

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024422.D
 Acq On : 22 Sep 2021 06:33
 Operator : JC/MD
 Sample : M3833-12 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920

Quant Time: Oct 01 04:14:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

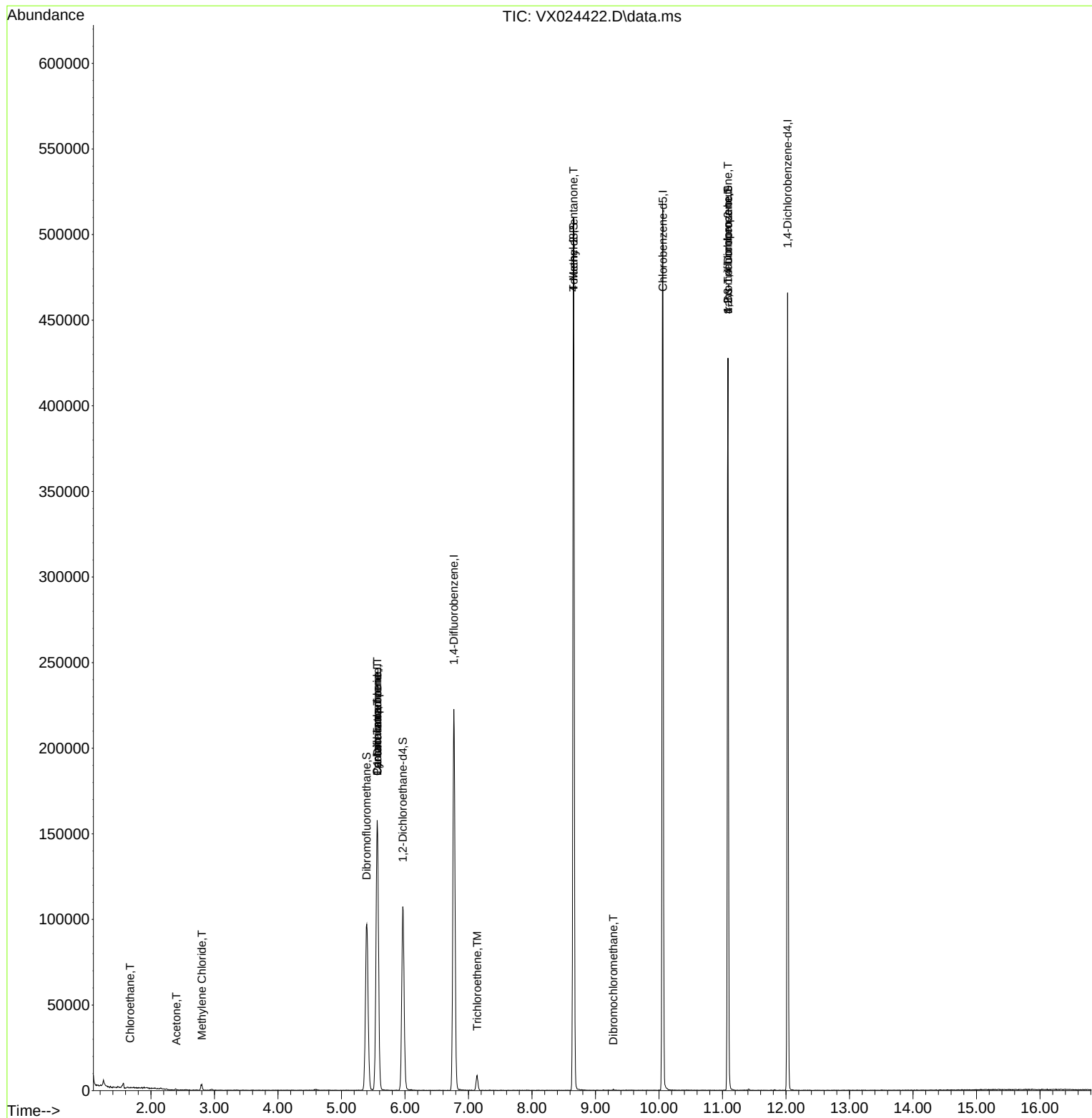
Internal Standards						
1) Pentafluorobenzene	5.562	168	145262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	240533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107124	51.716	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.440%
35) Dibromofluoromethane	5.397	113	87250	60.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.500%
50) Toluene-d8	8.653	98	286397	54.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.560%
62) 4-Bromofluorobenzene	11.085	95	109432	53.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.600%
Target Compounds						
					Qvalue	
6) Chloroethane	1.673	64	243	0.254	ug/l #	43
11) Tert butyl alcohol	2.959	59	330	Below Cal	#	73
16) Acetone	2.398	43	753	0.853	ug/l #	70
20) Methylene Chloride	2.800	84	1565	0.923	ug/l #	75
31) Cyclohexane	5.562	56	2923	1.206	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11653	5.869	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15152	6.780	ug/l #	17
44) Trichloroethene	7.135	130	3076	1.923	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	1404	0.598	ug/l #	1
60) Dibromochloromethane	9.281	129	101	1.780	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56147	27.100	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56147	79.702	ug/l #	12

