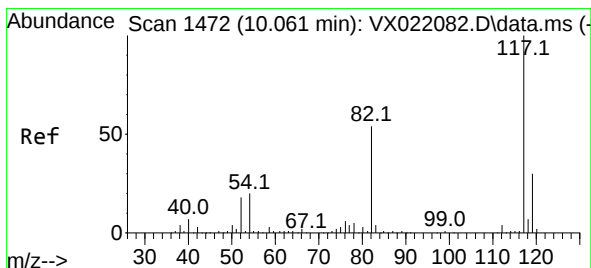
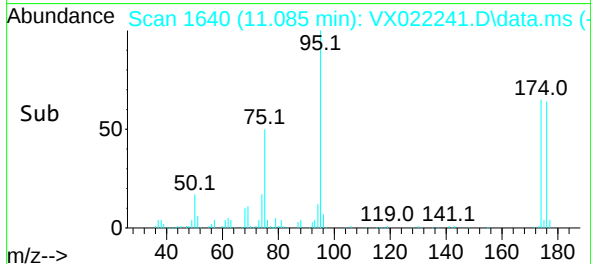
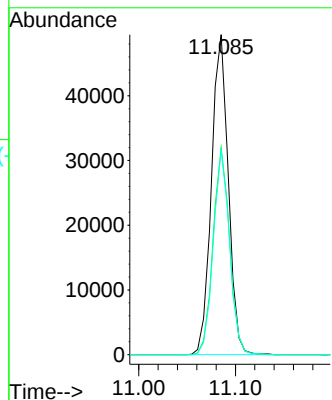
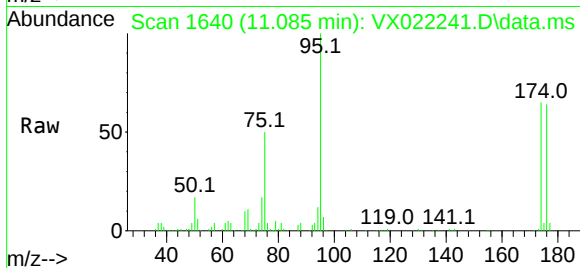




#62
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

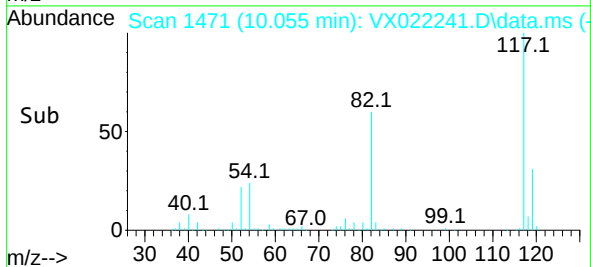
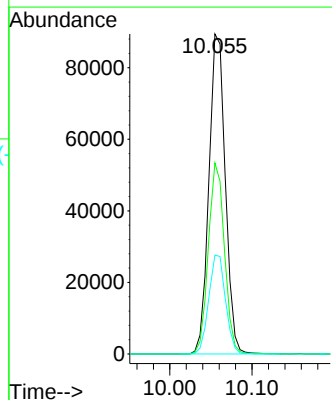
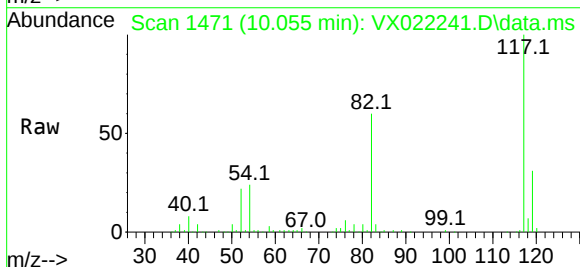
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210525

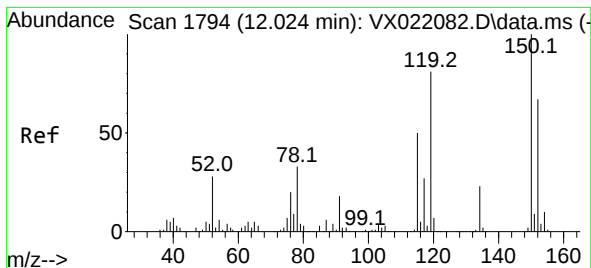
Tgt Ion: 95 Resp: 59837
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 61.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Tgt Ion: 117 Resp: 124052
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.9 26.6 39.8

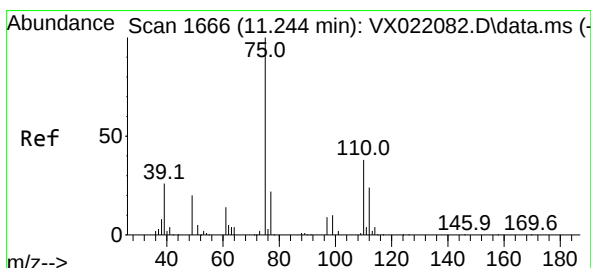
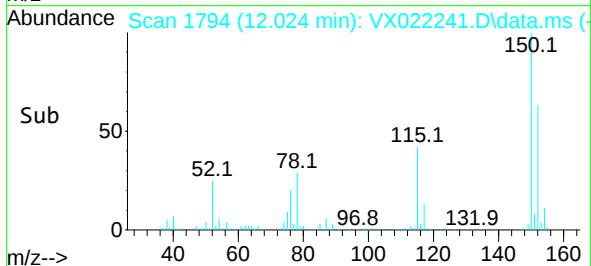
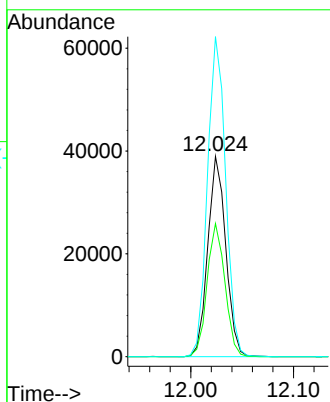
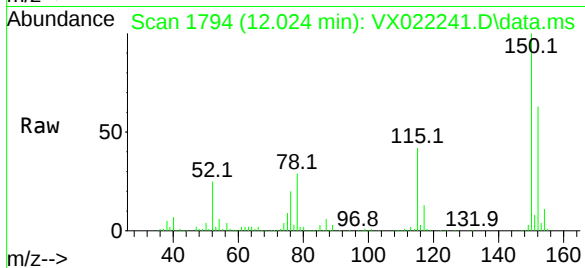




