

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033188.D
 Acq On : 02 Dec 2022 16:11
 Operator : JC/MD
 Sample : N5857-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-SAMPLE-TANK-10-11-12-31-33

Quant Time: Dec 03 04:33:54 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	113713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61166	55.385	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.780%			
35) Dibromofluoromethane	5.391	113	49330	47.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.220%			
50) Toluene-d8	8.653	98	163370	51.941	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.880%			
62) 4-Bromofluorobenzene	11.079	95	60433	43.938	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	870	4.956	ug/l #	72
16) Acetone	2.392	43	603	1.166	ug/l	99
20) Methylene Chloride	2.794	84	112	Below Cal	#	61
31) Cyclohexane	5.544	56	2527	1.408	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	9324	5.569	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11752	6.328	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	665	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32984	22.978	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32984	74.688	ug/l #	6

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

Quant Time: Dec 03 04:33:54 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

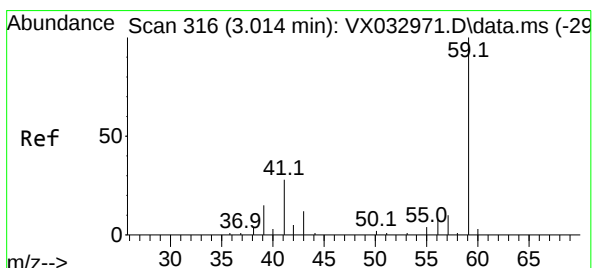
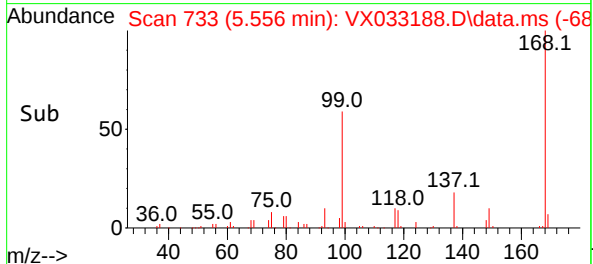
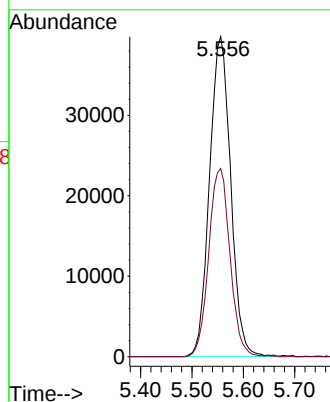
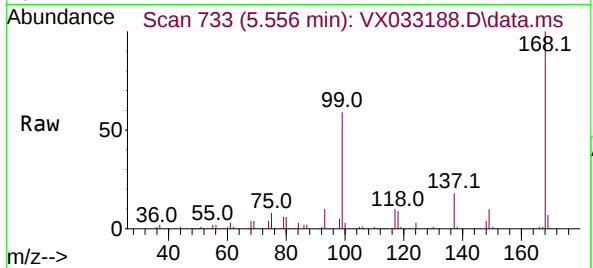




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

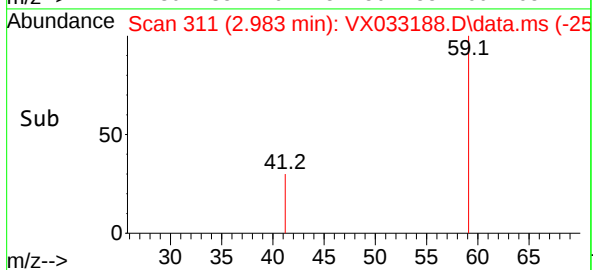
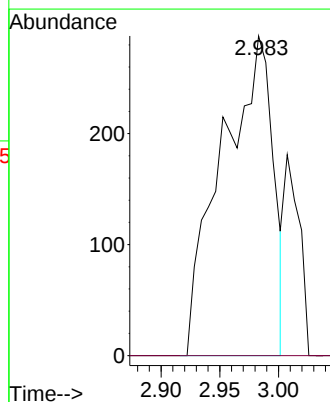
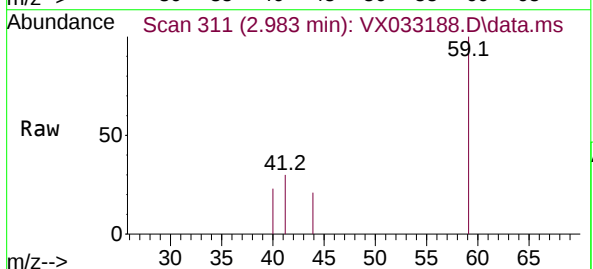
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