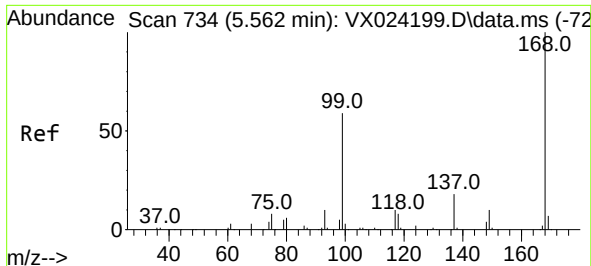
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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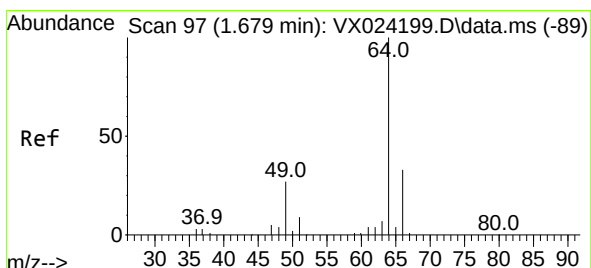
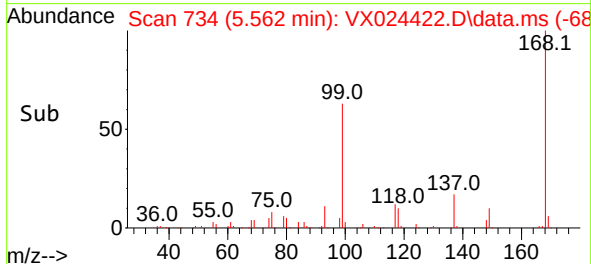
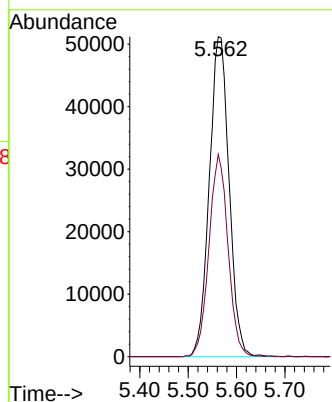
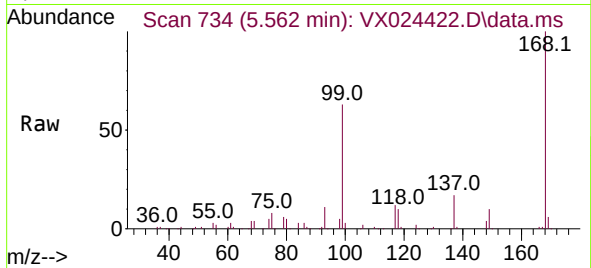




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

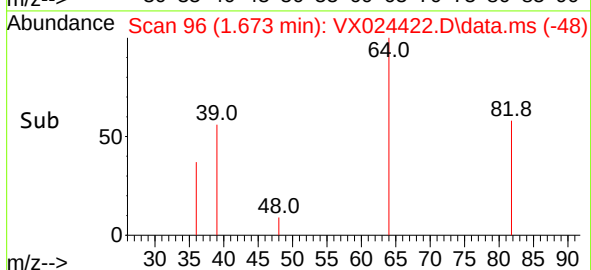
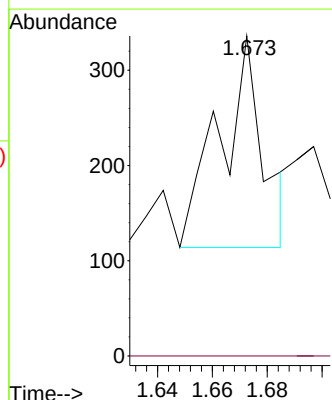
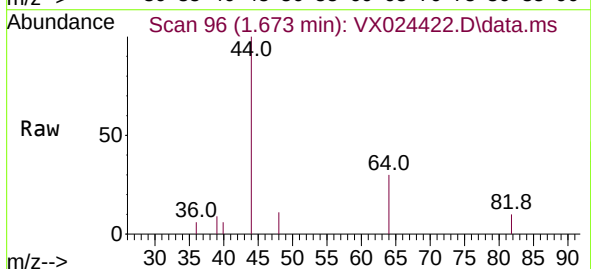
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

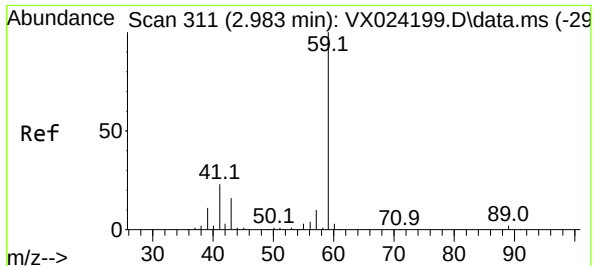
Tgt Ion:168 Resp: 145262
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#6
Chloroethane
Concen: 0.254 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



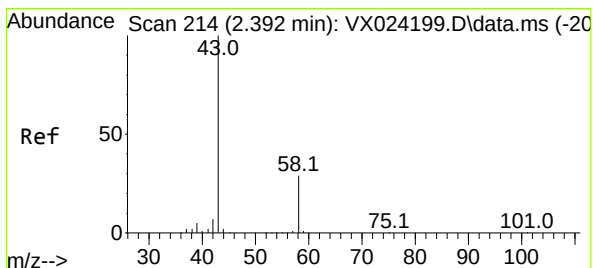
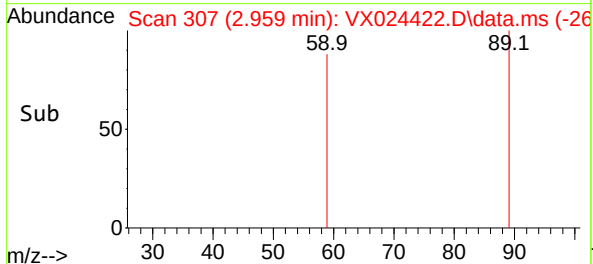
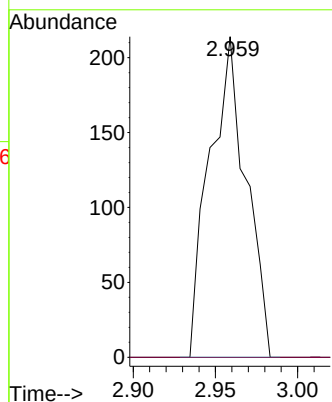
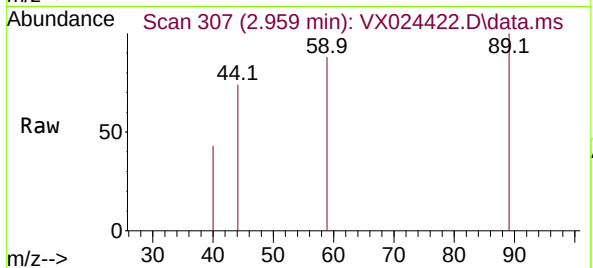


