

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033201.D
 Acq On : 02 Dec 2022 21:11
 Operator : JC/MD
 Sample : N5841-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-1I

Quant Time: Dec 03 04:37:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

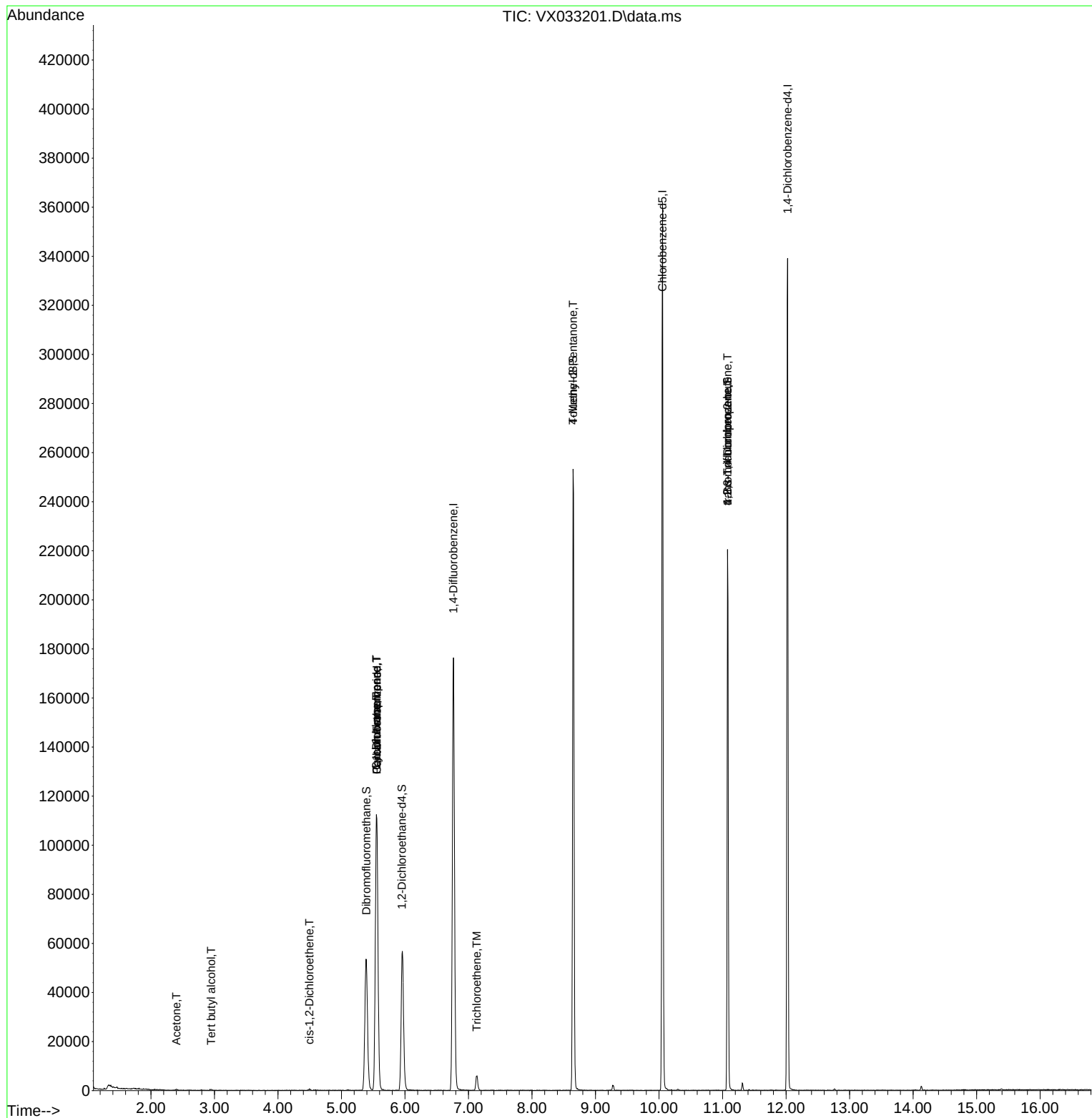
Internal Standards						
1) Pentafluorobenzene	5.556	168	108473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58261	55.298	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	110.600%	
35) Dibromofluoromethane	5.391	113	46973	46.704	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.400%	
50) Toluene-d8	8.647	98	150339	49.666	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.340%	
62) 4-Bromofluorobenzene	11.079	95	55934	42.337	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	84.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	280	1.672	ug/l #	72
16) Acetone	2.398	43	602	1.220	ug/l #	80
20) Methylene Chloride	2.794	84	50	Below Cal	#	40
27) cis-1,2-Dichloroethene	4.495	96	351	0.285	ug/l	64
31) Cyclohexane	5.550	56	2494	1.457	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	8681	5.398	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11733	6.577	ug/l #	15
44) Trichloroethene	7.129	130	2383	1.883	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	648	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30290	22.255	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30290	72.338	ug/l #	6

