

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031259.D
 Acq On : 09 Sep 2022 16:08
 Operator : JC/MD
 Sample : N4360-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20220824DL

Quant Time: Sep 12 00:58:33 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)

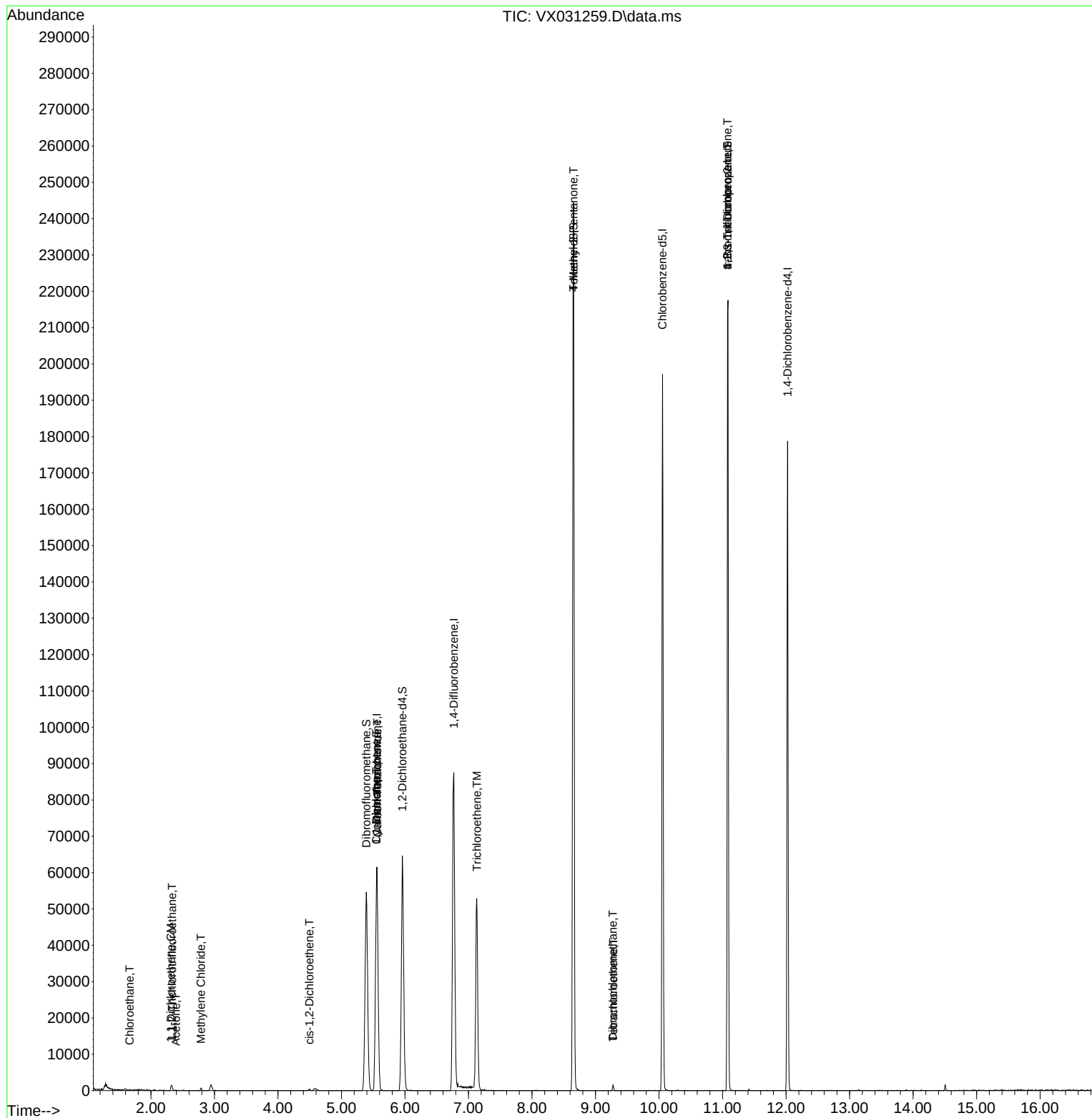
Internal Standards						
1) Pentafluorobenzene	5.556	168	46991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	85966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69937	62.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.720%#	
35) Dibromofluoromethane	5.391	113	45463	48.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.060%	
50) Toluene-d8	8.653	98	142709	41.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 83.860%#	
62) 4-Bromofluorobenzene	11.079	95	58381	46.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.620%	
Target Compounds						
						Qvalue
6) Chloroethane	1.666	64	125	0.325	ug/l	# 41
9) 1,1,2-Trichlorotrifluo...	2.331	101	558	0.661	ug/l	91
11) Tert butyl alcohol	2.947	59	1061	Below Cal	#	74
12) 1,1-Dichloroethene	2.313	96	237	0.299	ug/l	# 87
16) Acetone	2.392	43	98	0.254	ug/l	# 40
20) Methylene Chloride	2.788	84	347	0.383	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	242	0.240	ug/l	61
31) Cyclohexane	5.550	56	1366	1.099	ug/l	# 27
36) 1,1-Dichloropropene	5.550	75	4716	3.362	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	6189	4.193	ug/l	# 16
44) Trichloroethene	7.135	130	19187	17.910	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	577	0.480	ug/l	# 1
60) Dibromochloromethane	9.275	129	383	0.359	ug/l	# 11
64) Tetrachloroethene	9.281	164	287	0.338	ug/l	# 63
76) 1,2,3-Trichloropropane	11.079	75	35263	40.359	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	35263	130.152	ug/l	# 12

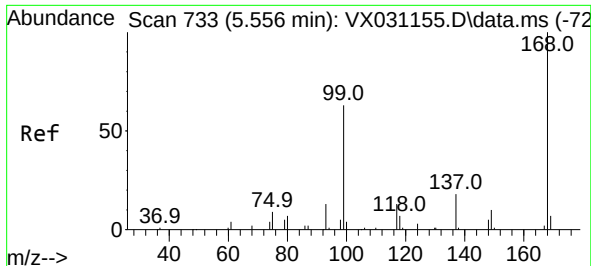
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE125D2-20220824DL

Quant Time: Sep 12 00:58:33 2022
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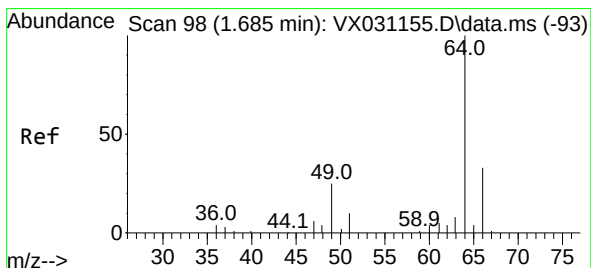
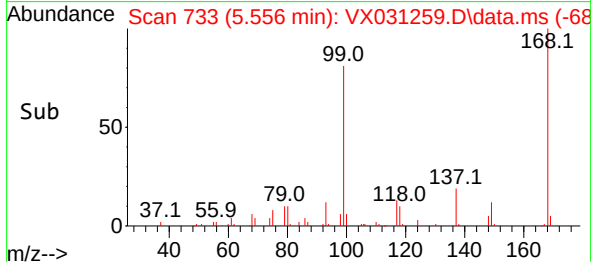
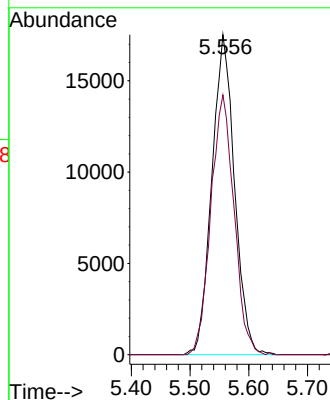
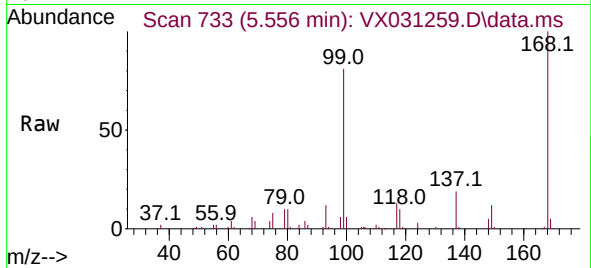




