

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031243.D
 Acq On : 09 Sep 2022 04:23
 Operator : JC/MD
 Sample : N4360-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20220824DL

Quant Time: Sep 09 05:36:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

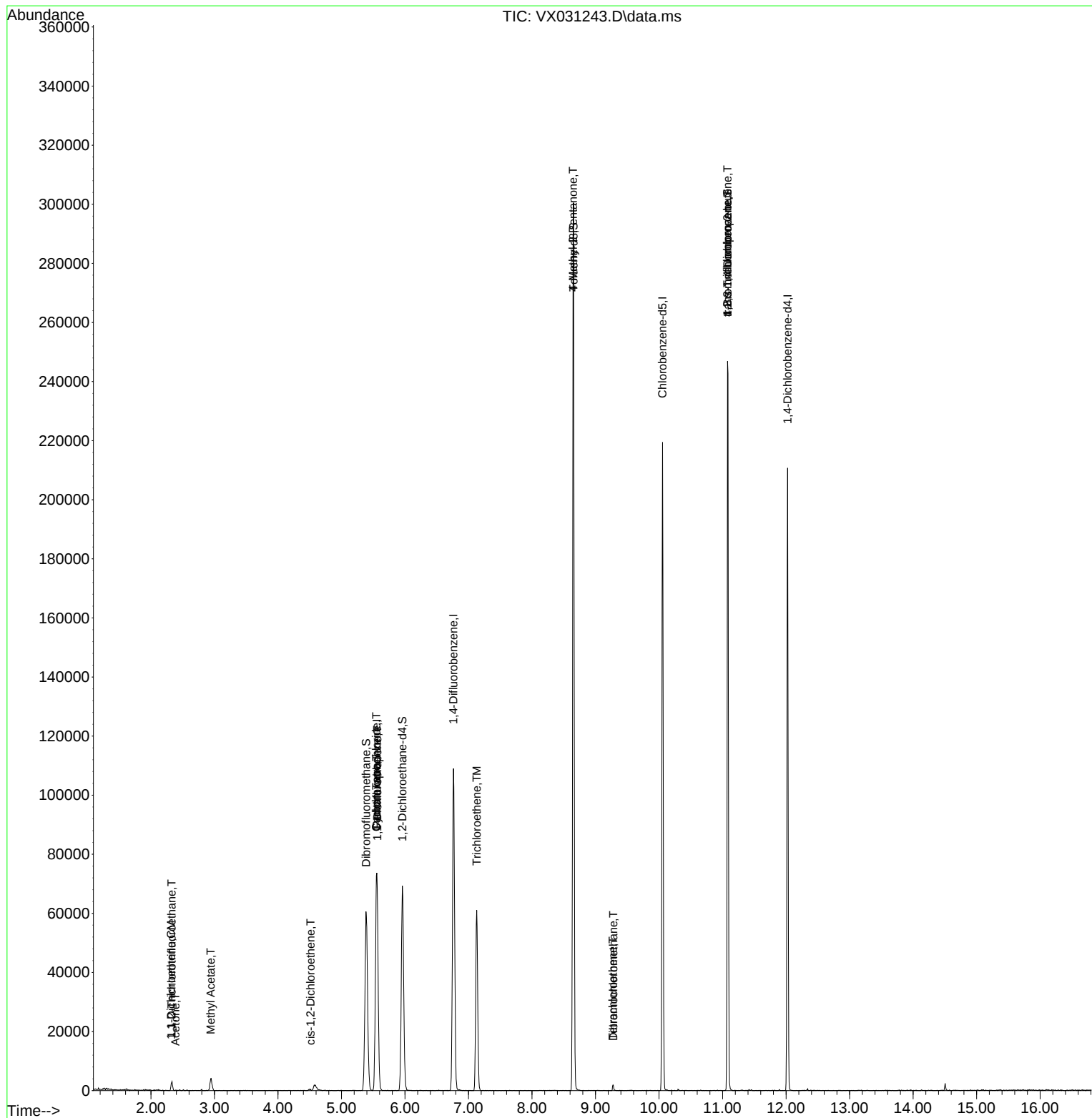
Internal Standards						
1) Pentafluorobenzene	5.556	168	61092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	103537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77160	53.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.700%	
35) Dibromofluoromethane	5.385	113	51459	45.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.220%	
50) Toluene-d8	8.653	98	177788	43.371	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.740%	
62) 4-Bromofluorobenzene	11.079	95	69159	46.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.080%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1087	0.991	ug/l	# 88
11) Tert butyl alcohol	2.947	59	2539	Below Cal	#	74
12) 1,1-Dichloroethene	2.319	96	253	0.245	ug/l	# 88
16) Acetone	2.386	43	225	0.449	ug/l	# 40
18) Methyl Acetate	2.941	43	398	0.307	ug/l	# 51
27) cis-1,2-Dichloroethene	4.513	96	286	0.218	ug/l	# 21
31) Cyclohexane	5.550	56	1571	0.972	ug/l	# 51
36) 1,1-Dichloropropene	5.562	75	5696	3.371	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	7983	4.490	ug/l	# 18
44) Trichloroethene	7.129	130	22750	17.632	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	656	0.453	ug/l	# 1
60) Dibromochloromethane	9.281	129	354	0.276	ug/l	# 11
64) Tetrachloroethene	9.275	164	415	0.427	ug/l	# 71
76) 1,2,3-Trichloropropane	11.079	75	39160	35.285	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	39160	113.791	ug/l	# 12

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

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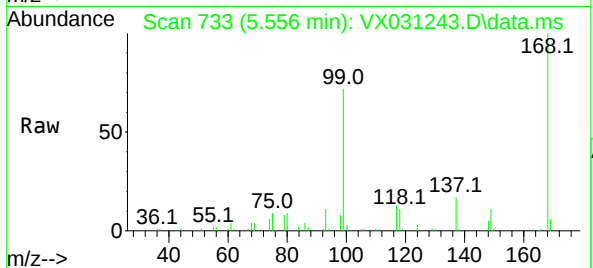
Quant Time: Sep 09 05:36:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
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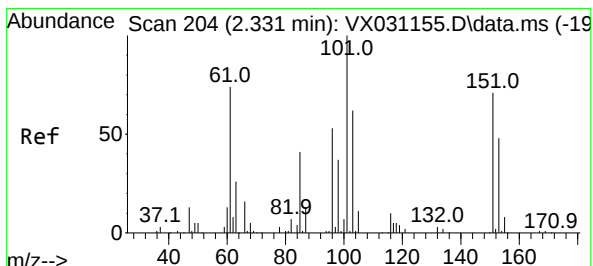
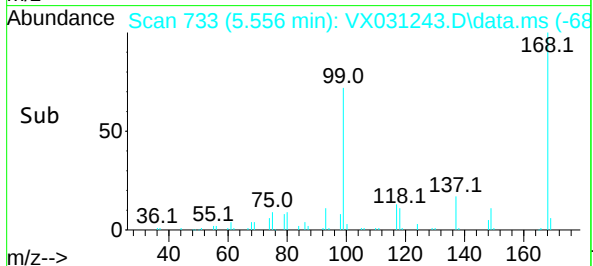
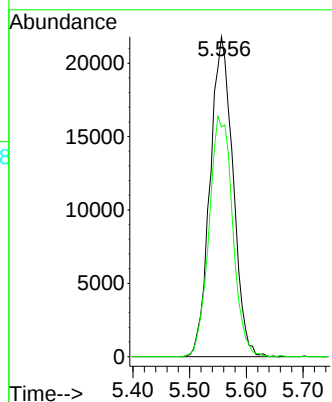