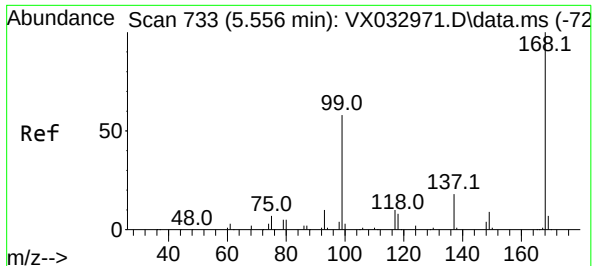
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
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Quant Title : SW846 8260
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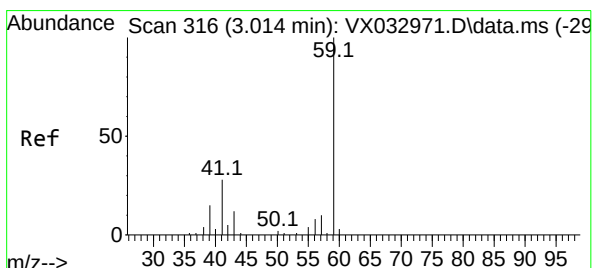
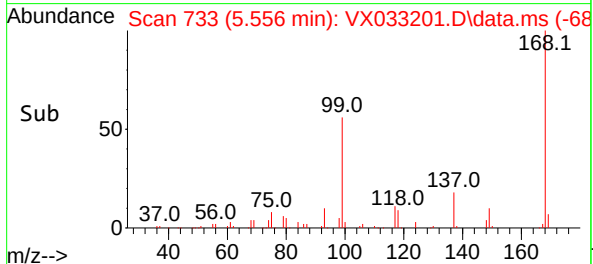
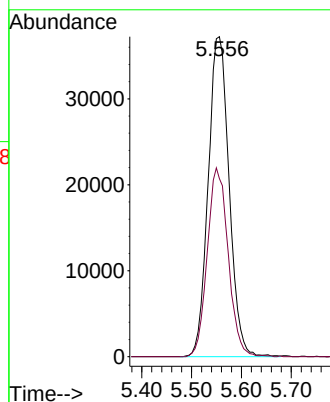
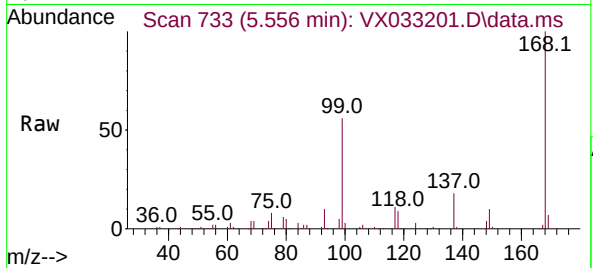




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

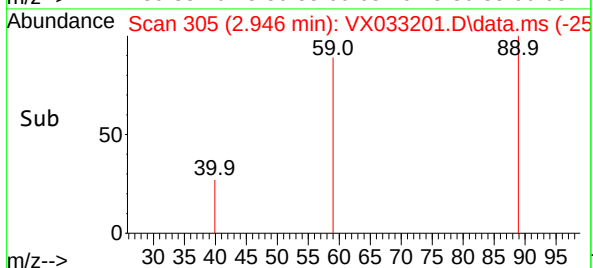
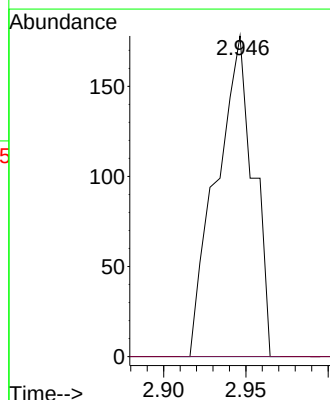
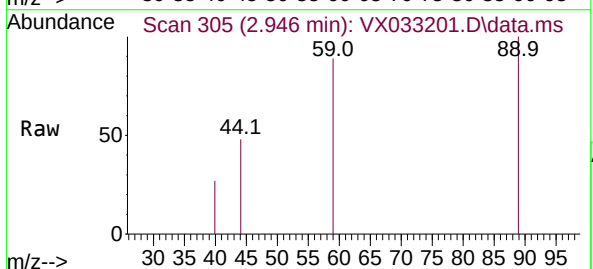
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1I

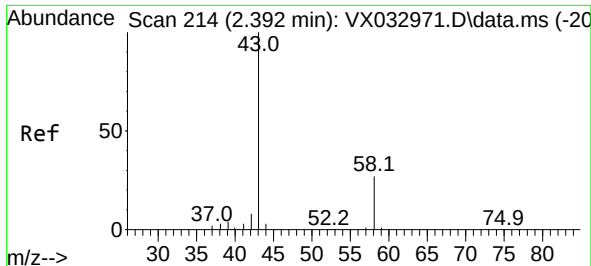
Tgt Ion:168 Resp: 108473
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.672 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.220 ug/l

RT: 2.398 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX033201.D

Acq: 02 Dec 2022 21:11

Instrument :

MSVOA_X

ClientSampleId :

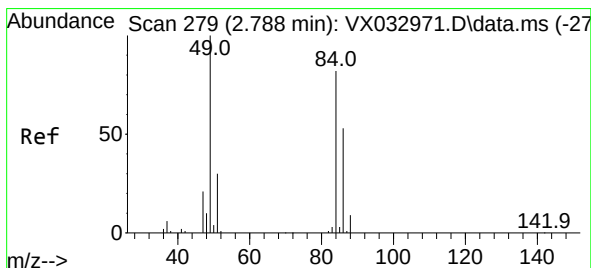
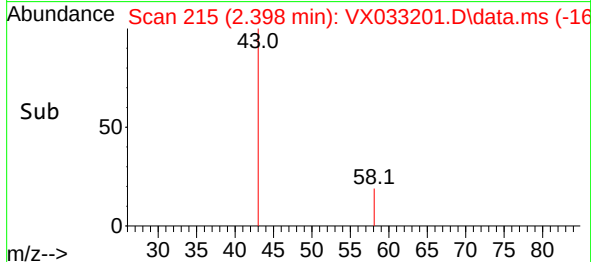
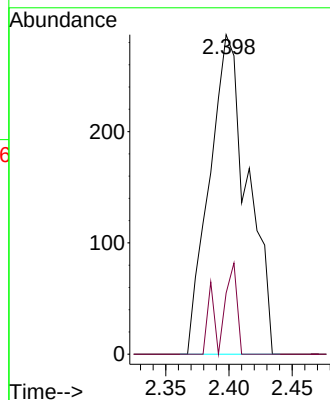
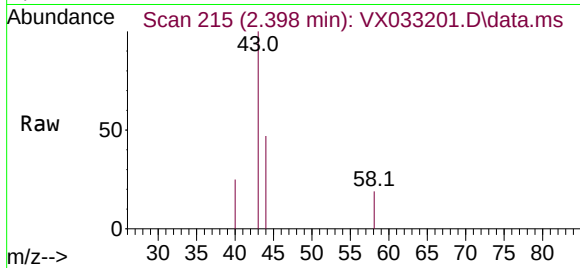
22-MW-1I

Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

58 19.2 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033201.D

Acq: 02 Dec 2022 21:11

Tgt Ion: 84 Resp: 50

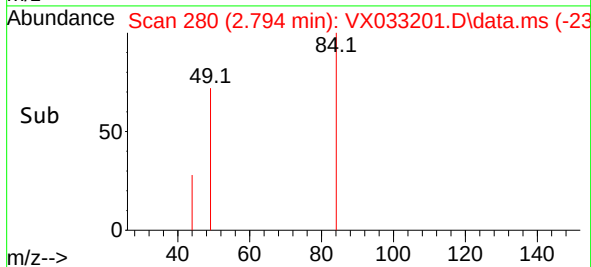
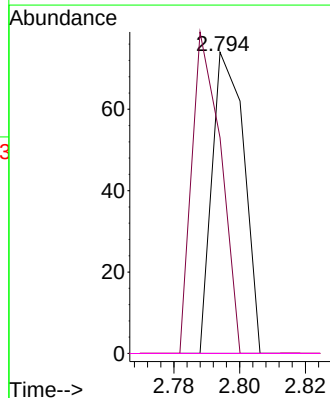
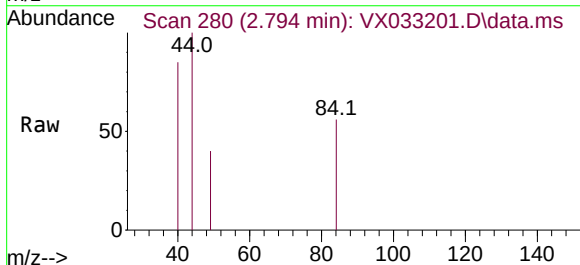
Ion Ratio Lower Upper

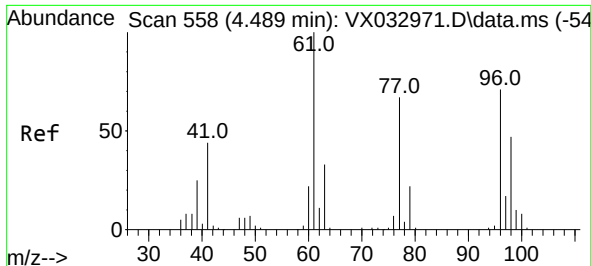
84 100

49 71.6 101.0 151.6#

51 0.0 31.1 46.7#

86 0.0 52.3 78.5#





#27

cis-1,2-Dichloroethene

Concen: 0.285 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033201.D

Acq: 02 Dec 2022 21:11

Instrument :

MSVOA_X

ClientSampleId :

22-MW-1I

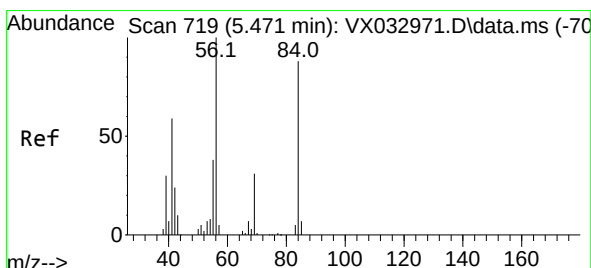
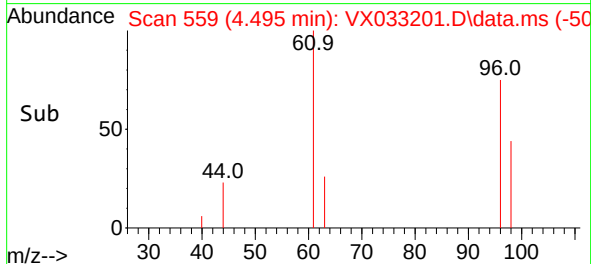
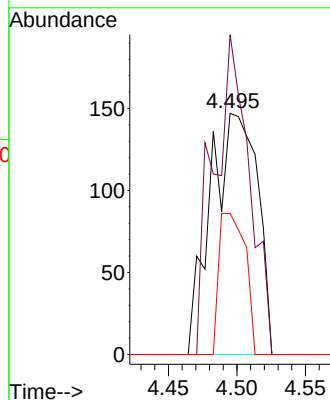
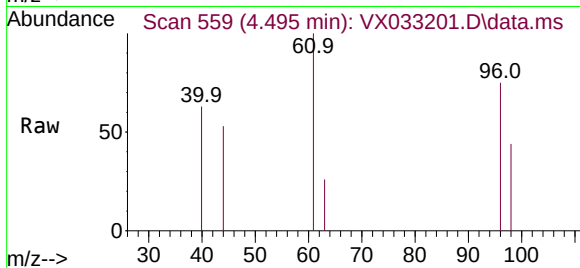
Tgt Ion: 96 Resp: 351