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

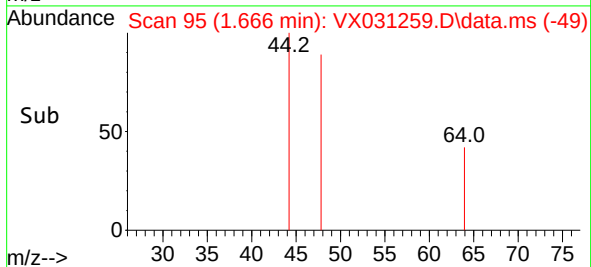
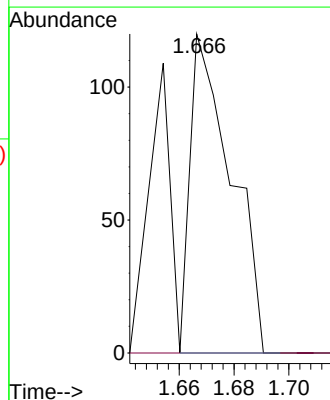
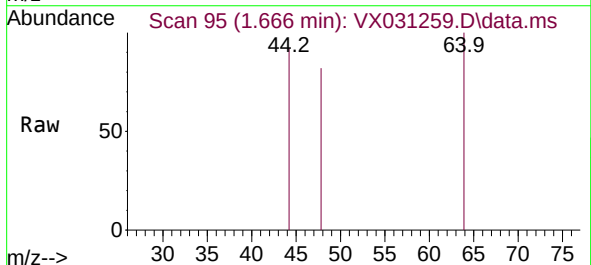
Instrument : MSVOA_X
ClientSampleId : RE125D2-20220824DL

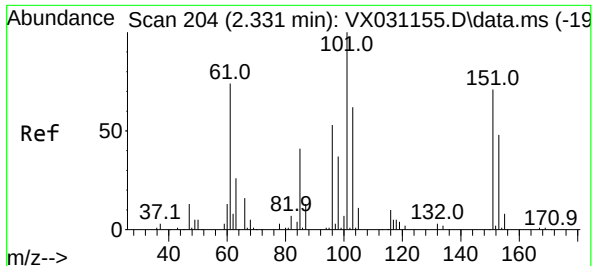
Tgt Ion:168 Resp: 46991
Ion Ratio Lower Upper
168 100
99 81.2 44.0 66.0#



#6
Chloroethane
Concen: 0.325 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

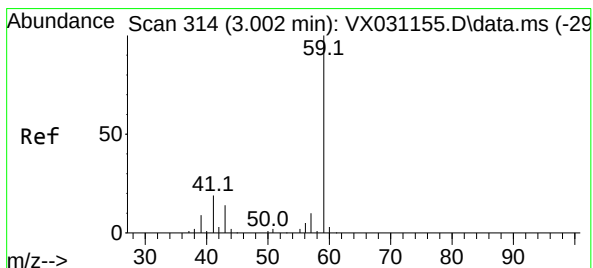
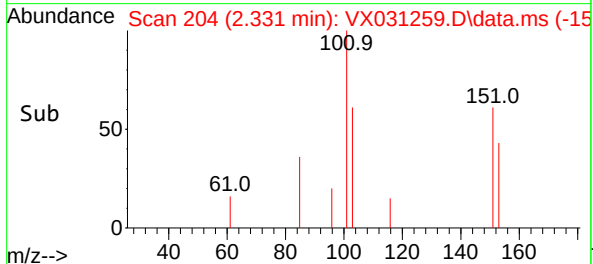
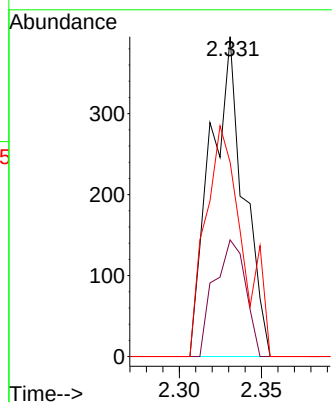
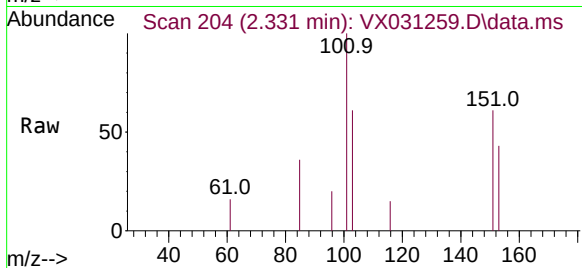




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.661 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

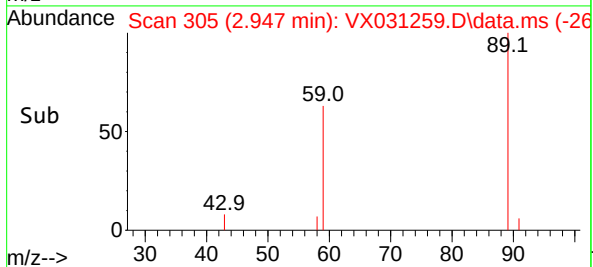
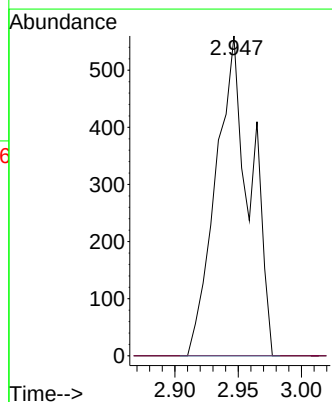
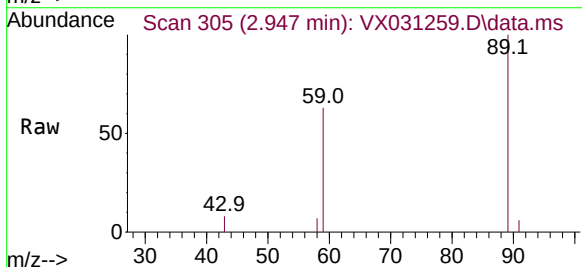
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

