

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033301.D
 Acq On : 07 Dec 2022 23:00
 Operator : JC/MD
 Sample : N5906-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

Quant Time: Dec 08 01:45:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

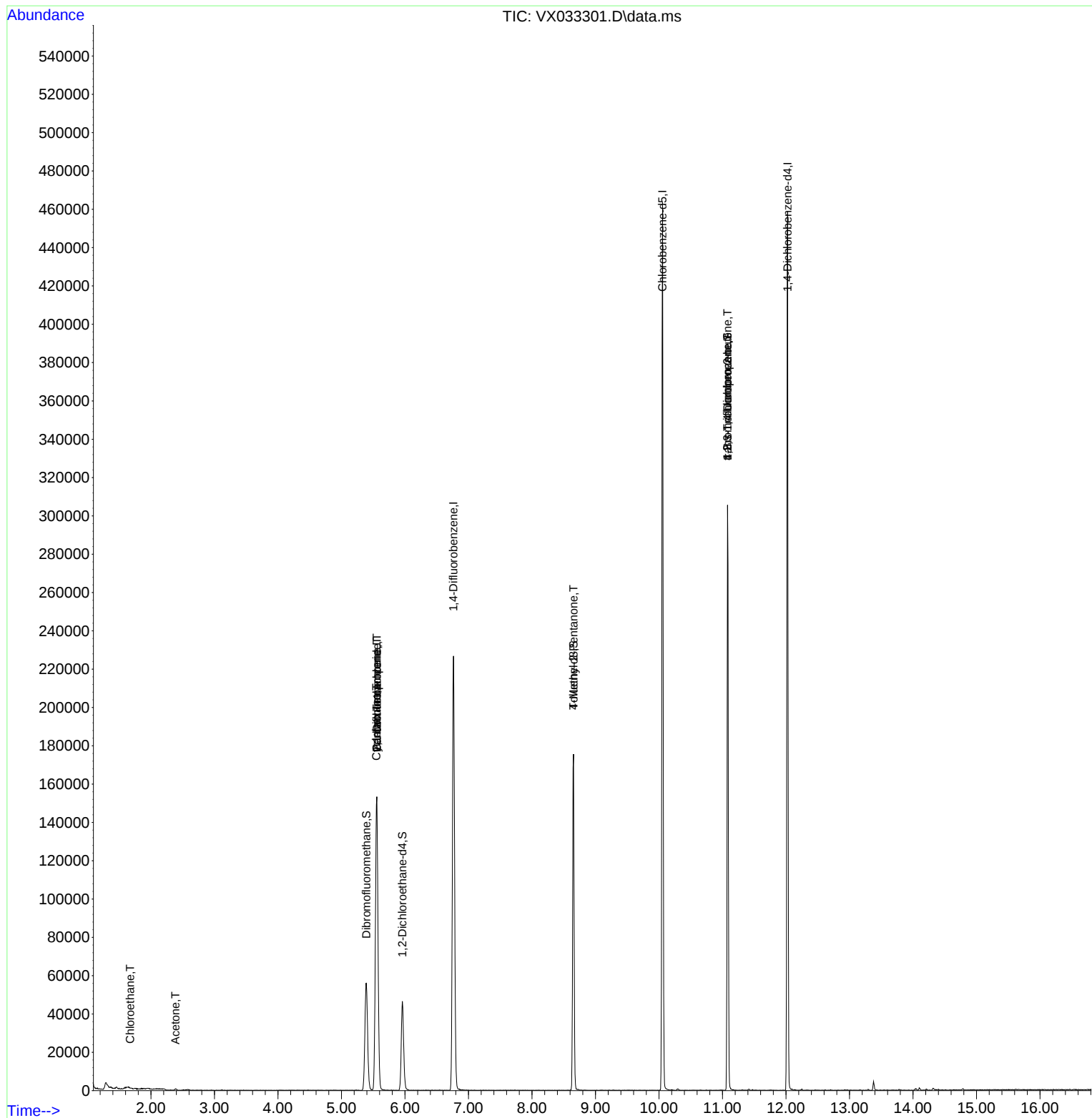
Internal Standards						
1) Pentafluorobenzene	5.556	168	145890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46003	49.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.300%
35) Dibromofluoromethane	5.391	113	50434	47.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	8.653	98	105860	47.923	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	79877	47.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.673	64	285	0.279	ug/l #	42
16) Acetone	2.386	43	967	1.396	ug/l	97
31) Cyclohexane	5.550	56	3146	1.414	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	10854	5.272	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15048	6.524	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	501	0.253	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41854	21.452	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41854	66.731	ug/l #	6

