

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032581.D
 Acq On : 04 Nov 2022 17:01
 Operator : JC/MD
 Sample : N5490-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:38:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

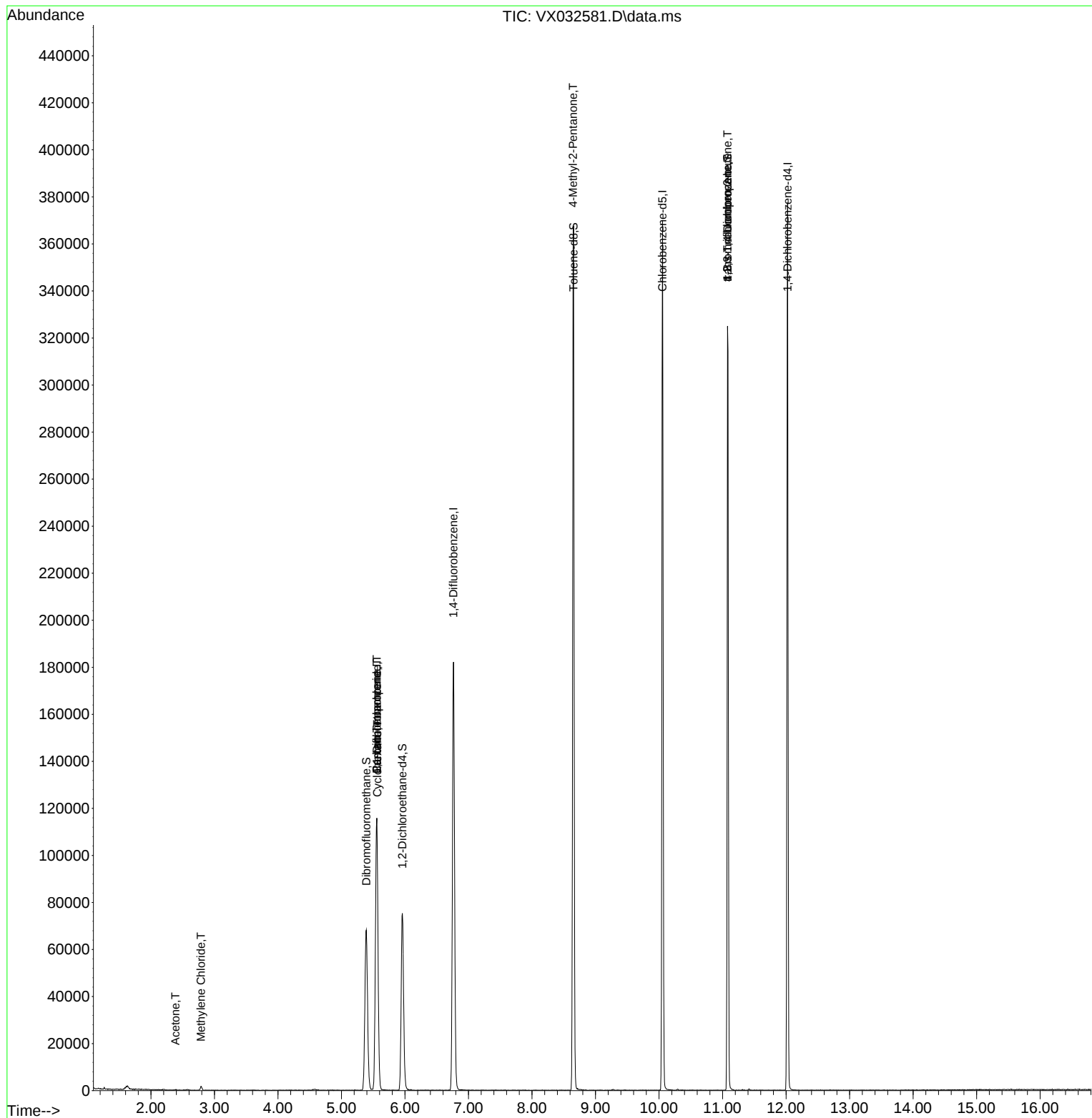
Internal Standards						
1) Pentafluorobenzene	5.556	168	108916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75385	49.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.620%
35) Dibromofluoromethane	5.391	113	58552	44.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.000%
50) Toluene-d8	8.653	98	217108	47.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.079	95	82584	46.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	356	0.647	ug/l	90
20) Methylene Chloride	2.788	84	789	0.626	ug/l	91
31) Cyclohexane	5.562	56	2334	1.272	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	8792	4.852	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11140	5.543	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	959	0.526	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45863	26.912	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45863	85.636	ug/l #	6