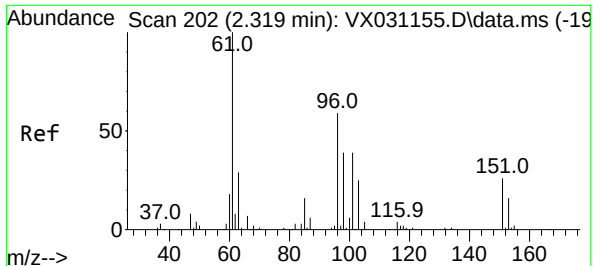
Tgt Ion:101 Resp: 558
Ion Ratio Lower Upper
101 100
85 34.1 34.0 51.0
151 79.7 59.4 89.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 59 Resp: 1061
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.299 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX031259.D

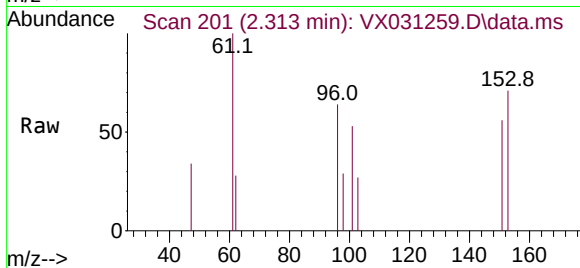
Acq: 09 Sep 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220824DL



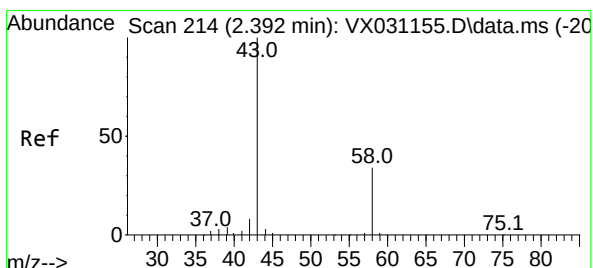
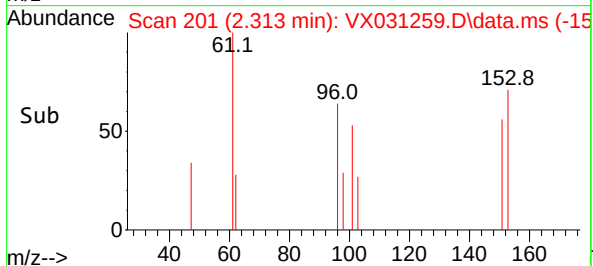
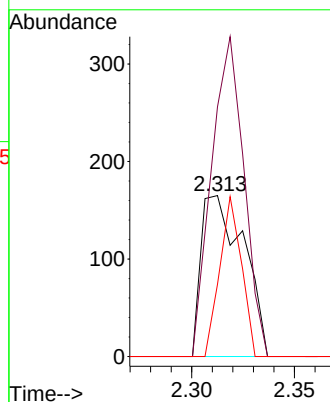
Tgt Ion: 96 Resp: 237

Ion Ratio Lower Upper

96 100

61 155.2 117.4 176.0

98 44.8 52.2 78.4#



#16

Acetone

Concen: 0.254 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031259.D

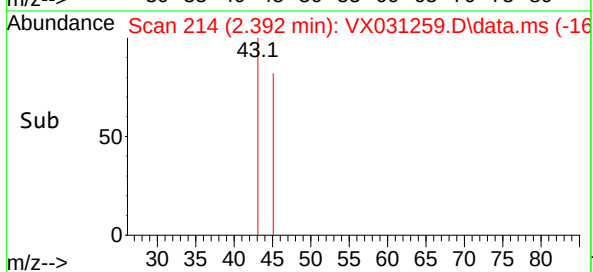
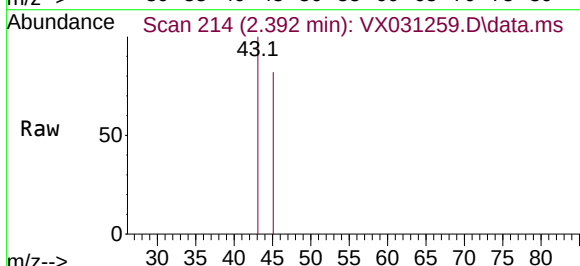
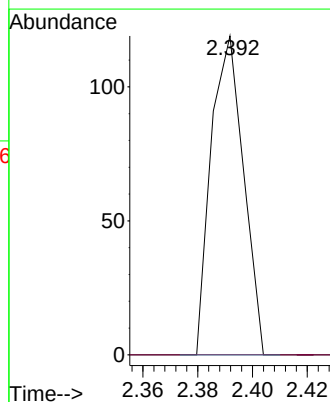
Acq: 09 Sep 2022 16:08

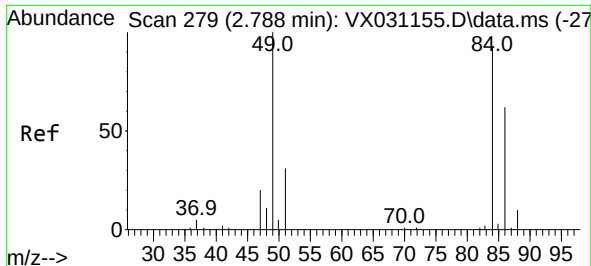
Tgt Ion: 43 Resp: 98

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

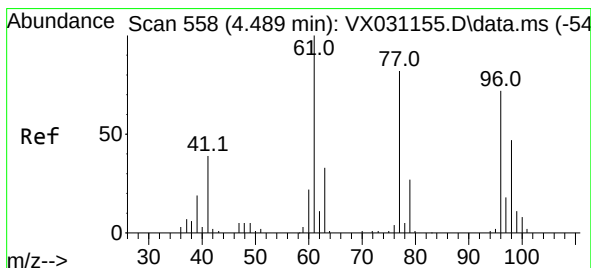
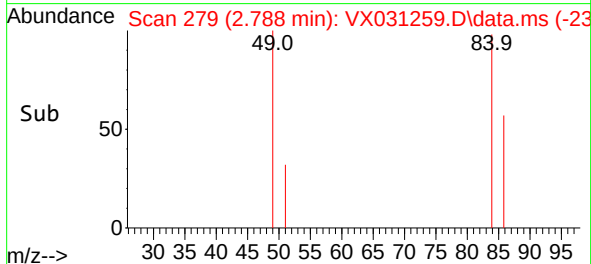
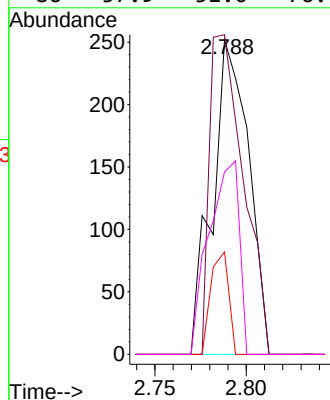
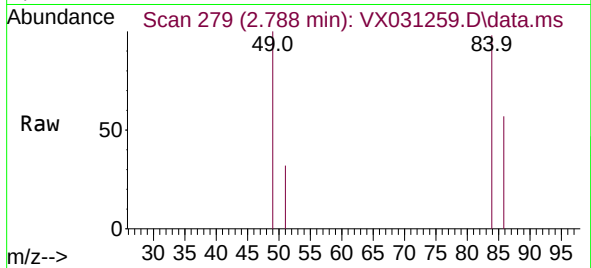




#20
Methylene Chloride
Concen: 0.383 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

