

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032236.D
 Acq On : 20 Oct 2022 03:00
 Operator : JC/MD
 Sample : N5189-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1431-1

Quant Time: Oct 20 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95788	54.701	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.400%
35) Dibromofluoromethane	5.391	113	72927	48.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.647	98	266988	49.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	95708	48.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.320%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	428	Below Cal	#	44
6) Chloroethane	1.697	64	147	2.059	ug/l #	41
11) Tert butyl alcohol	2.928	59	538	Below Cal	#	74
16) Acetone	2.392	43	527	0.927	ug/l #	81
31) Cyclohexane	5.550	56	3207	1.602	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	10904	5.623	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13904	6.792	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1207	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52943	29.794	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	52943	91.194	ug/l #	6

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

Quant Time: Oct 20 05:26:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

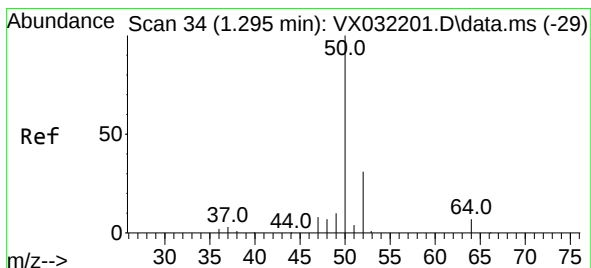
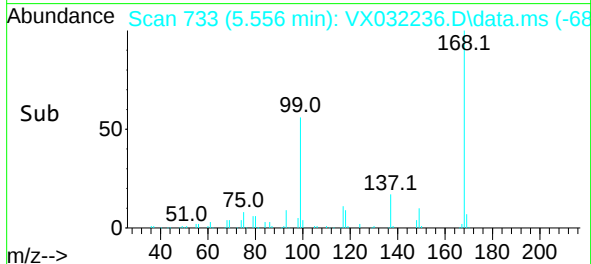
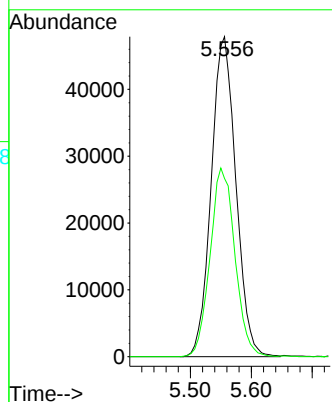
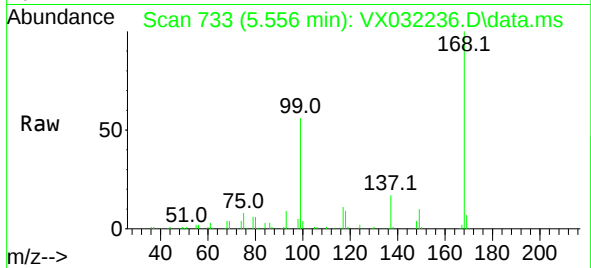




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

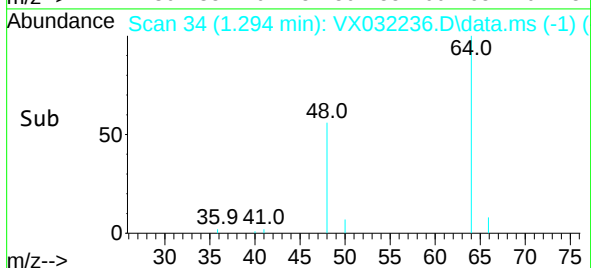
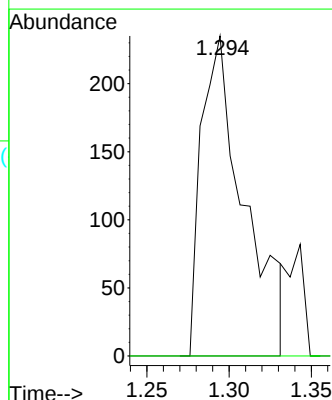
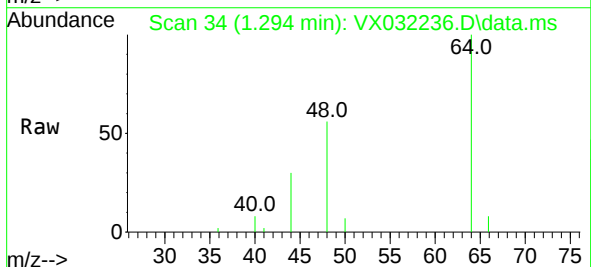
Instrument :
MSVOA_X
ClientSampleId :
1431-1