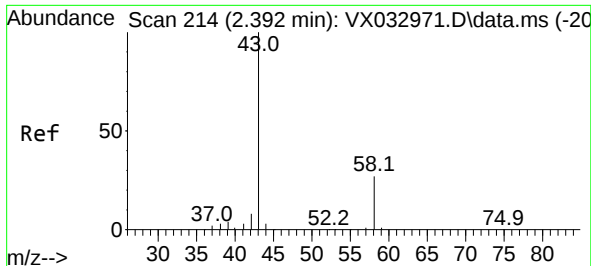
Tgt Ion:168 Resp: 113713
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.956 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

Tgt Ion: 59 Resp: 870
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.166 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033188.D

Acq: 02 Dec 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

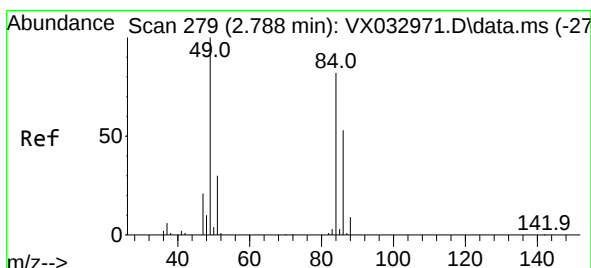
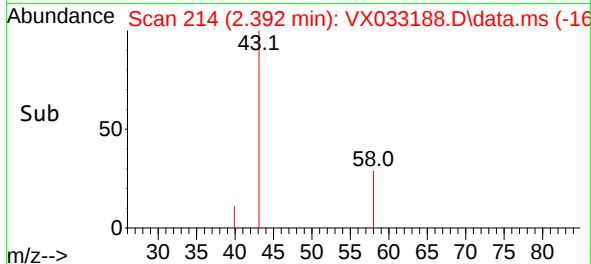
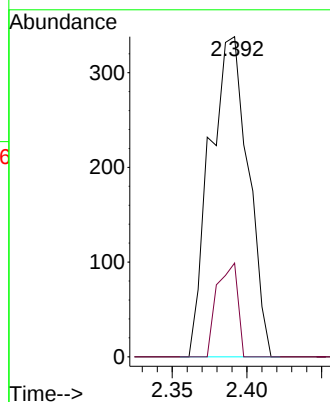
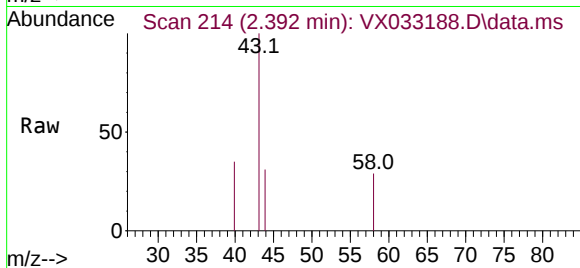
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033188.D

Acq: 02 Dec 2022 16:11

Tgt Ion: 84 Resp: 112

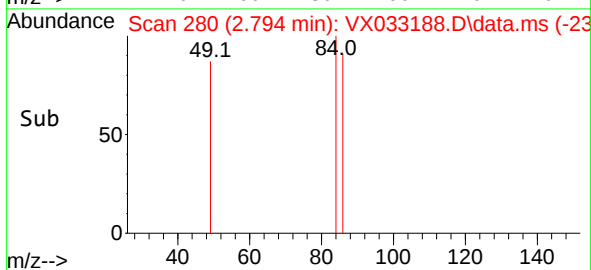
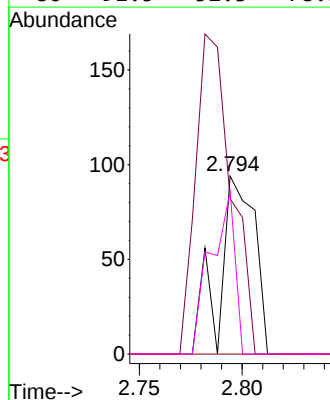
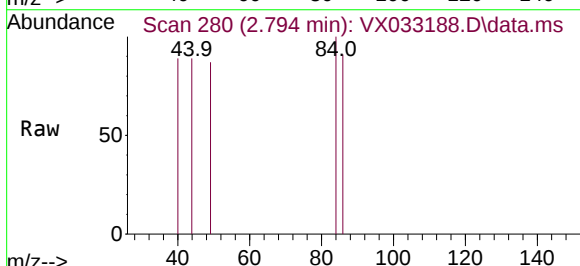
Ion Ratio Lower Upper