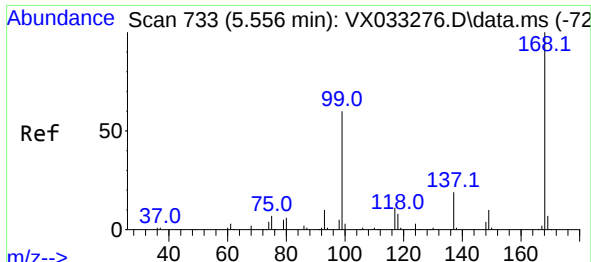
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
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Instrument :
MSVOA_X
ClientSampleId :
MW-20

Quant Time: Dec 08 01:45:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

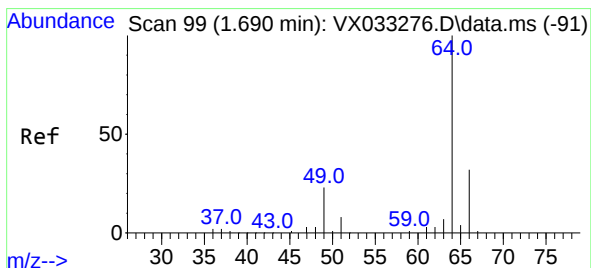
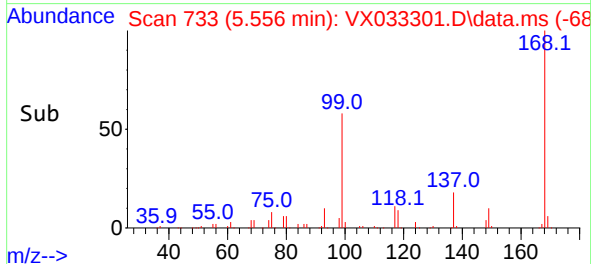
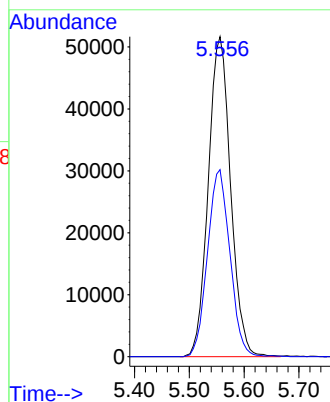
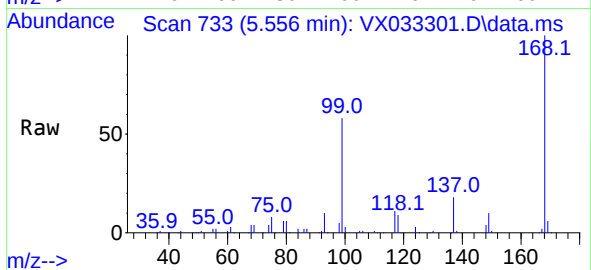




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

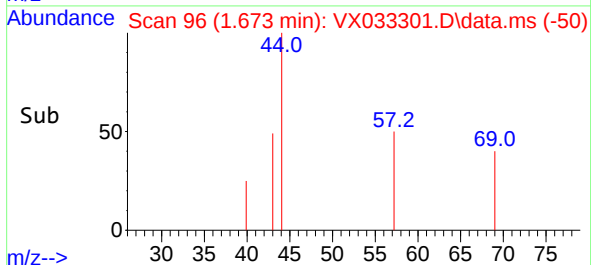
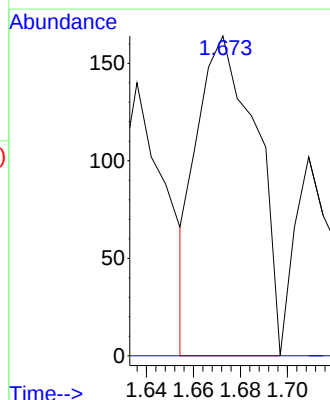
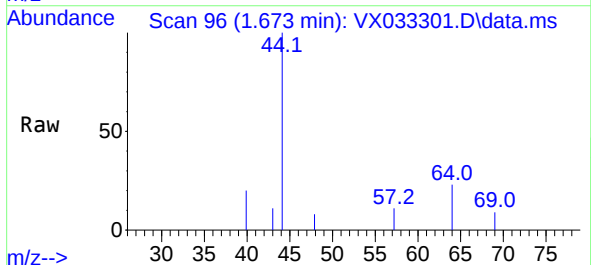
Instrument :
MSVOA_X
ClientSampleId :
MW-20

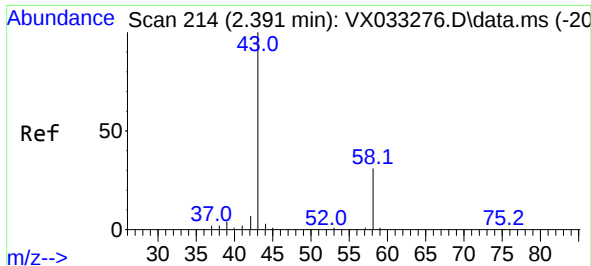
Tgt Ion:168 Resp: 145890
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