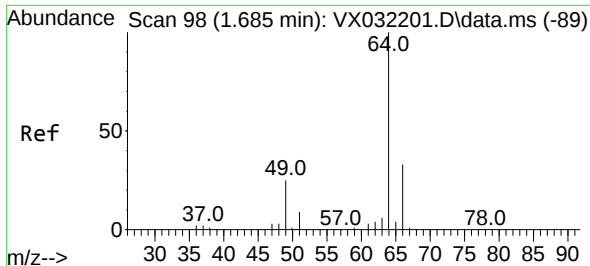
Tgt Ion:168 Resp: 134608
Ion Ratio Lower Upper
168 100
99 55.7 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

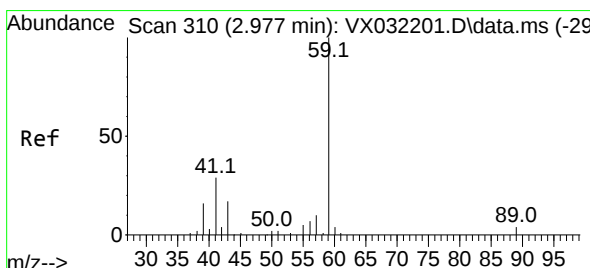
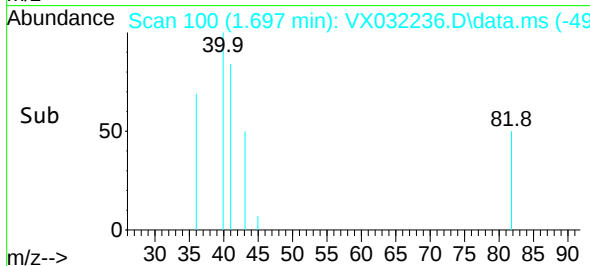
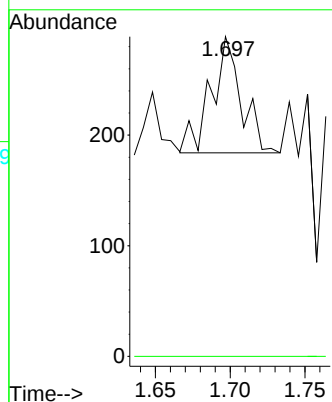
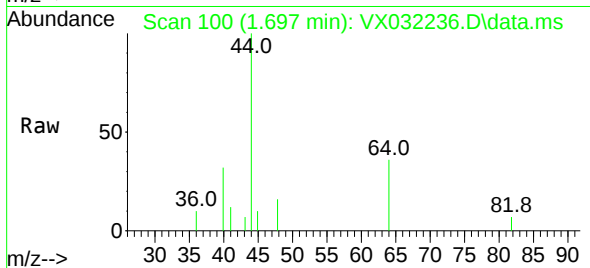




#6
Chloroethane
Concen: 2.059 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

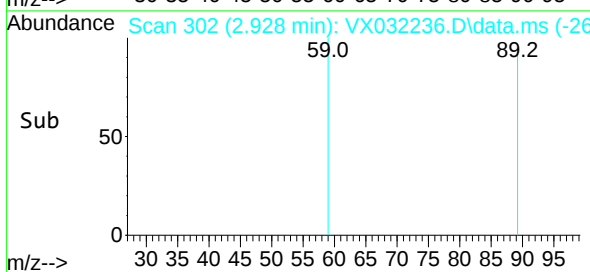
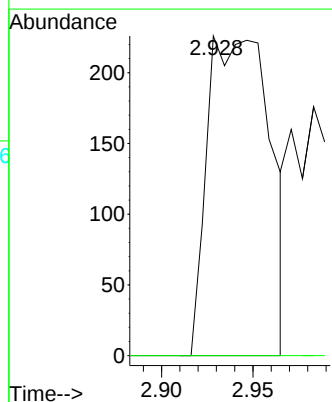
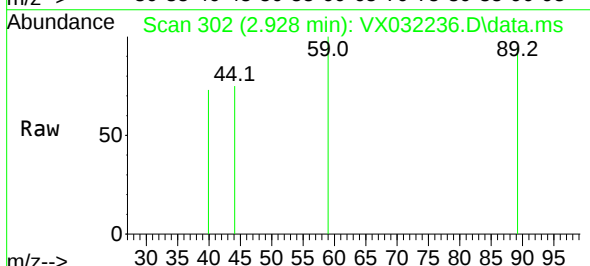
Instrument :
MSVOA_X
ClientSampleId :
1431-1

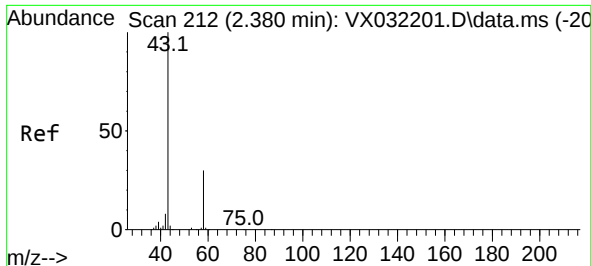
Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.928 min Scan# 302
Delta R.T. -0.049 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