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

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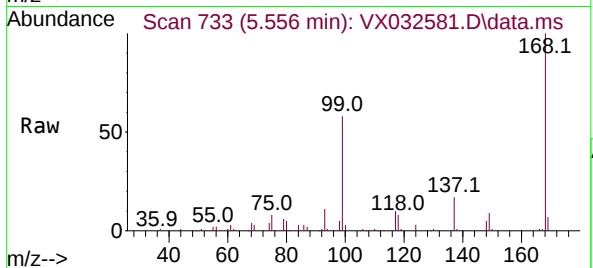
Quant Time: Nov 05 00:38:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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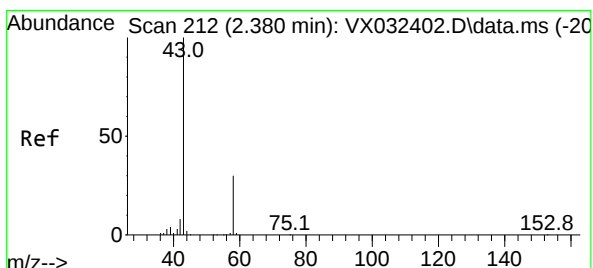
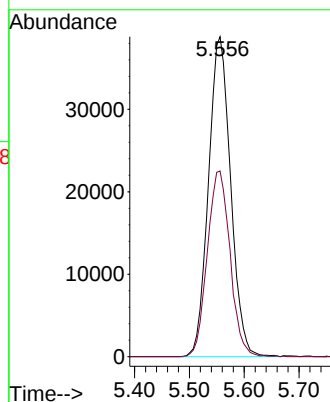
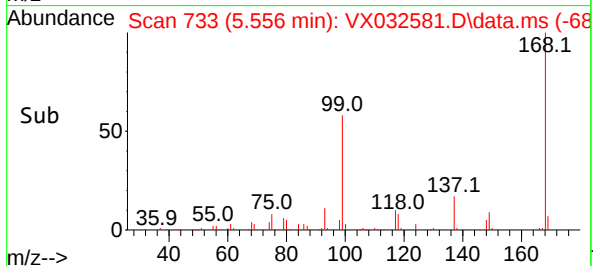


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

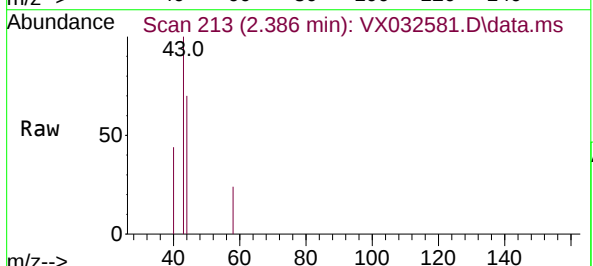
Instrument :
MSVOA_X
ClientSampleId :



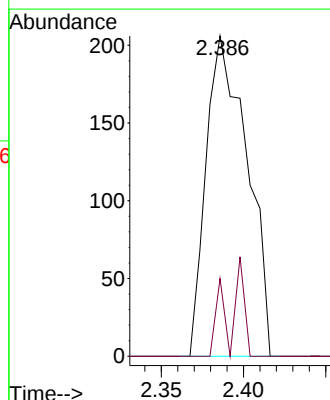
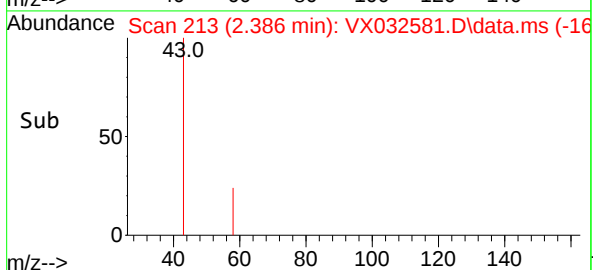
Tgt Ion:168 Resp: 108916
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1