Ion Ratio Lower Upper

96 100

61 100.6 0.0 286.0

98 32.8 0.0 129.6



#31

Cyclohexane

Concen: 1.457 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033201.D

Acq: 02 Dec 2022 21:11

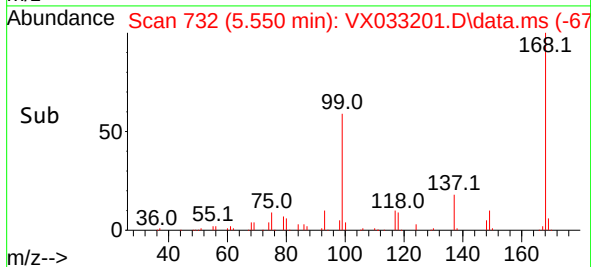
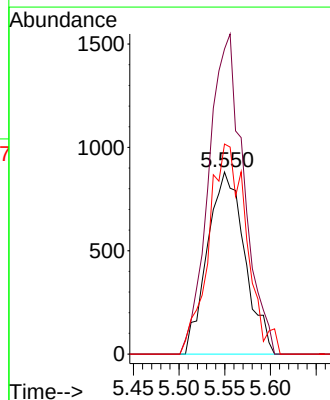
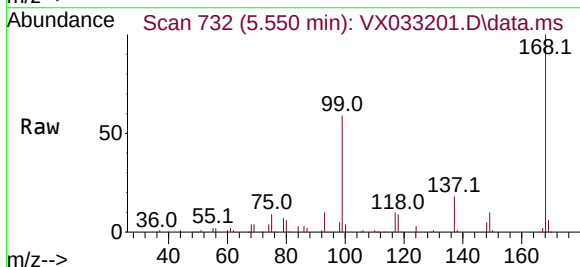
Tgt Ion: 56 Resp: 2494

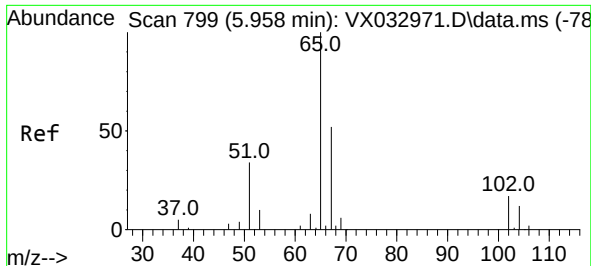
Ion Ratio Lower Upper

56 100

69 167.5 24.1 36.1#

84 115.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.298 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033201.D

Acq: 02 Dec 2022 21:11

Instrument :

MSVOA_X

ClientSampleId :

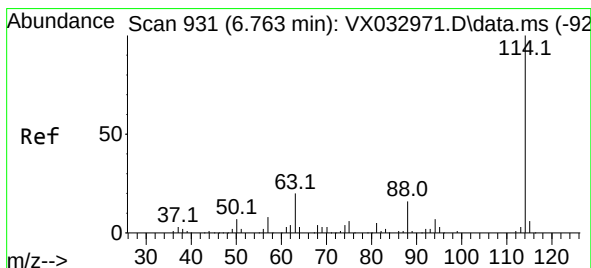
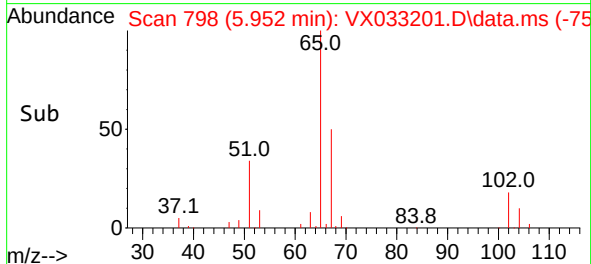
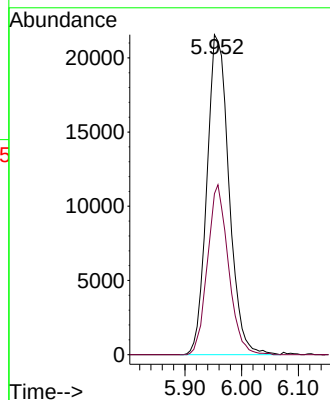
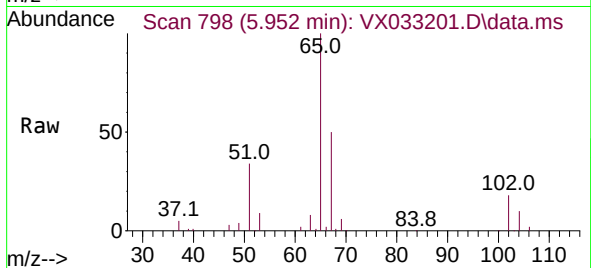
22-MW-1I

Tgt Ion: 65 Resp: 58261

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033201.D

Acq: 02 Dec 2022 21:11

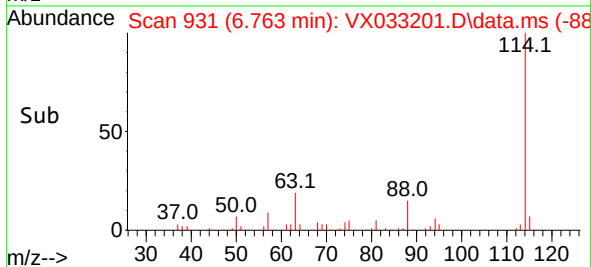
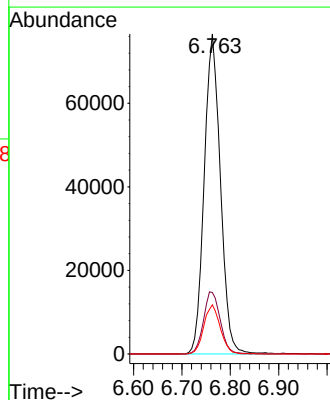
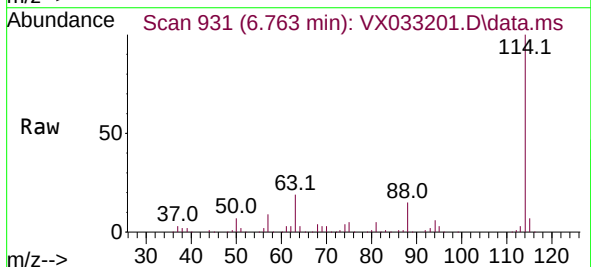
Tgt Ion: 114 Resp: 178400