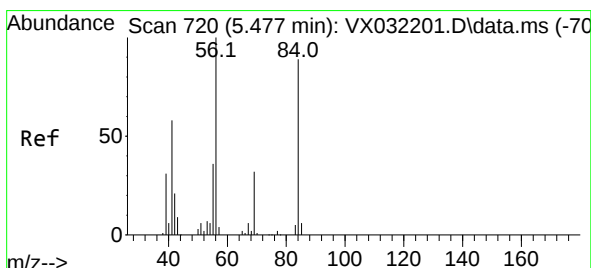
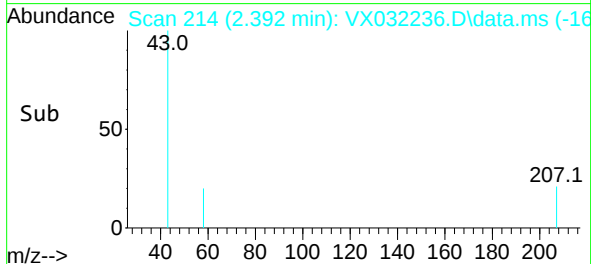
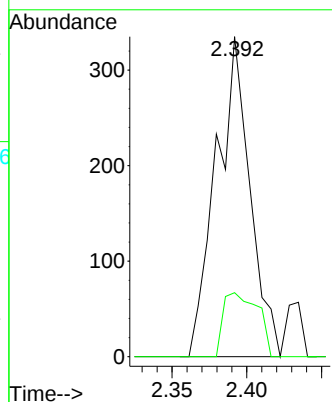
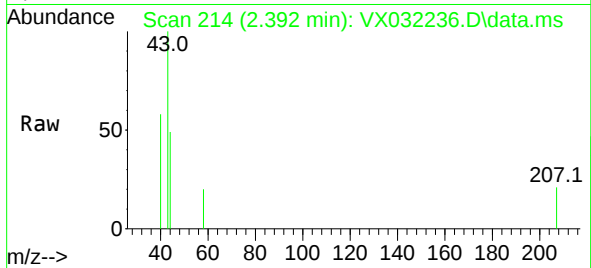




#16
Acetone
Concen: 0.927 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

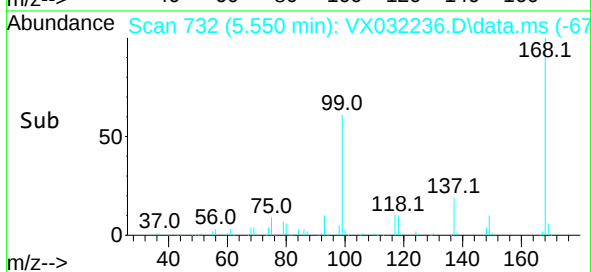
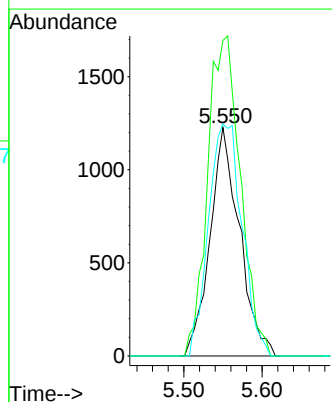
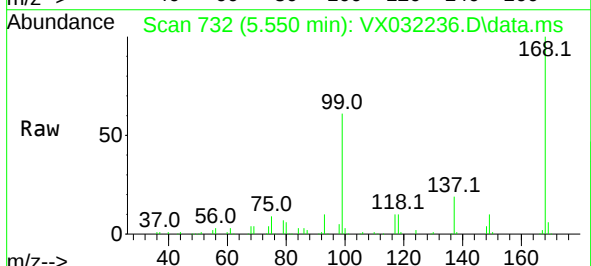
Instrument :
MSVOA_X
ClientSampleId :
1431-1

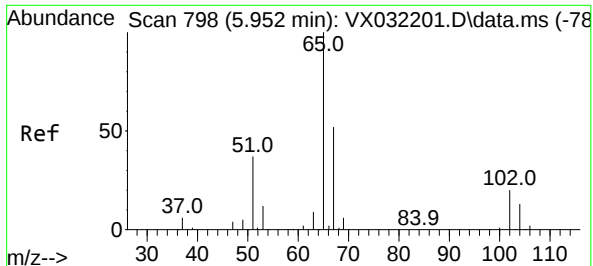
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 20.0 24.2 36.2#



#31
Cyclohexane
Concen: 1.602 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 56 Resp: 3207
Ion Ratio Lower Upper
56 100
69 138.1 25.4 38.0#
84 101.5 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 54.701 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032236.D

