

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031229.D
 Acq On : 08 Sep 2022 22:09
 Operator : JC/MD
 Sample : N4360-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT174I1-20220823RE

Quant Time: Sep 09 01:12:11 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)

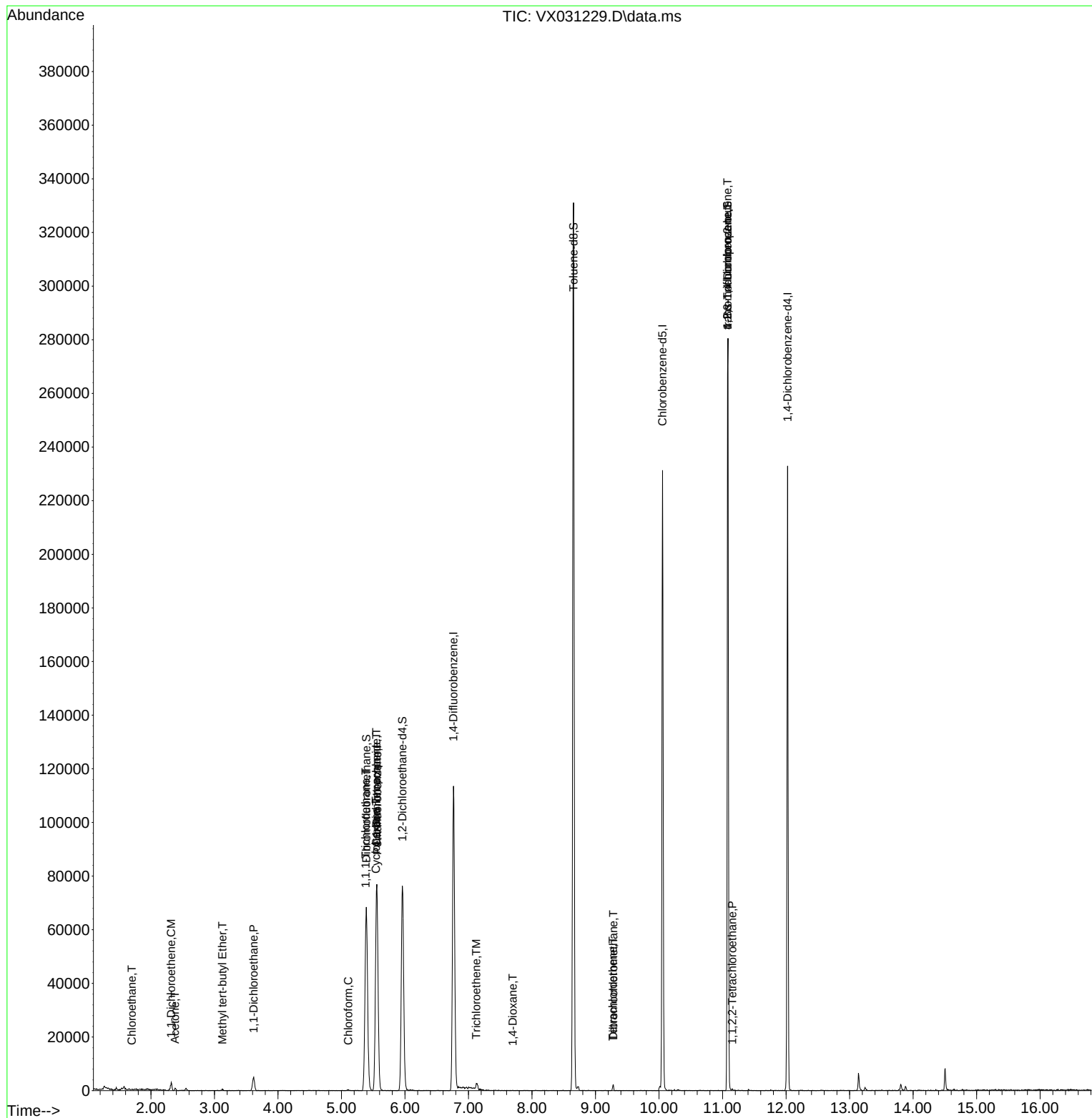
Internal Standards						
1) Pentafluorobenzene	5.562	168	61598	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	108385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85784	58.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.640%
35) Dibromofluoromethane	5.391	113	58111	49.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	8.653	98	195862	45.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.280%
62) 4-Bromofluorobenzene	11.079	95	77504	49.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%
Target Compounds						
					Qvalue	
6) Chloroethane	1.696	64	248	0.492	ug/l	# 41
12) 1,1-Dichloroethene	2.318	96	1027	0.987	ug/l	99
16) Acetone	2.379	43	1026	2.032	ug/l	# 67
19) Methyl tert-butyl Ether	3.123	73	745	0.202	ug/l	# 52
24) 1,1-Dichloroethane	3.617	63	5579	2.867	ug/l	98
30) Chloroform	5.104	83	547	0.238	ug/l	96
31) Cyclohexane	5.543	56	1135	0.696	ug/l	# 57
32) 1,1,1-Trichloroethane	5.379	97	933	0.450	ug/l	# 42
36) 1,1-Dichloropropene	5.549	75	5865	3.316	ug/l	# 44
38) Carbon Tetrachloride	5.549	117	8344	4.484	ug/l	# 16
44) Trichloroethene	7.122	130	880	0.652	ug/l	86
49) 1,4-Dioxane	7.695	88	57	1.714	ug/l	# 25
60) Dibromochloromethane	9.280	129	352	0.262	ug/l	# 11
64) Tetrachloroethene	9.274	164	498	0.507	ug/l	87
75) 1,1,2,2-Tetrachloroethane	11.152	83	399	0.363	ug/l	# 25
76) 1,2,3-Trichloropropane	11.079	75	44799	40.529	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	44799	130.701	ug/l	# 13

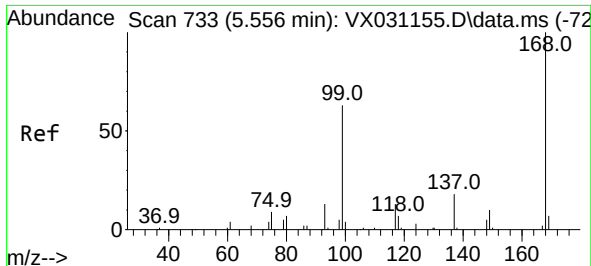
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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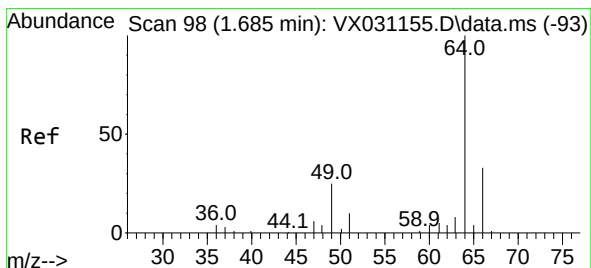
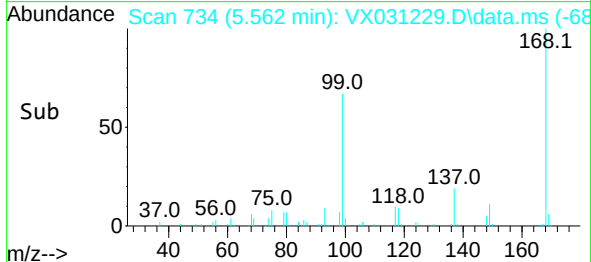
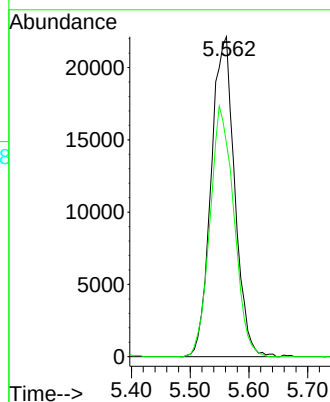
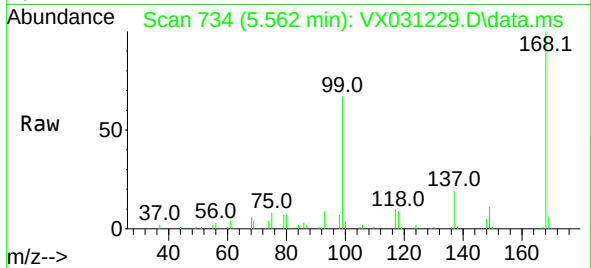