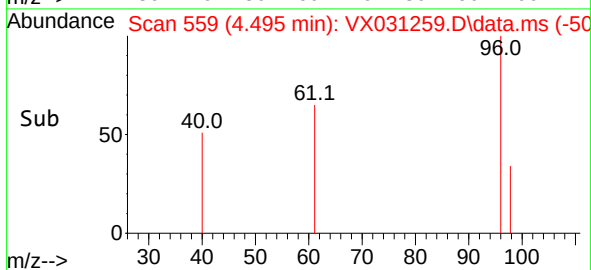
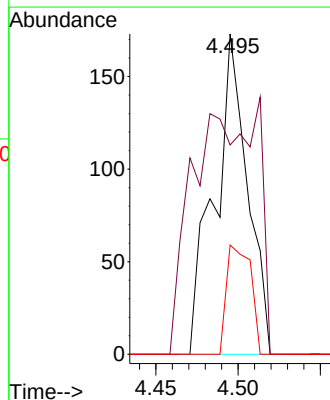
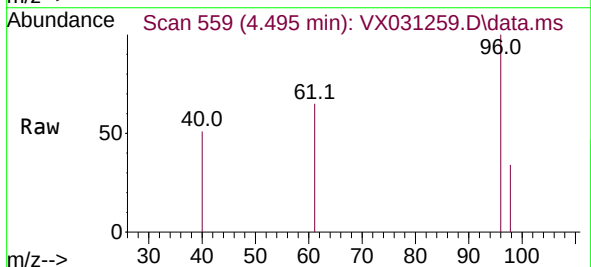
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

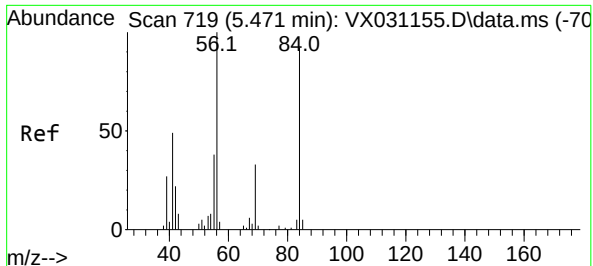
Tgt Ion: 84	Resp: 347
Ion Ratio	Lower Upper
84 100	
49 101.6	93.8 140.6
51 32.5	29.4 44.0
86 57.9	51.0 76.4



#27
cis-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 96	Resp: 242
Ion Ratio	Lower Upper
96 100	
61 95.0	0.0 270.0
98 24.8	0.0 127.8

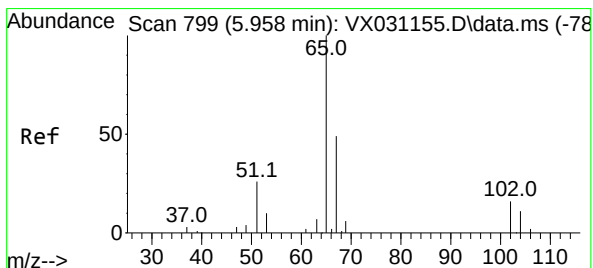
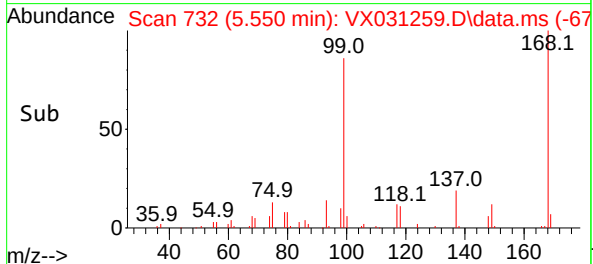
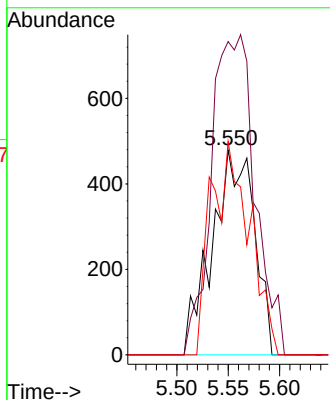
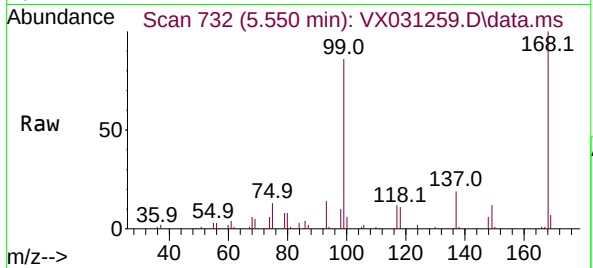




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

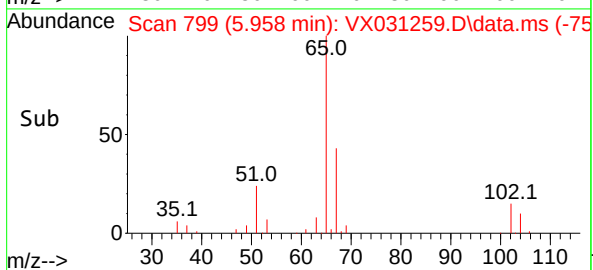
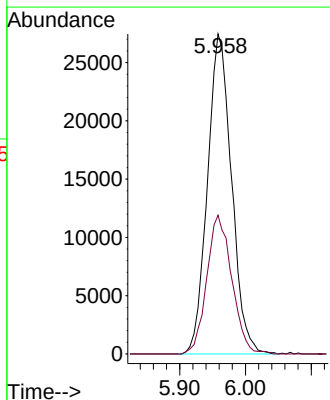
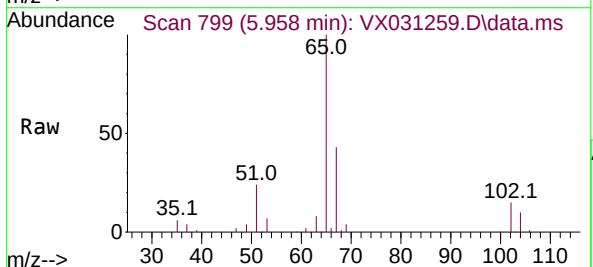
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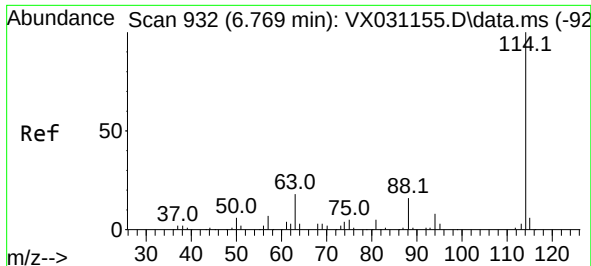
Tgt Ion: 56 Resp: 1366
Ion Ratio Lower Upper
56 100
69 153.0 25.4 38.0#
84 104.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 62.863 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 65 Resp: 69937
Ion Ratio Lower Upper
65 100
67 45.1 0.0 109.6