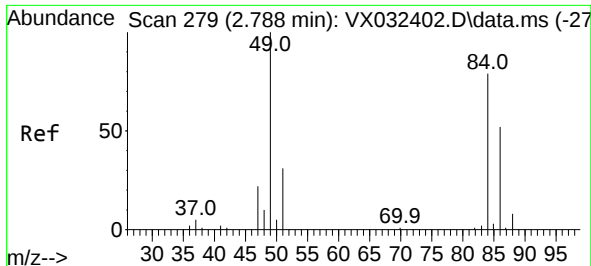


#16
Acetone
Concen: 0.647 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01



Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
58 24.3 23.8 35.8





#20

Methylene Chloride

Concen: 0.626 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

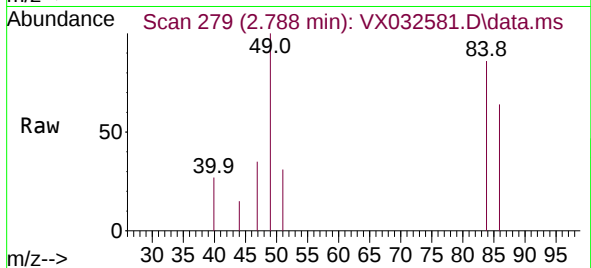
Lab File: VX032581.D

Acq: 04 Nov 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 789

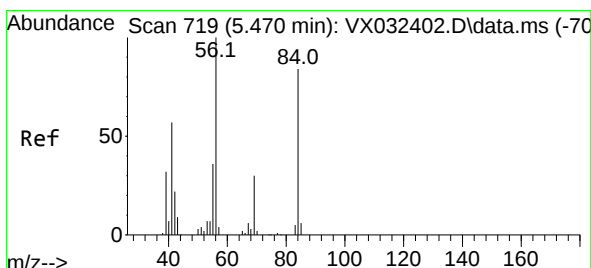
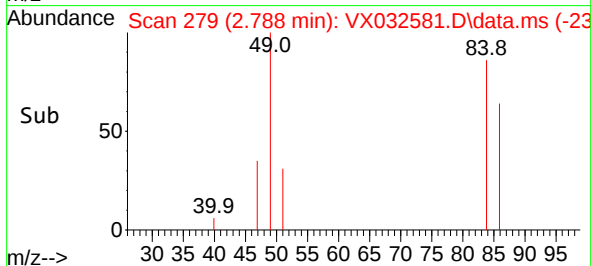
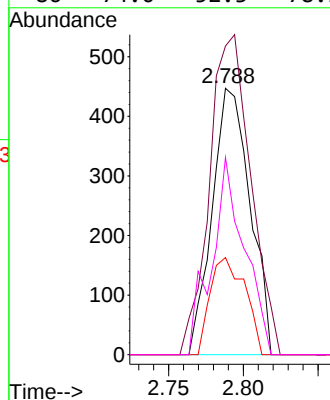
Ion Ratio Lower Upper

