

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031232.D
 Acq On : 08 Sep 2022 23:19
 Operator : JC/MD
 Sample : N4360-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220824RE

Quant Time: Sep 09 01:12:39 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)

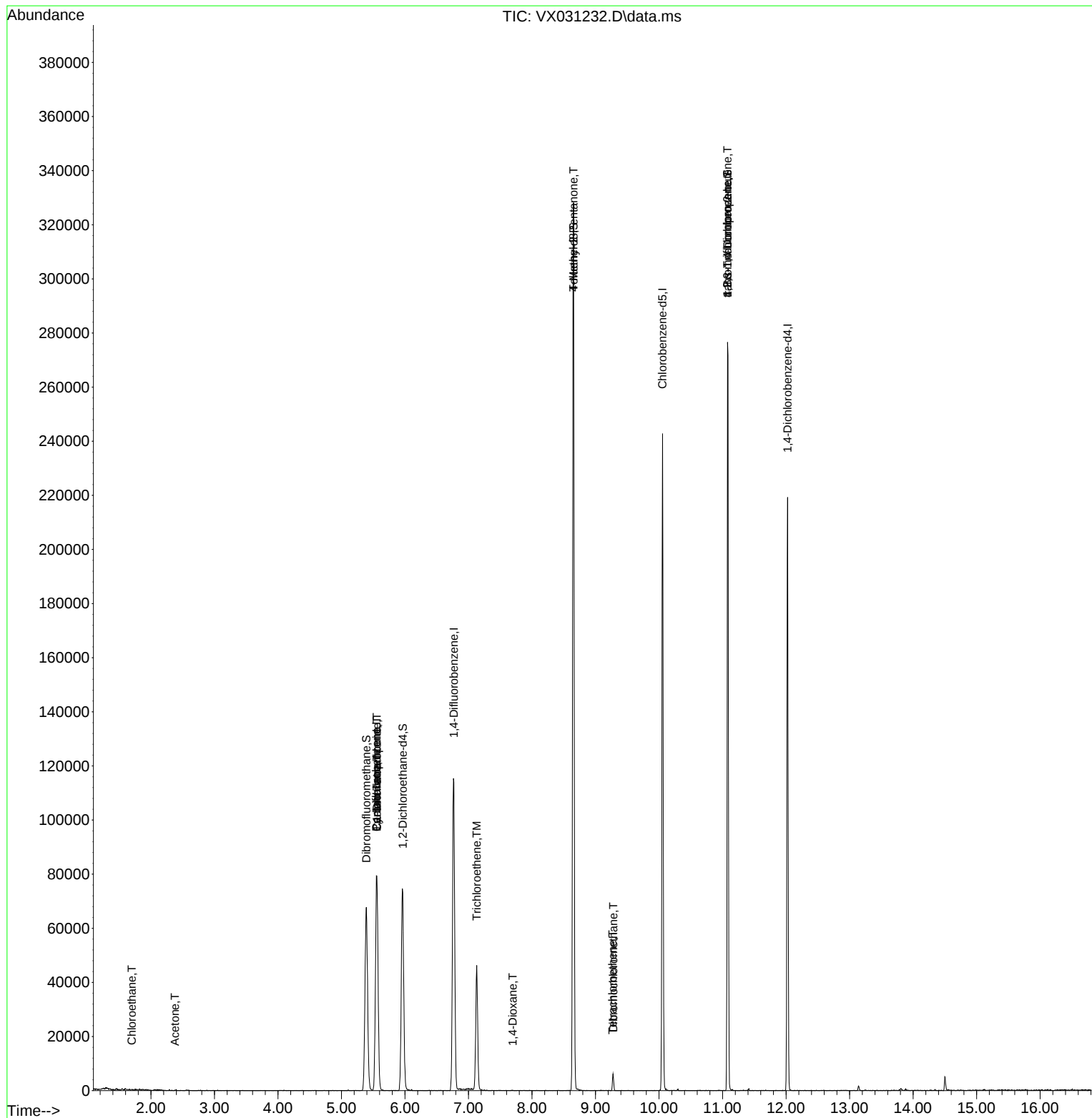
Internal Standards						
1) Pentafluorobenzene	5.550	168	67369	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81985	51.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.800%
35) Dibromofluoromethane	5.391	113	58856	46.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.653	98	193013	42.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.340%#
62) 4-Bromofluorobenzene	11.079	95	76161	45.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.820%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	204	0.370	ug/l	# 41
16) Acetone	2.380	43	134	0.243	ug/l	# 40
31) Cyclohexane	5.556	56	1692	0.949	ug/l	# 48
36) 1,1-Dichloropropene	5.556	75	5773	3.060	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	8524	4.295	ug/l	# 17
44) Trichloroethene	7.129	130	17108	11.877	ug/l	95
49) 1,4-Dioxane	7.696	88	138	3.891	ug/l	# 34
51) 4-Methyl-2-Pentanone	8.653	43	906	0.561	ug/l	# 1
60) Dibromochloromethane	9.281	129	1183	0.826	ug/l	# 11
64) Tetrachloroethene	9.269	164	1026	0.993	ug/l	# 82
76) 1,2,3-Trichloropropane	11.079	75	44234	39.790	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	44234	128.317	ug/l	# 12