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

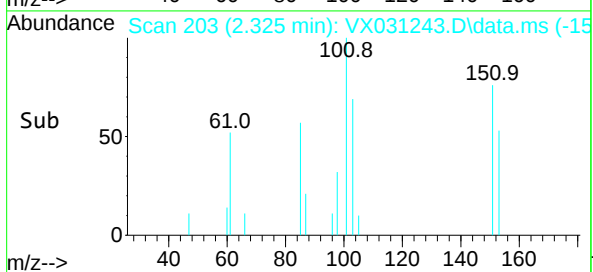
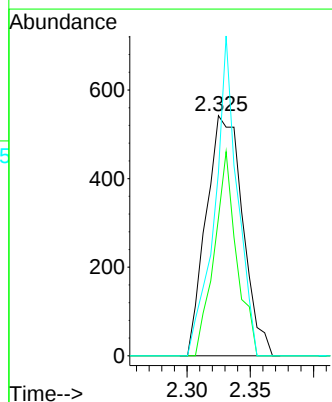
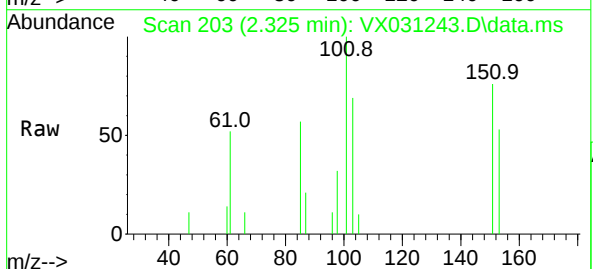


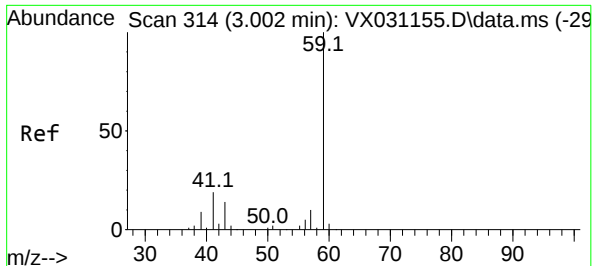
Tgt Ion:168 Resp: 61092
Ion Ratio Lower Upper
168 100
99 71.8 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.991 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Tgt Ion:101 Resp: 1087
Ion Ratio Lower Upper
101 100
85 51.9 34.0 51.0#
151 82.4 59.4 89.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.055 min

Lab File: VX031243.D

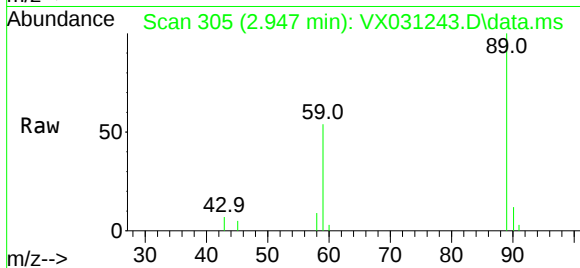
Acq: 09 Sep 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220824DL

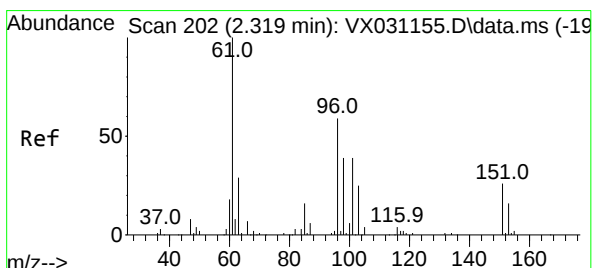
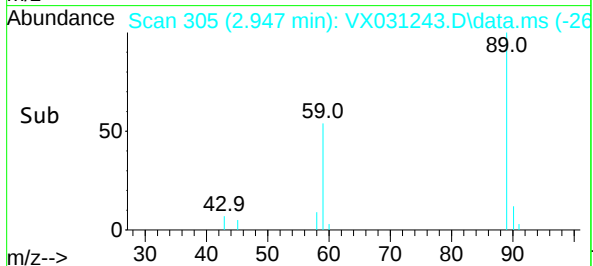
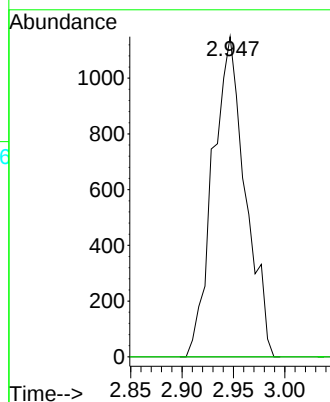


Tgt Ion: 59 Resp: 2539

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.245 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031243.D

Acq: 09 Sep 2022 04:23

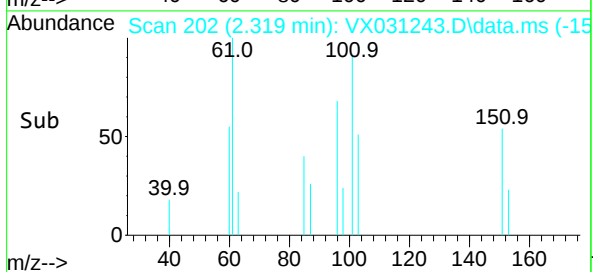
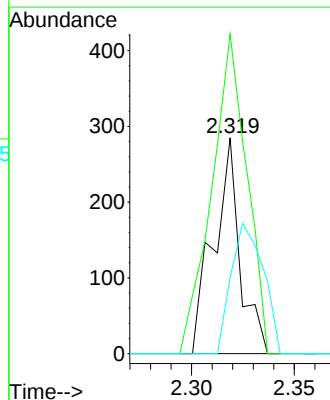
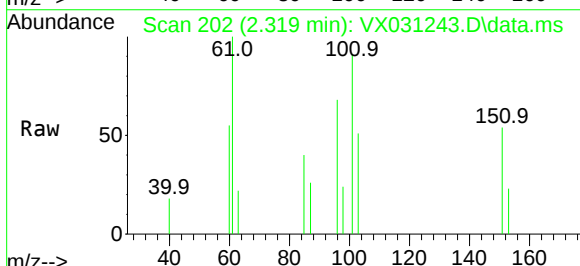
Tgt Ion: 96 Resp: 253