84 100

49 115.9 101.0 151.6

51 36.5 31.1 46.7

86 74.0 52.3 78.5



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX032581.D

Acq: 04 Nov 2022 17:01

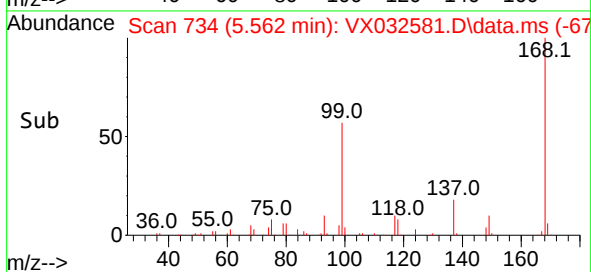
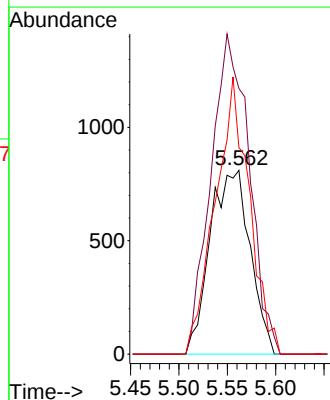
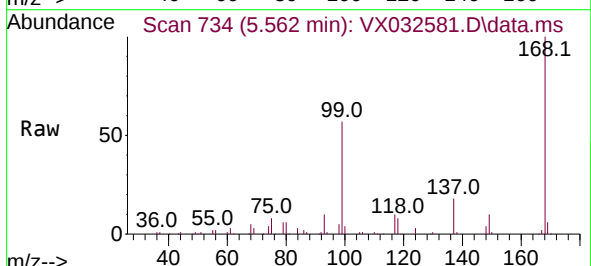
Tgt Ion: 56 Resp: 2334

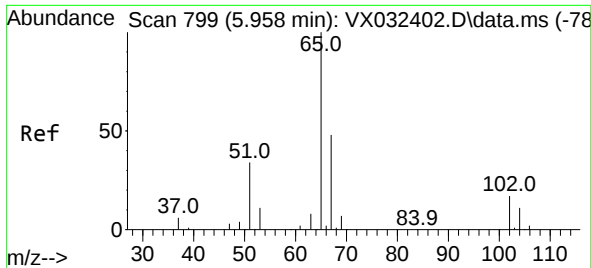
Ion Ratio Lower Upper

56 100

69 144.6 24.1 36.1#

84 112.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032581.D

Acq: 04 Nov 2022 17:01

Instrument :

MSVOA_X

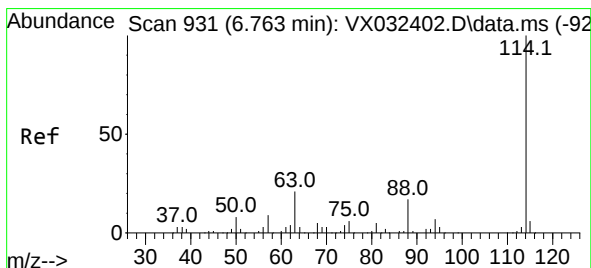
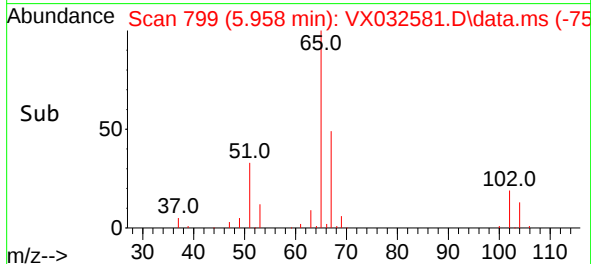
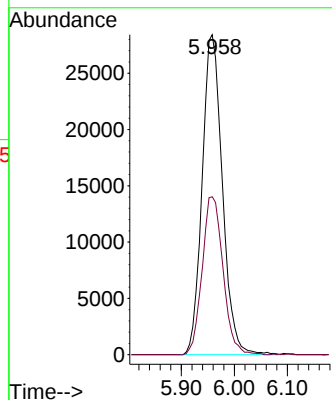
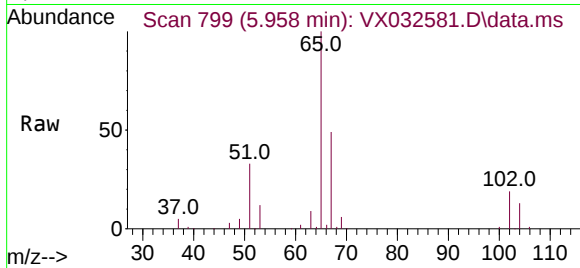
ClientSampleId :