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

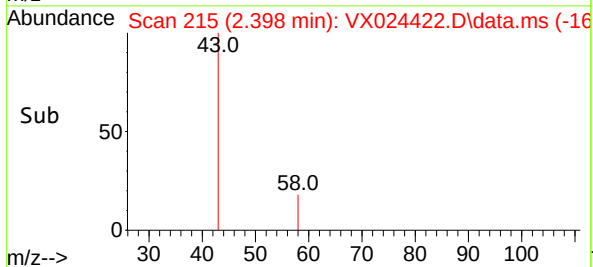
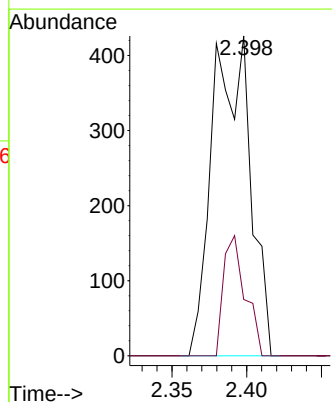
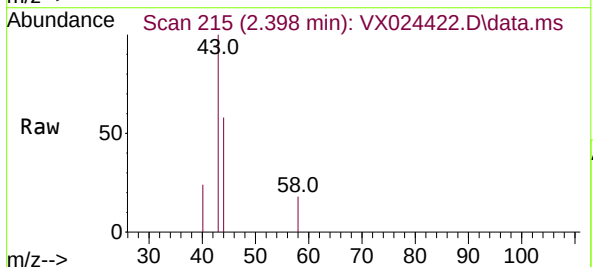
Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

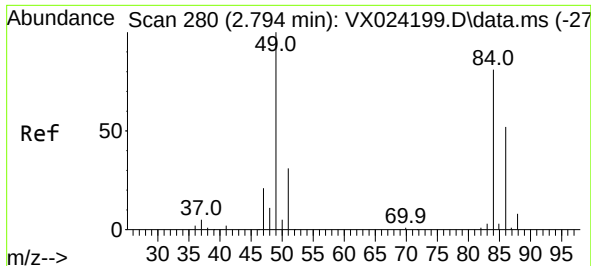


#16

Acetone
Concen: 0.853 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 17.6 27.8 41.8#





#20

Methylene Chloride

Concen: 0.923 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20210920

Tgt Ion: 84 Resp: 1565

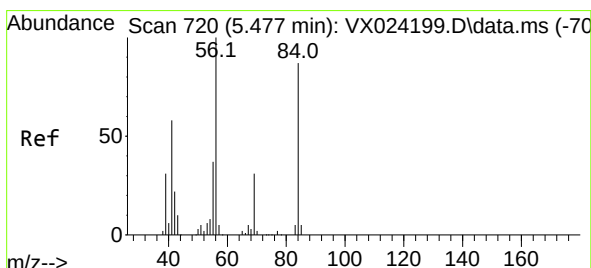
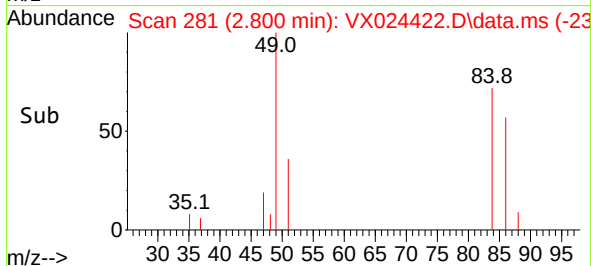
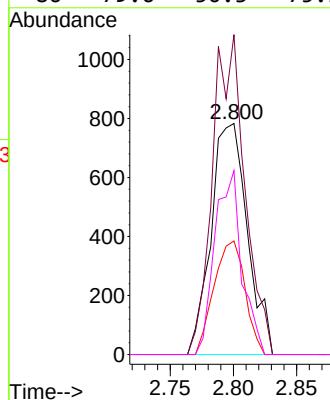
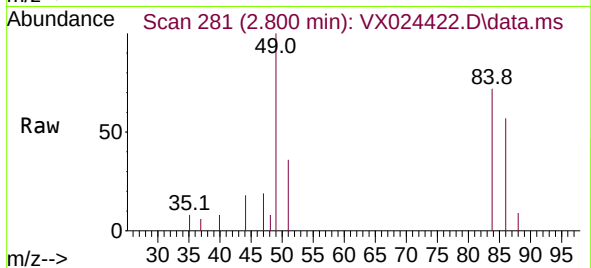
Ion Ratio Lower Upper

84 100

49 138.4 88.6 132.8#

51 49.2 27.0 40.6#

86 79.6 50.3 75.5#



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

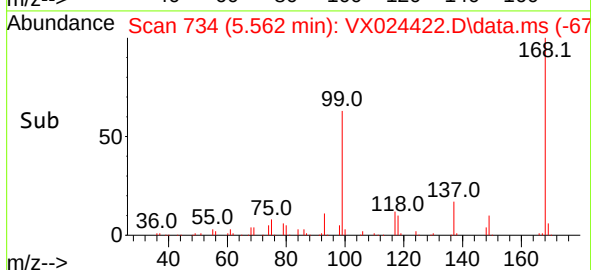
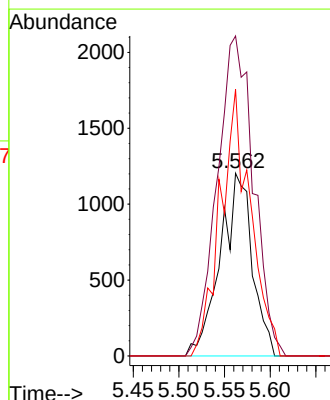
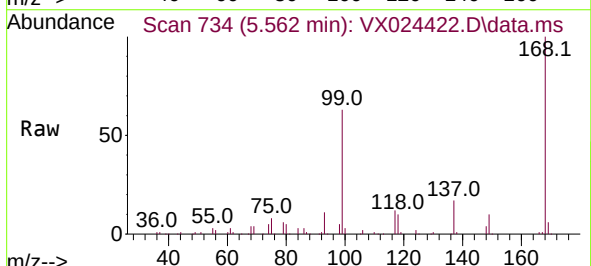
Tgt Ion: 56 Resp: 2923