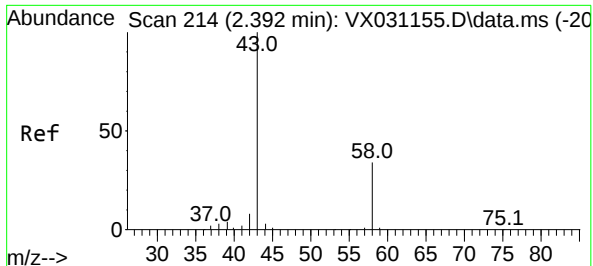
Ion Ratio Lower Upper

96 100

61 148.1 117.4 176.0

98 35.4 52.2 78.4#

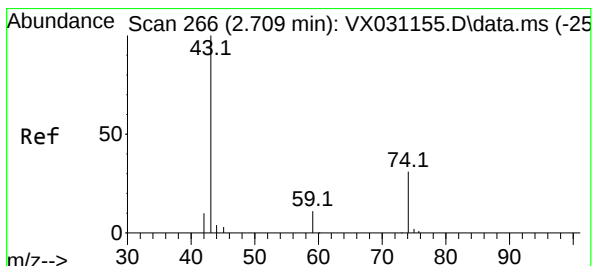
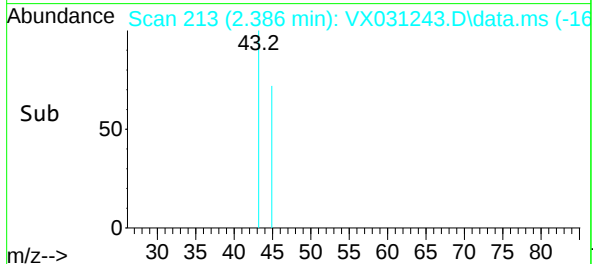
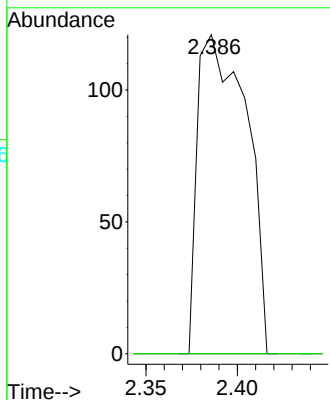
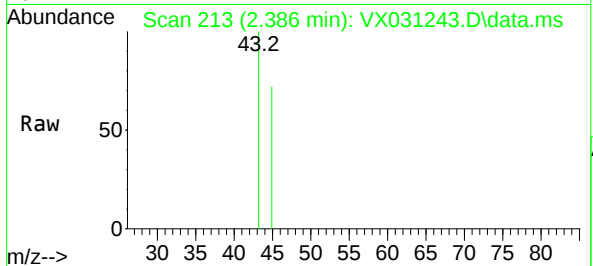




#16
Acetone
Concen: 0.449 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

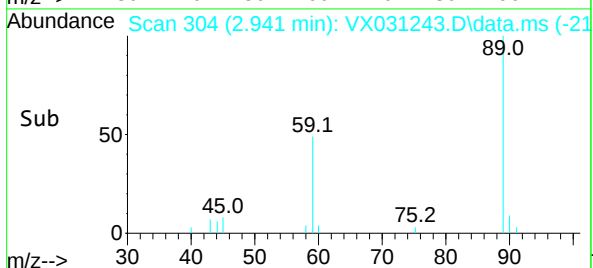
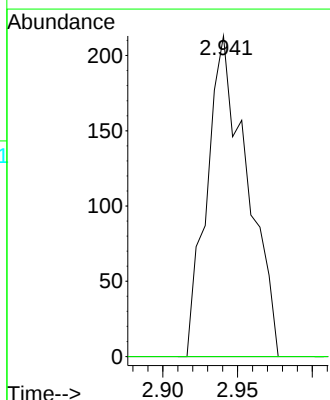
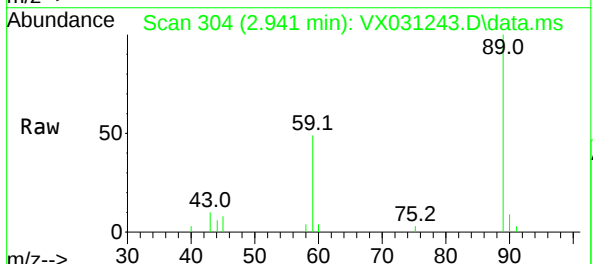
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

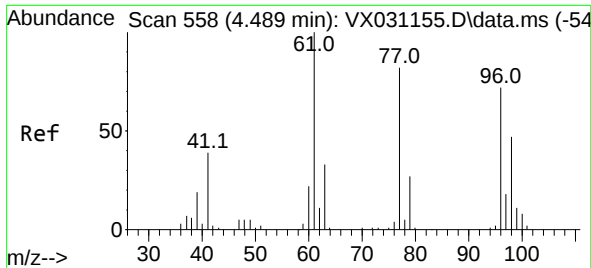
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#18
Methyl Acetate
Concen: 0.307 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.218 ug/l

RT: 4.513 min Scan# 50

Delta R.T. 0.024 min

Lab File: VX031243.D

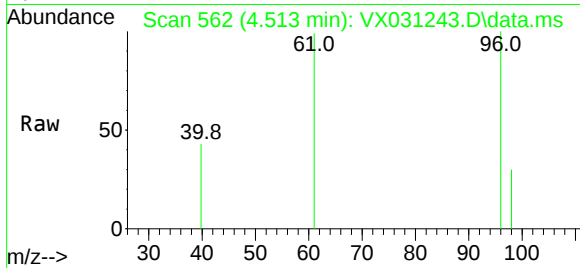
Acq: 09 Sep 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220824DL



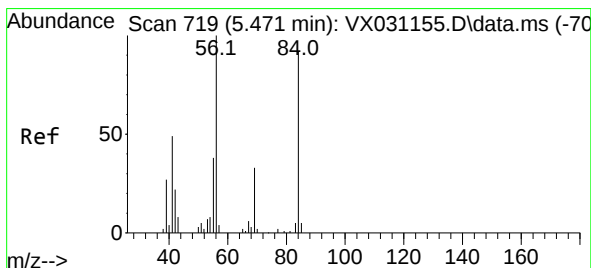
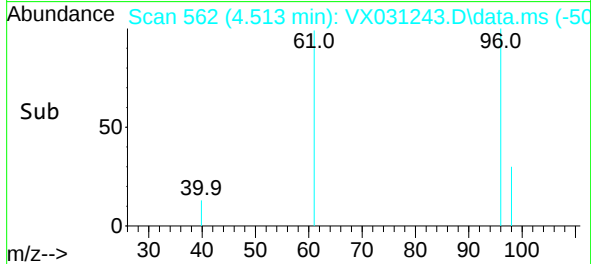
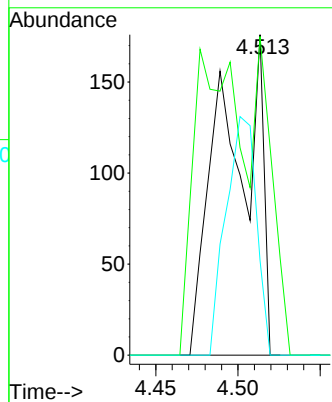
Tgt Ion: 96 Resp: 286