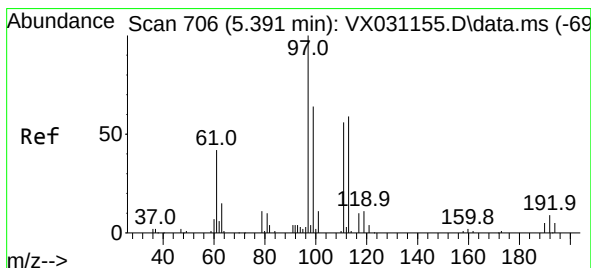
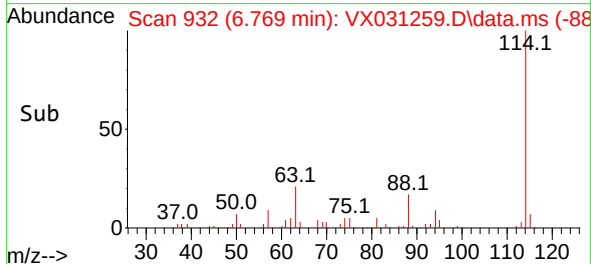
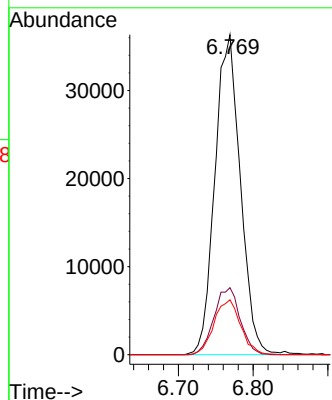
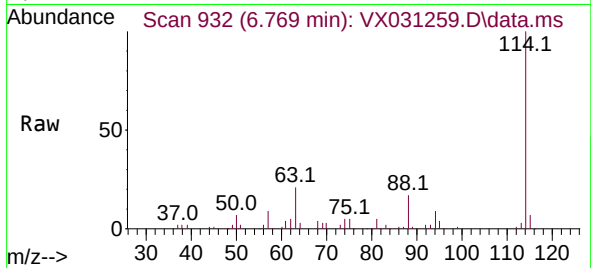




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

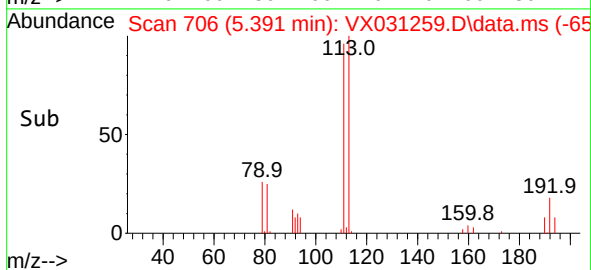
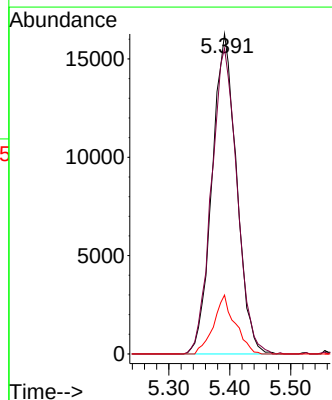
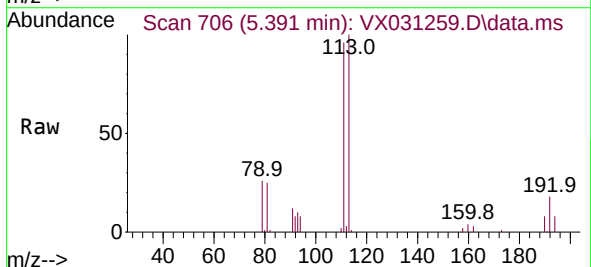
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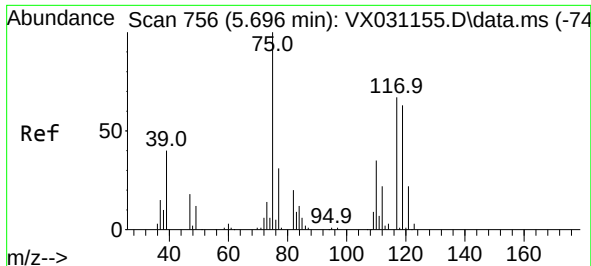
Tgt Ion:114 Resp: 85966
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.4
88 17.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.530 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

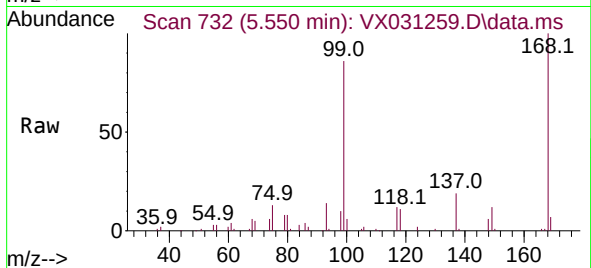
Tgt Ion:113 Resp: 45463
Ion Ratio Lower Upper
113 100
111 99.5 83.2 124.8
192 16.1 14.8 22.2



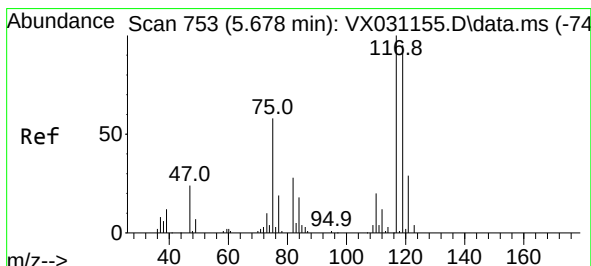
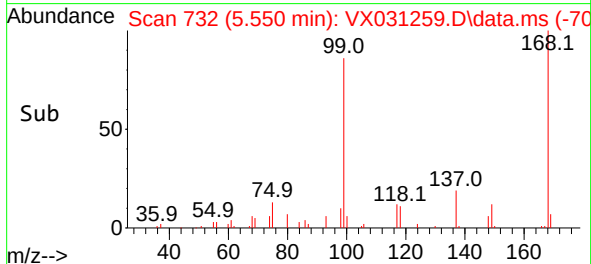
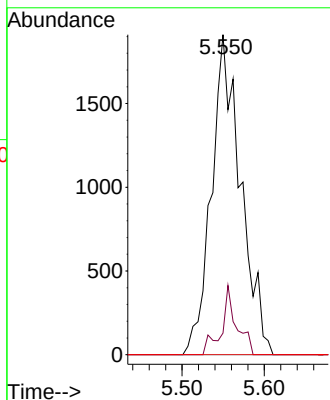


#36
1,1-Dichloropropene
Concen: 3.362 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Instrument :
MSVOA_X
ClientSampleId :
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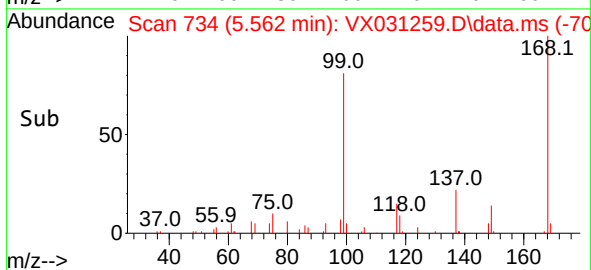
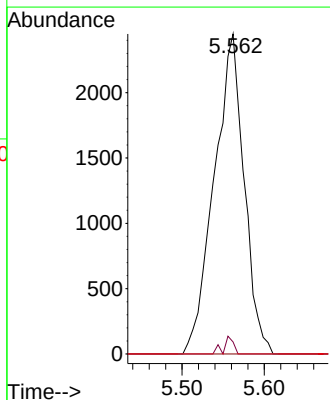
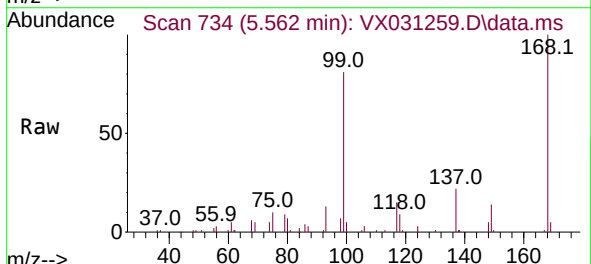