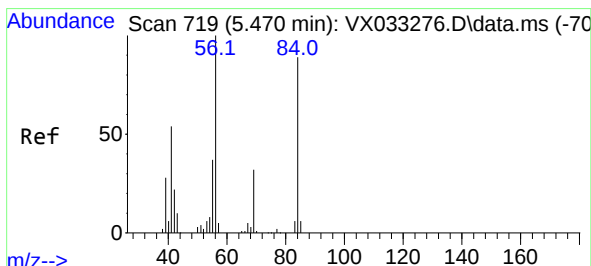
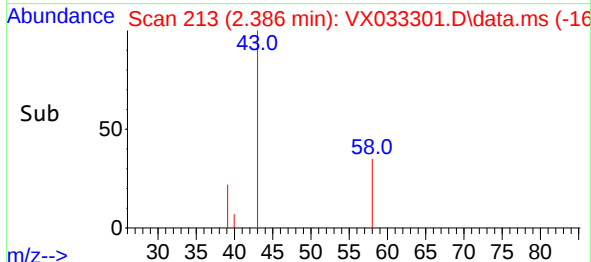
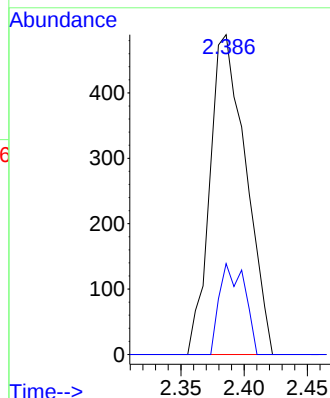
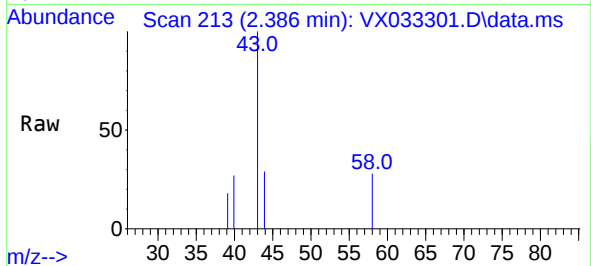




#16
Acetone
Concen: 1.396 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

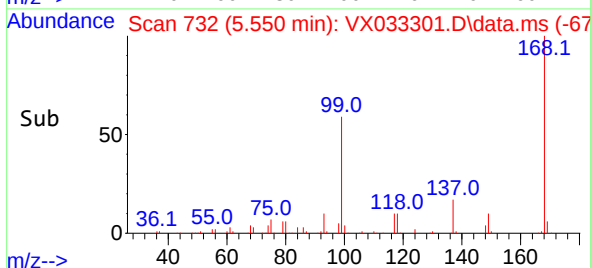
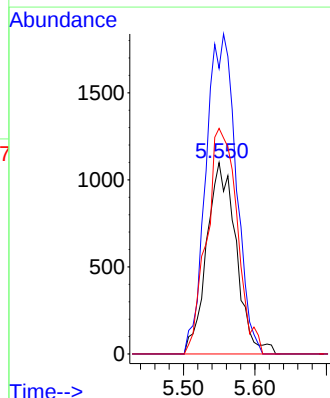
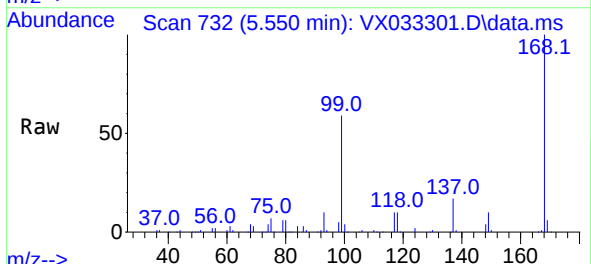
Instrument :
MSVOA_X
ClientSampleId :
MW-20

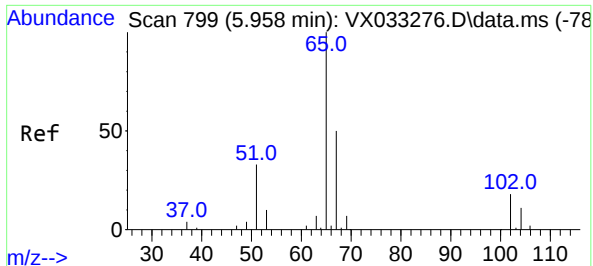
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.8



#31
Cyclohexane
Concen: 1.414 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

Tgt Ion: 56 Resp: 3146
Ion Ratio Lower Upper
56 100
69 149.2 24.1 36.1#
84 117.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.152 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033301.D

Acq: 07 Dec 2022 23:00

Instrument :

MSVOA_X

ClientSampleId :