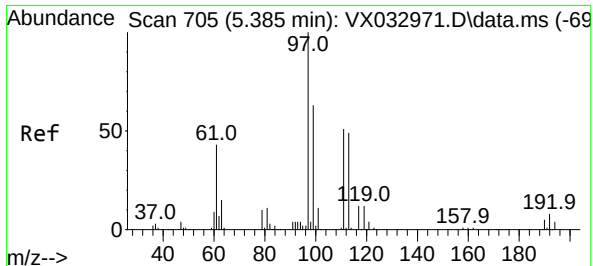
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.4 0.0 33.4

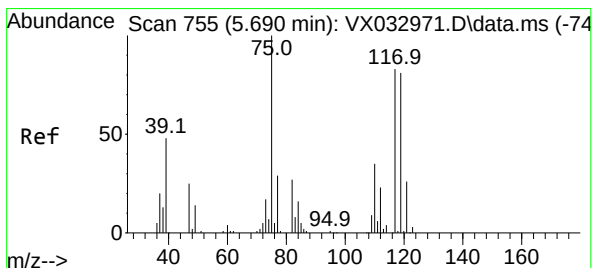
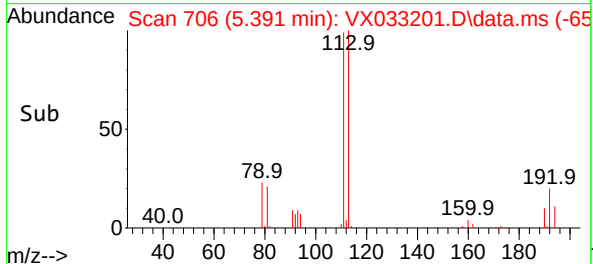
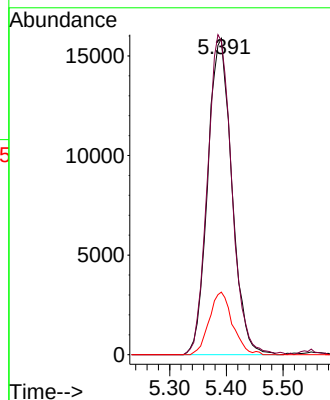
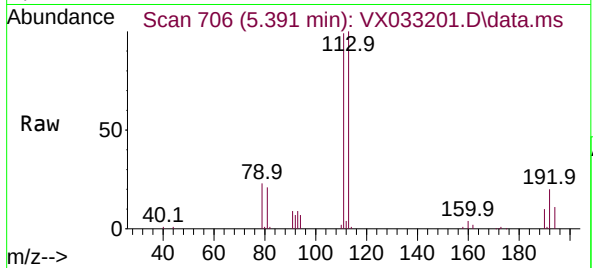




#35
Dibromofluoromethane
Concen: 46.704 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

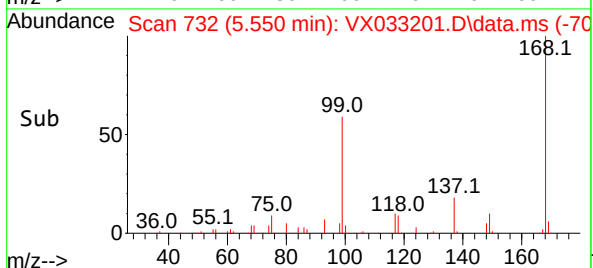
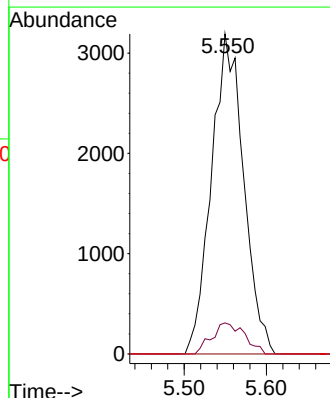
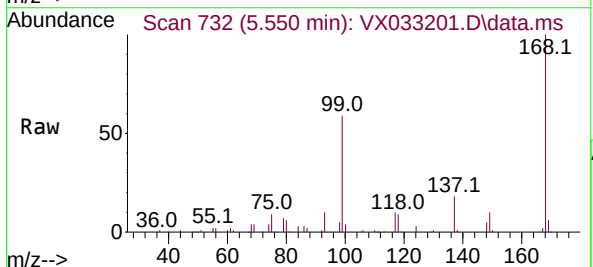
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1I

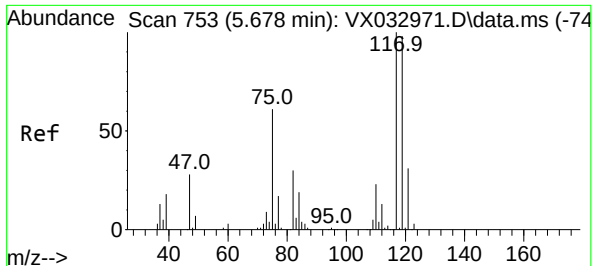
Tgt Ion:113 Resp: 46973
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.398 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

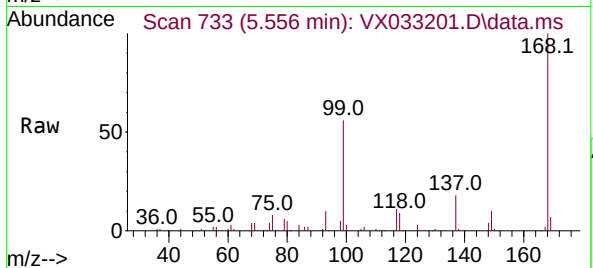
Tgt Ion: 75 Resp: 8681
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