Acq: 20 Oct 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

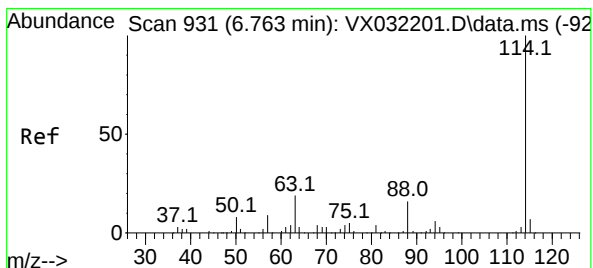
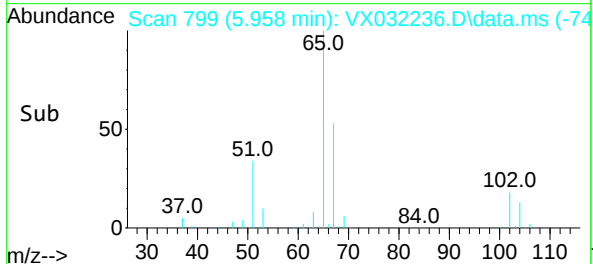
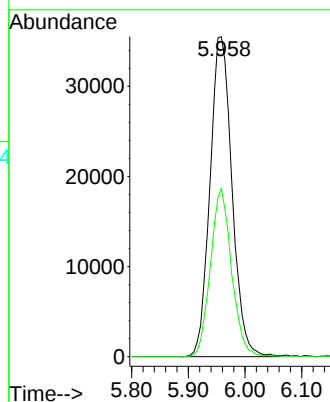
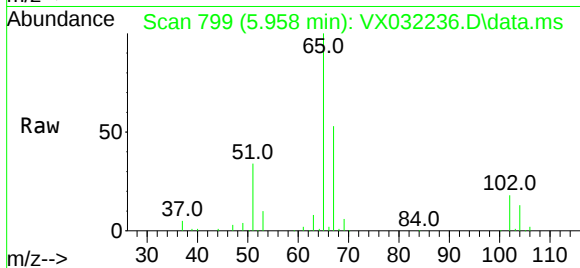
1431-1

Tgt Ion: 65 Resp: 95788

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032236.D

Acq: 20 Oct 2022 03:00

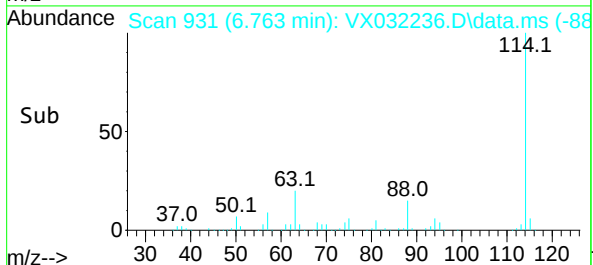
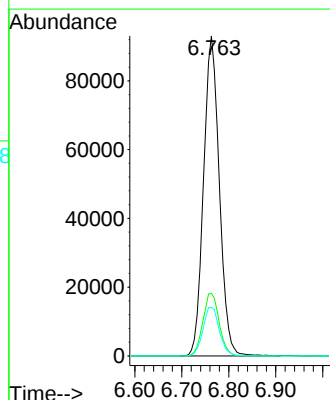
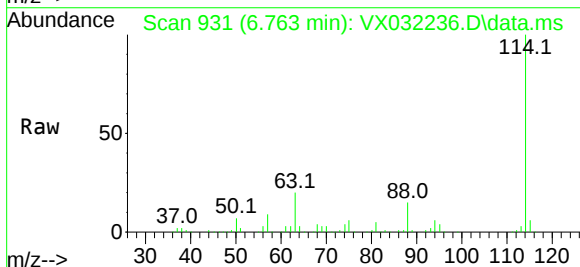
Tgt Ion: 114 Resp: 216642

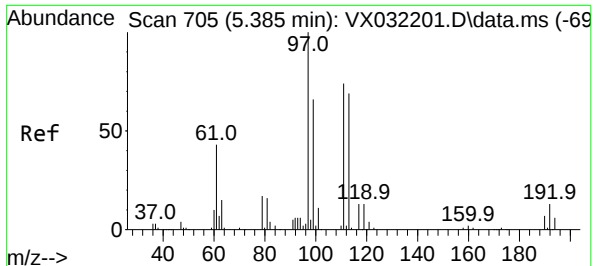
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 15.2 0.0 32.6