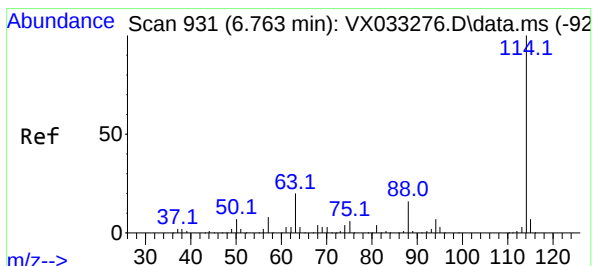
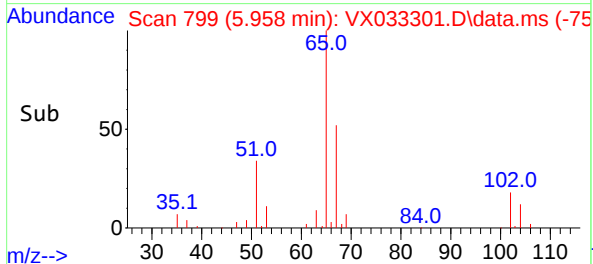
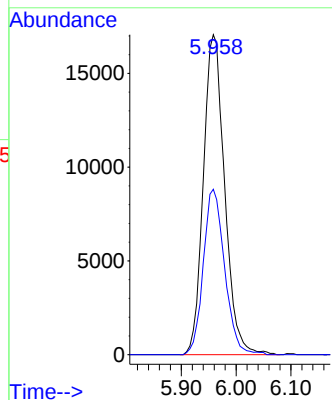
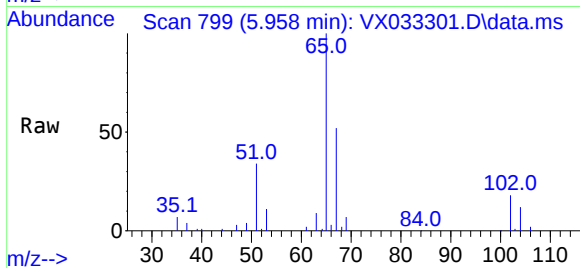
MW-20

Tgt Ion: 65 Resp: 46003

Ion Ratio Lower Upper

65 100

67 51.8 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: VX033301.D

Acq: 07 Dec 2022 23:00

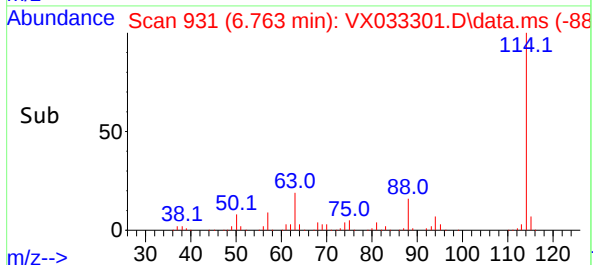
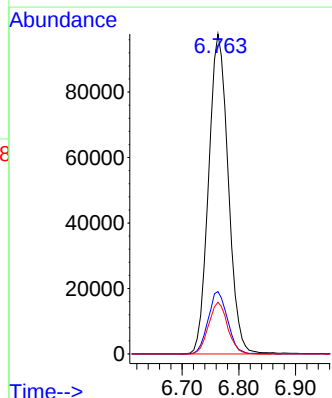
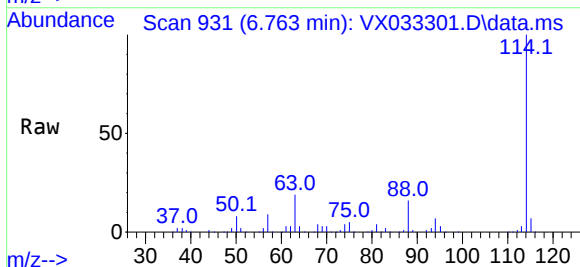
Tgt Ion: 114 Resp: 234768

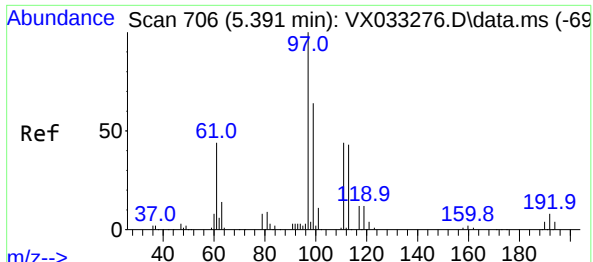
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.762 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033301.D

Acq: 07 Dec 2022 23:00

Instrument :

MSVOA_X

ClientSampleId :