Ion Ratio Lower Upper

96 100

61 0.0 0.0 270.0

98 59.1 0.0 127.8



#31

Cyclohexane

Concen: 0.972 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031243.D

Acq: 09 Sep 2022 04:23

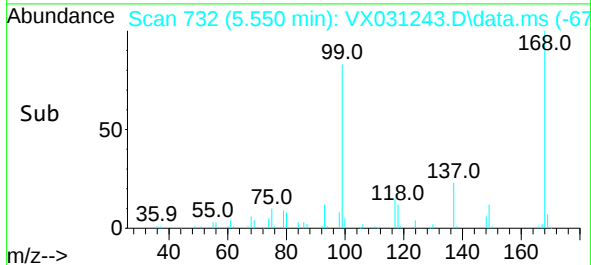
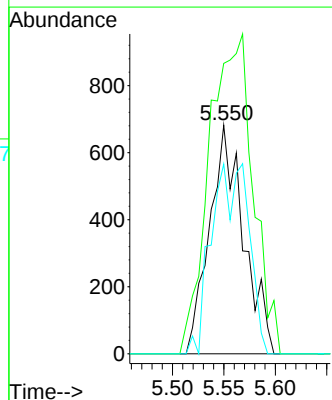
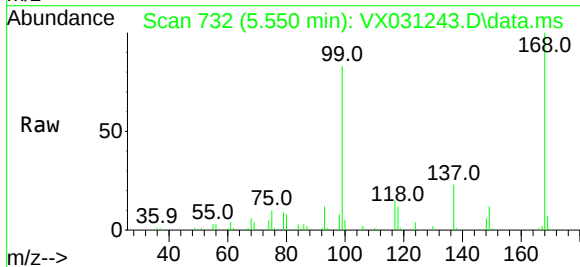
Tgt Ion: 56 Resp: 1571

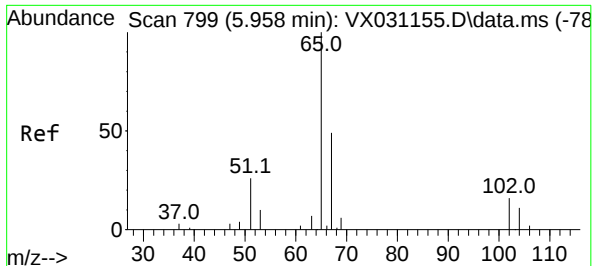
Ion Ratio Lower Upper

56 100

69 127.0 25.4 38.0#

84 83.0 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 53.347 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031243.D

Acq: 09 Sep 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

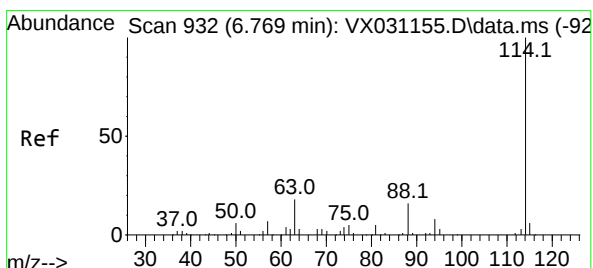
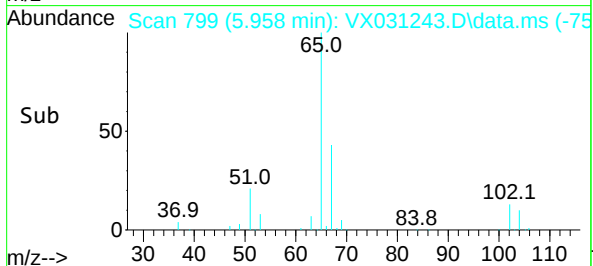
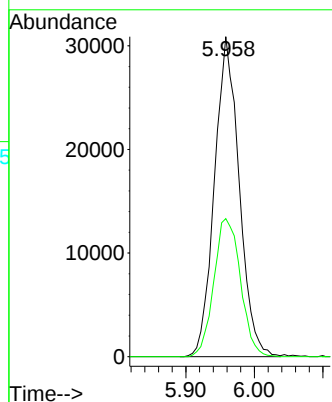
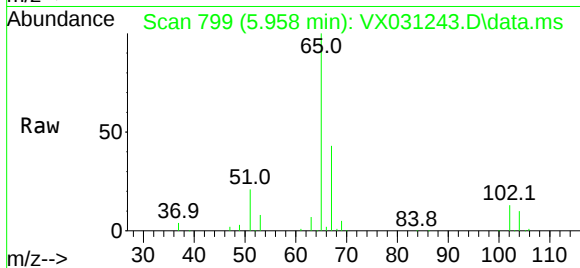
RE125D2-20220824DL

Tgt Ion: 65 Resp: 77160

Ion Ratio Lower Upper

65 100

67 46.5 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: VX031243.D

Acq: 09 Sep 2022 04:23

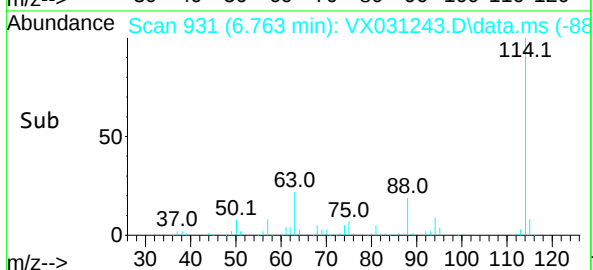
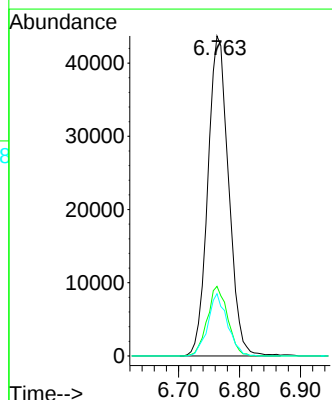
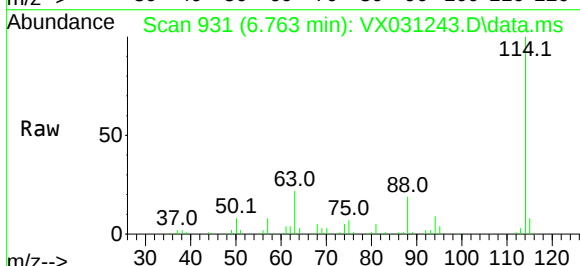
Tgt Ion: 114 Resp: 103537

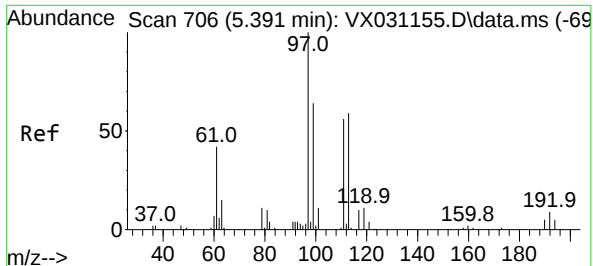
Ion Ratio Lower Upper

114 100

63 21.8 0.0 38.4

88 19.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.609 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031243.D