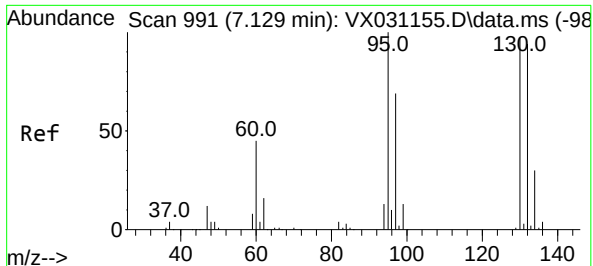
Tgt Ion: 75 Resp: 4716
Ion Ratio Lower Upper
75 100
110 11.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.193 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 117 Resp: 6189
Ion Ratio Lower Upper
117 100
119 3.8 74.1 111.1#
121 0.0 25.8 38.8#

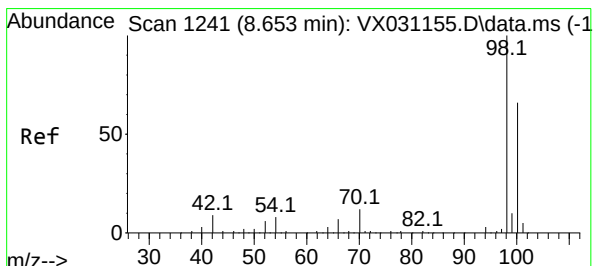
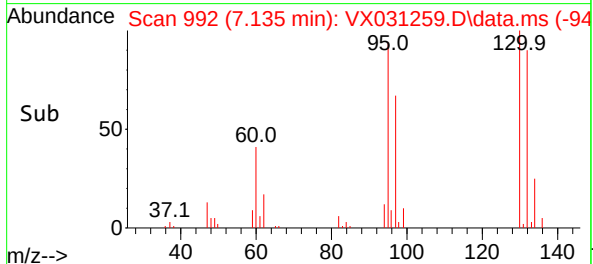
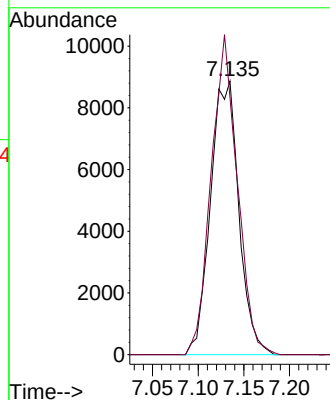
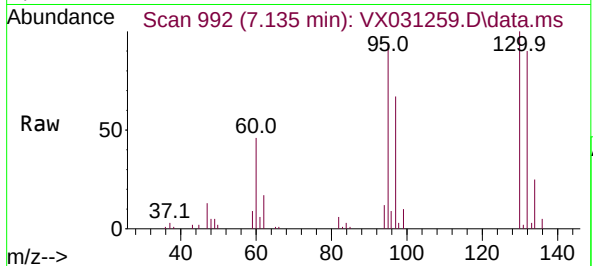




#44
Trichloroethene
Concen: 17.910 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

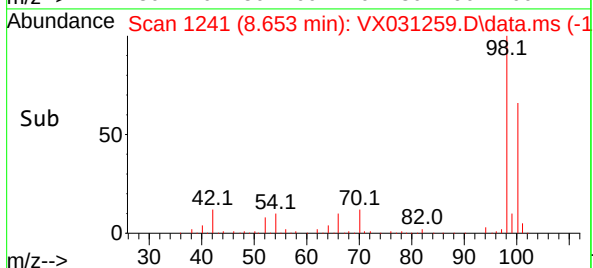
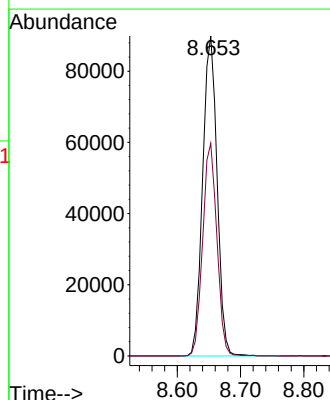
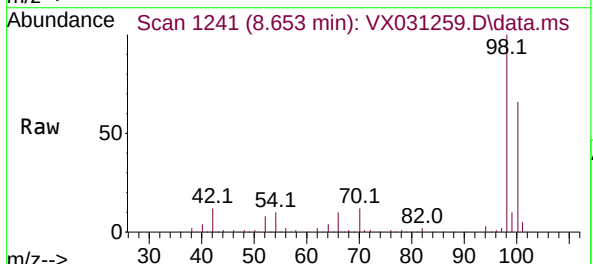
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

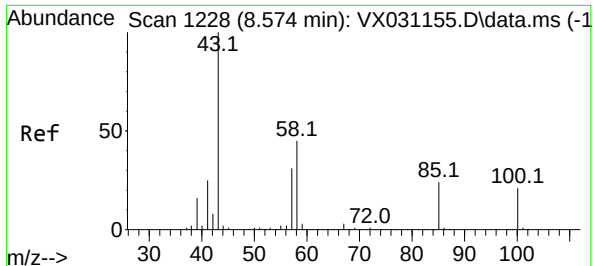
Tgt Ion:130 Resp: 19187
Ion Ratio Lower Upper
130 100
95 94.1 0.0 194.8



#50
Toluene-d8
Concen: 41.929 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 98 Resp: 142709
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.480 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX031259.D

Acq: 09 Sep 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

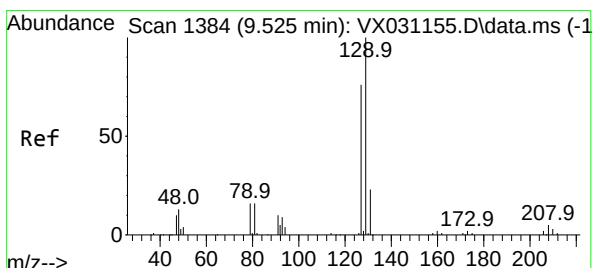
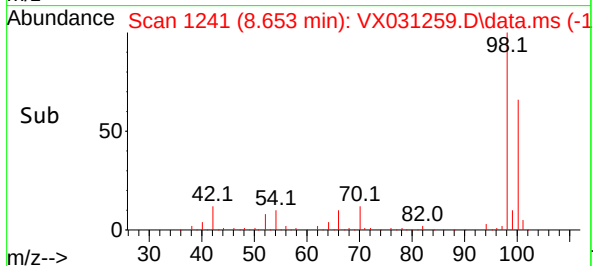
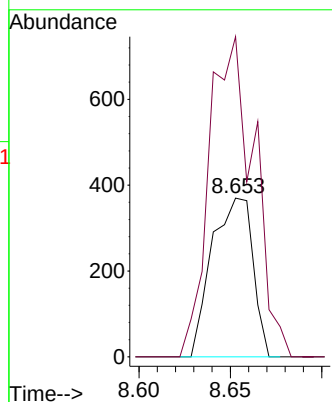
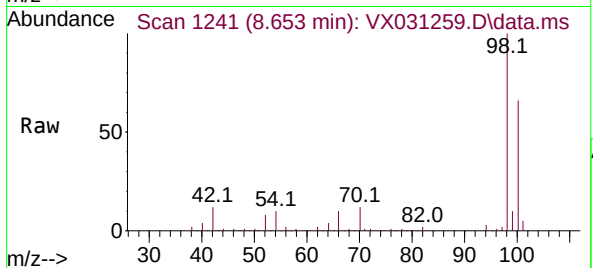
RE125D2-20220824DL