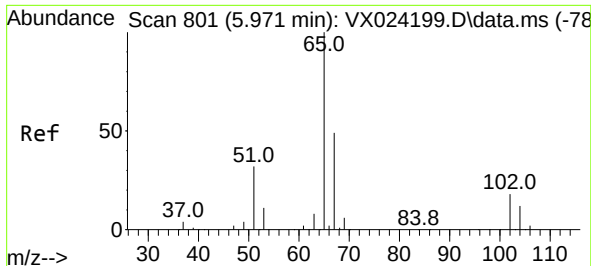
Ion Ratio Lower Upper

56 100

69 175.1 25.3 37.9#

84 145.8 71.4 107.0#

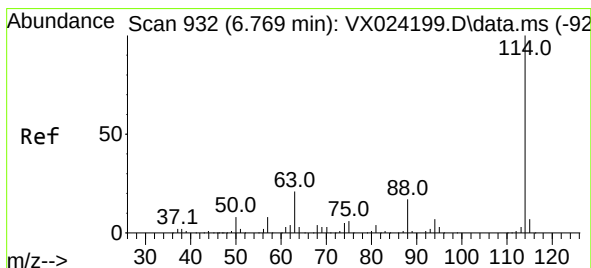
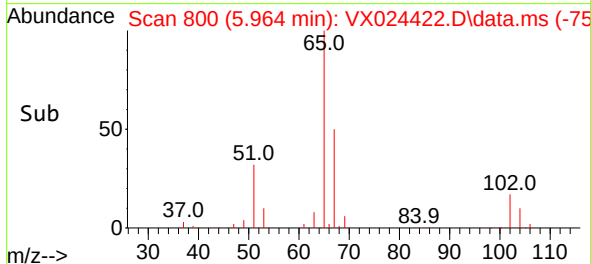
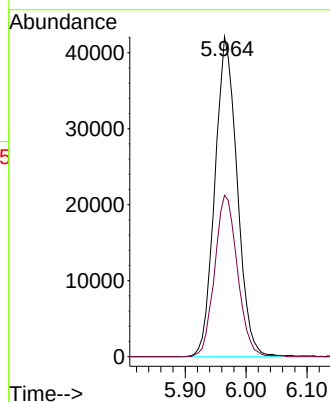
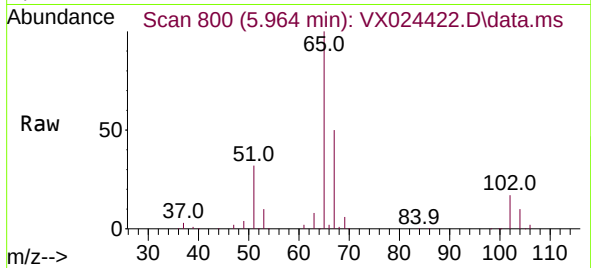




#33
 1,2-Dichloroethane-d4
 Concen: 51.716 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024422.D
 Acq: 22 Sep 2021 06:33

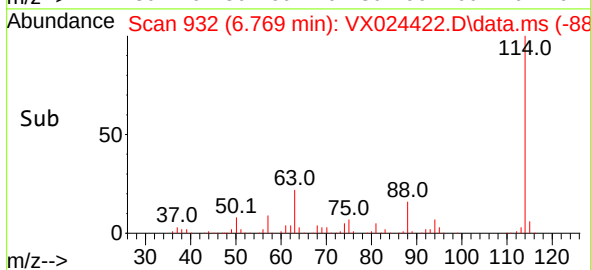
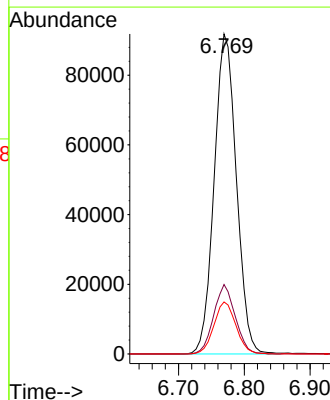
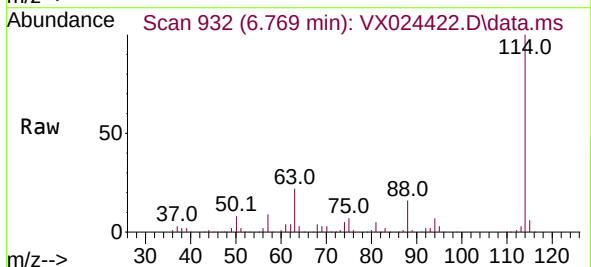
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210920

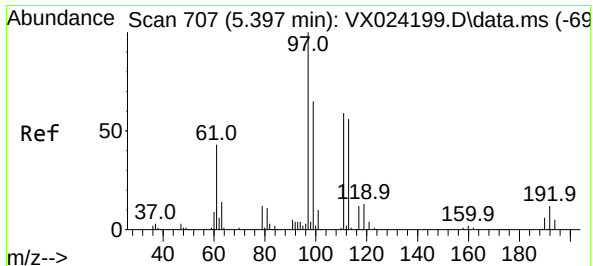
Tgt Ion: 65 Resp: 107124
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024422.D
 Acq: 22 Sep 2021 06:33

Tgt Ion: 114 Resp: 215950
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 60.245 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