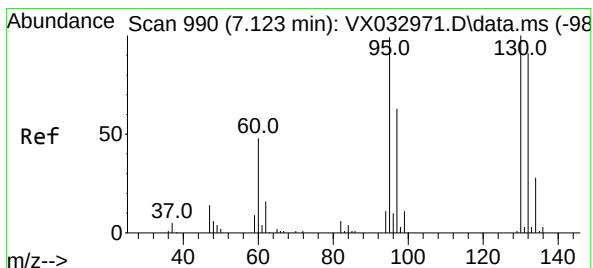
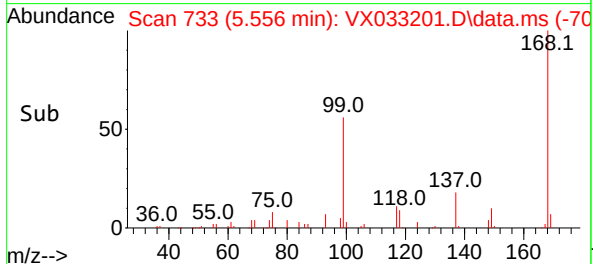
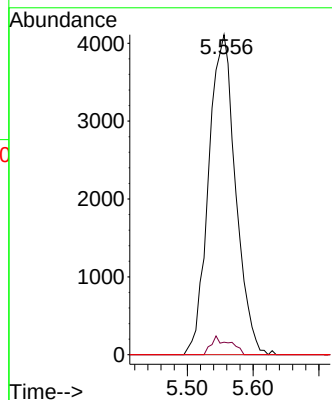


#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

Instrument :
MSVOA_X
ClientSampleId :
22-MW-1I

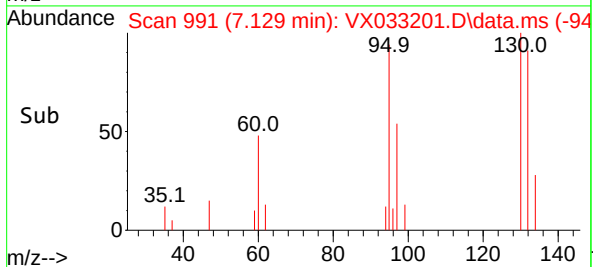
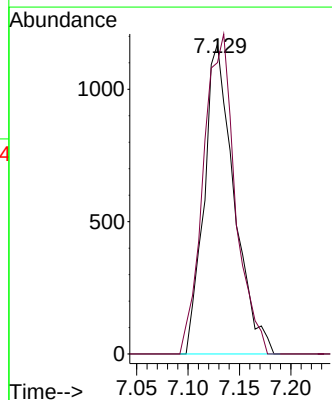
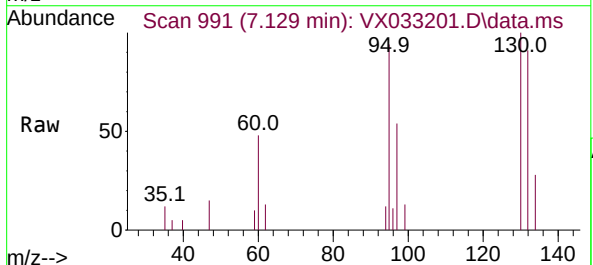


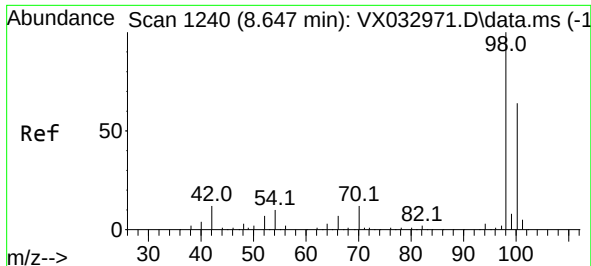
Tgt Ion:117 Resp: 11733
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 1.883 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

Tgt Ion:130 Resp: 2383
Ion Ratio Lower Upper
130 100
95 94.0 0.0 195.2

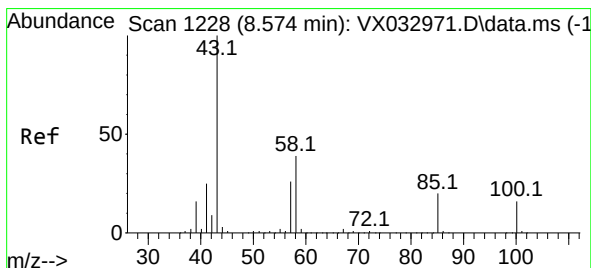
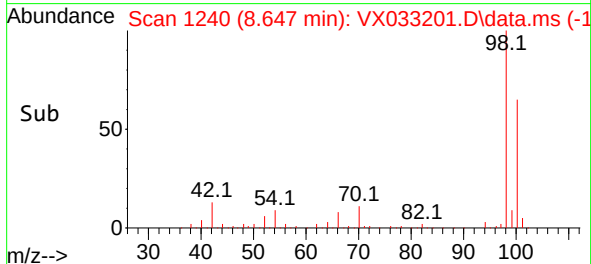
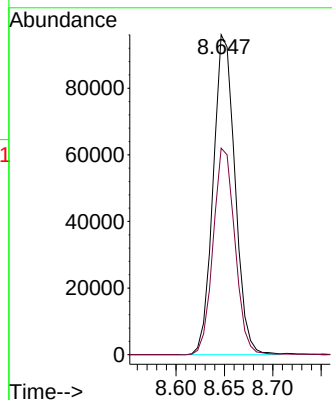
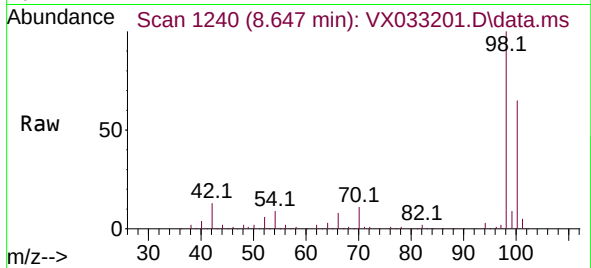