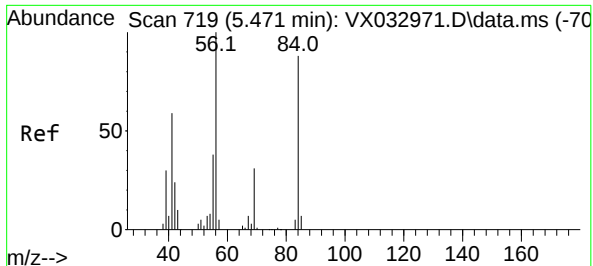
84 100

49 87.2 101.0 151.6#

51 0.0 31.1 46.7#

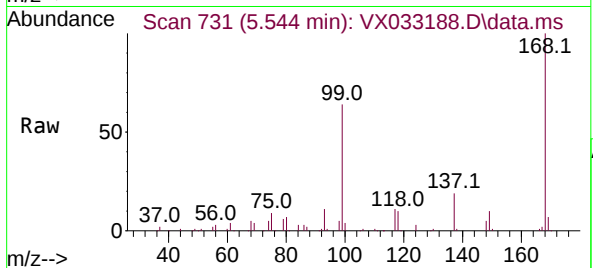
86 91.5 52.3 78.5#



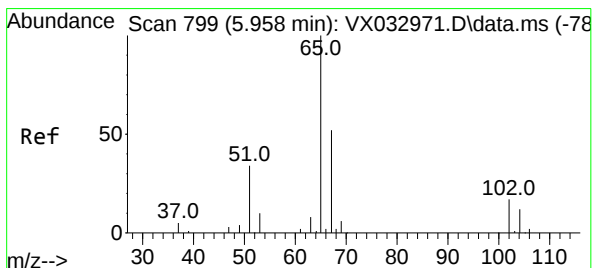
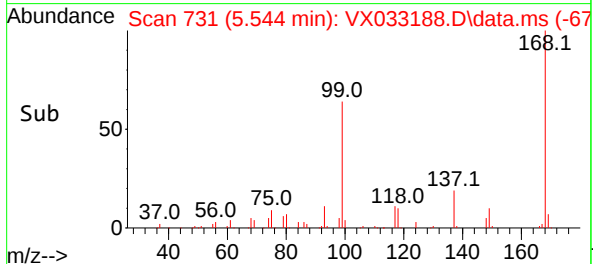
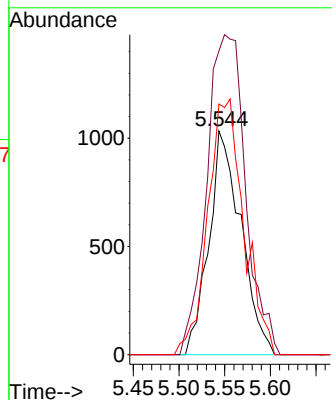


#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

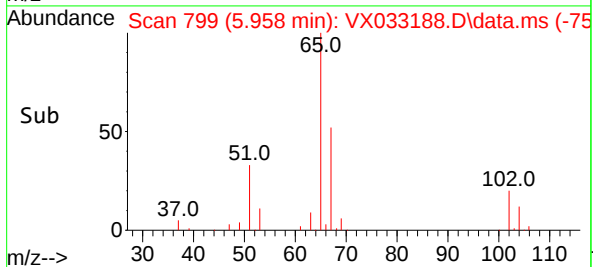
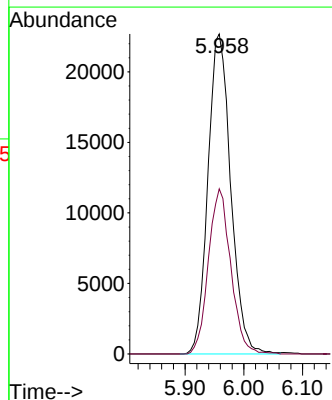
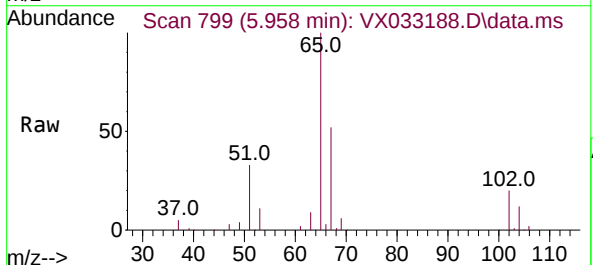


Tgt Ion: 56 Resp: 2527
Ion Ratio Lower Upper
56 100
69 135.8 24.1 36.1#
84 112.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.385 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