Tgt Ion:113 Resp: 87250

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

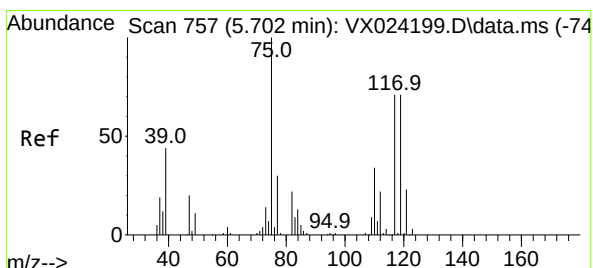
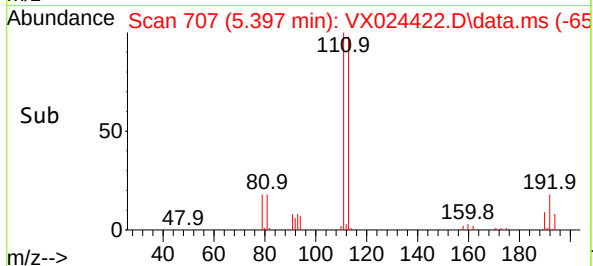
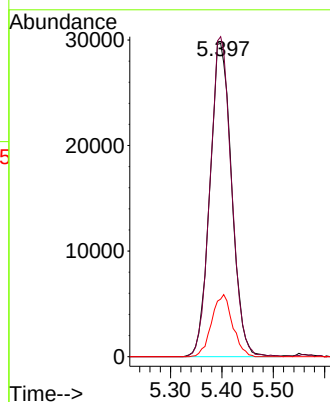
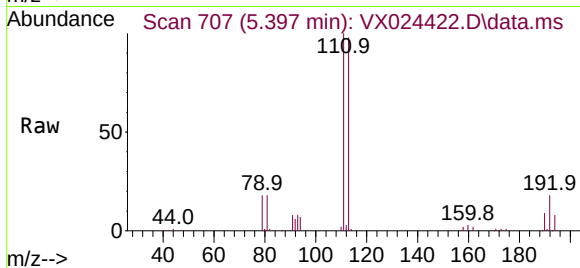
192 19.0 16.7 25.1

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20210920



#36

1,1-Dichloropropene

Concen: 5.869 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

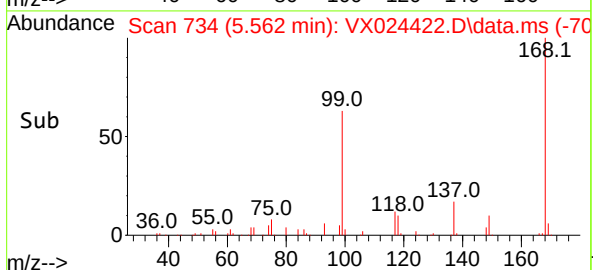
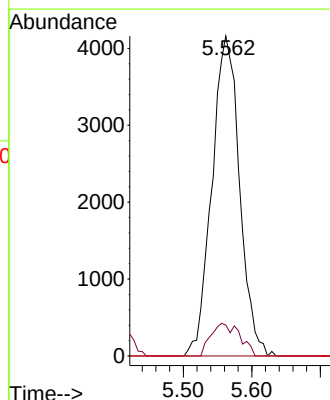
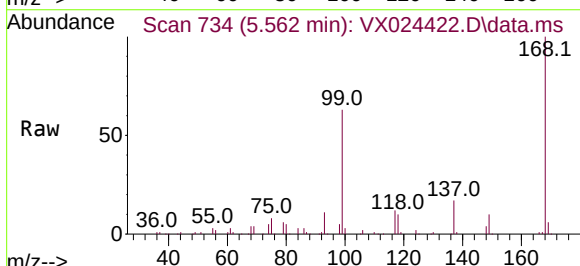
Tgt Ion: 75 Resp: 11653

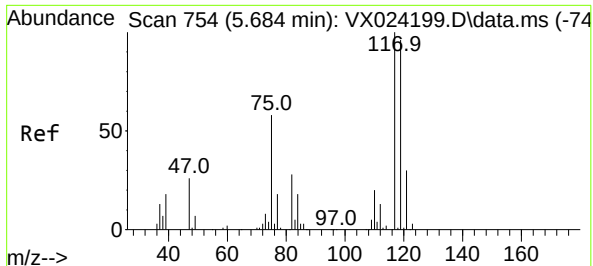
Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.4#

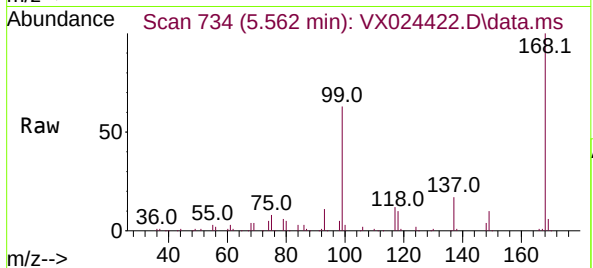
77 0.0 25.3 37.9#



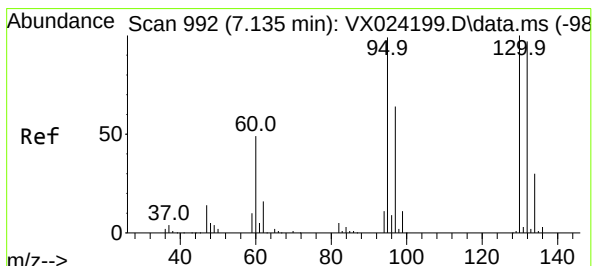
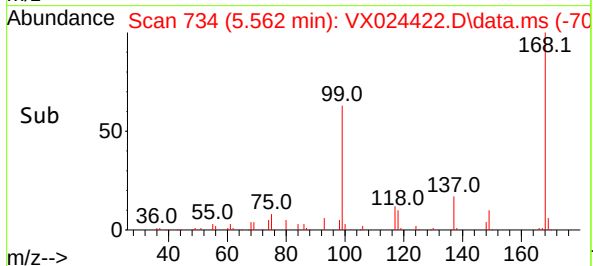
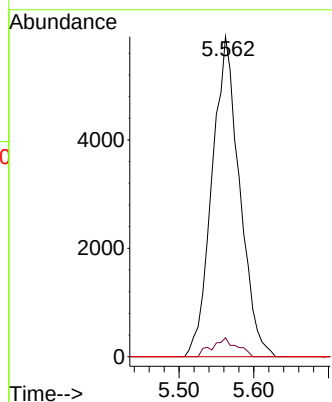


#38
Carbon Tetrachloride
Concen: 6.780 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