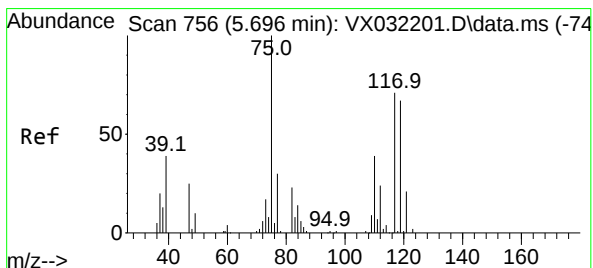
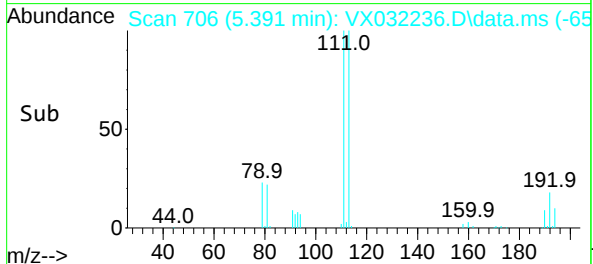
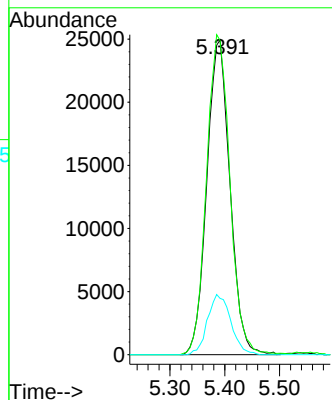
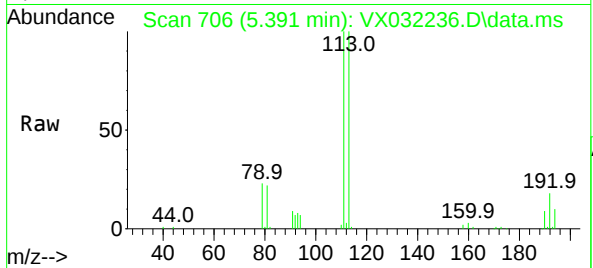




#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

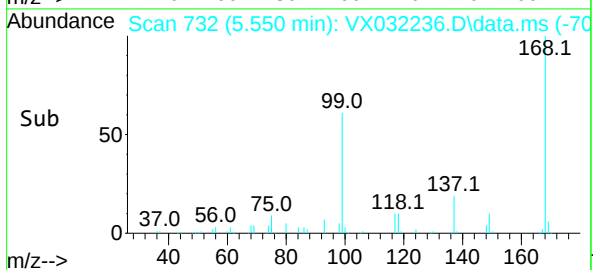
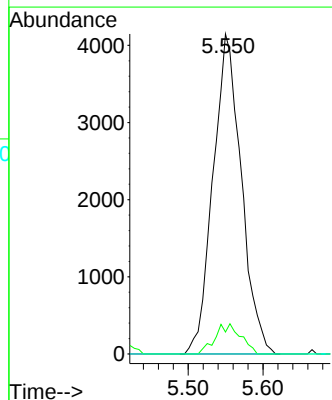
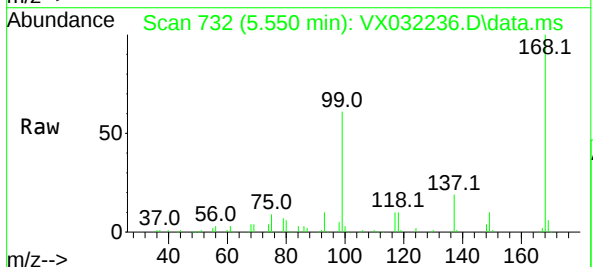
Instrument :
MSVOA_X
ClientSampleId :
1431-1

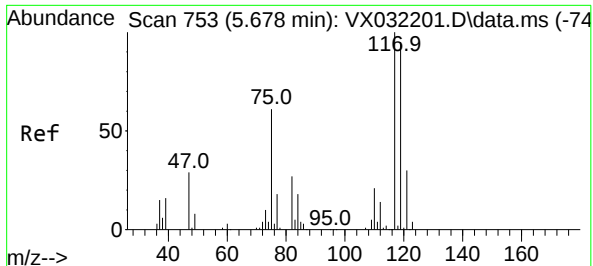
Tgt Ion:113 Resp: 72927
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.3 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.623 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

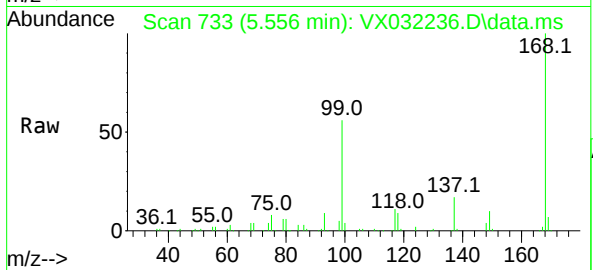
Tgt Ion: 75 Resp: 10904
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.0#
77 0.0 24.7 37.1#