Tgt Ion: 65 Resp: 75385

Ion Ratio Lower Upper

65 100

67 50.9 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: VX032581.D

Acq: 04 Nov 2022 17:01

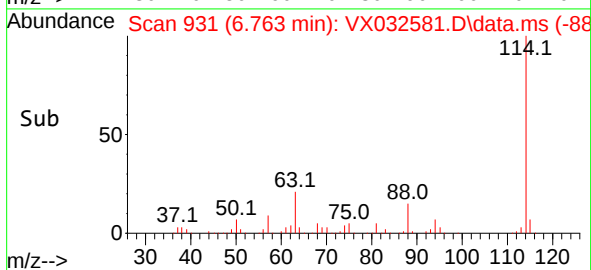
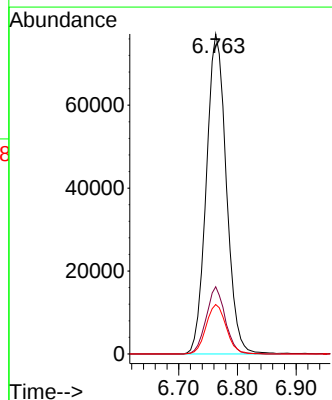
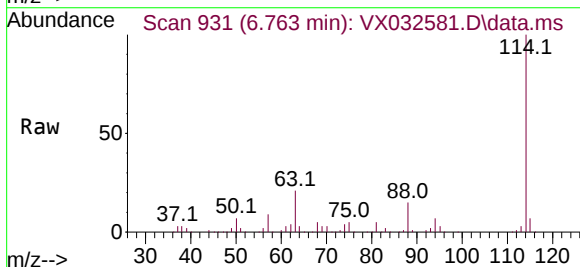
Tgt Ion: 114 Resp: 182431

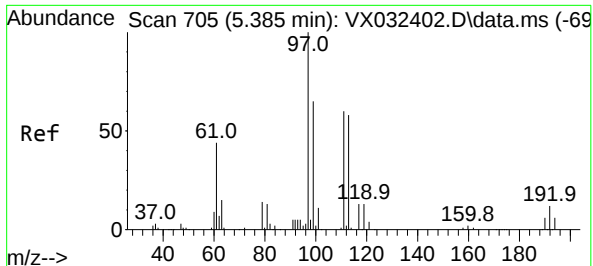
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

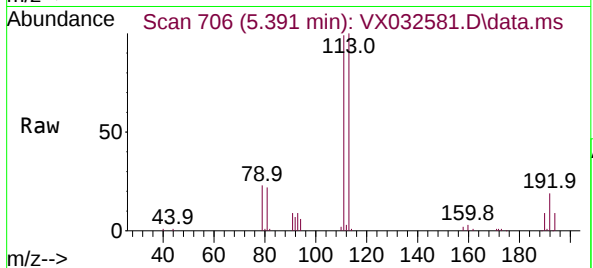
88 15.5 0.0 33.4



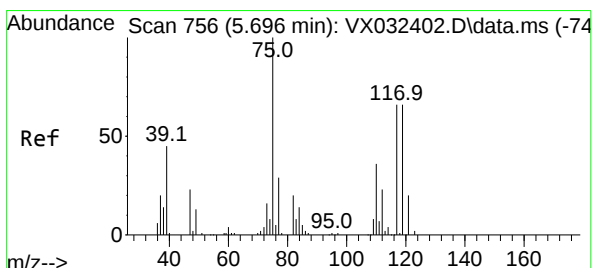
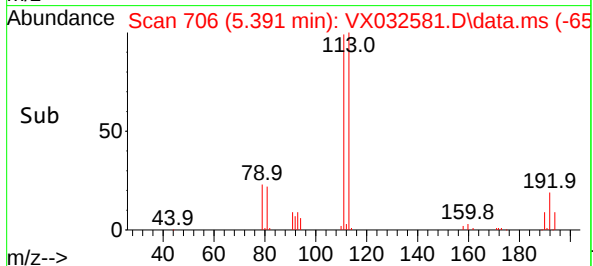
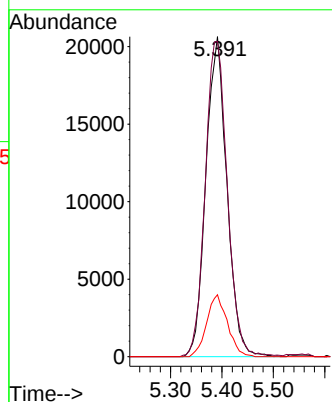