MW-20

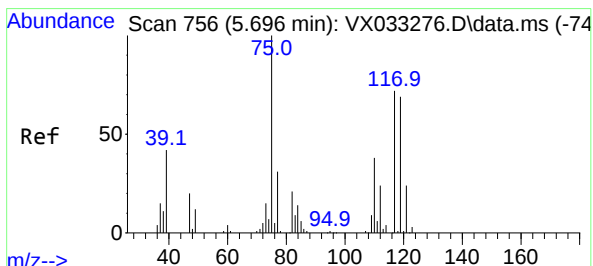
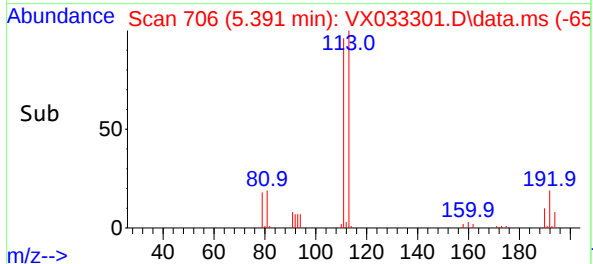
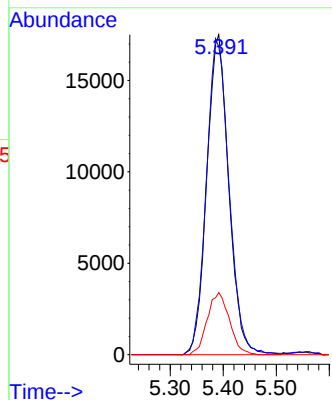
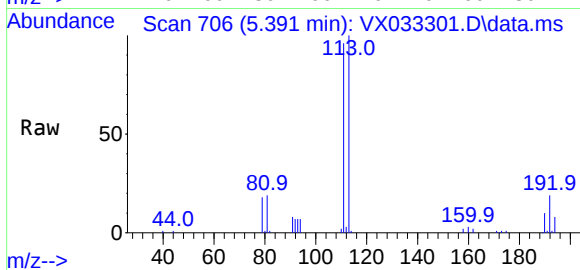
Tgt Ion:113 Resp: 50434

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 19.6 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.272 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033301.D

Acq: 07 Dec 2022 23:00

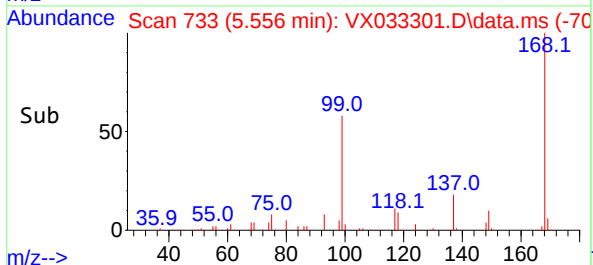
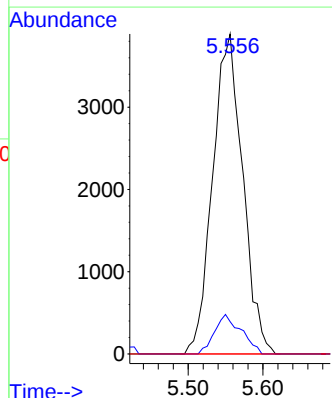
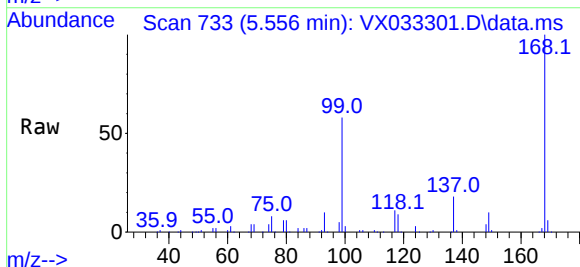
Tgt Ion: 75 Resp: 10854

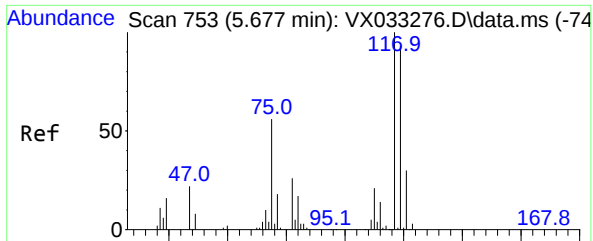
Ion Ratio Lower Upper

75 100

110 11.0 18.4 55.2#

77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.524 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX033301.D

Acq: 07 Dec 2022 23:00

Instrument :

MSVOA_X

ClientSampleId :