#50
Toluene-d8
Concen: 49.666 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

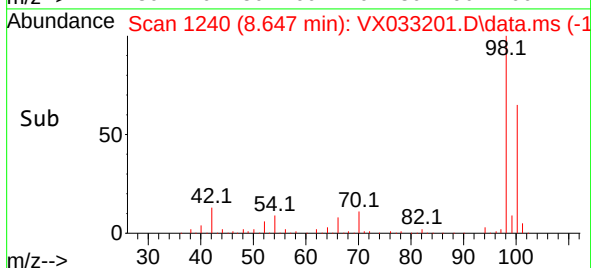
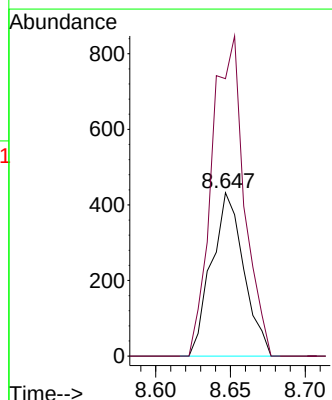
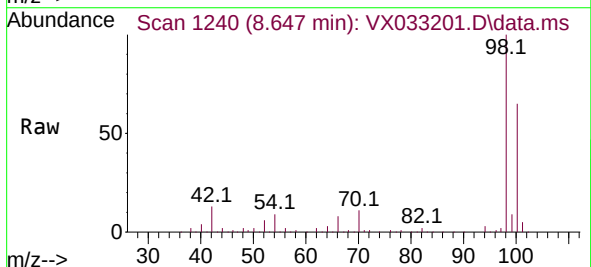
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1I

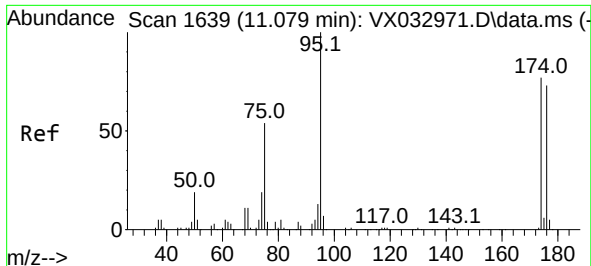
Tgt Ion: 98 Resp: 150339
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 197.1 30.9 46.3#

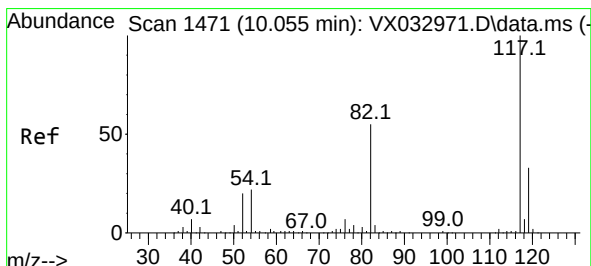
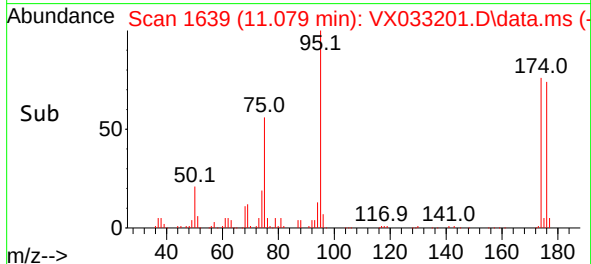
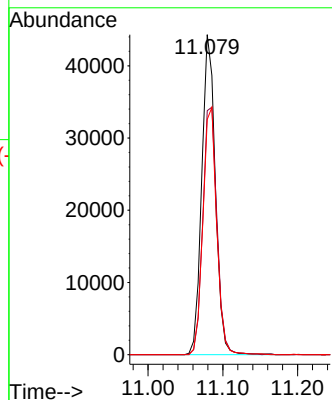
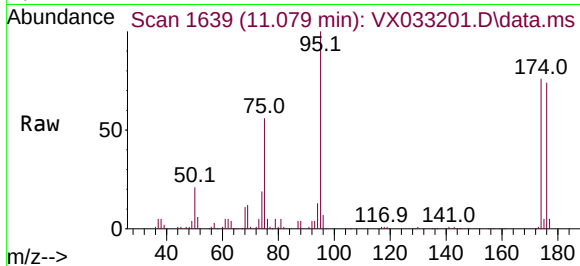




#62
4-Bromofluorobenzene
Concen: 42.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

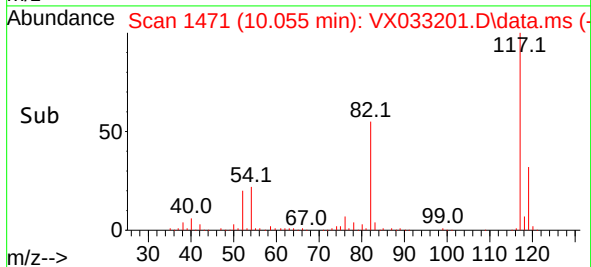
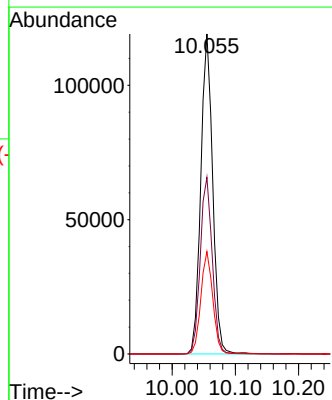
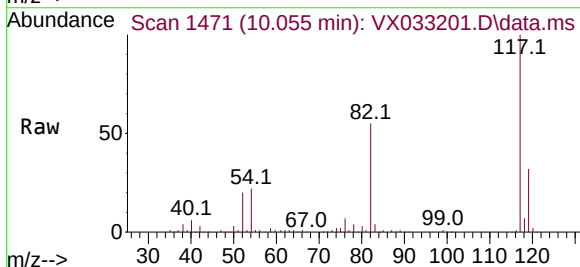
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1I