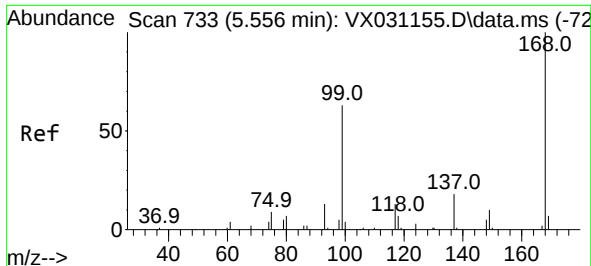
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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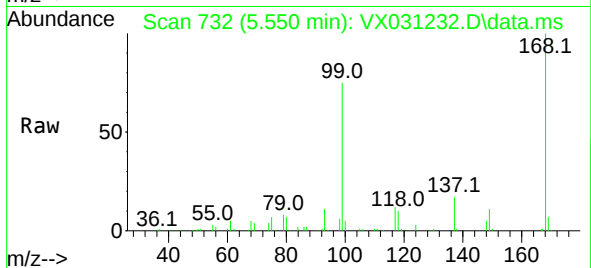
Quant Time: Sep 09 01:12:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
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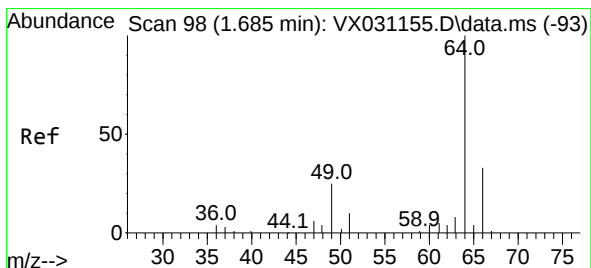
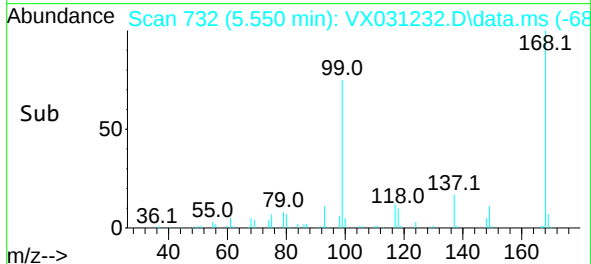
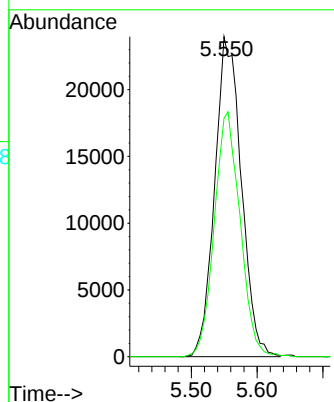


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :
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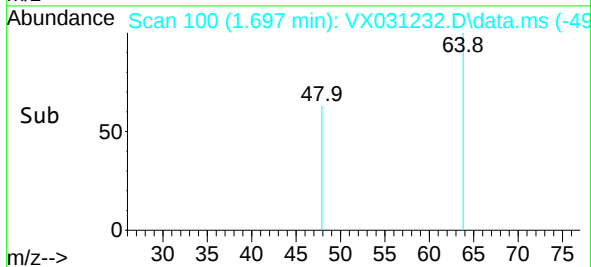
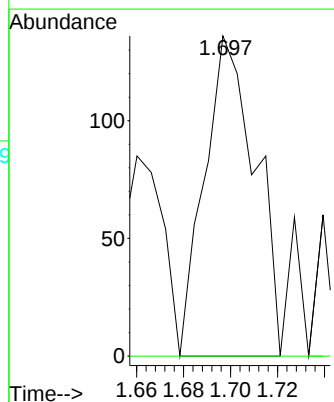
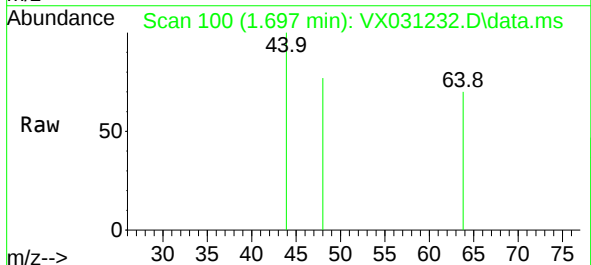


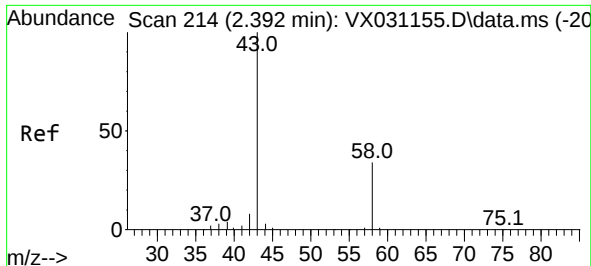
Tgt Ion:168 Resp: 67369
Ion Ratio Lower Upper
168 100
99 74.6 44.0 66.0#



#6
Chloroethane
Concen: 0.370 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

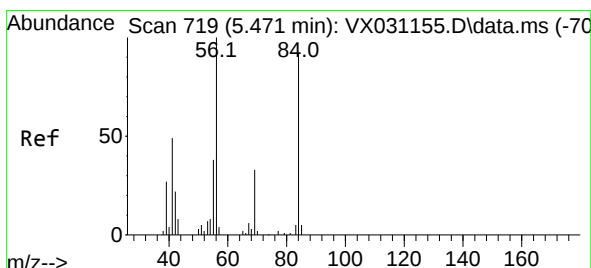
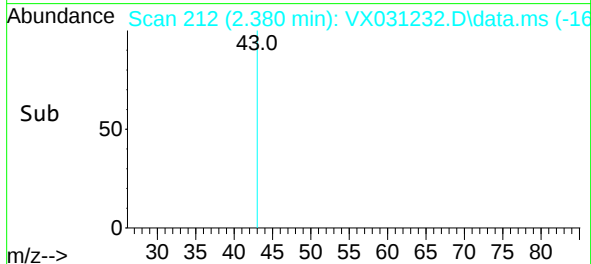
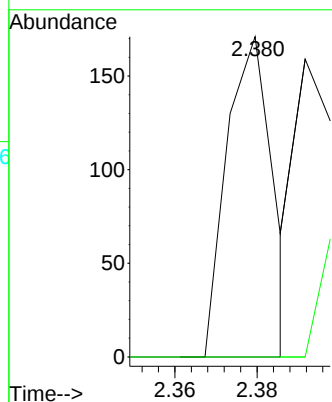
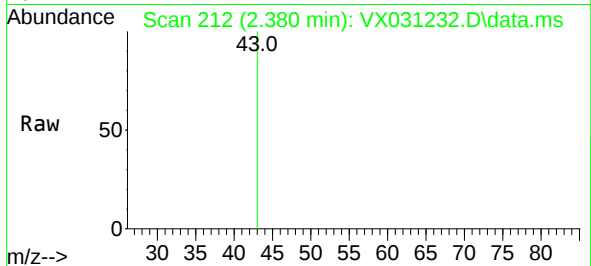