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

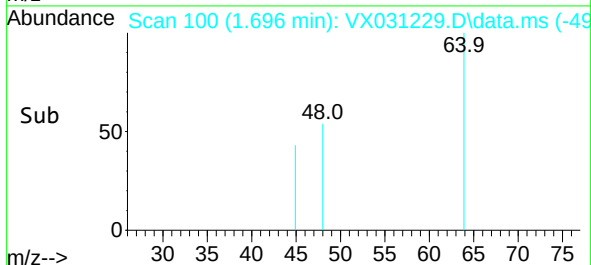
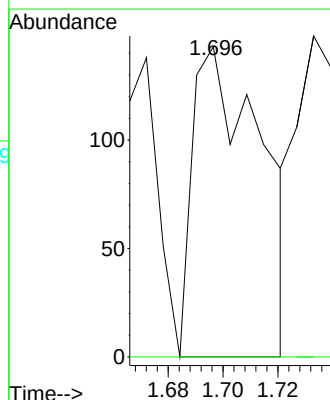
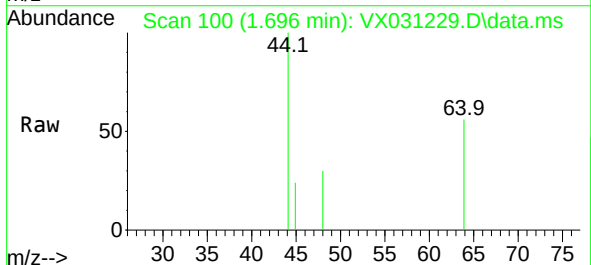
Instrument :
MSVOA_X
ClientSampleId :
TT174I1-20220823RE

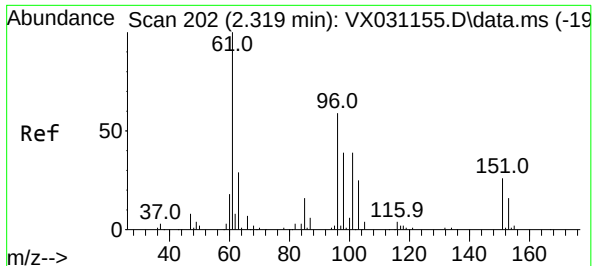
Tgt Ion:168 Resp: 61598
Ion Ratio Lower Upper
168 100
99 66.6 44.0 66.0#



#6
Chloroethane
Concen: 0.492 ug/l
RT: 1.696 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#





#12

1,1-Dichloroethene

Concen: 0.987 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031229.D

Acq: 08 Sep 2022 22:09

Instrument :

MSVOA_X

ClientSampleId :

TT174I1-20220823RE

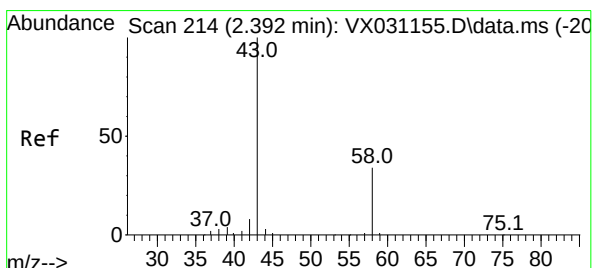
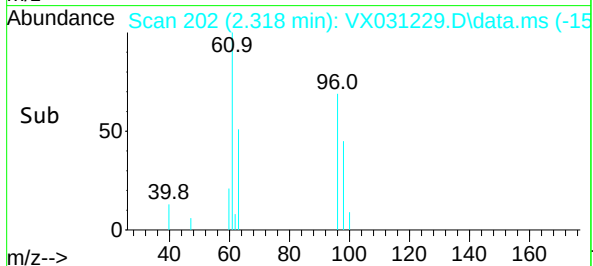
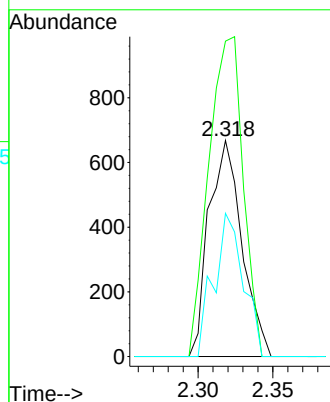
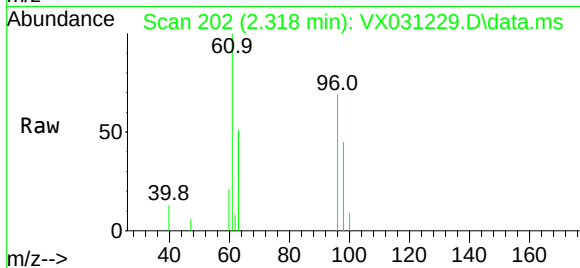
Tgt Ion: 96 Resp: 1027

Ion Ratio Lower Upper

96 100

61 146.0 117.4 176.0

98 66.3 52.2 78.4



#16

Acetone

Concen: 2.032 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.013 min

Lab File: VX031229.D

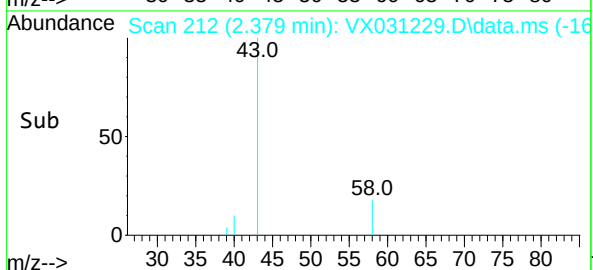
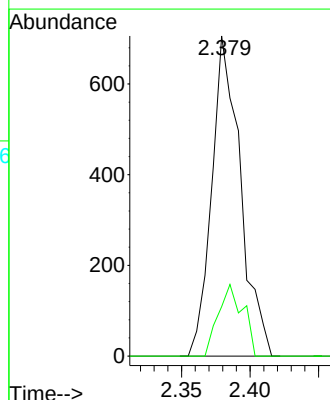
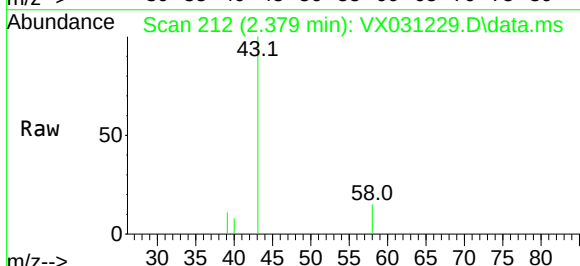
Acq: 08 Sep 2022 22:09

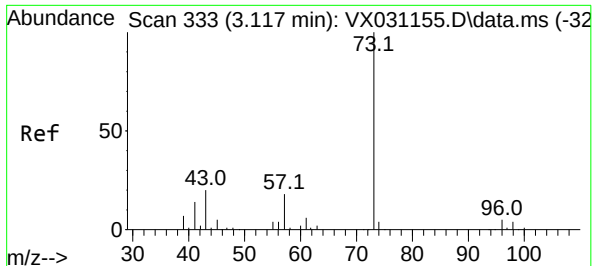
Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