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

58 220.5 31.4 47.2#



#60

Dibromochloromethane

Concen: 0.359 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX031259.D

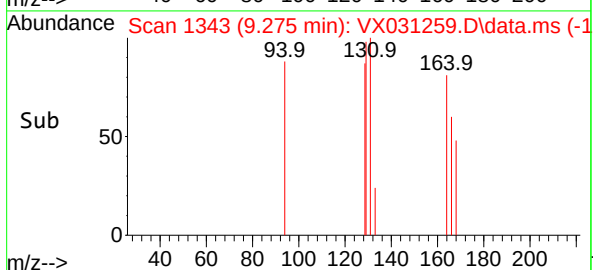
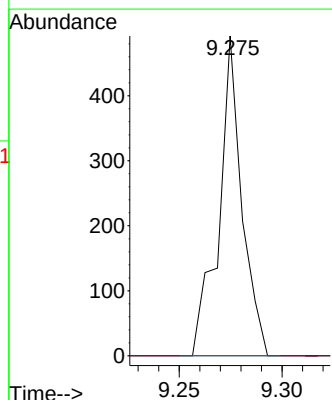
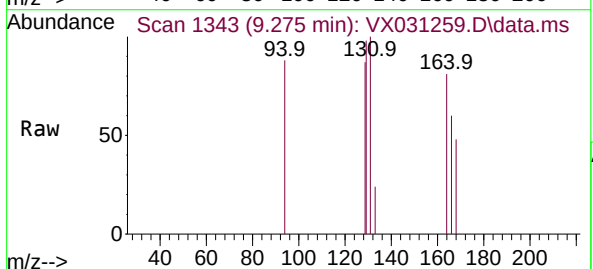
Acq: 09 Sep 2022 16:08

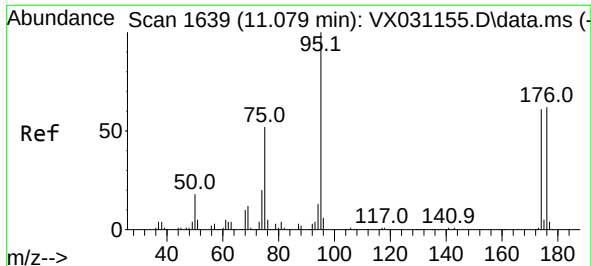
Tgt Ion: 129 Resp: 383

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 46.806 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031259.D

Acq: 09 Sep 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220824DL

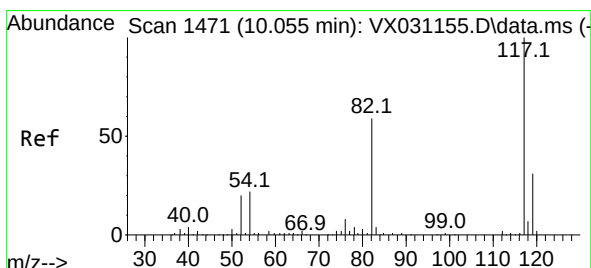
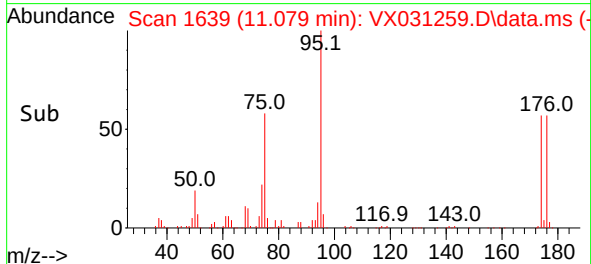
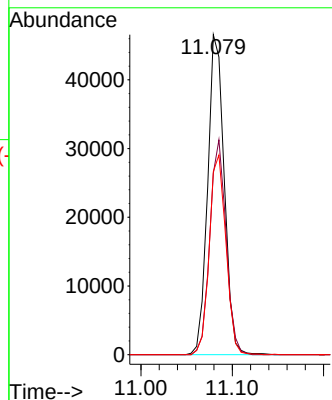
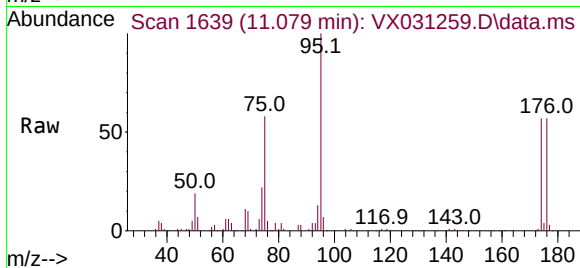
Tgt Ion: 95 Resp: 58381

Ion Ratio Lower Upper

95 100

174 65.9 0.0 149.0

176 62.6 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: VX031259.D

Acq: 09 Sep 2022 16:08

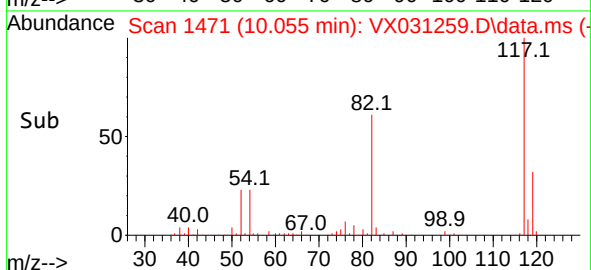
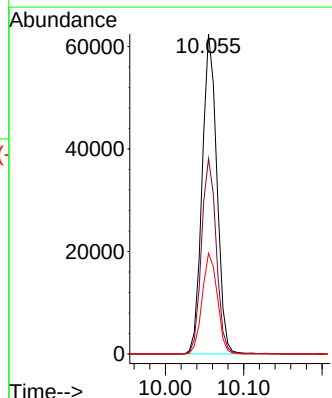
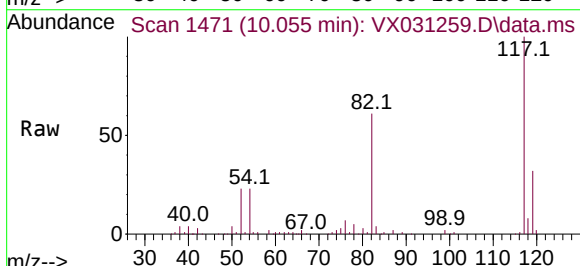
Tgt Ion: 117 Resp: 81512