#16
Acetone
Concen: 0.243 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

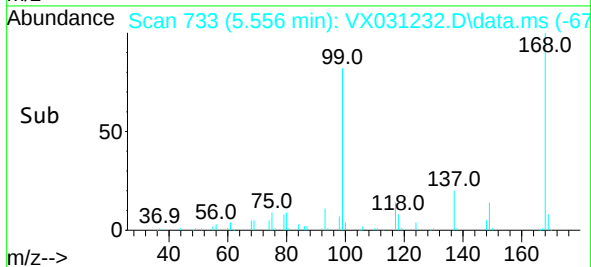
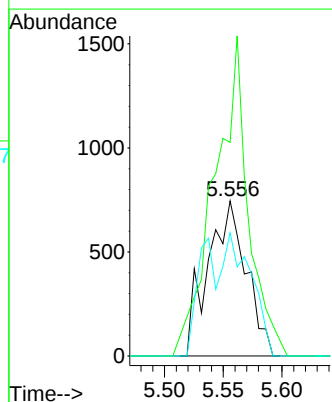
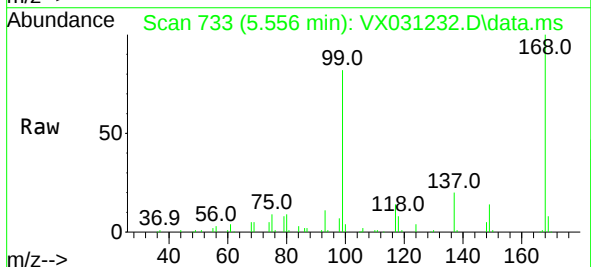
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824RE

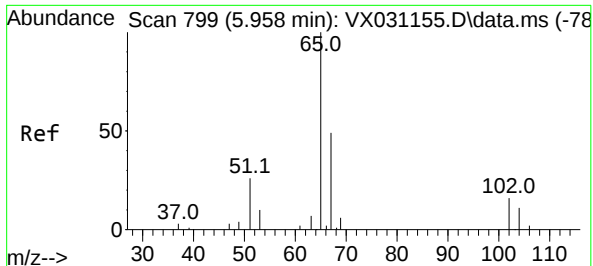
Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Tgt Ion: 56 Resp: 1692
Ion Ratio Lower Upper
56 100
69 128.2 25.4 38.0#
84 79.5 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 51.401 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031232.D

Acq: 08 Sep 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

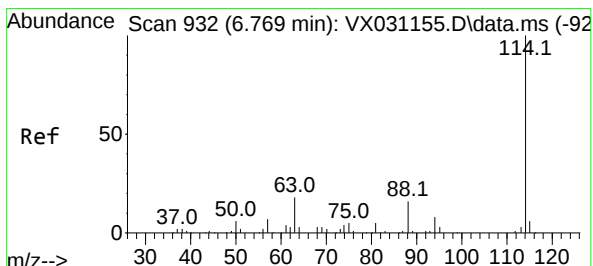
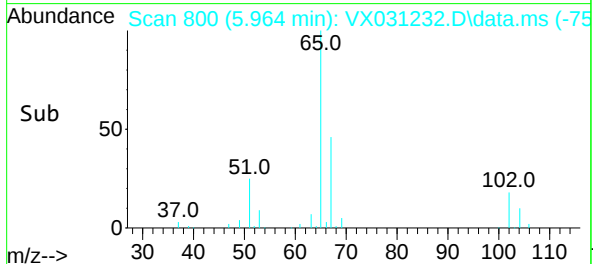
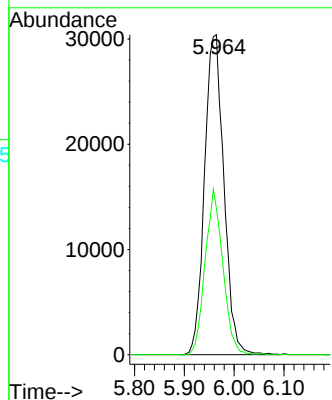
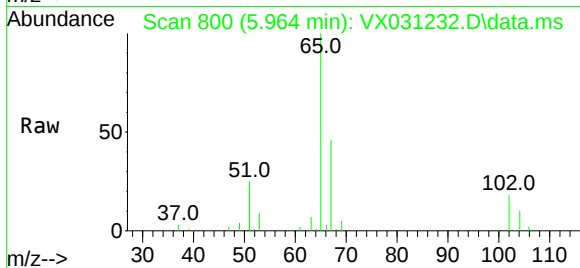
DUP01-20220824RE

Tgt Ion: 65 Resp: 81985

Ion Ratio Lower Upper

65 100

67 47.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031232.D

Acq: 08 Sep 2022 23:19

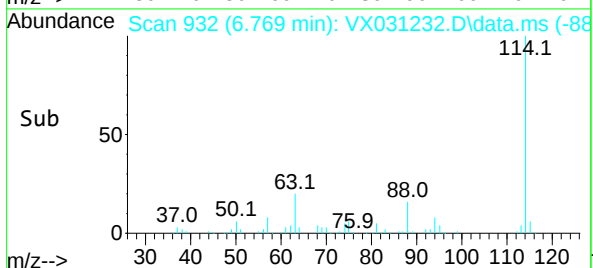
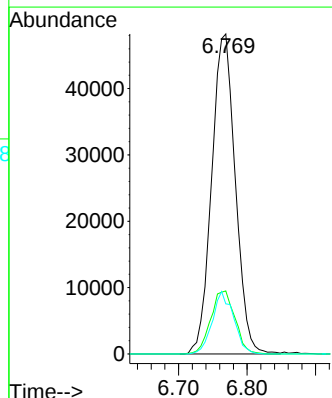
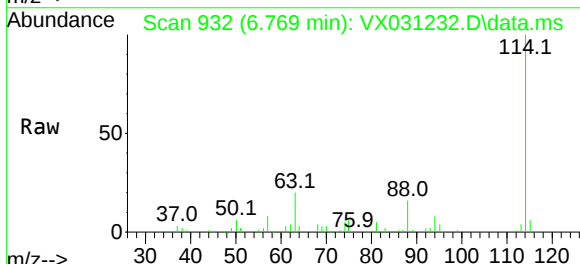
Tgt Ion: 114 Resp: 115592