58 15.4 27.7 41.5#





#19

Methyl tert-butyl Ether

Concen: 0.202 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX031229.D

Acq: 08 Sep 2022 22:09

Instrument :

MSVOA_X

ClientSampleId :

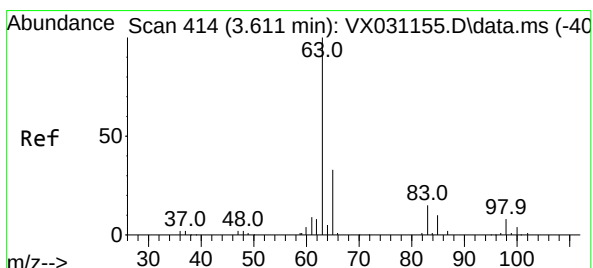
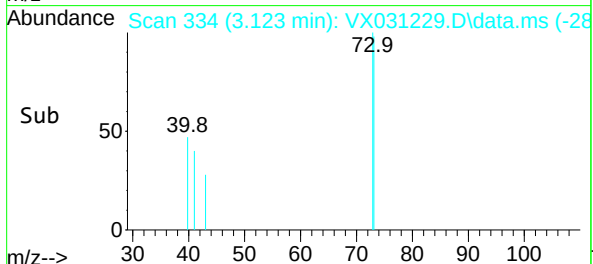
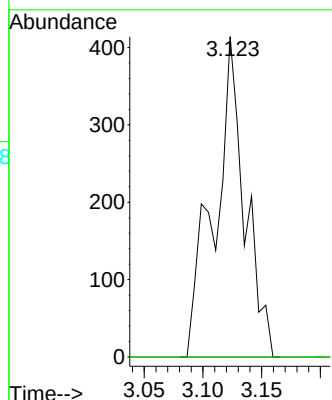
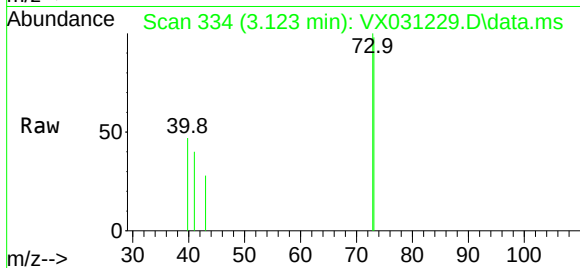
TT174I1-20220823RE

Tgt Ion: 73 Resp: 745

Ion Ratio Lower Upper

73 100

57 0.0 19.0 28.6#



#24

1,1-Dichloroethane

Concen: 2.867 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX031229.D

Acq: 08 Sep 2022 22:09

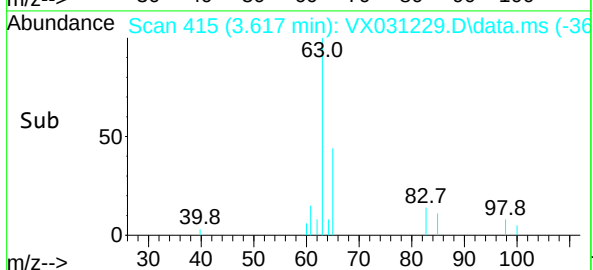
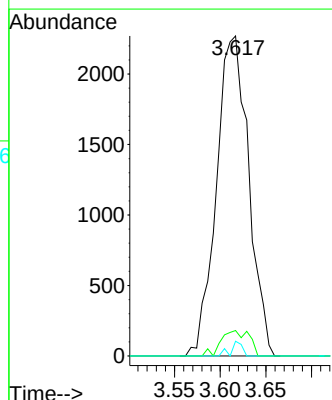
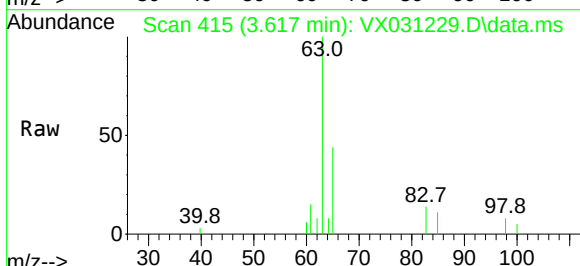
Tgt Ion: 63 Resp: 5579

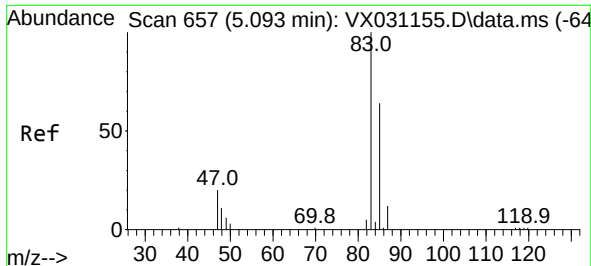
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

100 4.6 2.3 6.9

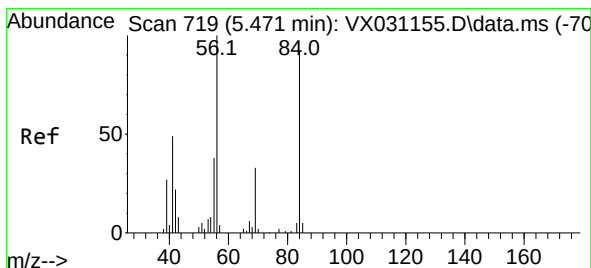
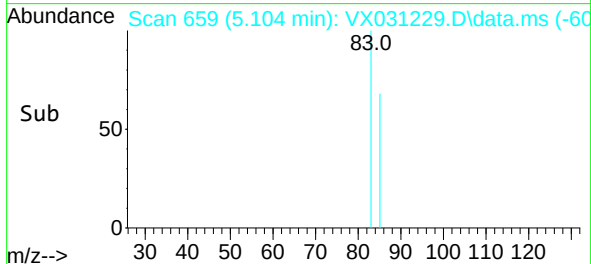
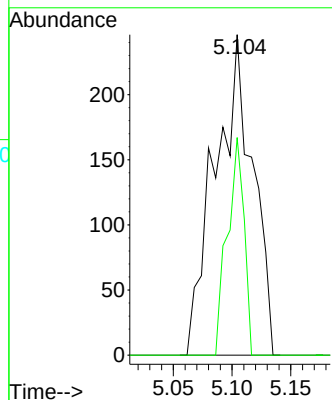
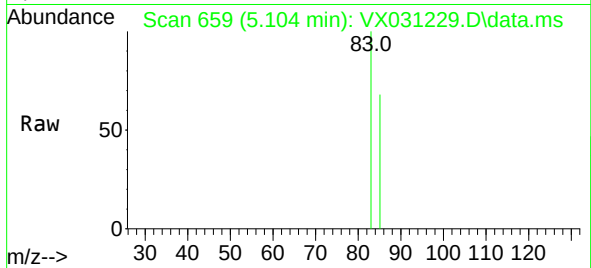




#30
Chloroform
Concen: 0.238 ug/l
RT: 5.104 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

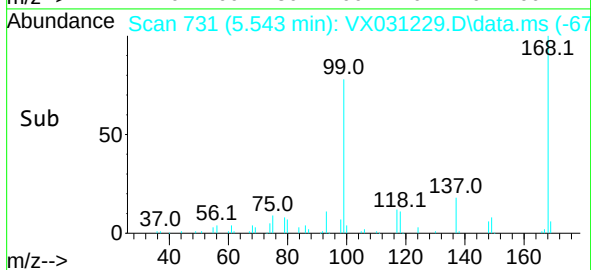
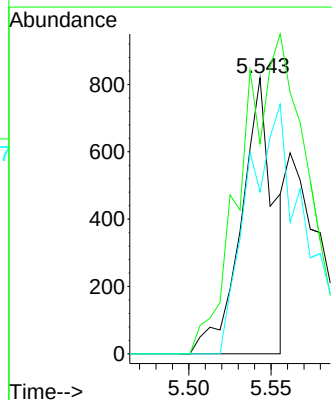
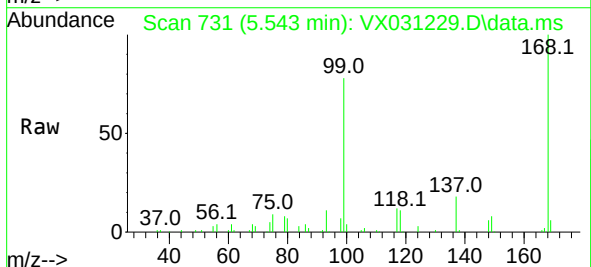
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823RE