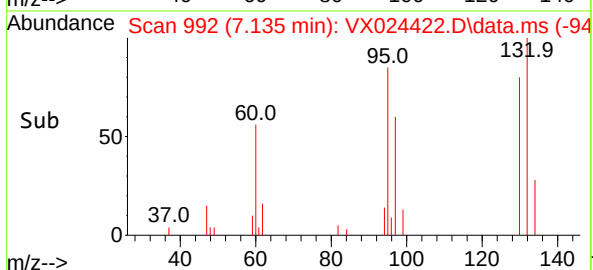
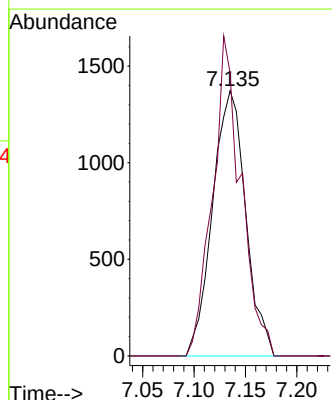
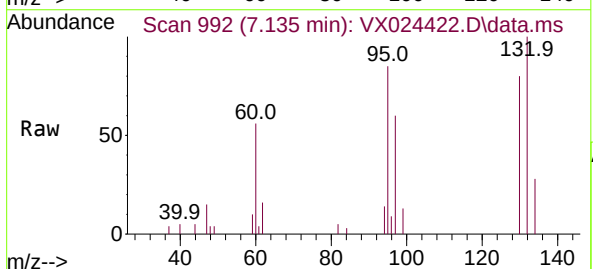


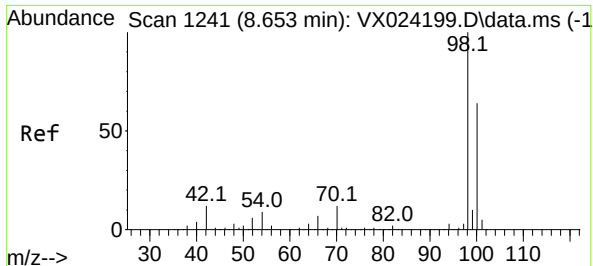
Tgt Ion:117 Resp: 15152
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.923 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Tgt Ion:130 Resp: 3076
Ion Ratio Lower Upper
130 100
95 106.5 0.0 198.0





#50

Toluene-d8

Concen: 54.284 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

Tgt Ion: 98 Resp: 286397

Ion Ratio Lower Upper

98 100

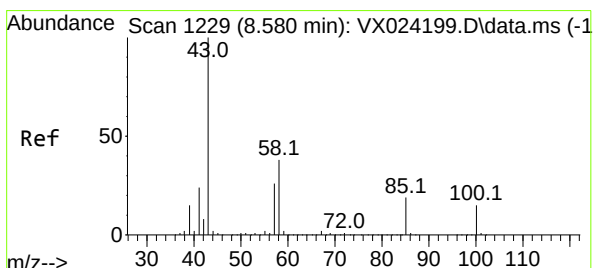
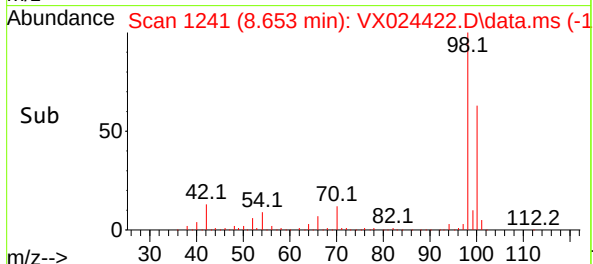
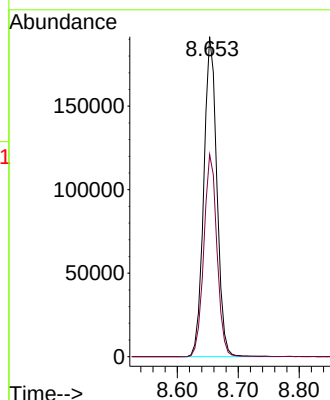
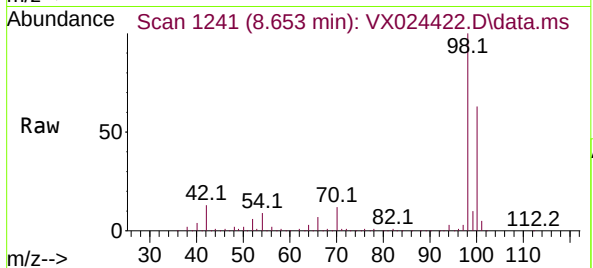
100 63.5 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20210920



#51

4-Methyl-2-Pentanone

Concen: 0.598 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024422.D

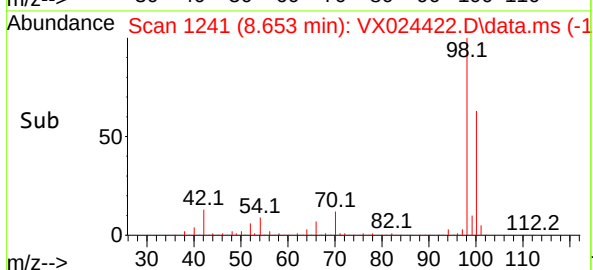
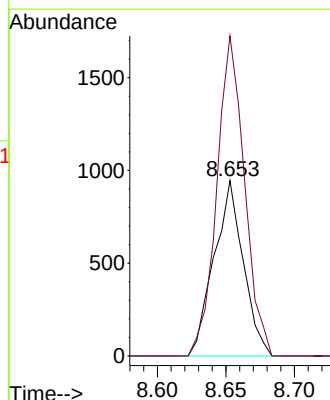
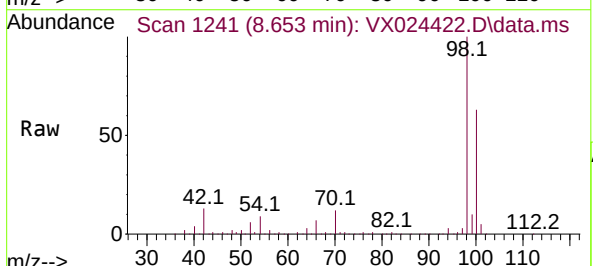
Acq: 22 Sep 2021 06:33