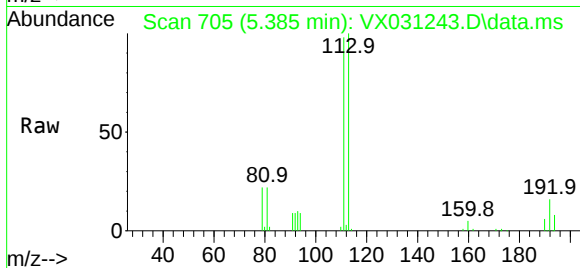
Acq: 09 Sep 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220824DL



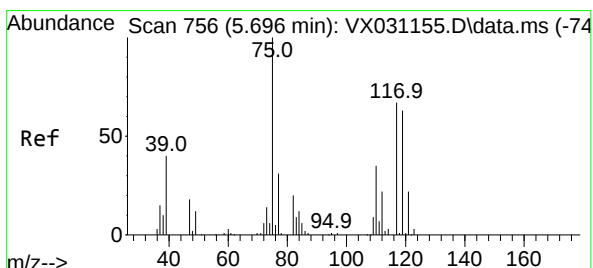
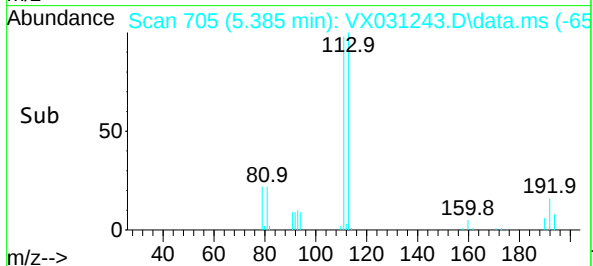
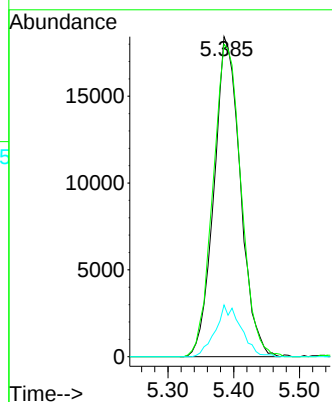
Tgt Ion:113 Resp: 51459

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 15.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.371 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX031243.D

Acq: 09 Sep 2022 04:23

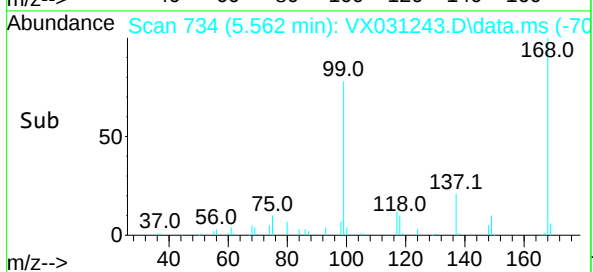
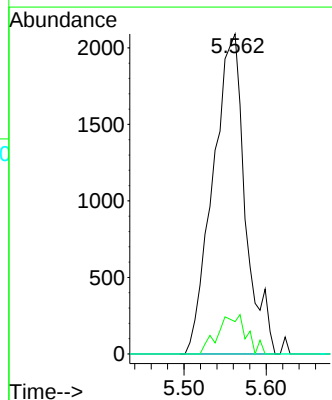
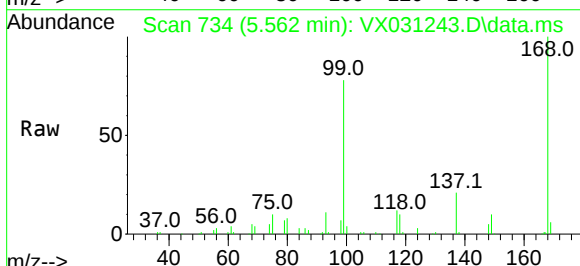
Tgt Ion: 75 Resp: 5696

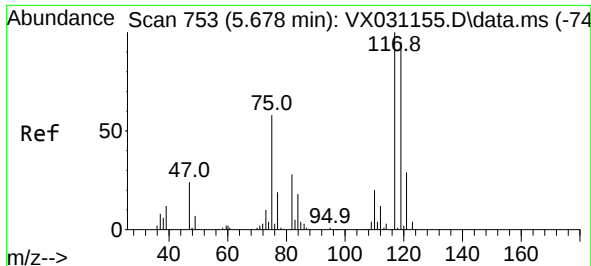
Ion Ratio Lower Upper

75 100

110 10.8 19.3 57.9#

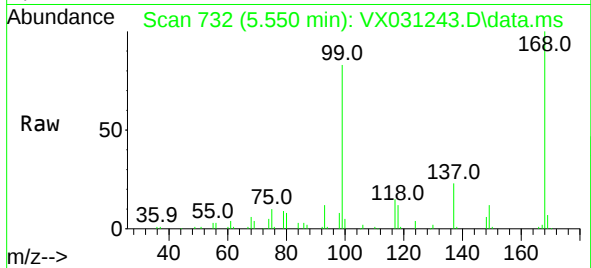
77 0.0 24.4 36.6#



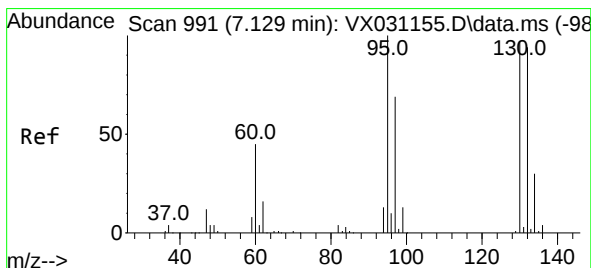
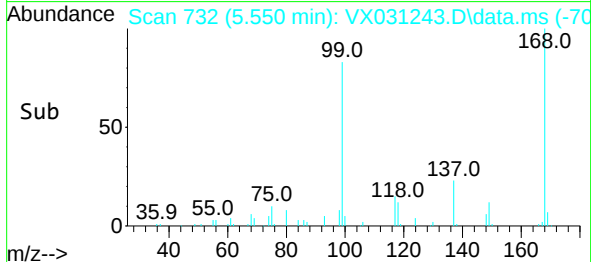
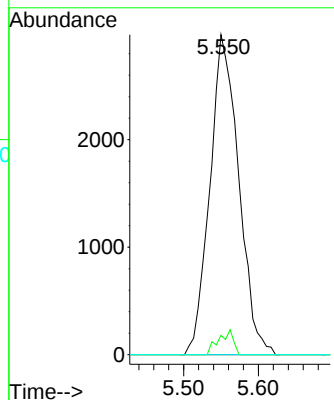


#38
Carbon Tetrachloride
Concen: 4.490 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