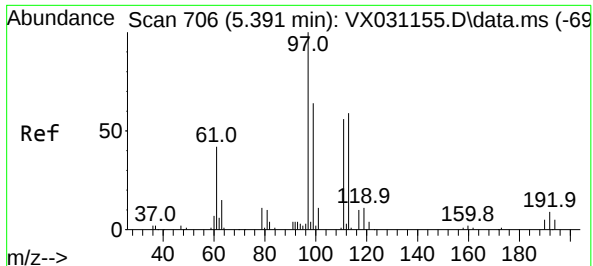
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.724 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031232.D

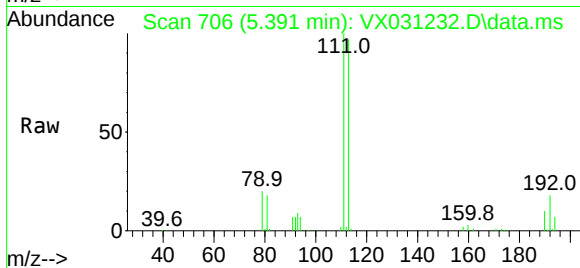
Acq: 08 Sep 2022 23:19

Instrument :

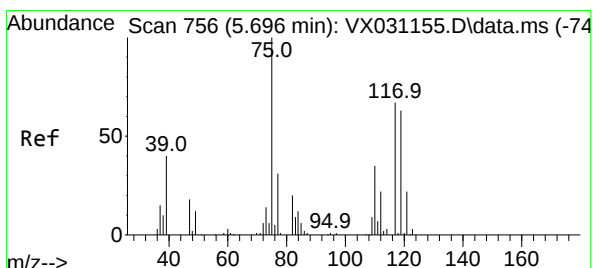
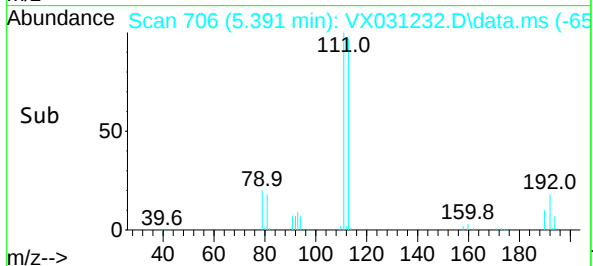
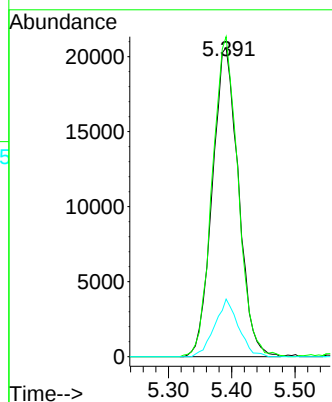
MSVOA_X

ClientSampleId :

DUP01-20220824RE



Tgt Ion:	113	Resp:	58856
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.2	124.8
192	17.0	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.060 ug/l

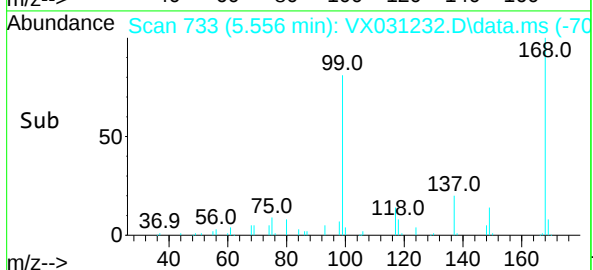
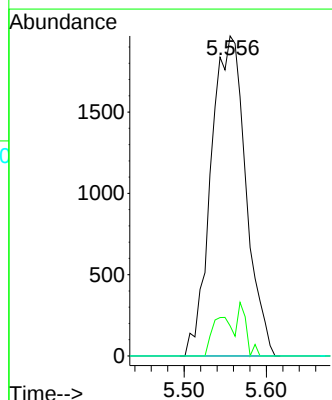
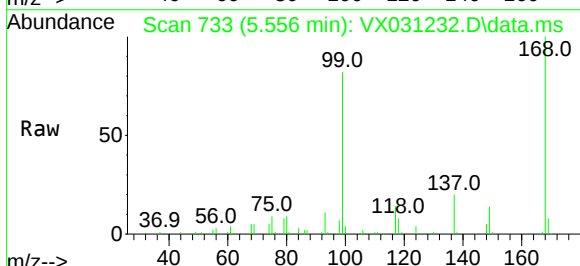
RT: 5.556 min Scan# 733

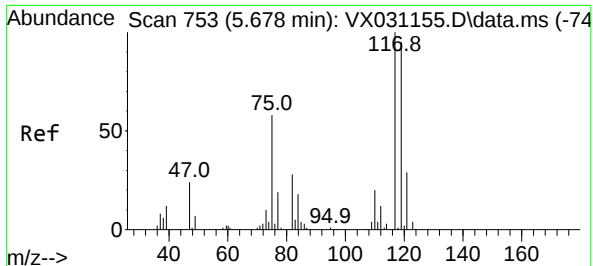
Delta R.T. -0.140 min

Lab File: VX031232.D

Acq: 08 Sep 2022 23:19

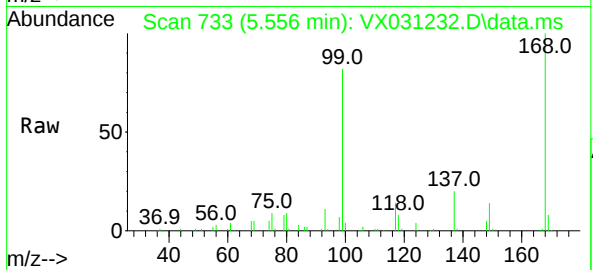
Tgt Ion:	75	Resp:	5773
Ion	Ratio	Lower	Upper
75	100		
110	7.1	19.3	57.9#
77	0.0	24.4	36.6#