Tgt Ion: 65 Resp: 61166
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

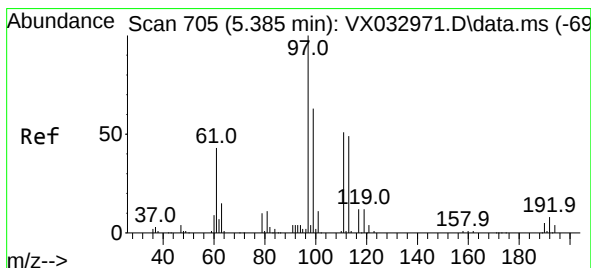
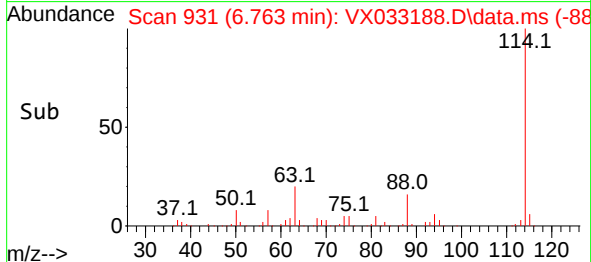
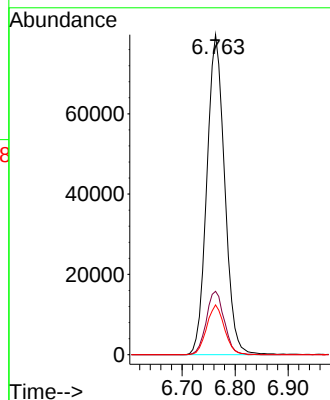
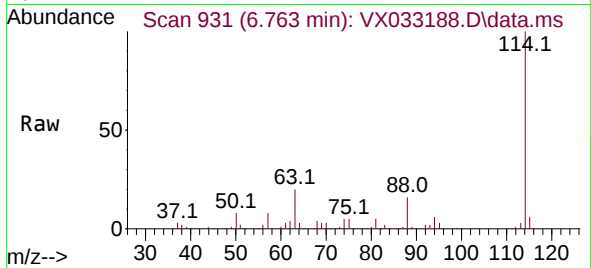




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

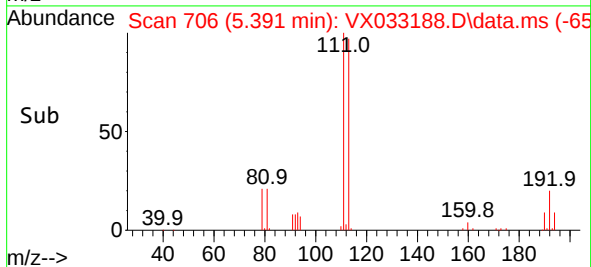
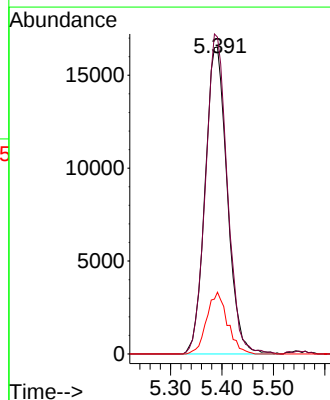
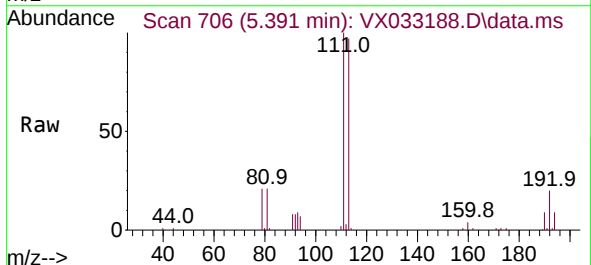
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

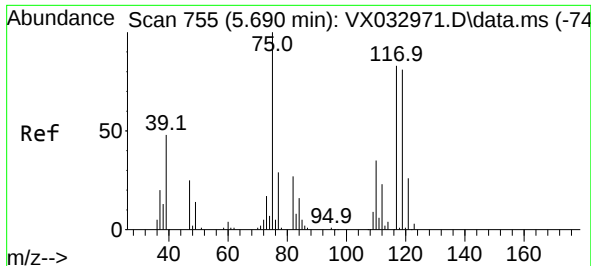
Tgt Ion:114 Resp: 185727
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.113 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

Tgt Ion:113 Resp: 49330
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.569 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033188.D

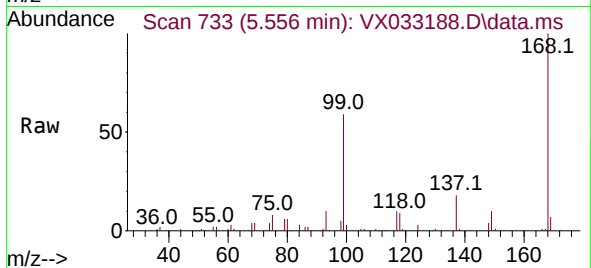
Acq: 02 Dec 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-SAMPLE-TANK-10-11-12-31-33