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022241.D
 Acq: 27 May 2021 18:38

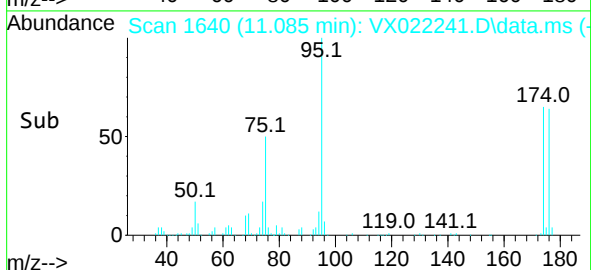
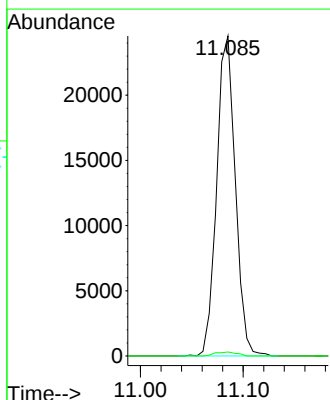
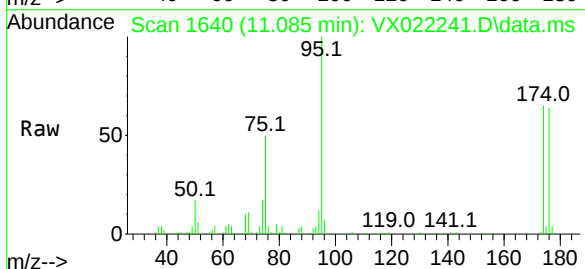
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210525

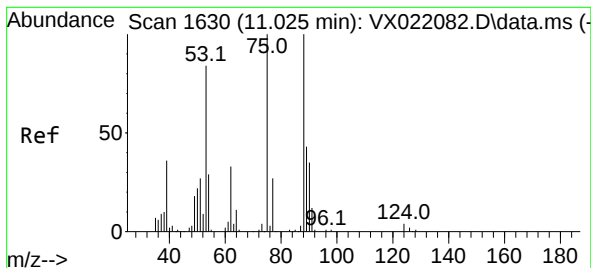
Tgt Ion:152 Resp: 47398
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 160.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.39 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022241.D
 Acq: 27 May 2021 18:38

Tgt Ion: 75 Resp: 30863
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

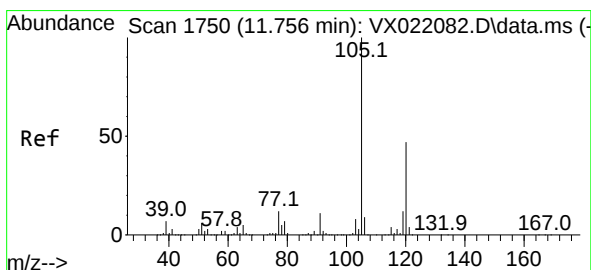
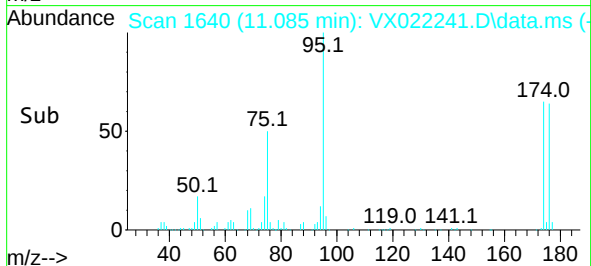
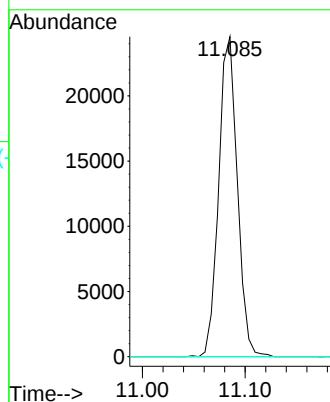
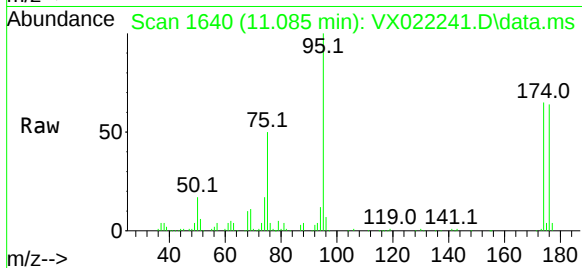




#81
trans-1,4-Dichloro-2-butene
Concen: 62.54 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210525

Tgt Ion: 75 Resp: 30863
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.25 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022241.D
Acq: 27 May 2021 18:38

Tgt Ion: 105 Resp: 843
Ion Ratio Lower Upper
105 100
120 18.1 22.4 67.3#