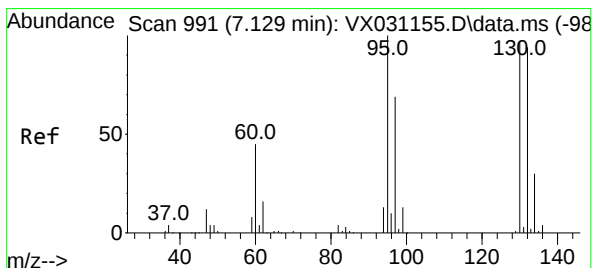
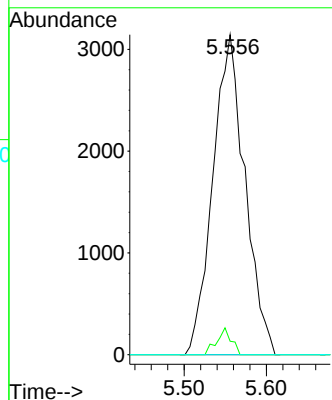
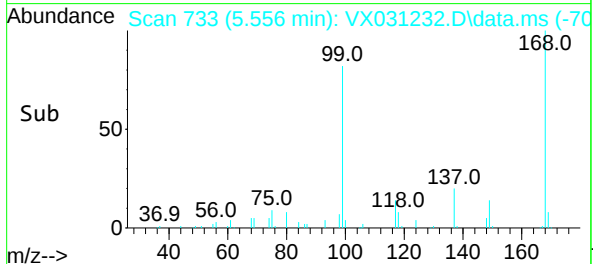


#38
Carbon Tetrachloride
Concen: 4.295 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824RE

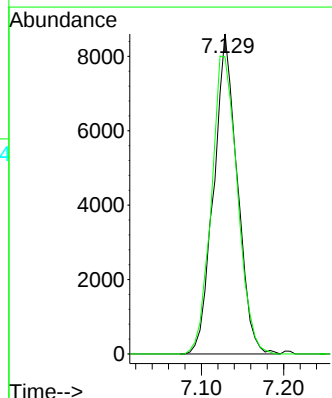
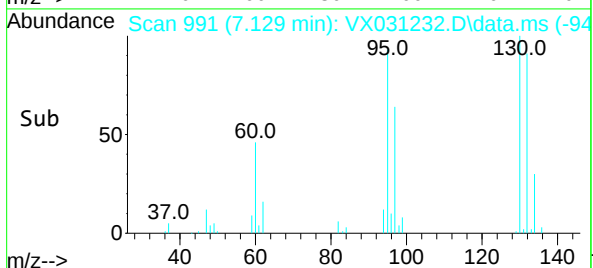
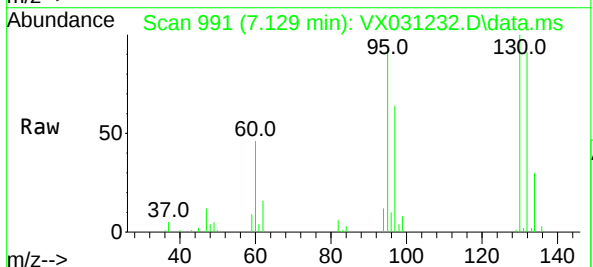


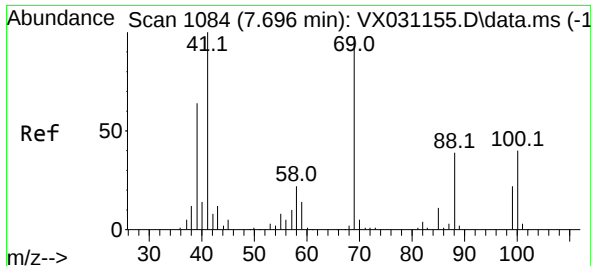
Tgt Ion:117 Resp: 8524
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 11.877 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Tgt Ion:130 Resp: 17108
Ion Ratio Lower Upper
130 100
95 92.9 0.0 194.8





#49

1,4-Dioxane

Concen: 3.891 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX031232.D

Acq: 08 Sep 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220824RE

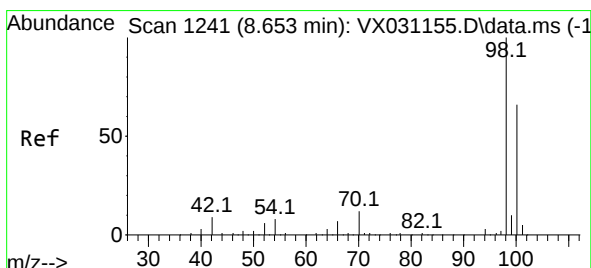
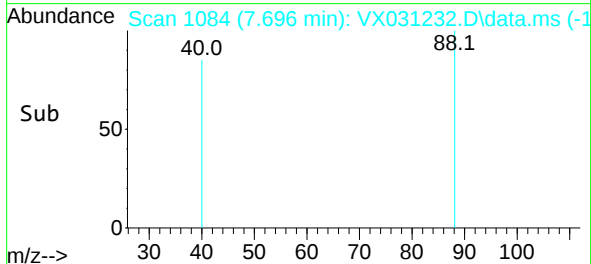
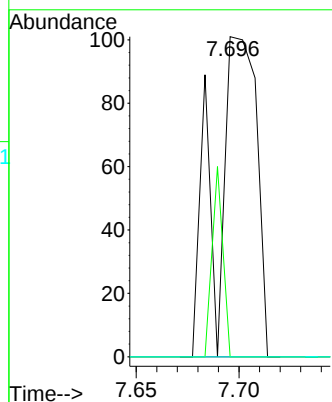
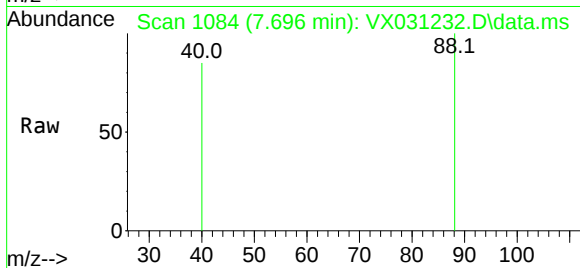
Tgt Ion: 88 Resp: 138