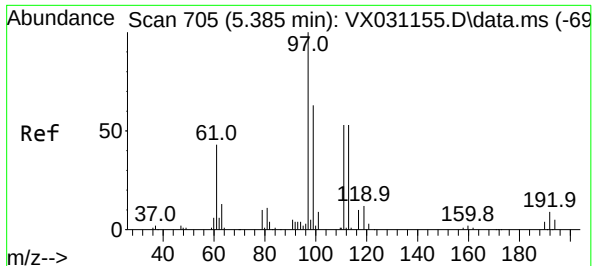
Tgt Ion: 83 Resp: 547
Ion Ratio Lower Upper
83 100
85 67.9 51.5 77.3



#31
Cyclohexane
Concen: 0.696 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion: 56 Resp: 1135
Ion Ratio Lower Upper
56 100
69 76.1 25.4 38.0#
84 58.7 68.9 103.3#





#32

1,1,1-Trichloroethane

Concen: 0.450 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

Lab File: VX031229.D

Acq: 08 Sep 2022 22:09

Instrument :

MSVOA_X

ClientSampleId :

TT174I1-20220823RE

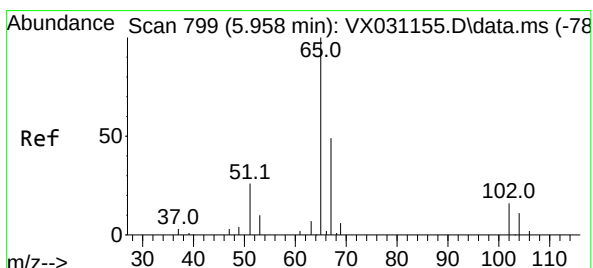
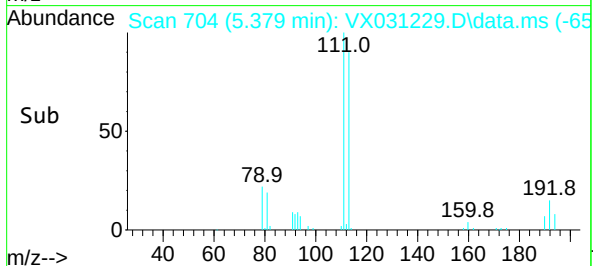
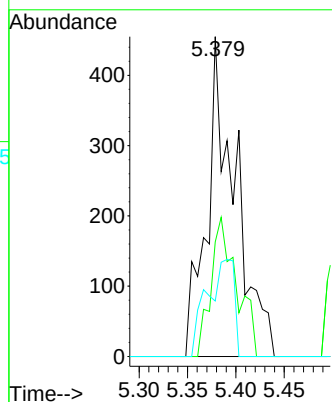
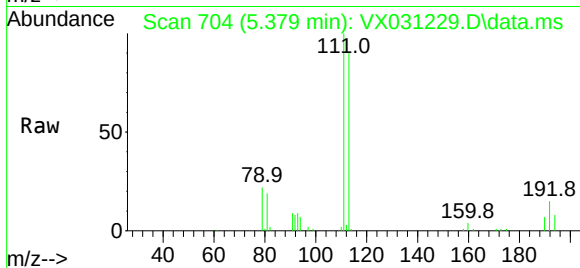
Tgt Ion: 97 Resp: 933

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 28.7 35.8 53.8#



#33

1,2-Dichloroethane-d4

Concen: 58.822 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031229.D

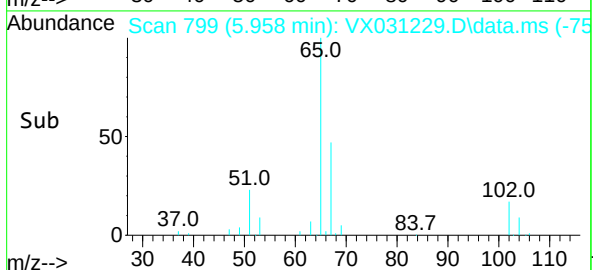
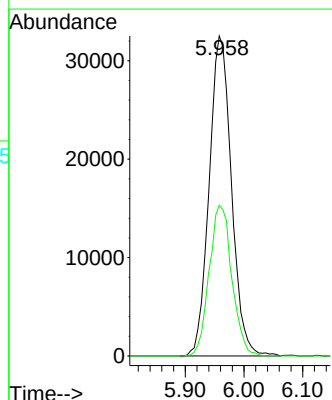
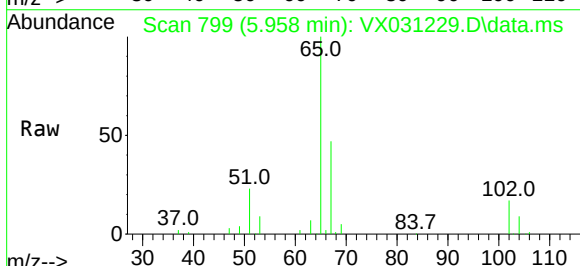
Acq: 08 Sep 2022 22:09

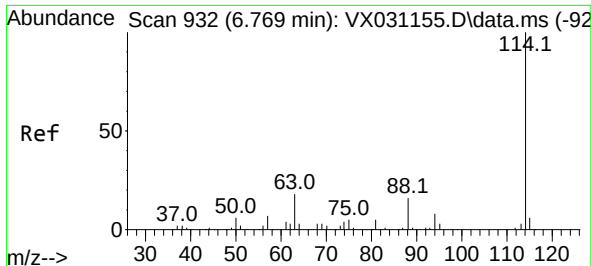
Tgt Ion: 65 Resp: 85784

Ion Ratio Lower Upper

65 100

67 47.8 0.0 109.6

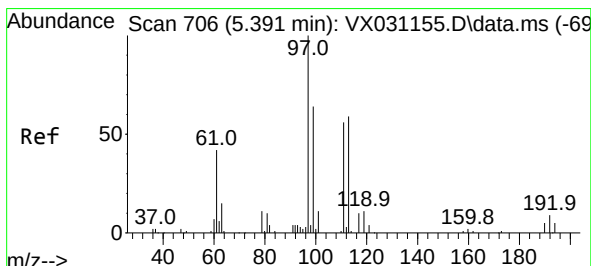
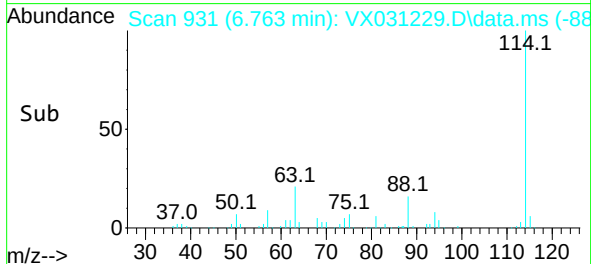
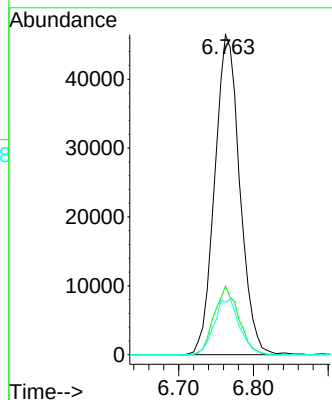
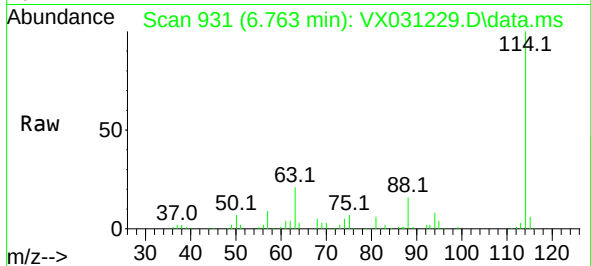