#35
Dibromofluoromethane
Concen: 44.995 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :

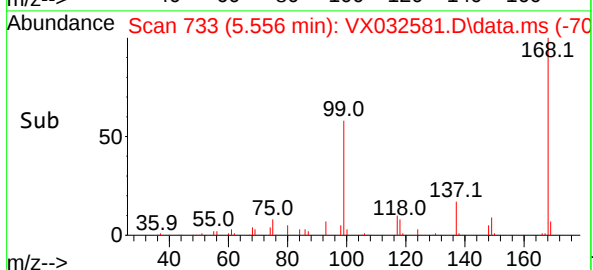
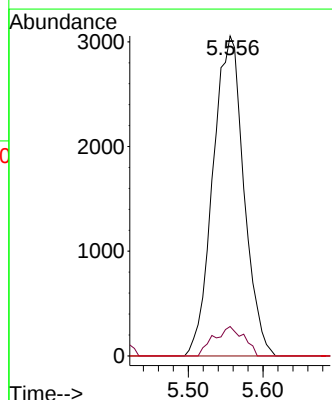
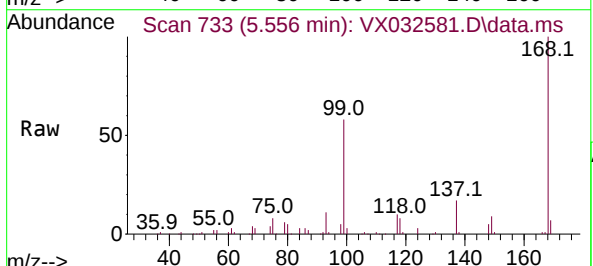


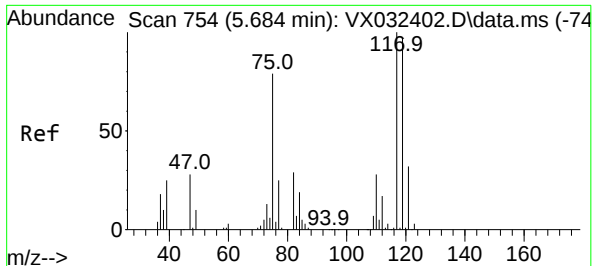
Tgt Ion:113 Resp: 58552
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

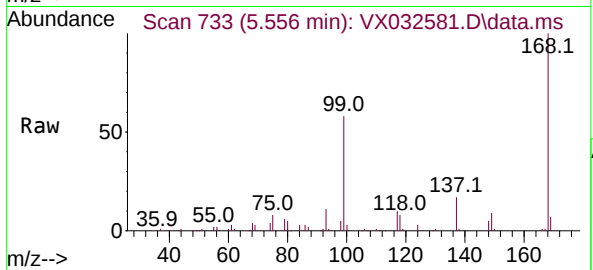
Tgt Ion: 75 Resp: 8792
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.5 36.7#



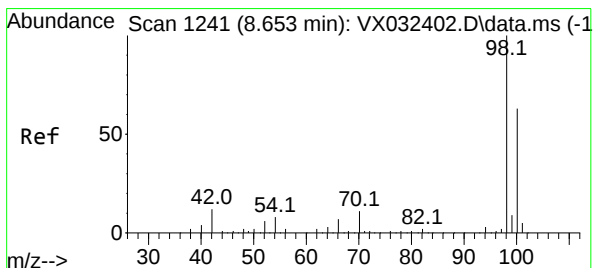
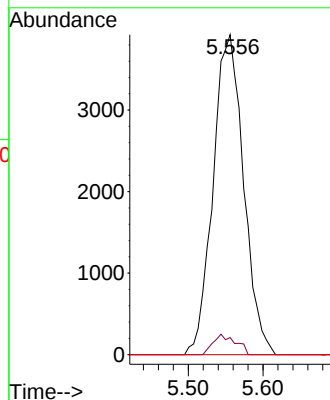
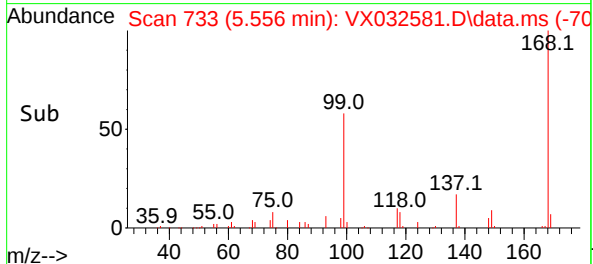