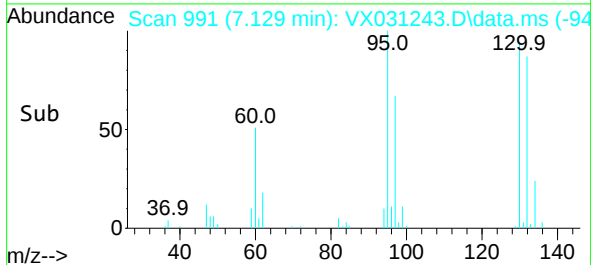
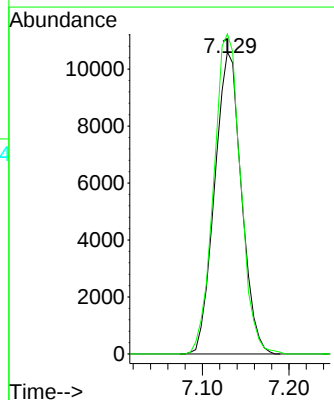
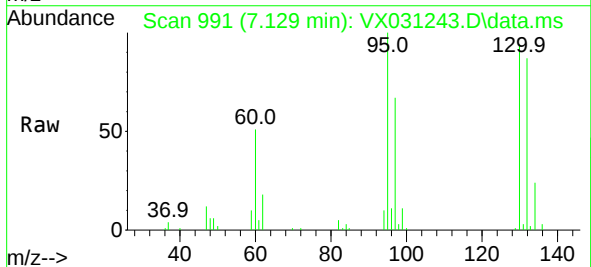


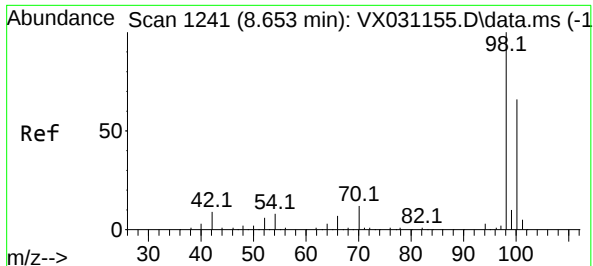
Tgt Ion:117 Resp: 7983
Ion Ratio Lower Upper
117 100
119 6.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 17.632 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Tgt Ion:130 Resp: 22750
Ion Ratio Lower Upper
130 100
95 105.9 0.0 194.8





#50

Toluene-d8

Concen: 43.371 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031243.D

Acq: 09 Sep 2022 04:23

Instrument :

MSVOA_X

ClientSampleId :

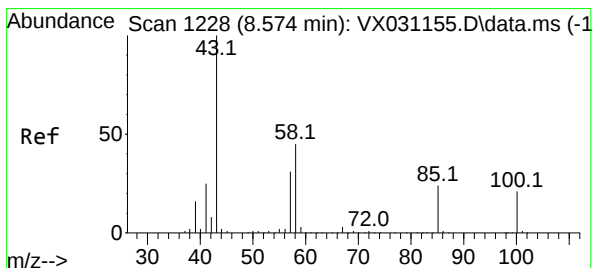
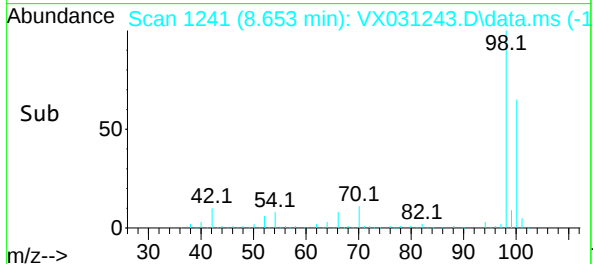
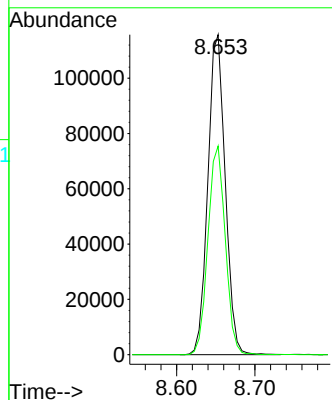
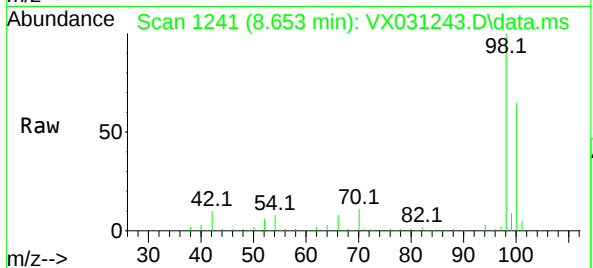
RE125D2-20220824DL

Tgt Ion: 98 Resp: 177788

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.453 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX031243.D

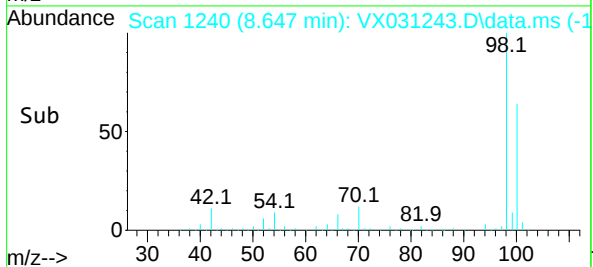
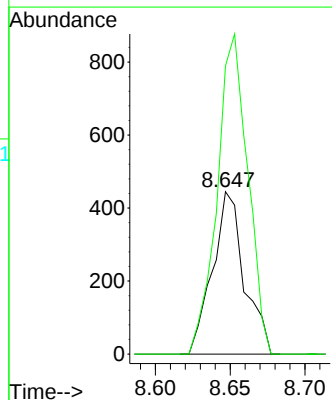
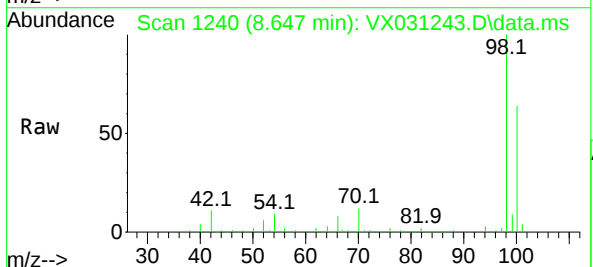
Acq: 09 Sep 2022 04:23

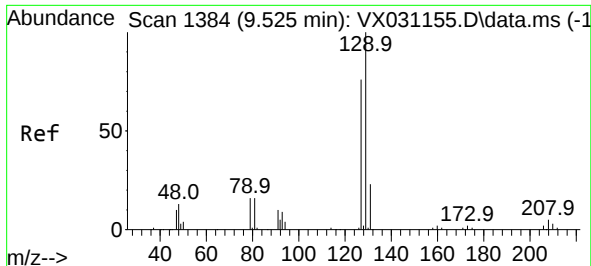
Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 190.9 31.4 47.2#