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

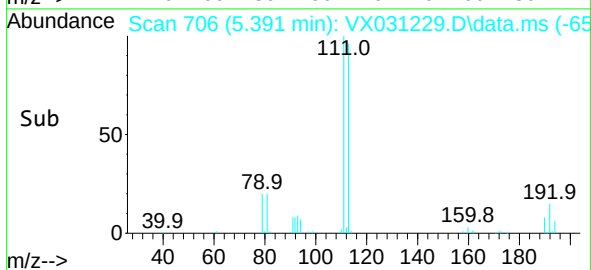
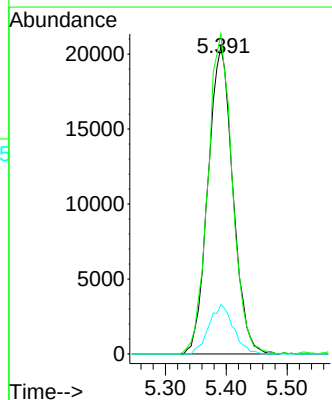
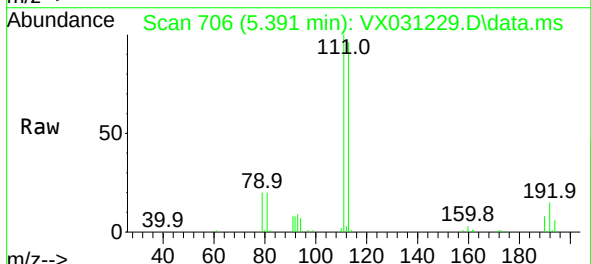
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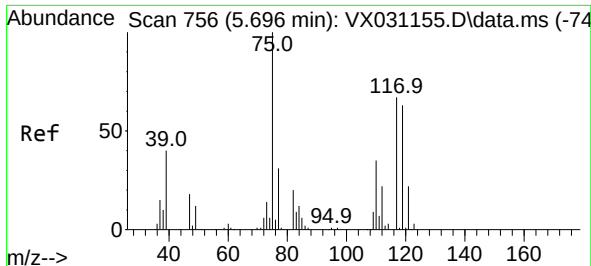
Tgt Ion:114 Resp: 108385
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.4
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.201 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion:113 Resp: 58111
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 15.8 14.8 22.2

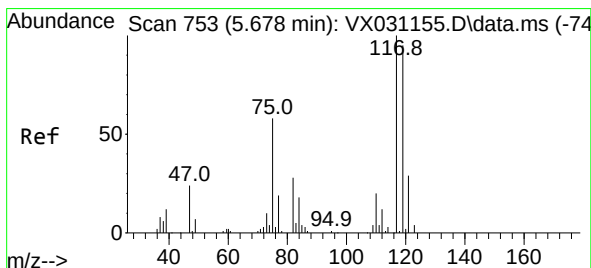
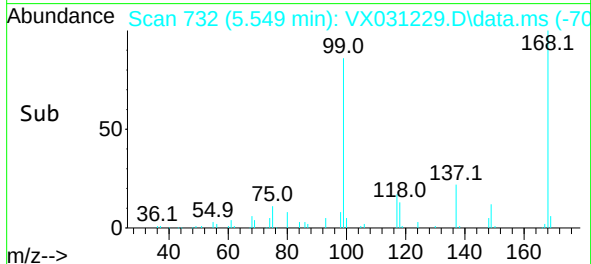
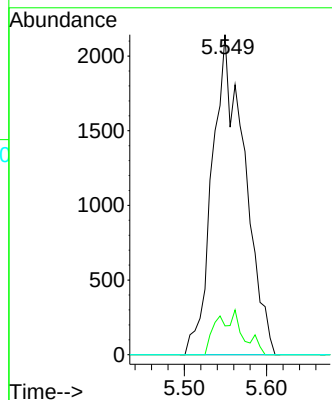
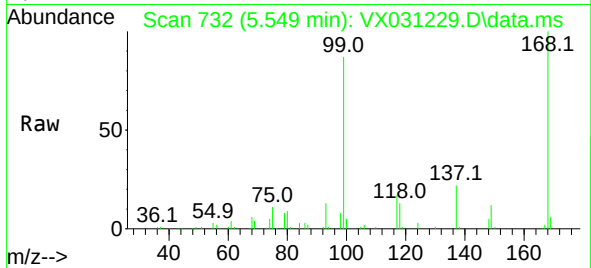




#36
1,1-Dichloropropene
Concen: 3.316 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

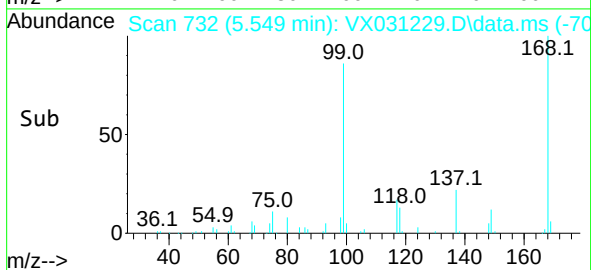
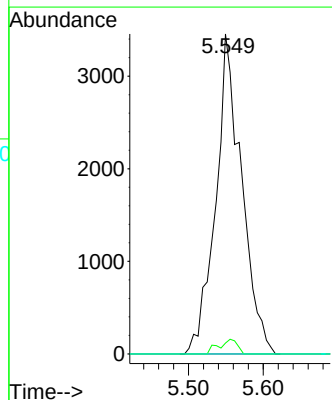
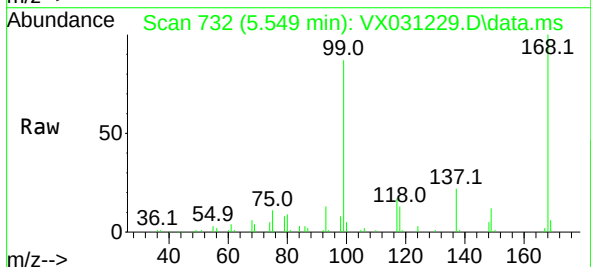
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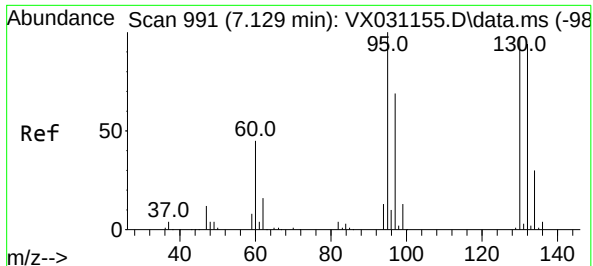
Tgt Ion: 75 Resp: 5865
Ion Ratio Lower Upper
75 100
110 5.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.484 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion: 117 Resp: 8344
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#