MW-20

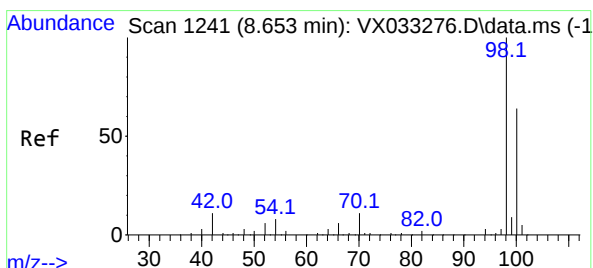
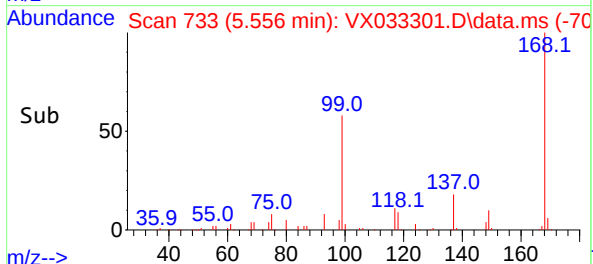
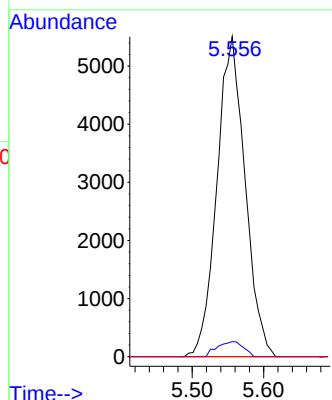
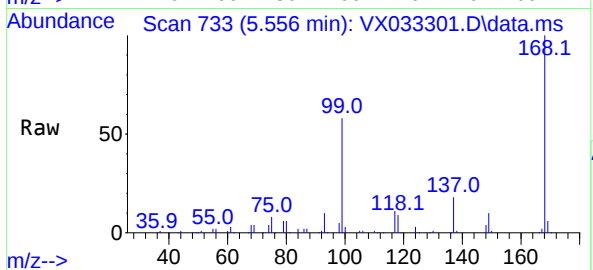
Tgt Ion:117 Resp: 15048

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 47.923 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033301.D

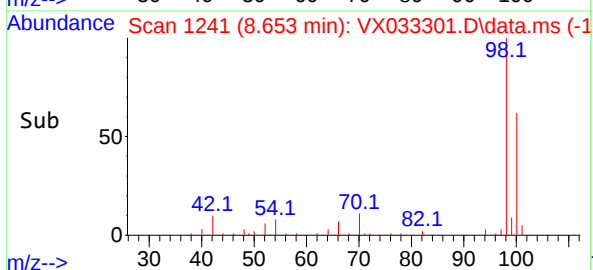
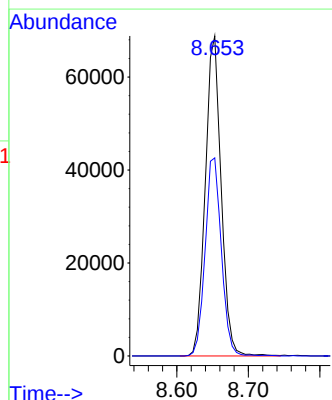
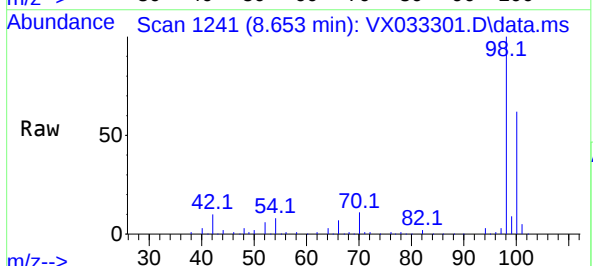
Acq: 07 Dec 2022 23:00

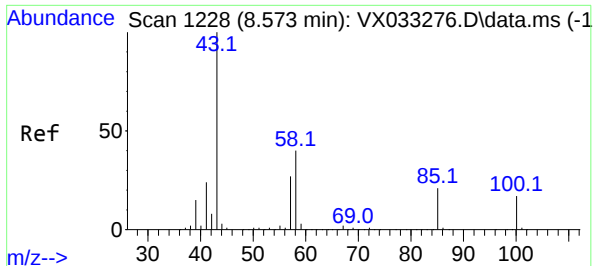
Tgt Ion: 98 Resp: 105860

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.253 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX033301.D

Acq: 07 Dec 2022 23:00

Instrument :

MSVOA_X

ClientSampleId :

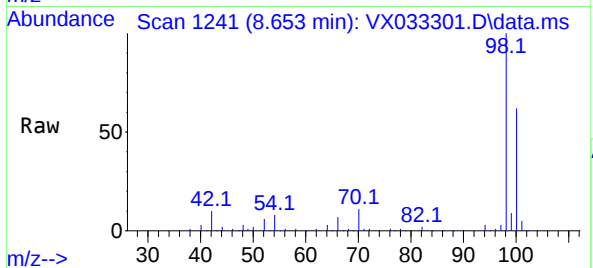
MW-20

Tgt Ion: 43 Resp: 501

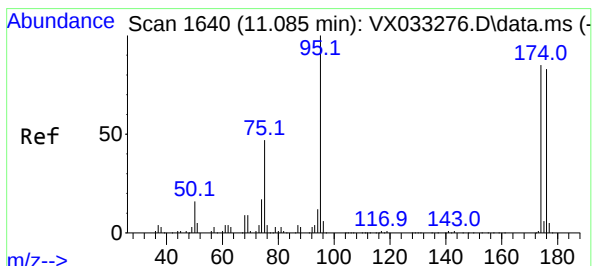
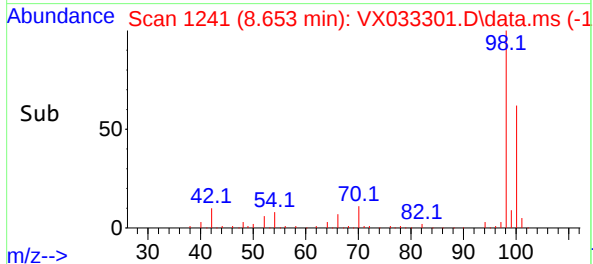
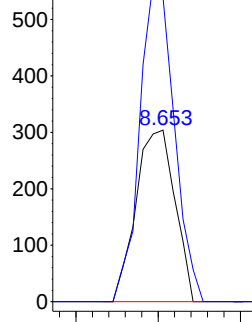
Ion Ratio Lower Upper