Ion Ratio Lower Upper

88 100

43 15.9 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 42.174 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031232.D

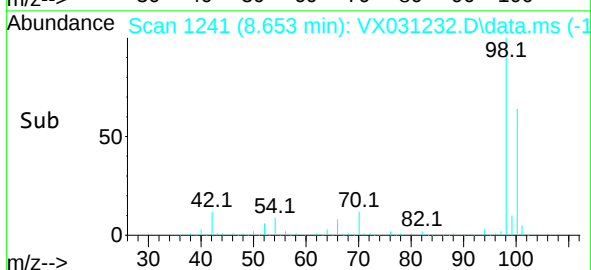
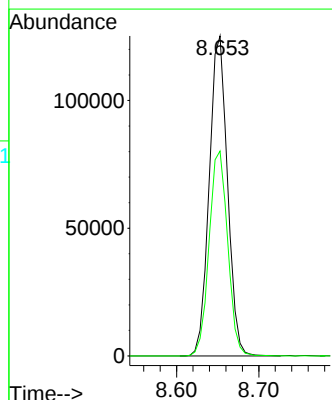
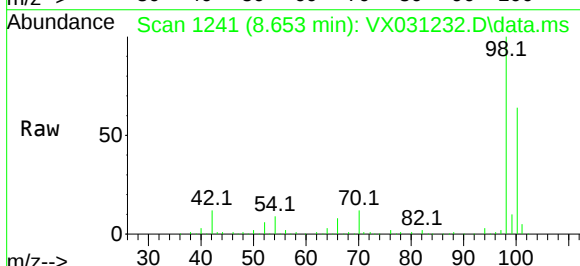
Acq: 08 Sep 2022 23:19

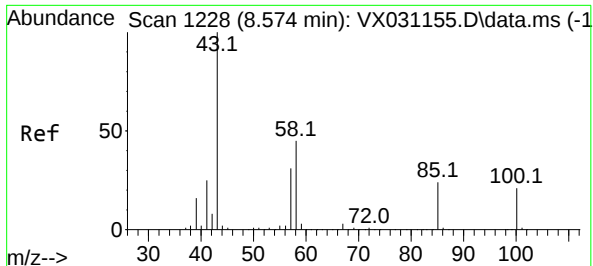
Tgt Ion: 98 Resp: 193013

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

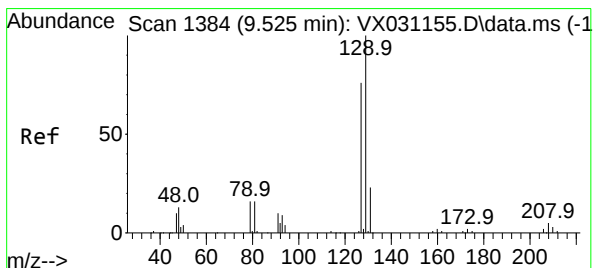
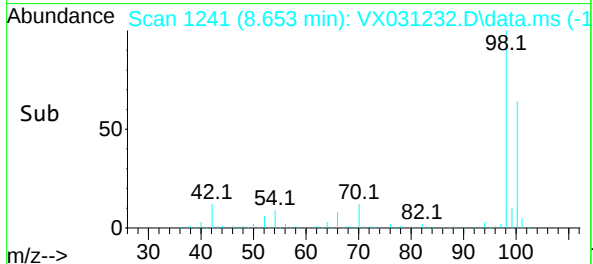
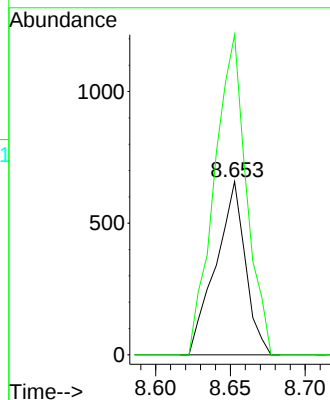
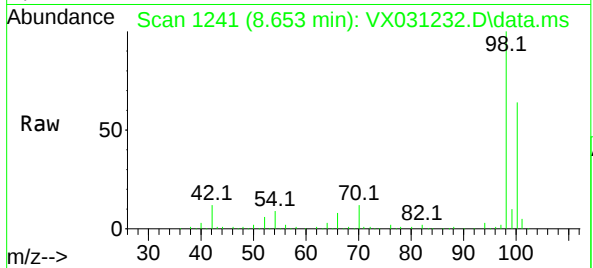




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

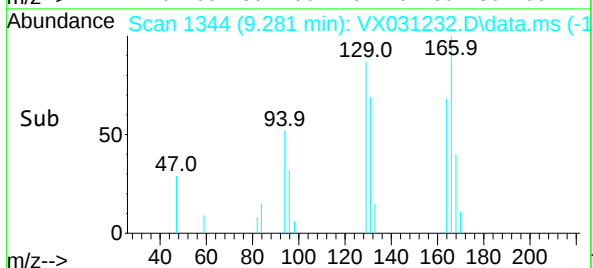
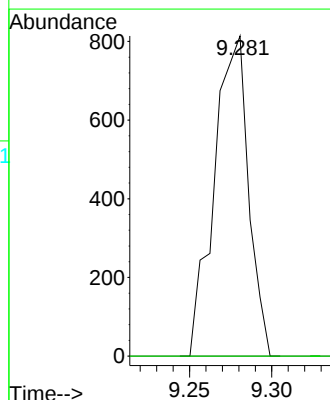
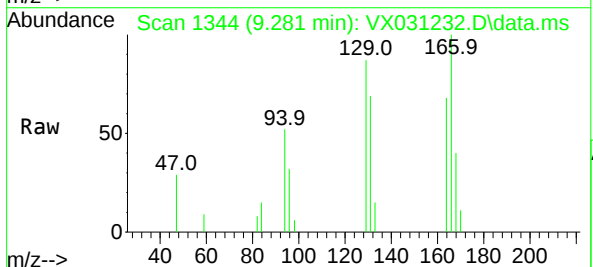
Instrument :
MSVOA_X
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DUP01-20220824RE