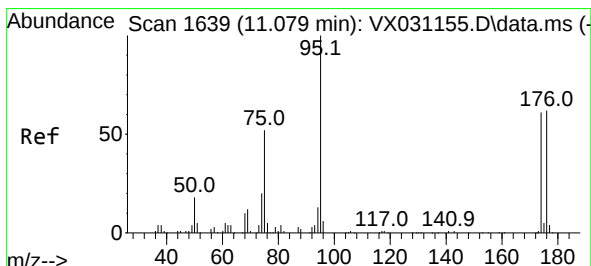
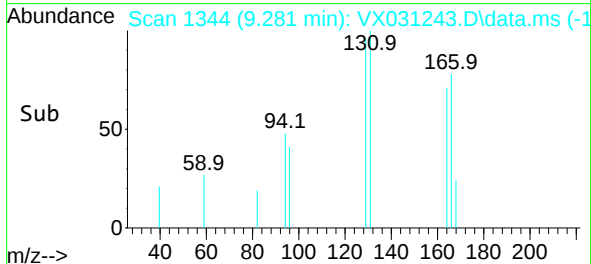
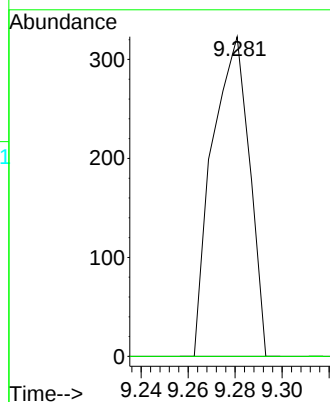
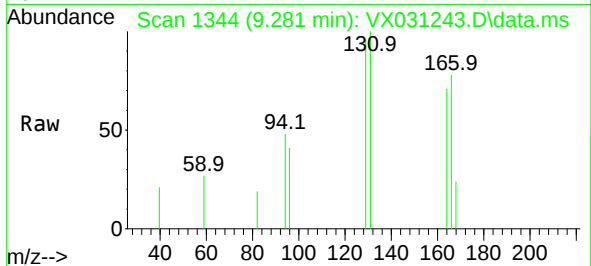




#60
Dibromochloromethane
Concen: 0.276 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

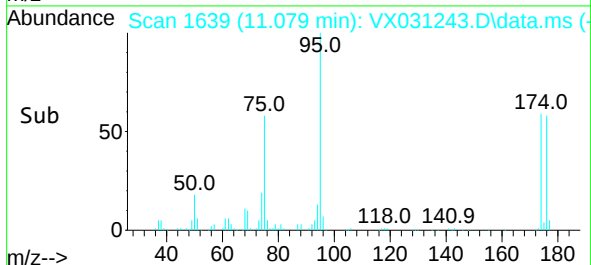
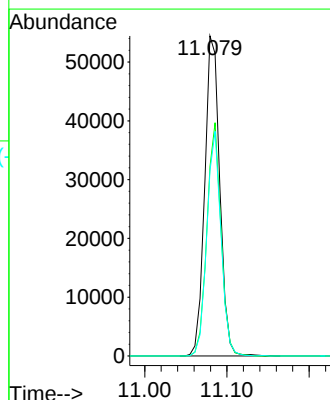
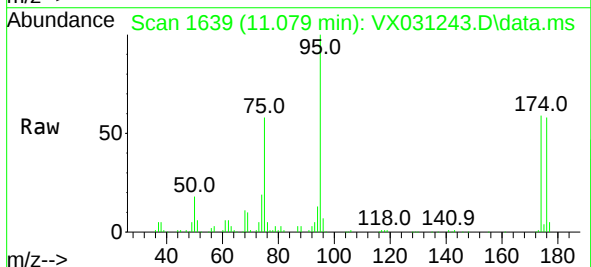
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

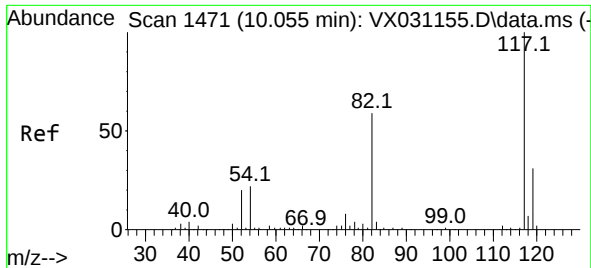
Tgt Ion:129 Resp: 354
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Tgt Ion: 95 Resp: 69159
Ion Ratio Lower Upper
95 100
174 68.1 0.0 149.0
176 66.0 0.0 146.0

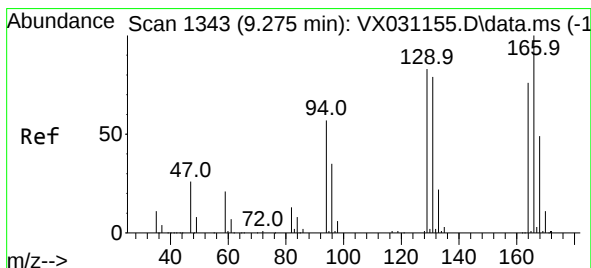
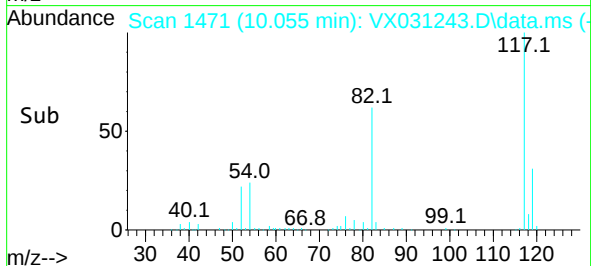
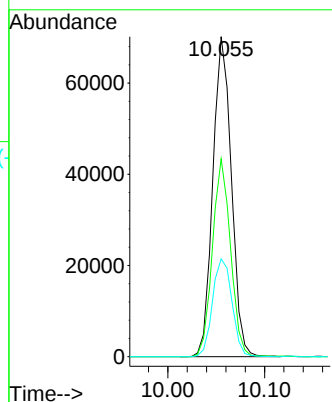
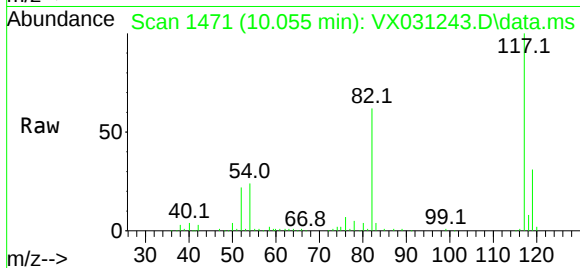