43 100

58 164.9 30.9 46.3#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.292 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033301.D

Acq: 07 Dec 2022 23:00

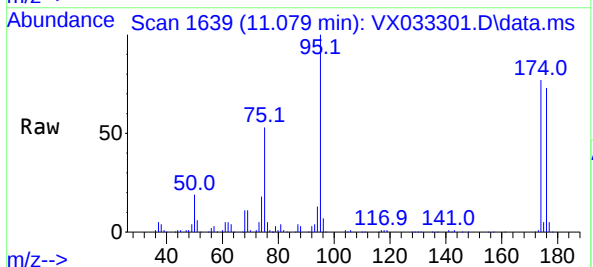
Tgt Ion: 95 Resp: 79877

Ion Ratio Lower Upper

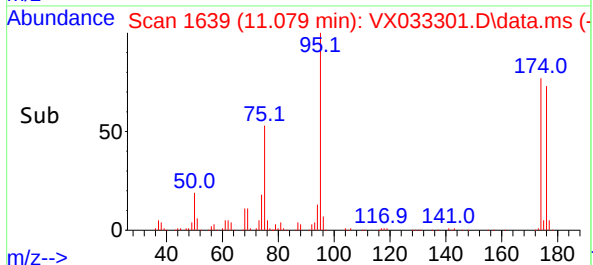
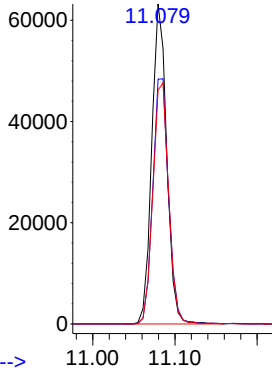
95 100

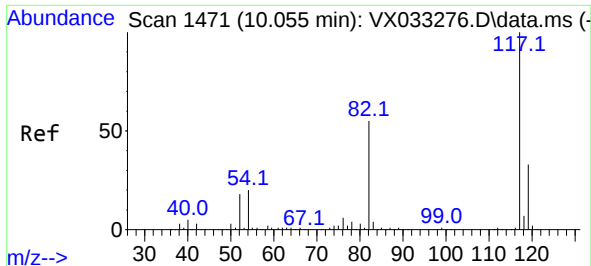
174 81.2 0.0 164.0

176 79.1 0.0 154.4



Abundance

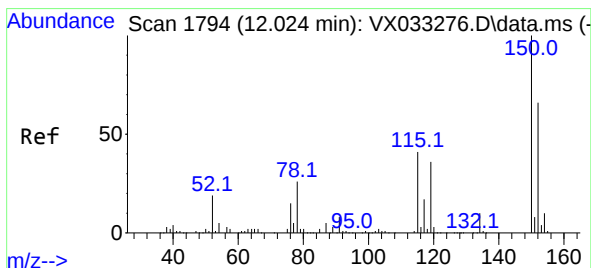
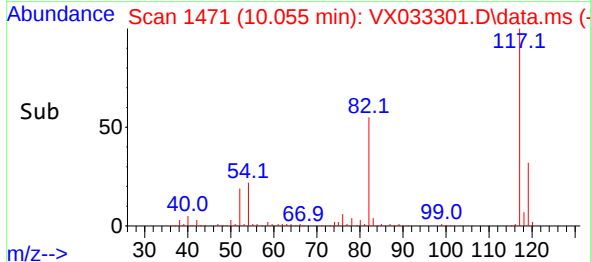
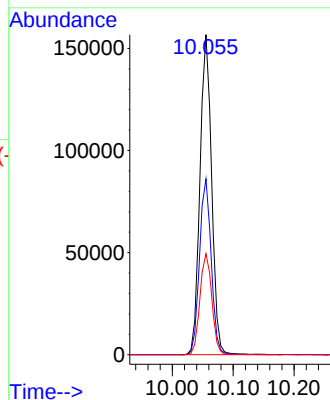
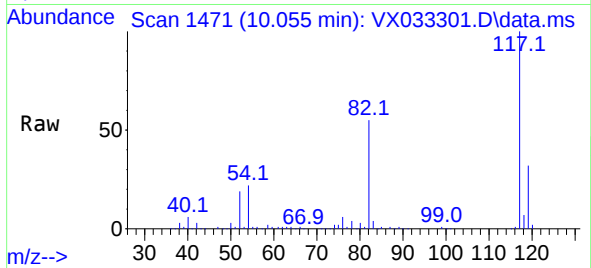