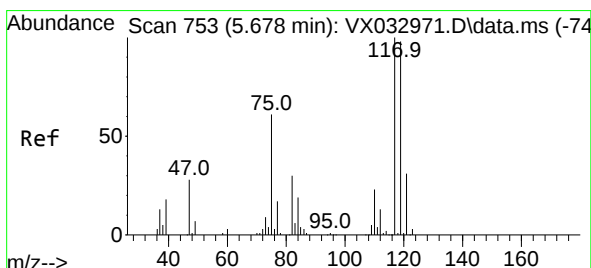
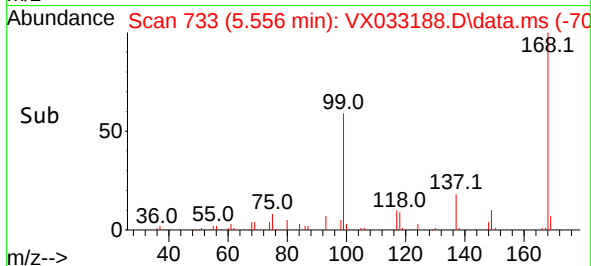
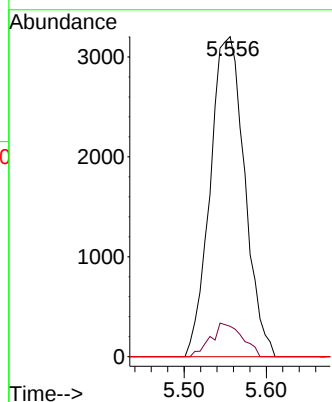
Tgt Ion: 75 Resp: 9324

Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.328 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033188.D

Acq: 02 Dec 2022 16:11

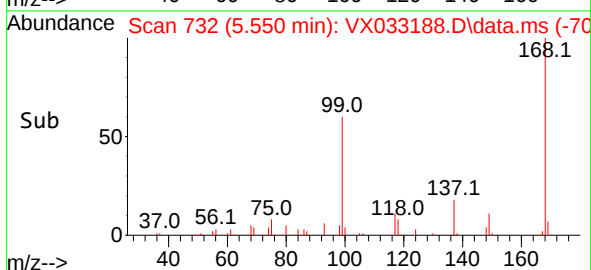
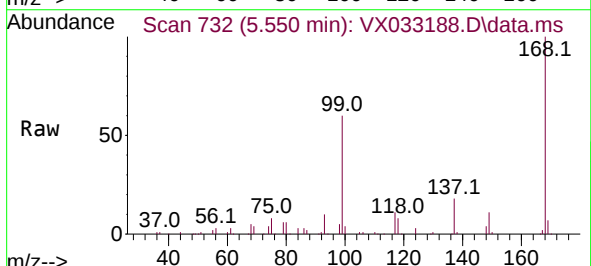
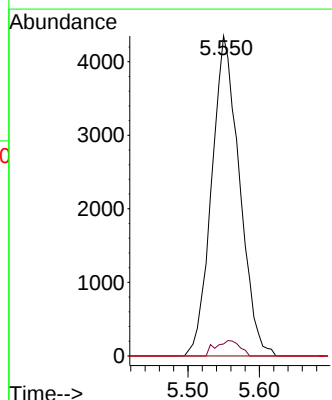
Tgt Ion: 117 Resp: 11752