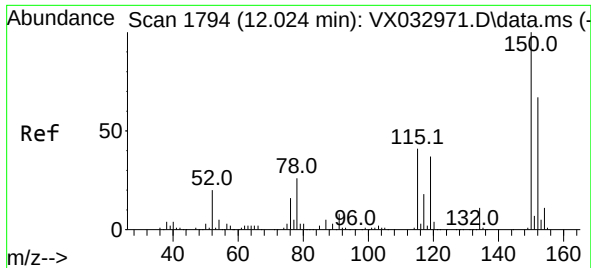
Tgt Ion: 95 Resp: 55934
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

Tgt Ion: 117 Resp: 155974
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.0 25.7 38.5

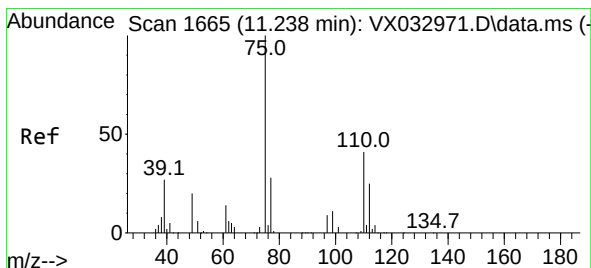
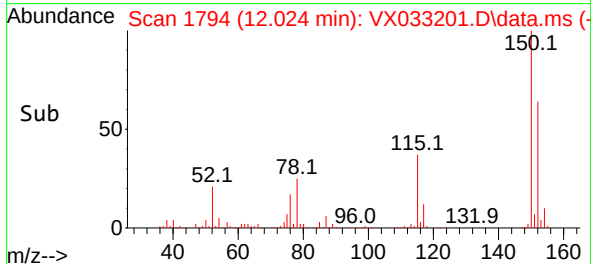
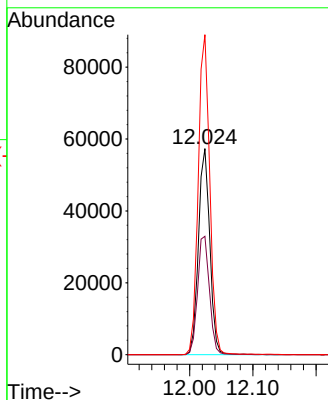
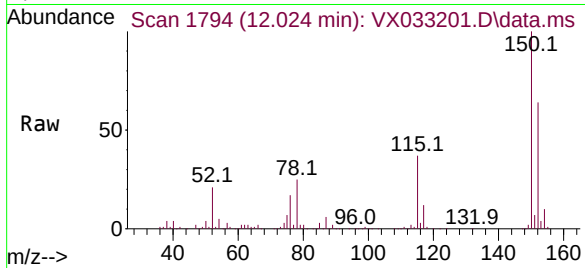




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

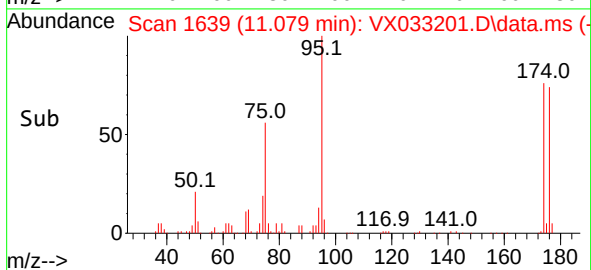
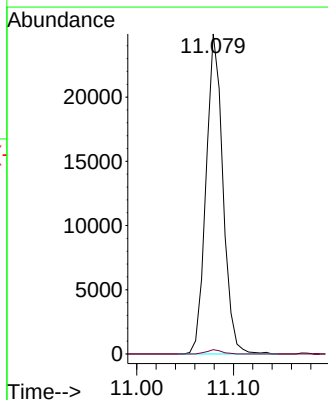
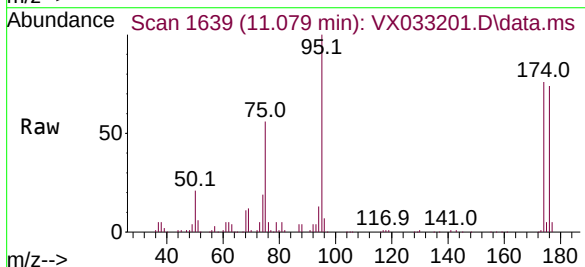
Instrument :
MSVOA_X
ClientSampleId :
22-MW-1I

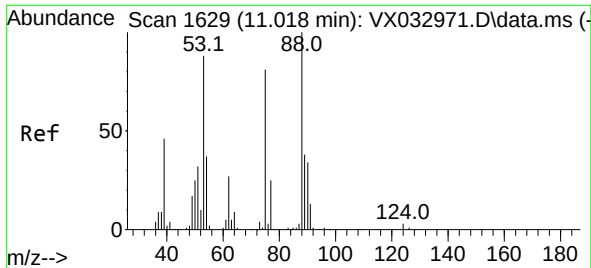
Tgt Ion:152 Resp: 71868
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 157.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033201.D
Acq: 02 Dec 2022 21:11

Tgt Ion: 75 Resp: 30290
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.338 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033201.D
 Acq: 02 Dec 2022 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-1I

Tgt Ion: 75 Resp: 30290
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