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

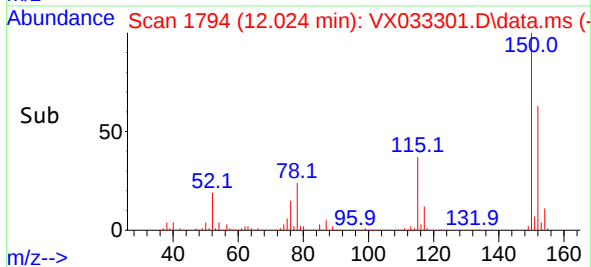
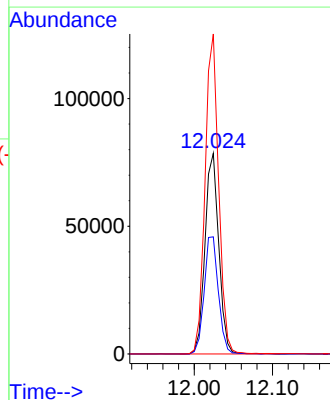
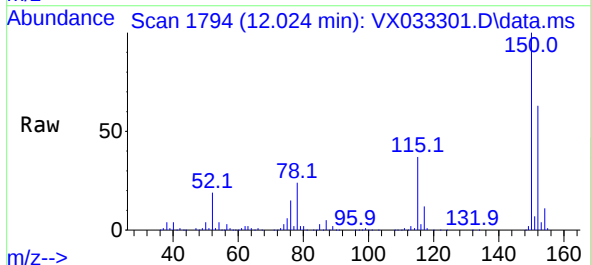
Instrument :
MSVOA_X
ClientSampleId :
MW-20

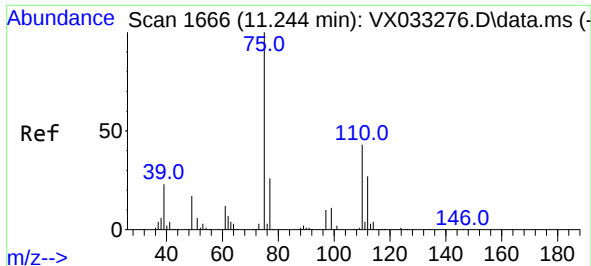
Tgt Ion:117 Resp: 208190
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

Tgt Ion:152 Resp: 95897
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 156.5 0.0 351.8

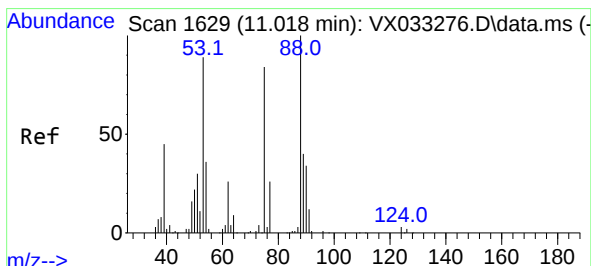
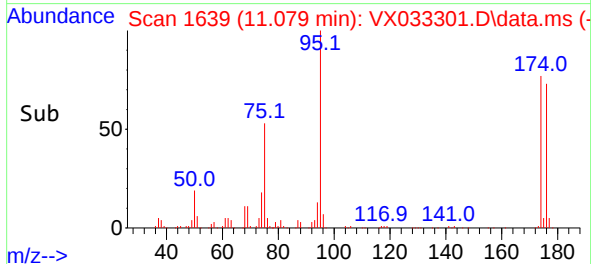
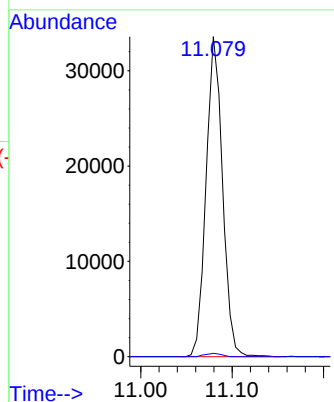
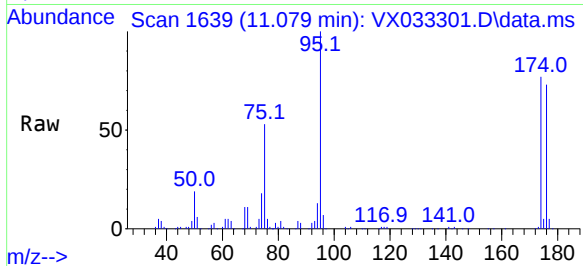




#76
1,2,3-Trichloropropane
Concen: 21.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

Instrument :
MSVOA_X
ClientSampleId :
MW-20

Tgt Ion: 75 Resp: 41854
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033301.D
Acq: 07 Dec 2022 23:00

Tgt Ion: 75 Resp: 41854
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