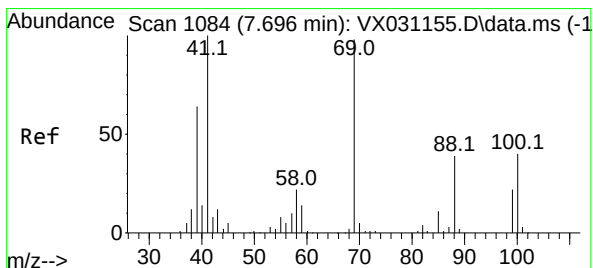
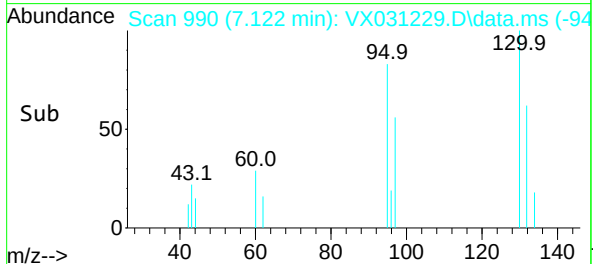
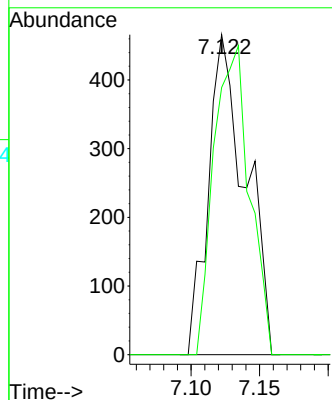
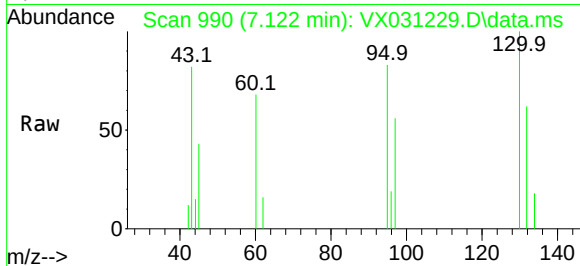




#44
Trichloroethene
Concen: 0.652 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

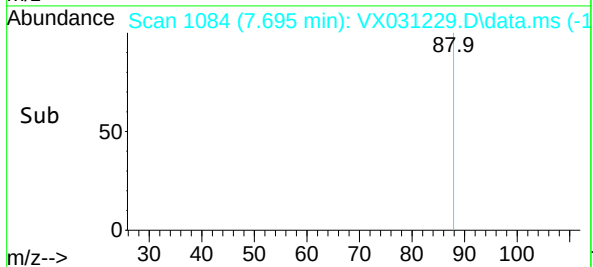
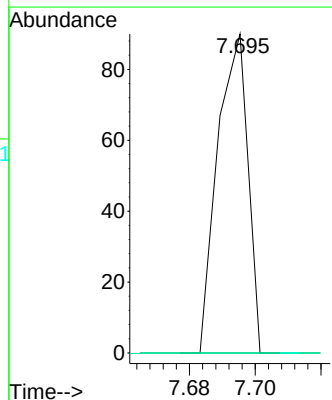
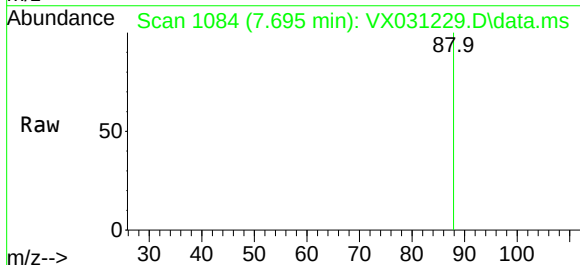
Instrument :
MSVOA_X
ClientSampleId :
TT174I1-20220823RE

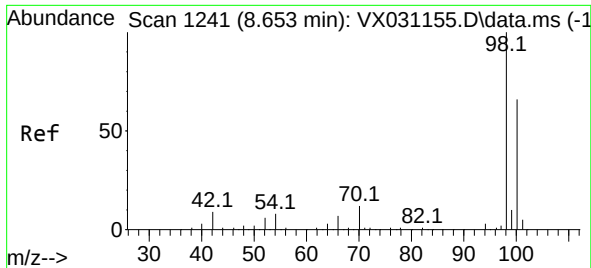
Tgt Ion:130 Resp: 880
Ion Ratio Lower Upper
130 100
95 83.5 0.0 194.8



#49
1,4-Dioxane
Concen: 1.714 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

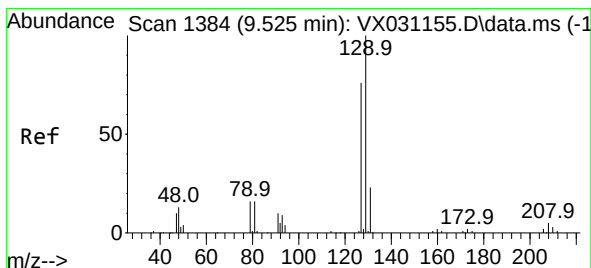
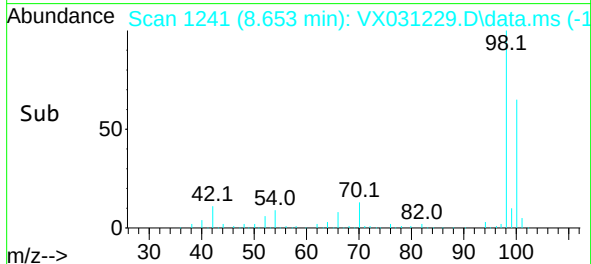
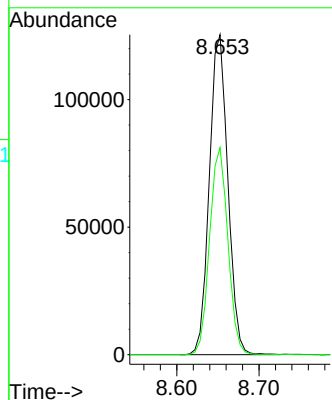
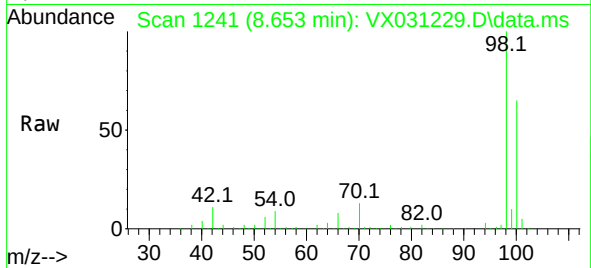




#50
Toluene-d8
Concen: 45.643 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

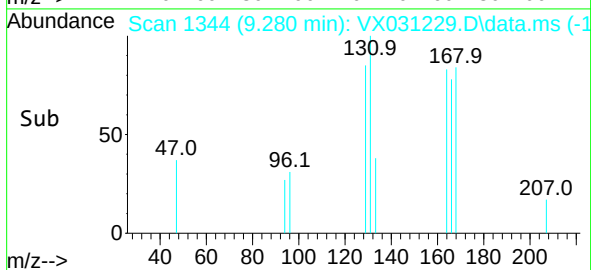
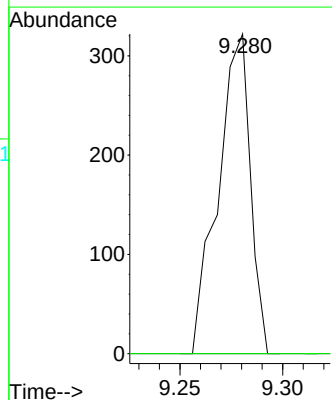
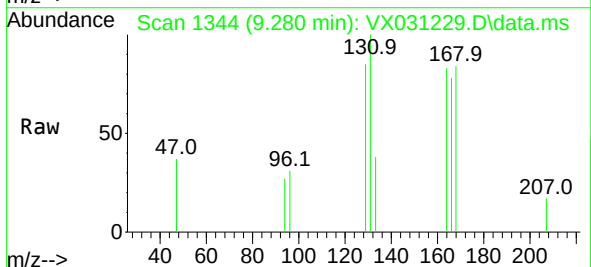
Instrument :
MSVOA_X
ClientSampleId :
TT174I1-20220823RE