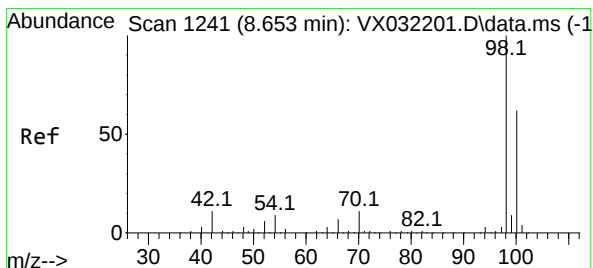
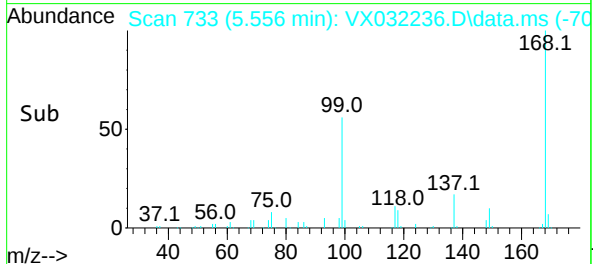
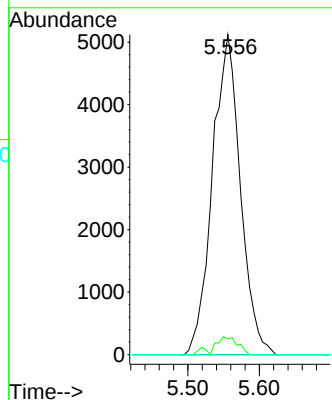


#38
Carbon Tetrachloride
Concen: 6.792 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Instrument :
MSVOA_X
ClientSampleId :
1431-1

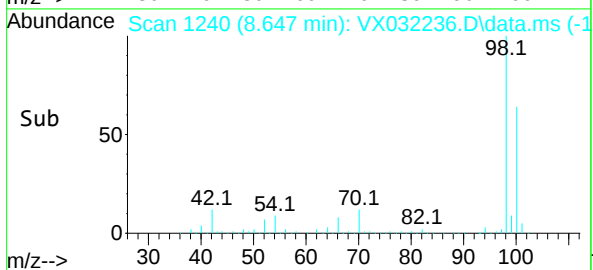
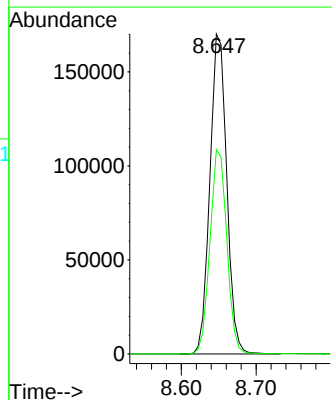
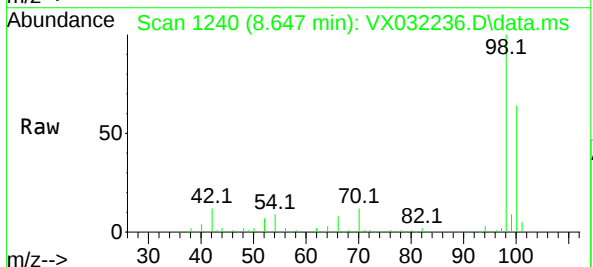


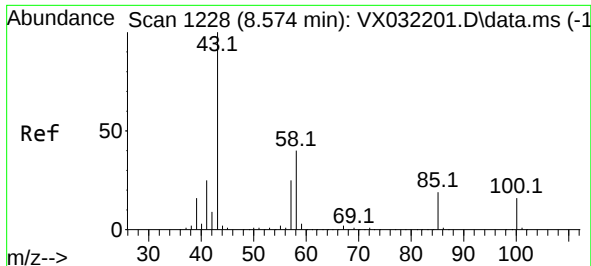
Tgt Ion:117 Resp: 13904
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 98 Resp: 266988
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.646 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032236.D

Acq: 20 Oct 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

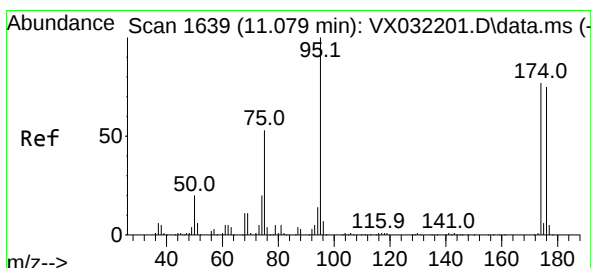
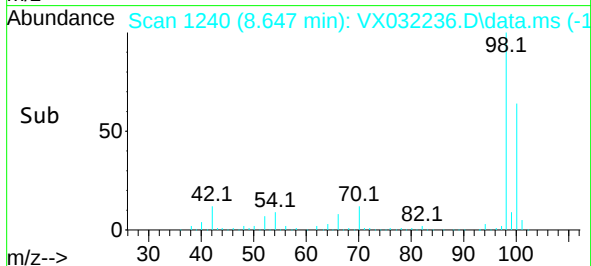
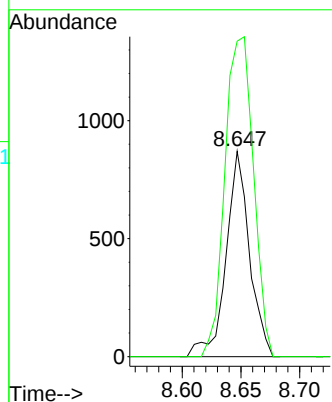
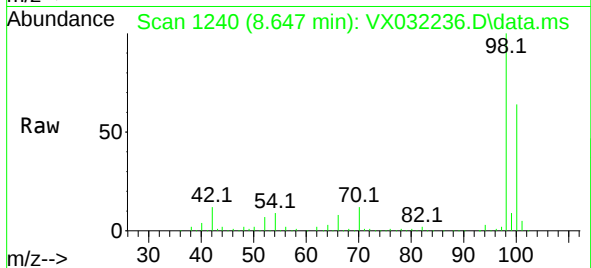
1431-1

Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

58 190.1 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 48.163 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032236.D

Acq: 20 Oct 2022 03:00

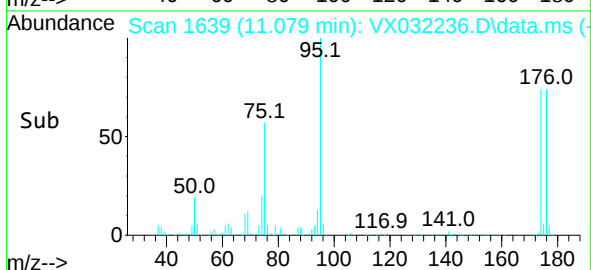
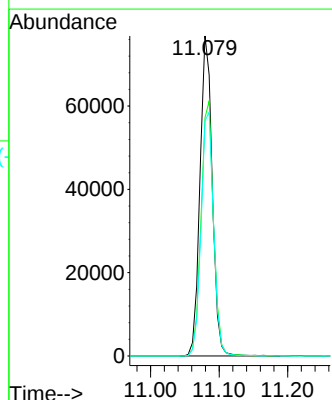
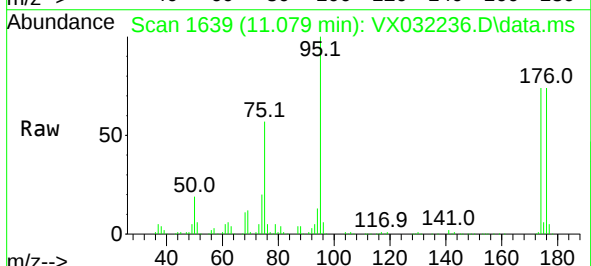
Tgt Ion: 95 Resp: 95708

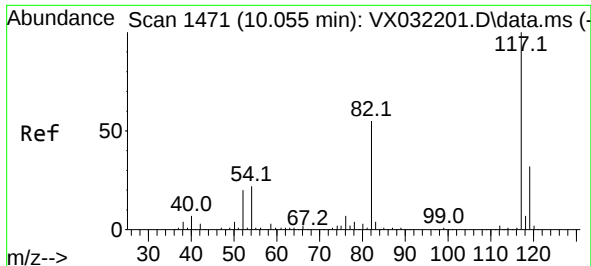
Ion Ratio Lower Upper

95 100

174 81.0 0.0 166.8

176 77.8 0.0 161.4

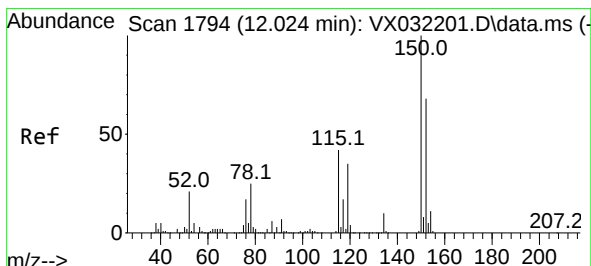
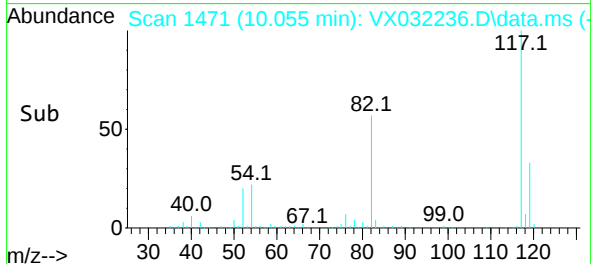
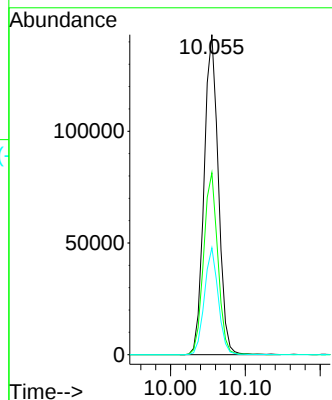
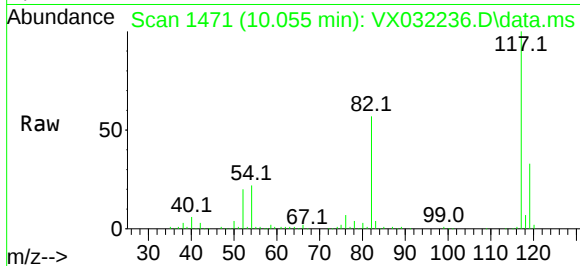