#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :

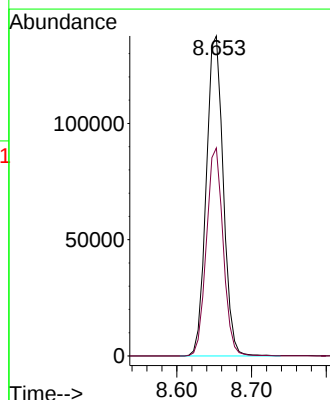
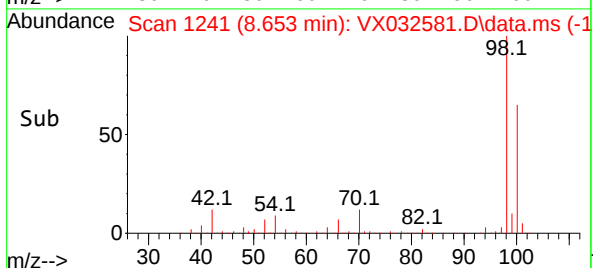
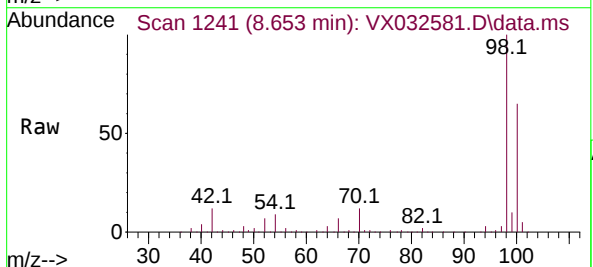


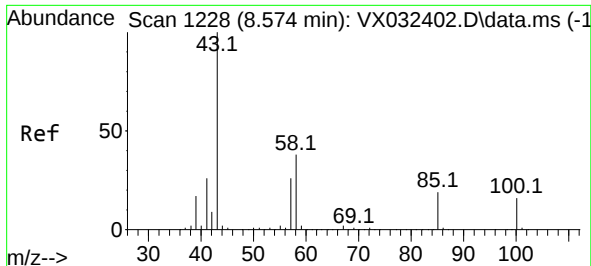
Tgt Ion:117 Resp: 11140
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.981 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

Tgt Ion: 98 Resp: 217108
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.526 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032581.D

Acq: 04 Nov 2022 17:01

Instrument :