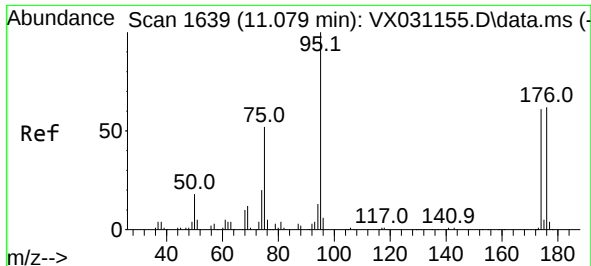
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 199.9 31.4 47.2#



#60
Dibromochloromethane
Concen: 0.826 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Tgt Ion: 129 Resp: 1183
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 45.411 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031232.D

Acq: 08 Sep 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220824RE

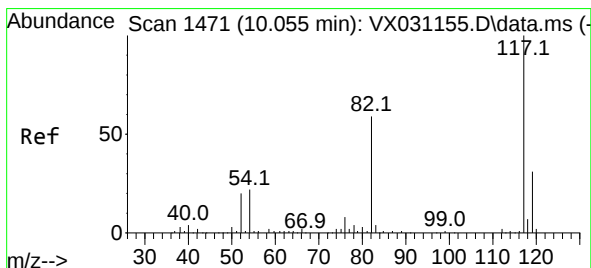
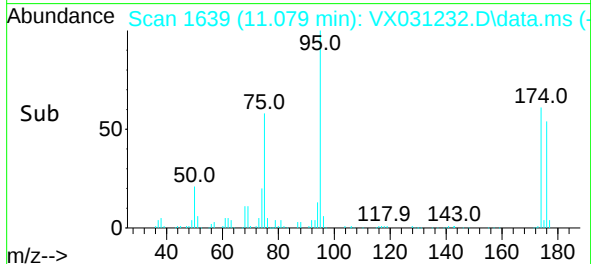
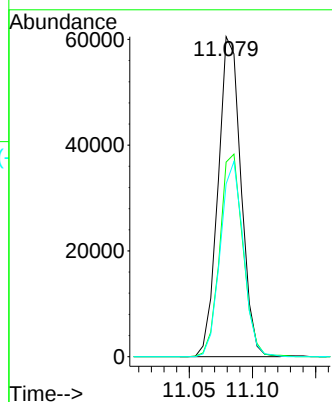
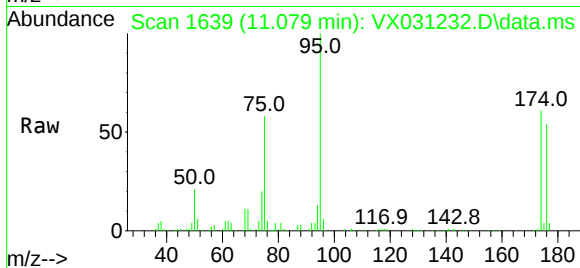
Tgt Ion: 95 Resp: 76161

Ion Ratio Lower Upper

95 100

174 64.2 0.0 149.0

176 61.2 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: VX031232.D

Acq: 08 Sep 2022 23:19

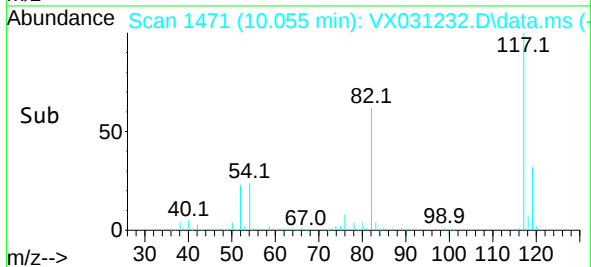
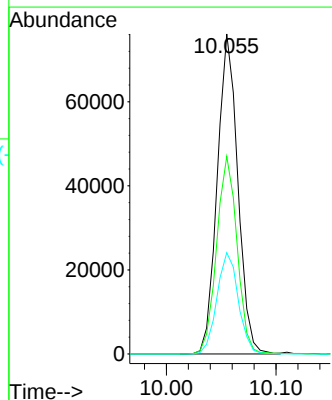
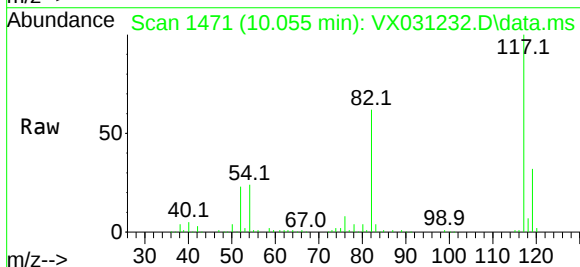
Tgt Ion: 117 Resp: 99225