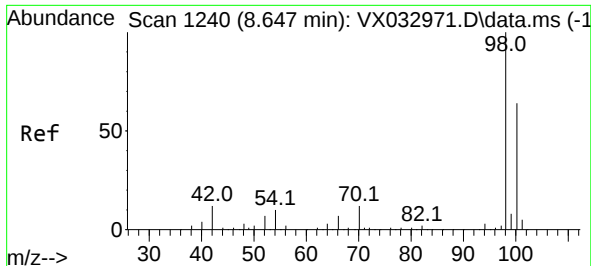
Ion Ratio Lower Upper

117 100

119 3.7 77.2 115.8#

121 0.0 25.8 38.6#

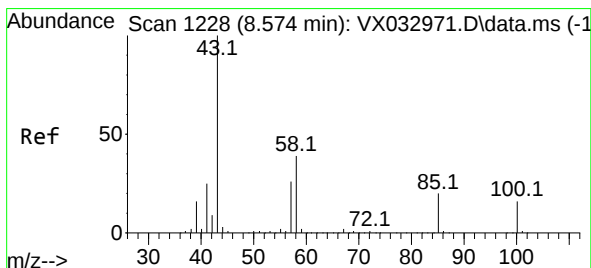
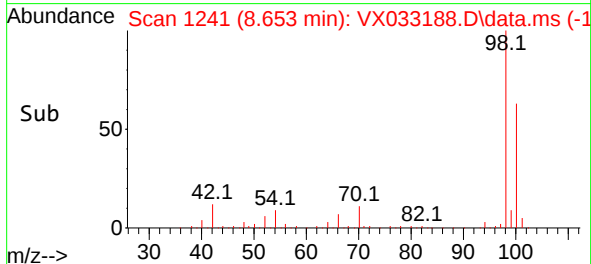
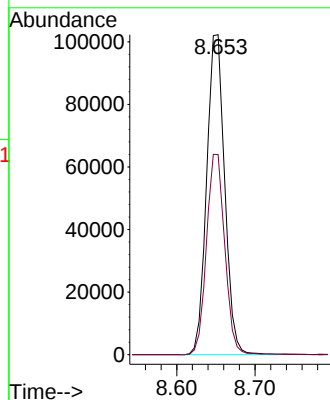
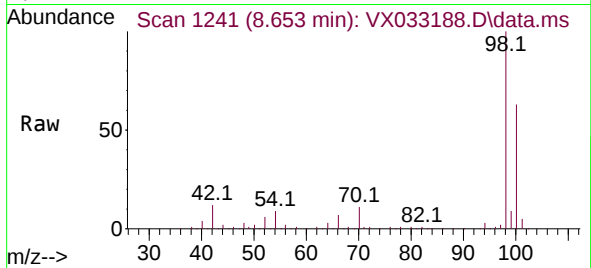




#50
Toluene-d8
Concen: 51.941 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

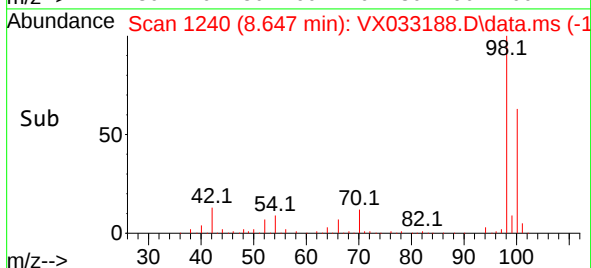
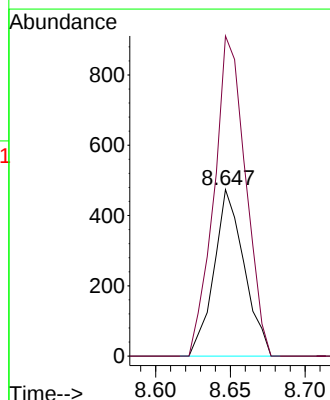
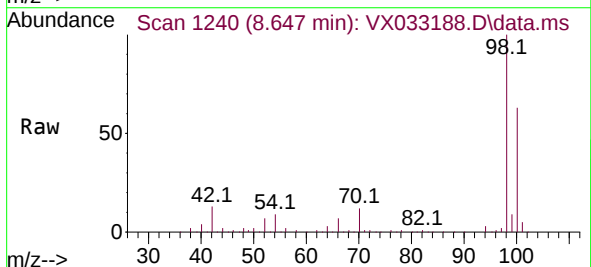
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

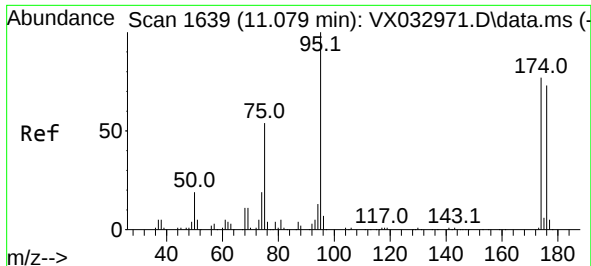
Tgt Ion: 98 Resp: 163370
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033188.D
Acq: 02 Dec 2022 16:11

Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
58 200.8 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 43.938 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033188.D

Acq: 02 Dec 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-SAMPLE-TANK-10-11-12-31-33