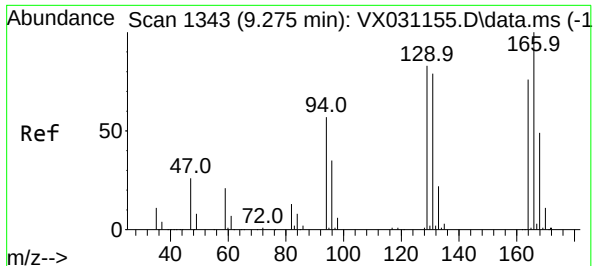
Ion Ratio Lower Upper

117 100

82 61.1 42.7 64.1

119 31.5 25.4 38.2

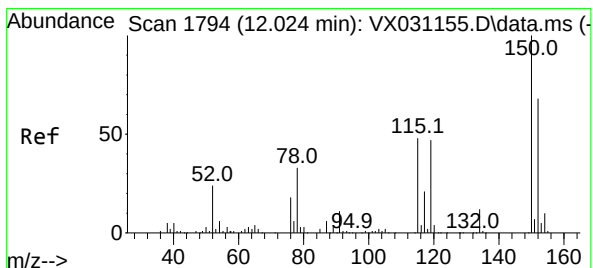
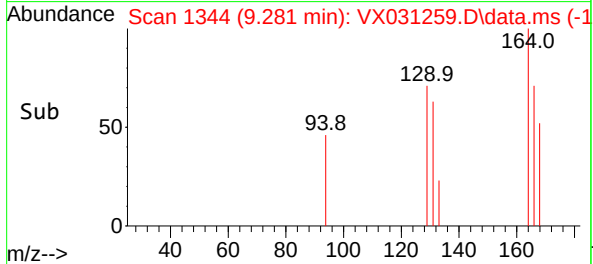
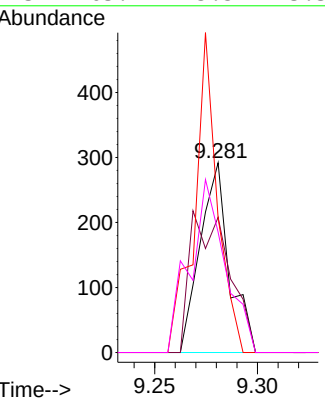
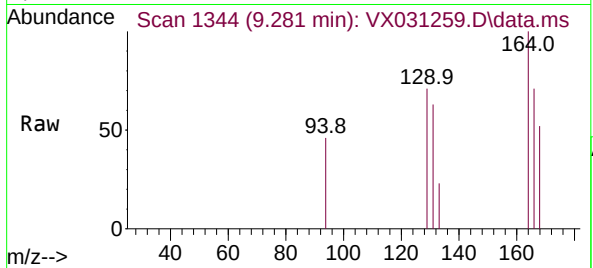




#64
Tetrachloroethene
Concen: 0.338 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

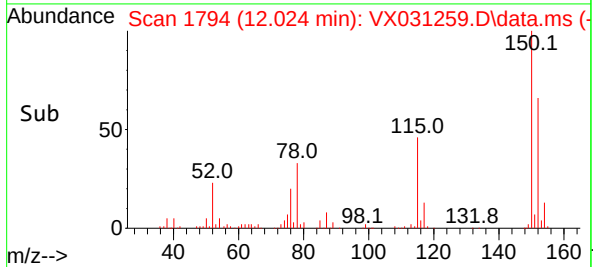
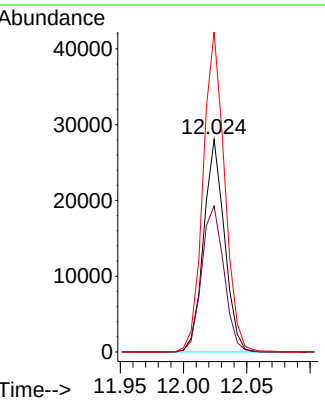
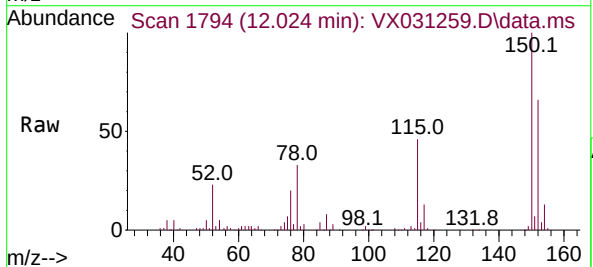
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

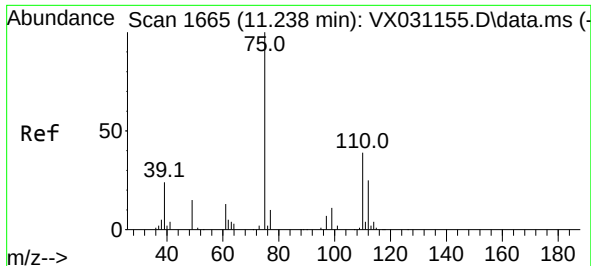
Tgt Ion:164 Resp: 287
Ion Ratio Lower Upper
164 100
166 71.2 98.2 147.4#
129 70.9 80.8 121.2#
131 63.4 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion:152 Resp: 32015
Ion Ratio Lower Upper
152 100
115 73.6 40.5 121.5
150 155.9 0.0 347.0

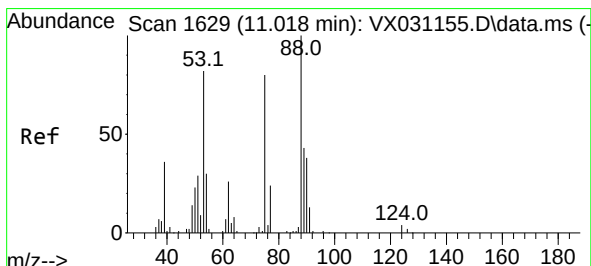
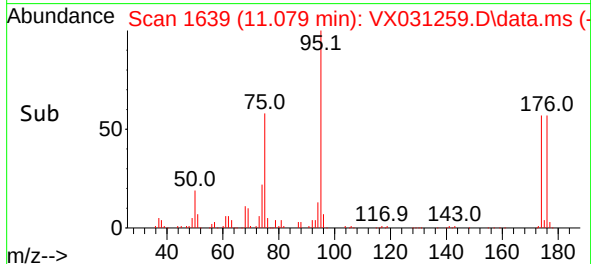
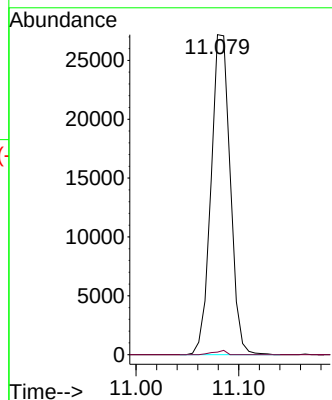
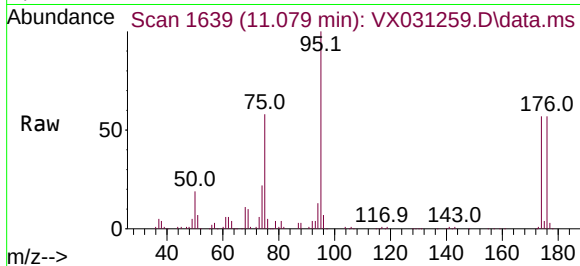




#76
1,2,3-Trichloropropane
Concen: 40.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220824DL

Tgt Ion: 75 Resp: 35263
Ion Ratio Lower Upper
75 100
77 0.9 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031259.D
Acq: 09 Sep 2022 16:08

Tgt Ion: 75 Resp: 35263
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