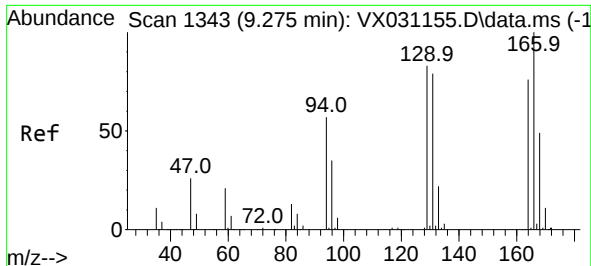
Ion Ratio Lower Upper

117 100

82 61.7 42.7 64.1

119 31.6 25.4 38.2

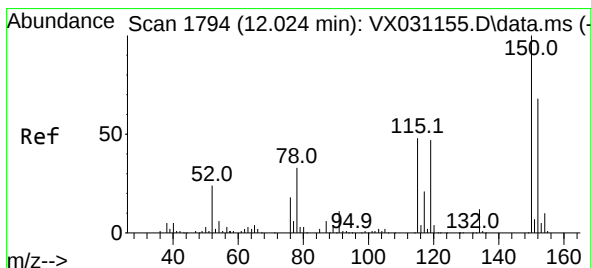
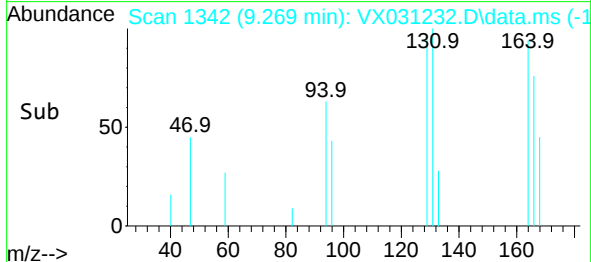
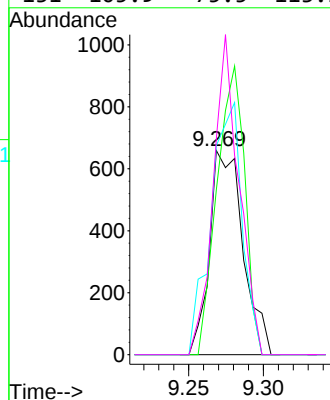
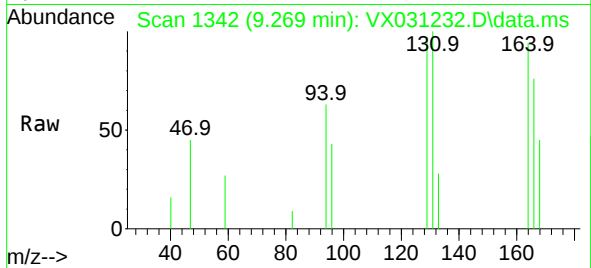




#64
Tetrachloroethene
Concen: 0.993 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

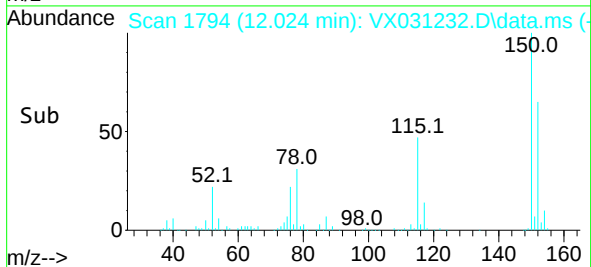
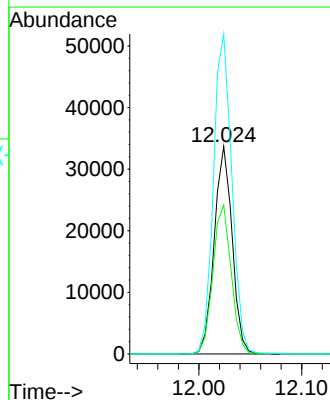
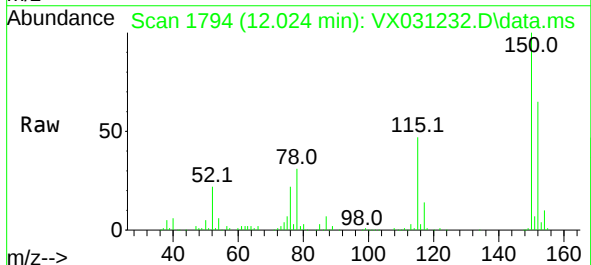
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824RE

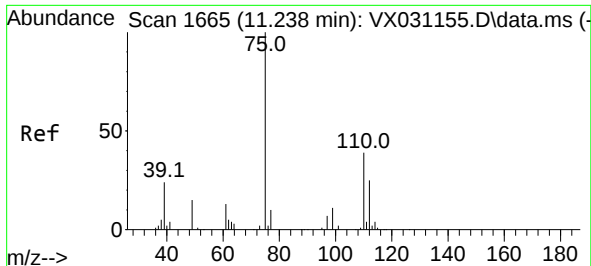
Tgt Ion:164	Resp:	1026
Ion	Ratio	Lower Upper
164	100	
166	80.9	98.2 147.4#
129	102.4	80.8 121.2
131	105.9	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Tgt Ion:152	Resp:	40734
Ion	Ratio	Lower Upper
152	100	
115	73.3	40.5 121.5
150	158.3	0.0 347.0

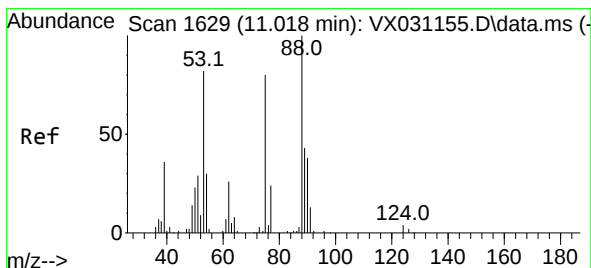
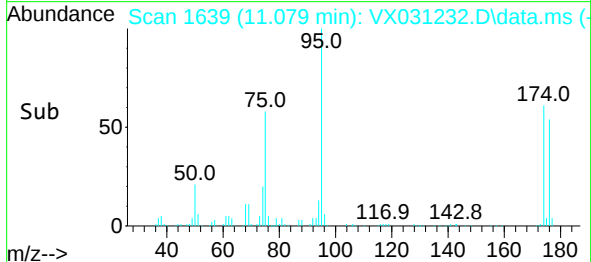
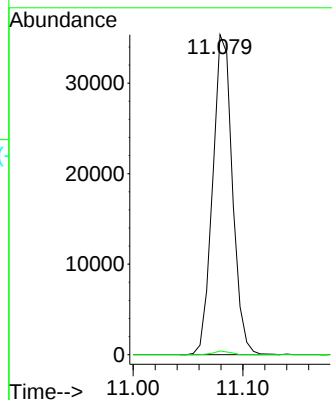
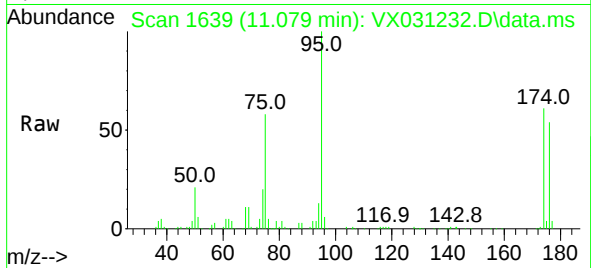




#76
1,2,3-Trichloropropane
Concen: 39.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220824RE

Tgt Ion: 75 Resp: 44234
Ion Ratio Lower Upper
75 100
77 0.9 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031232.D
Acq: 08 Sep 2022 23:19

Tgt Ion: 75 Resp: 44234
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