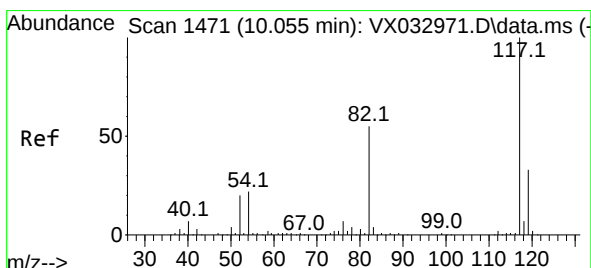
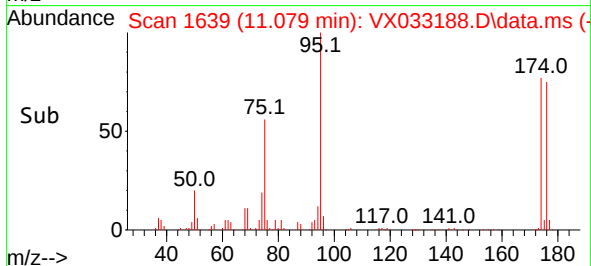
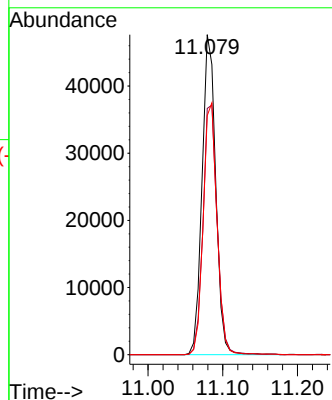
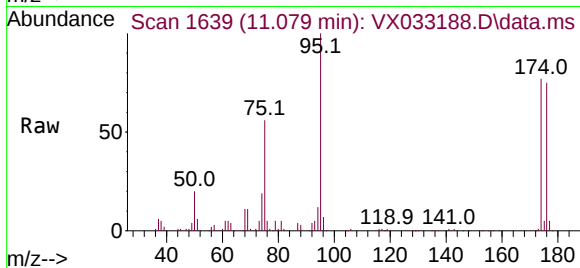
Tgt Ion: 95 Resp: 60433

Ion Ratio Lower Upper

95 100

174 80.7 0.0 164.0

176 79.8 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: VX033188.D

Acq: 02 Dec 2022 16:11

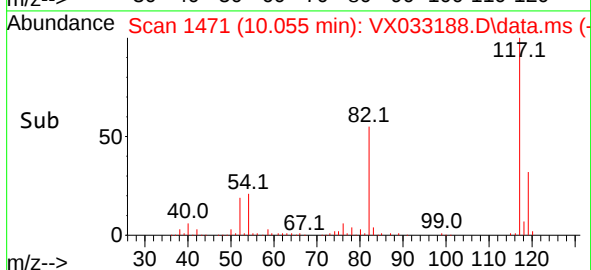
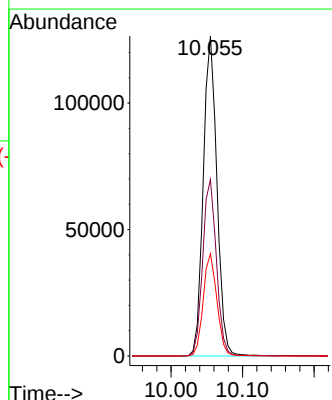
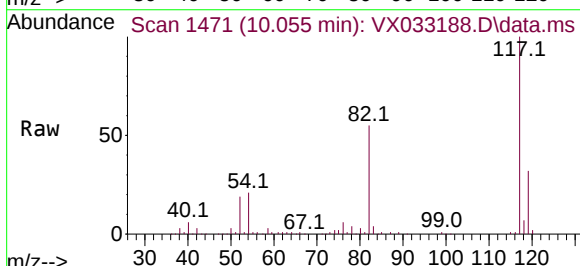
Tgt Ion: 117 Resp: 167709

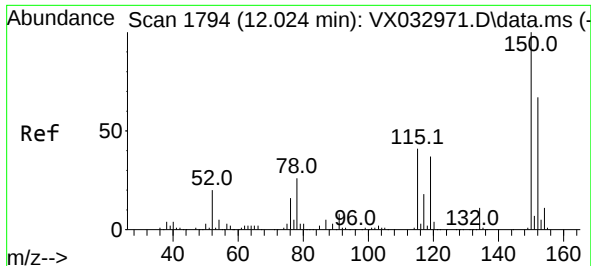
Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