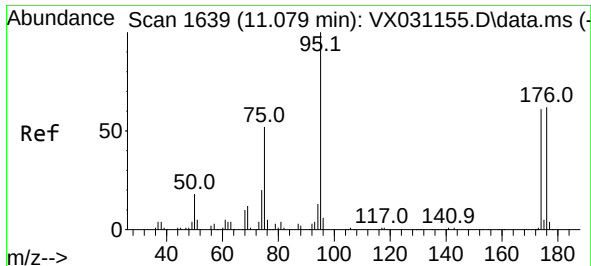
Tgt Ion: 98 Resp: 195862
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#60
Dibromochloromethane
Concen: 0.262 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion: 129 Resp: 352
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

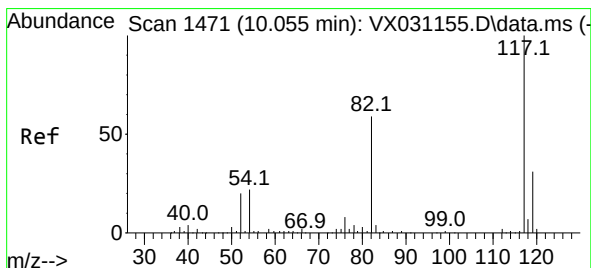
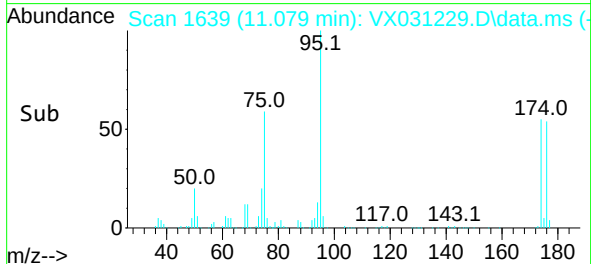
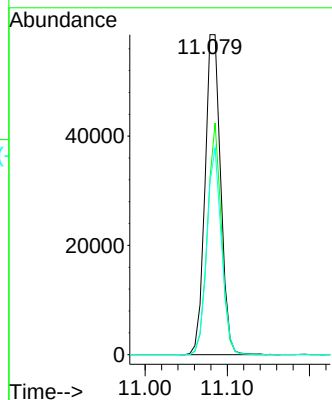
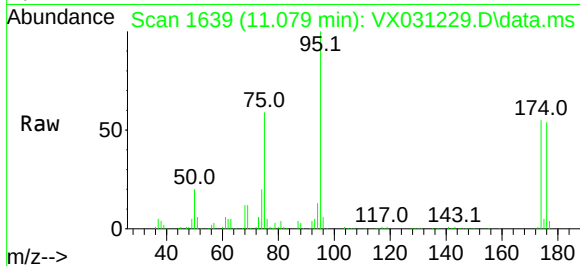




#62
4-Bromofluorobenzene
Concen: 49.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

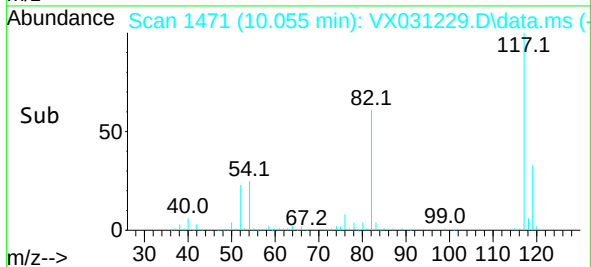
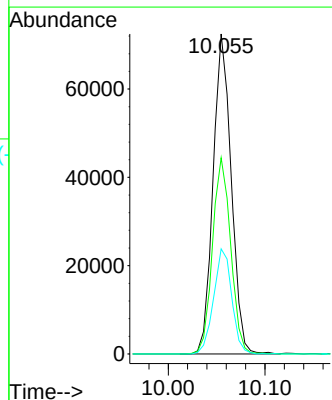
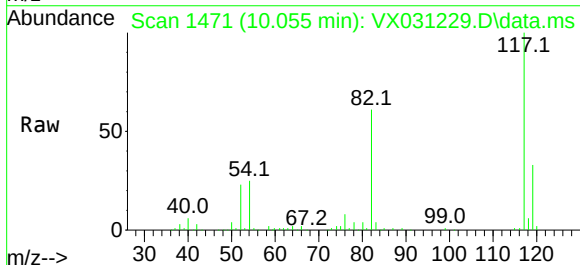
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823RE

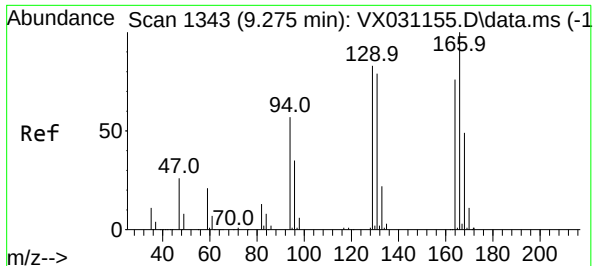
Tgt Ion: 95 Resp: 77504
Ion Ratio Lower Upper
95 100
174 64.2 0.0 149.0
176 60.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion: 117 Resp: 94445
Ion Ratio Lower Upper
117 100
82 61.3 42.7 64.1
119 32.8 25.4 38.2



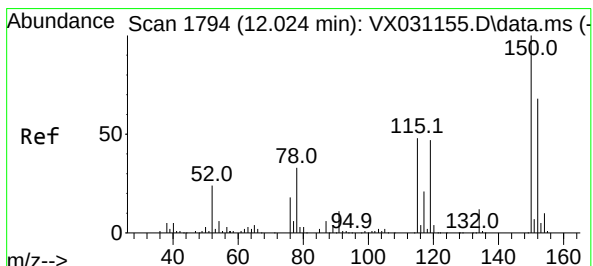
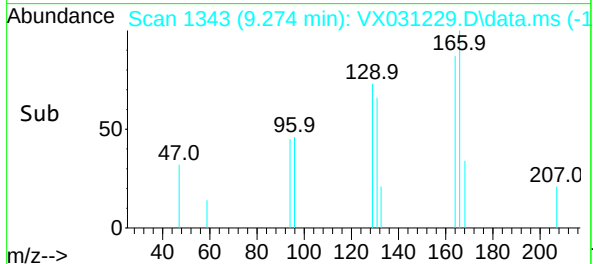
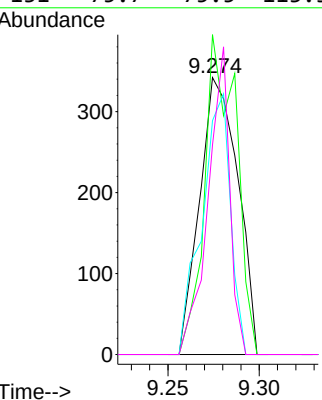
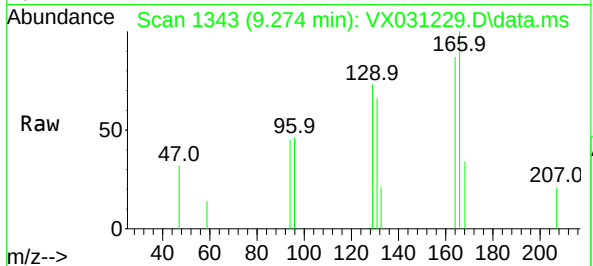


#64
Tetrachloroethene
Concen: 0.507 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Instrument :
MSVOA_X
ClientSampleId :
TT174I1-20220823RE