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

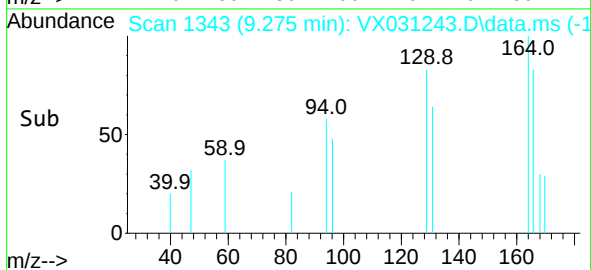
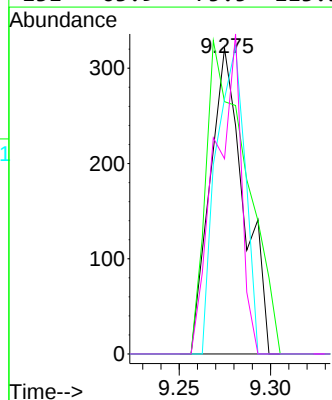
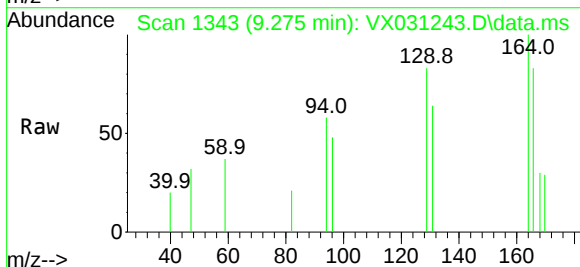
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

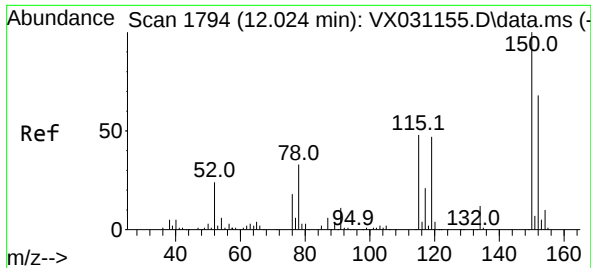
Tgt Ion:117 Resp: 93458
Ion Ratio Lower Upper
117 100
82 61.8 42.7 64.1
119 30.6 25.4 38.2



#64
Tetrachloroethene
Concen: 0.427 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031243.D
Acq: 09 Sep 2022 04:23

Tgt Ion:164 Resp: 415
Ion Ratio Lower Upper
164 100
166 82.6 98.2 147.4#
129 83.5 80.8 121.2
131 63.9 75.5 113.3#

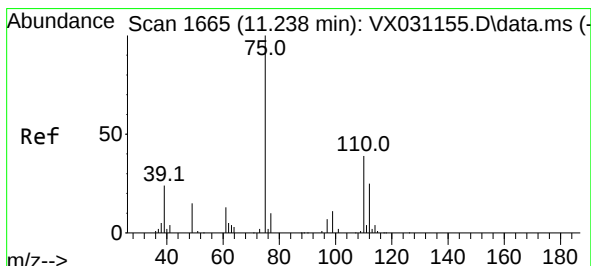
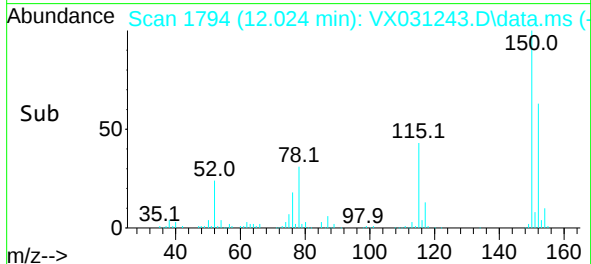
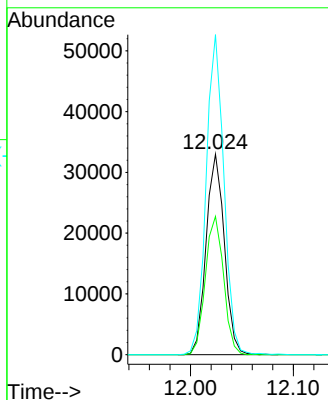
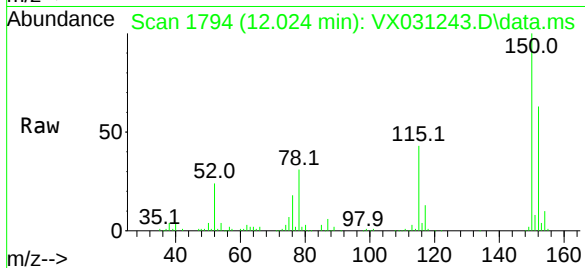




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031243.D
 Acq: 09 Sep 2022 04:23

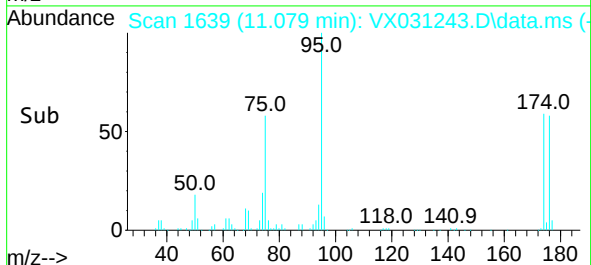
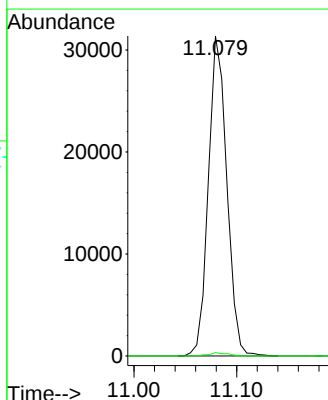
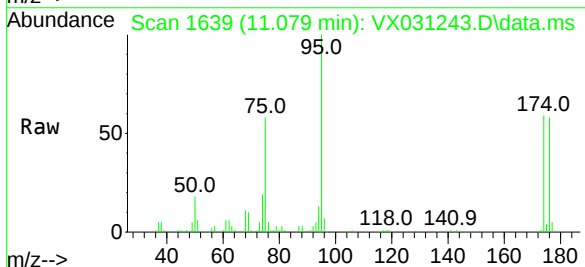
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20220824DL

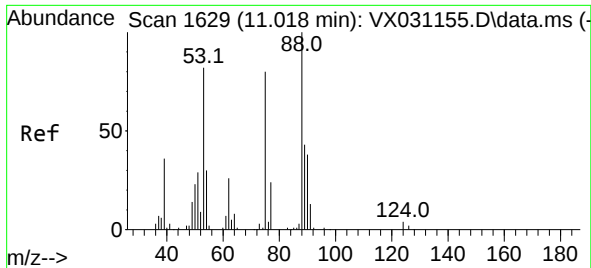
Tgt Ion:152 Resp: 40665
 Ion Ratio Lower Upper
 152 100
 115 68.9 40.5 121.5
 150 155.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 35.285 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031243.D
 Acq: 09 Sep 2022 04:23

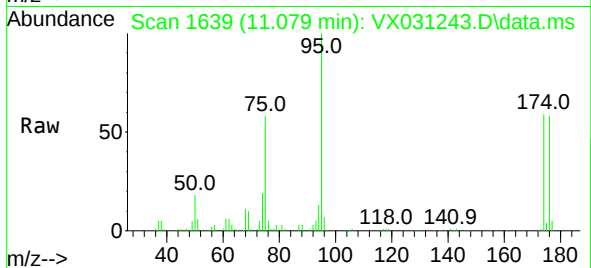
Tgt Ion: 75 Resp: 39160
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.791 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031243.D
 Acq: 09 Sep 2022 04:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20220824DL



Tgt Ion: 75 Resp: 39160
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