119 31.9 25.7 38.5

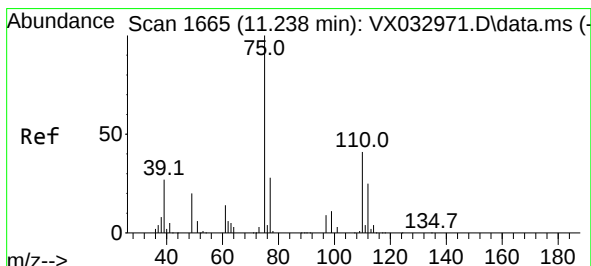
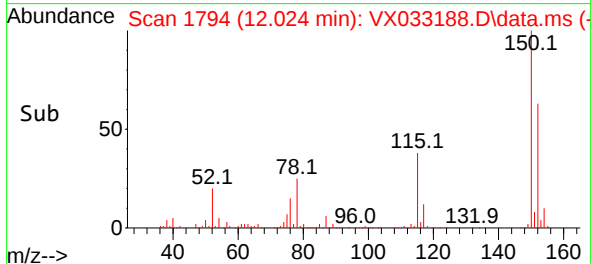
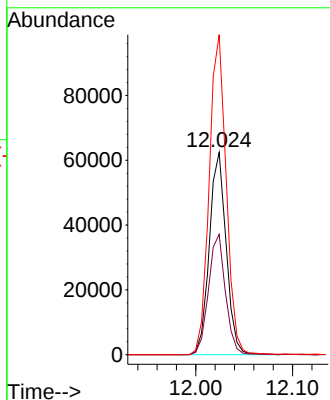
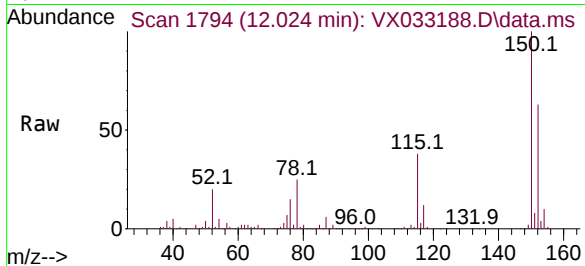




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033188.D
 Acq: 02 Dec 2022 16:11

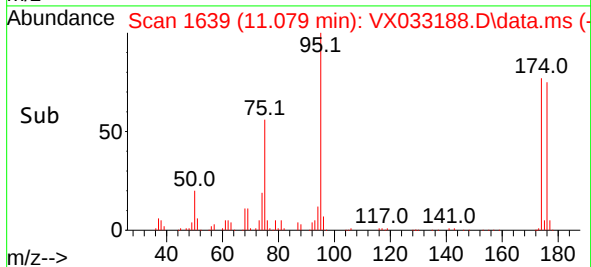
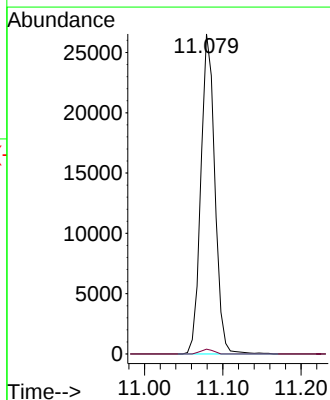
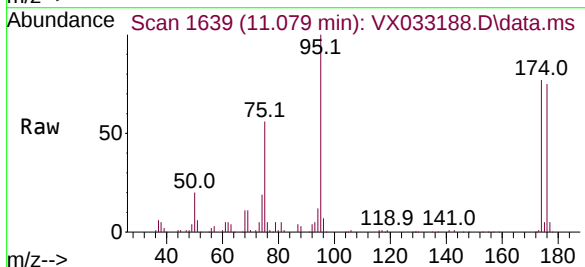
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-SAMPLE-TANK-10-11-12-31-33

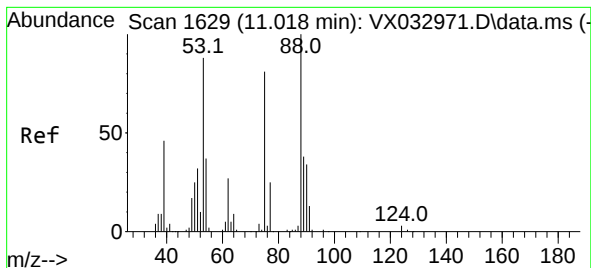
Tgt Ion:152 Resp: 75797
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.0 132.0
 150 159.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.978 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033188.D
 Acq: 02 Dec 2022 16:11

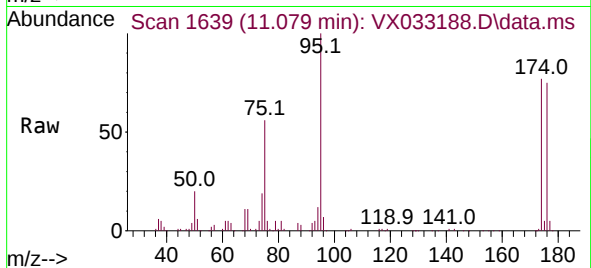
Tgt Ion: 75 Resp: 32984
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.688 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033188.D
 Acq: 02 Dec 2022 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-SAMPLE-TANK-10-11-12-31-33



Tgt Ion: 75 Resp: 32984
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