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

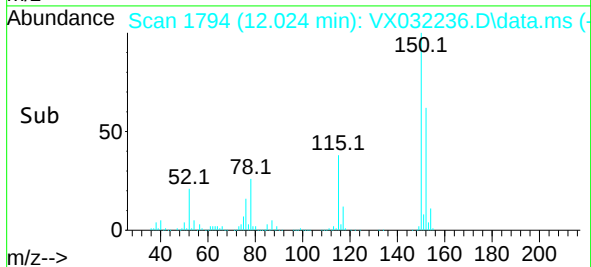
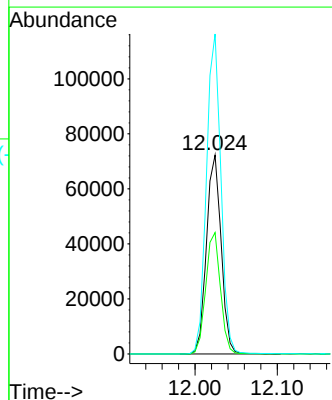
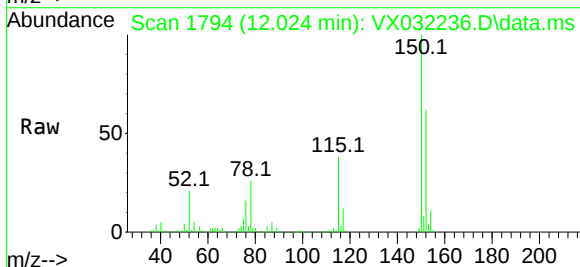
Instrument :
MSVOA_X
ClientSampleId :
1431-1

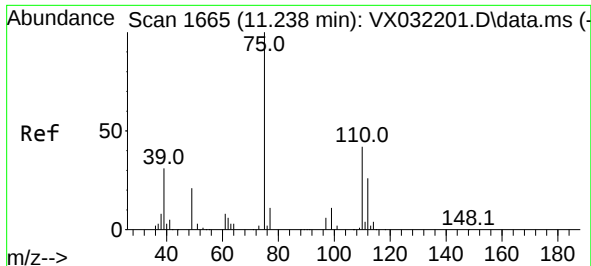
Tgt Ion:117 Resp: 189958
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.4
119 33.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion:152 Resp: 89681
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 158.9 0.0 348.6

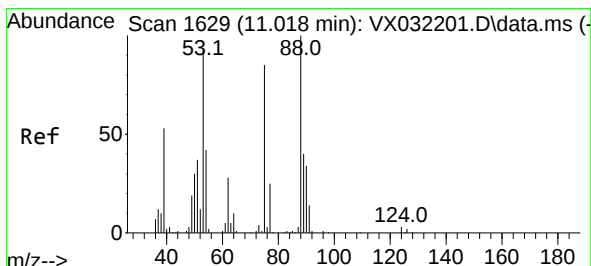
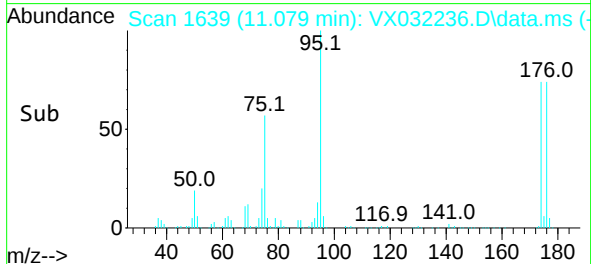
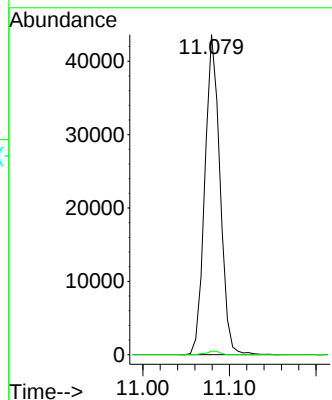
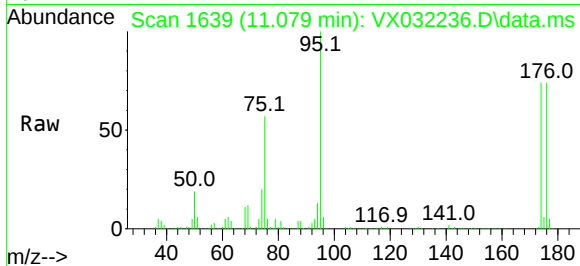




#76
1,2,3-Trichloropropane
Concen: 29.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Instrument :
MSVOA_X
ClientSampleId :
1431-1

Tgt Ion: 75 Resp: 52943
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032236.D
Acq: 20 Oct 2022 03:00

Tgt Ion: 75 Resp: 52943
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.1 37.8 56.8#