Tgt Ion:164 Resp: 498

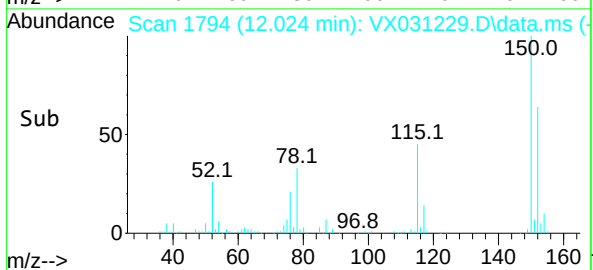
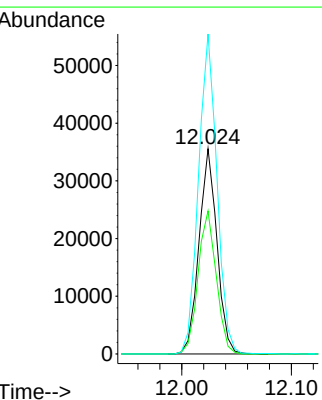
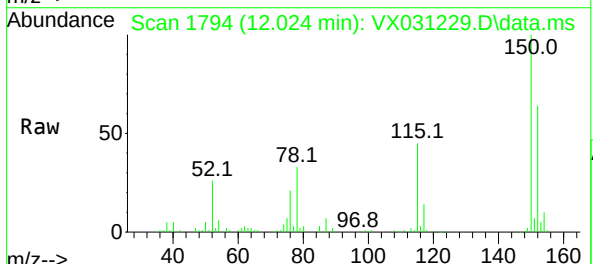
Ion	Ratio	Lower	Upper
164	100		
166	115.5	98.2	147.4
129	84.5	80.8	121.2
131	75.7	75.5	113.3

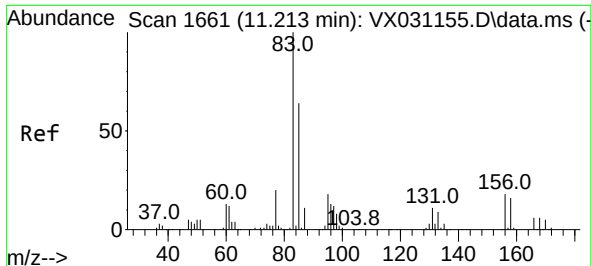


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Tgt Ion:152 Resp: 40502

Ion	Ratio	Lower	Upper
152	100		
115	70.5	40.5	121.5
150	160.3	0.0	347.0

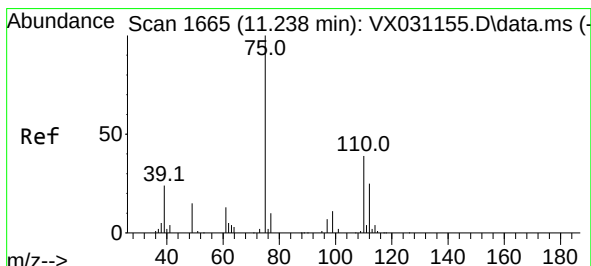
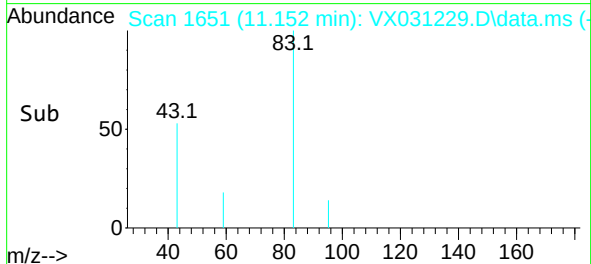
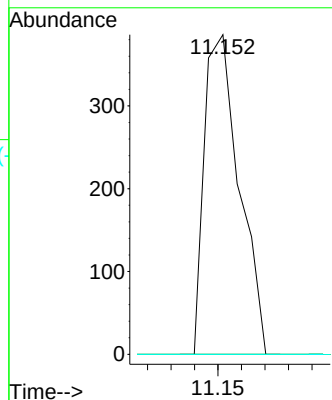
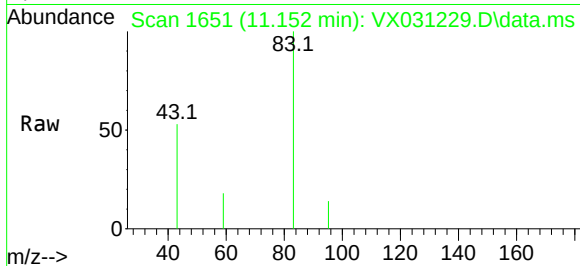




#75
1,1,2,2-Tetrachloroethane
Concen: 0.363 ug/l
RT: 11.152 min Scan# 1639
Delta R.T. -0.061 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

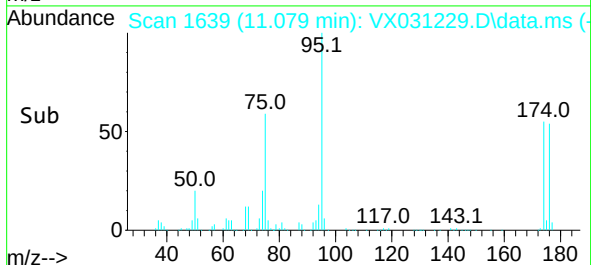
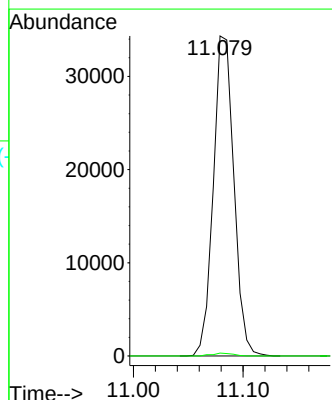
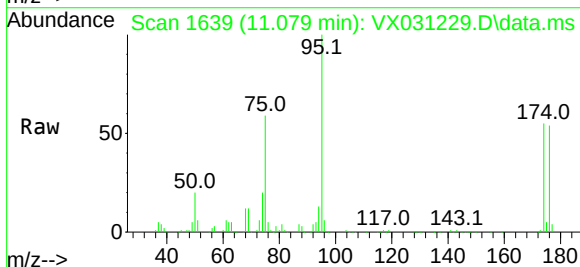
Instrument : MSVOA_X
ClientSampleId : TT17411-20220823RE

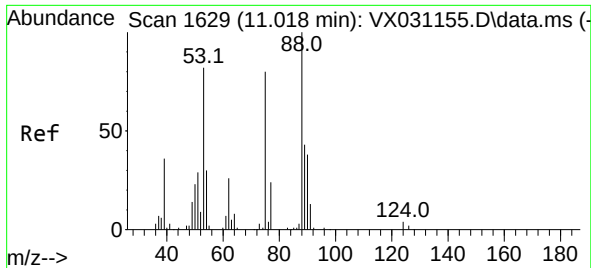
Tgt Ion: 83 Resp: 399
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 0.0 32.5 97.5#



#76
1,2,3-Trichloropropane
Concen: 40.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

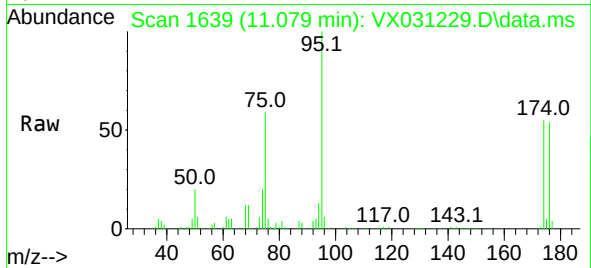
Tgt Ion: 75 Resp: 44799
Ion Ratio Lower Upper
75 100
77 0.9 19.8 59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.701 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031229.D
Acq: 08 Sep 2022 22:09

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823RE



Tgt Ion: 75 Resp: 44799
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