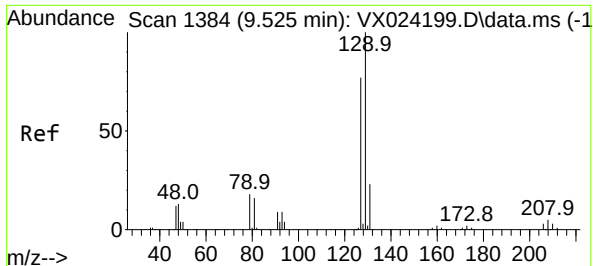
Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 172.9 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.780 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

Instrument :

MSVOA_X

ClientSampleId :

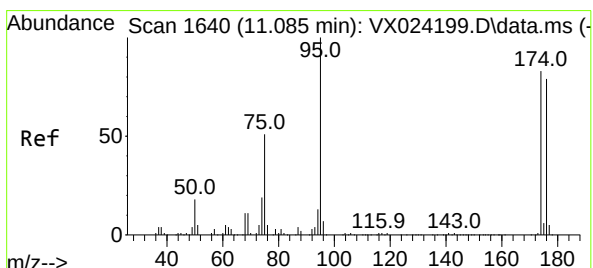
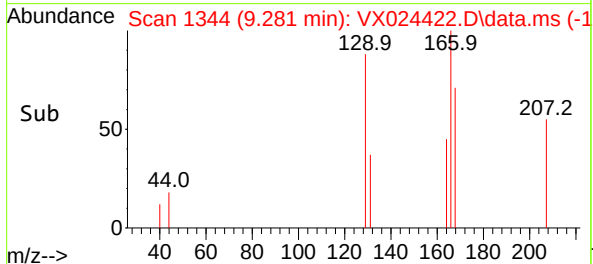
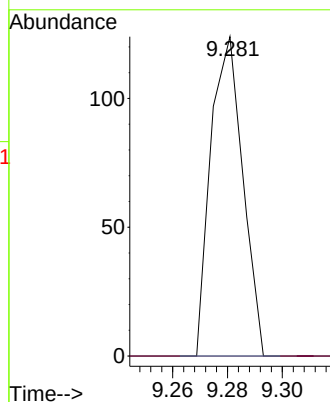
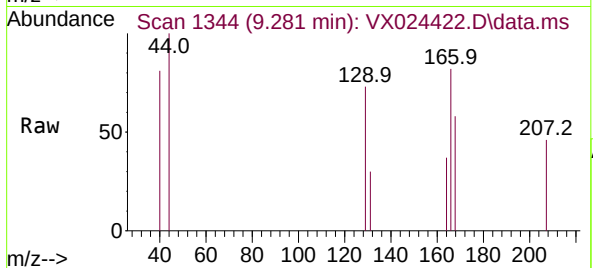
DUP03-20210920

Tgt Ion:129 Resp: 101

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 53.298 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024422.D

Acq: 22 Sep 2021 06:33

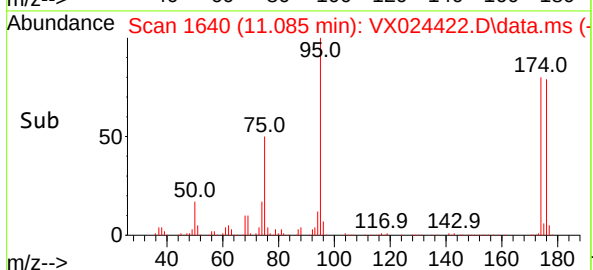
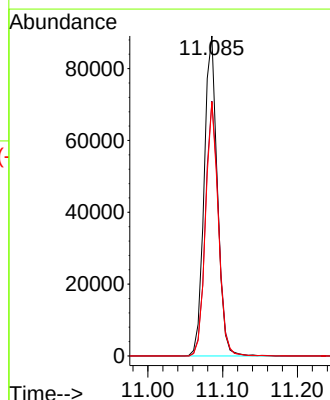
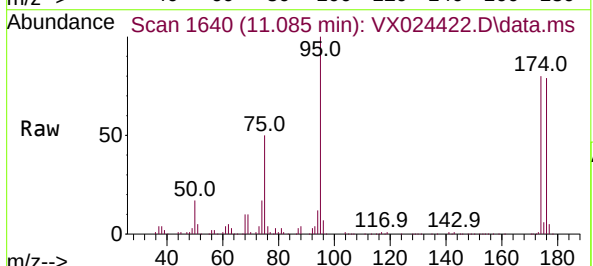
Tgt Ion: 95 Resp: 109432

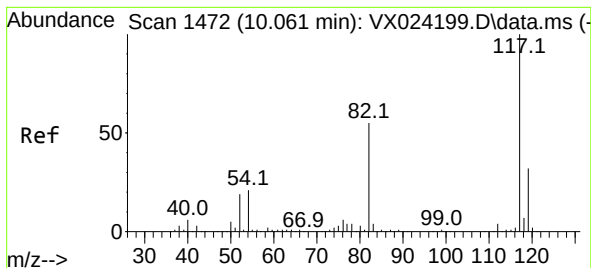
Ion Ratio Lower Upper

95 100

174 78.6 0.0 154.6

176 76.6 0.0 155.8

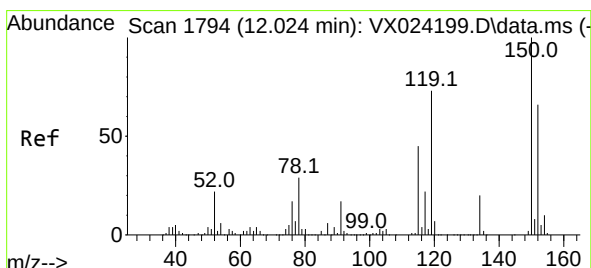
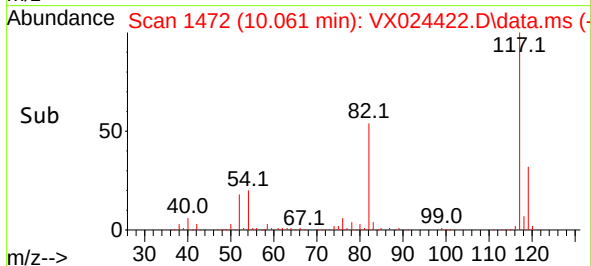
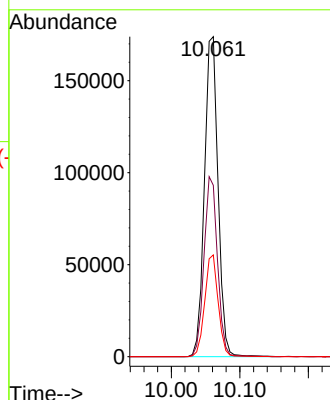
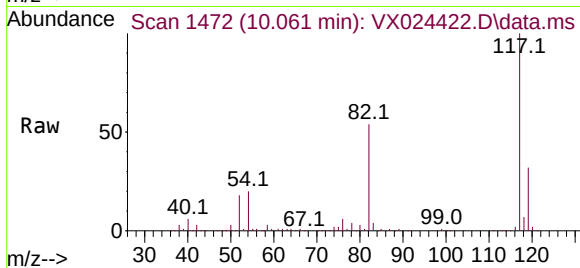




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

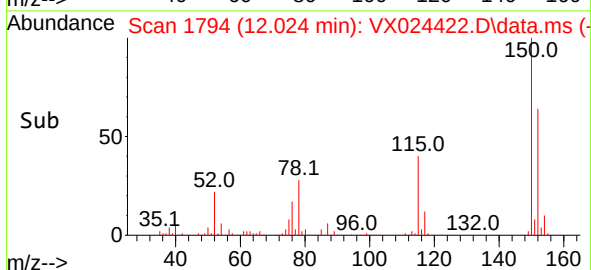
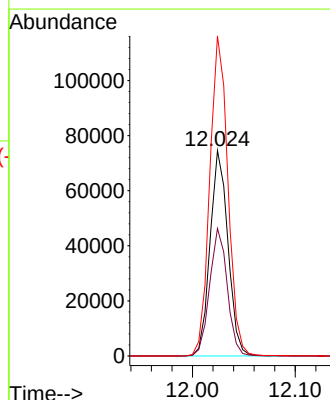
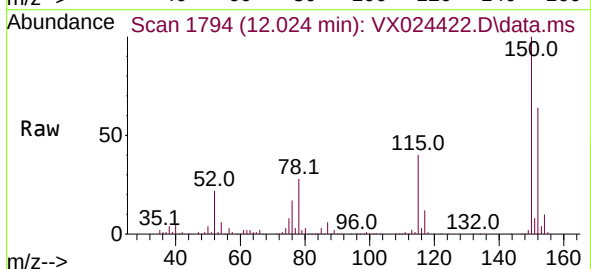
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

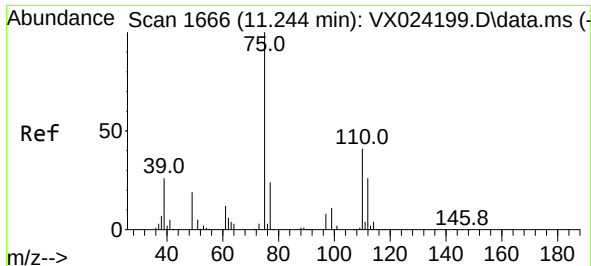
Tgt Ion:117 Resp: 240533
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Tgt Ion:152 Resp: 90103
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 158.1 0.0 349.0

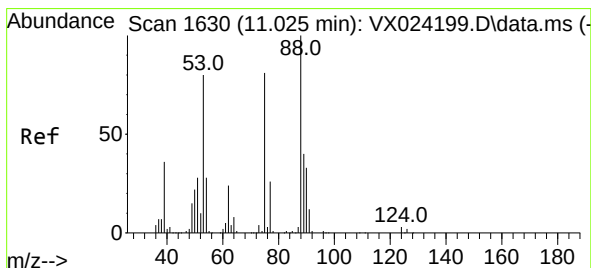
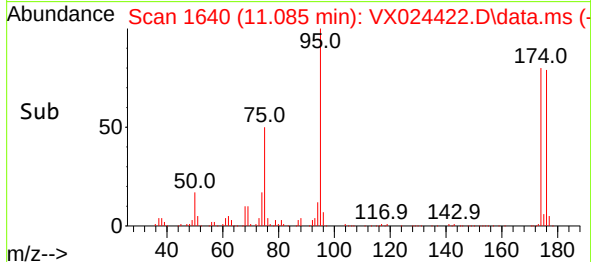
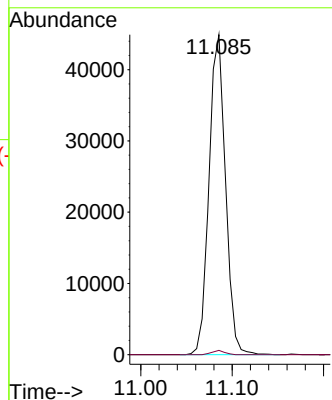
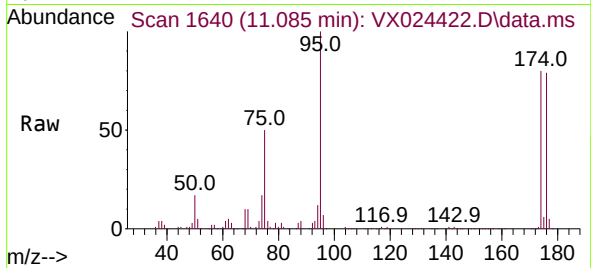




#76
1,2,3-Trichloropropane
Concen: 27.100 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210920

Tgt Ion: 75 Resp: 56147
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.702 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024422.D
Acq: 22 Sep 2021 06:33

Tgt Ion: 75 Resp: 56147
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