MSVOA_X

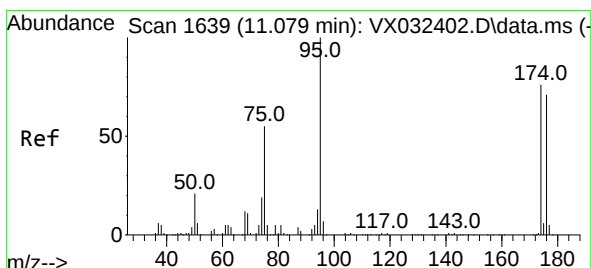
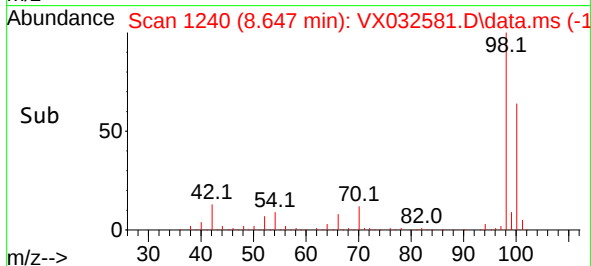
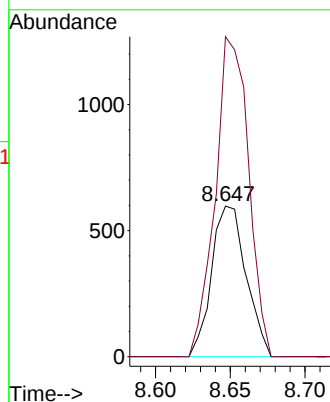
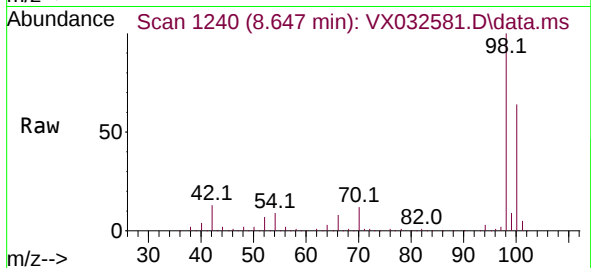
ClientSampleId :

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

58 204.8 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.723 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032581.D

Acq: 04 Nov 2022 17:01

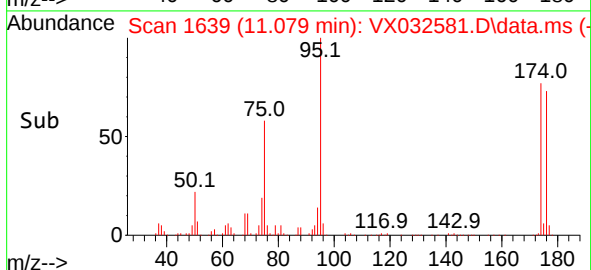
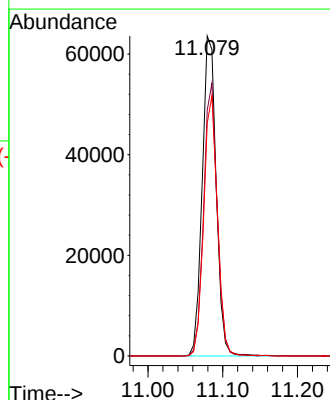
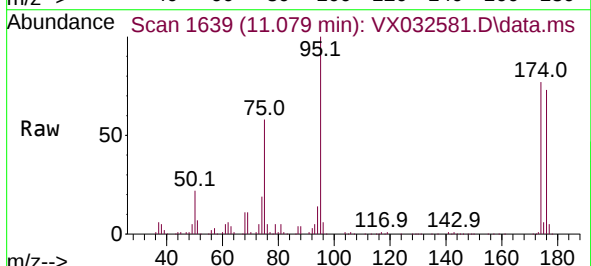
Tgt Ion: 95 Resp: 82584

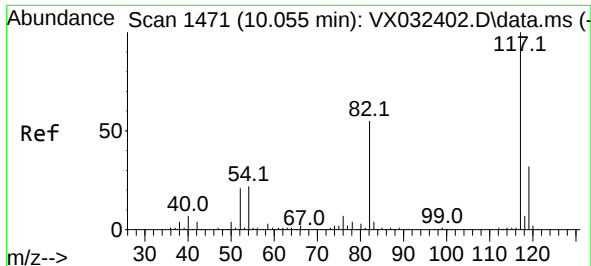
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 80.0 0.0 154.4

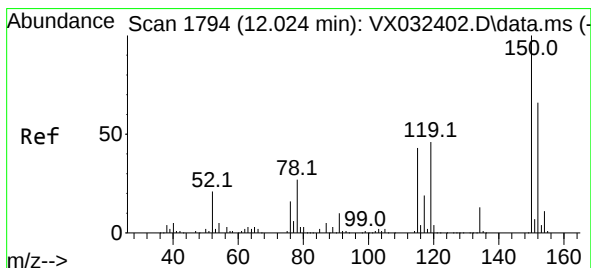
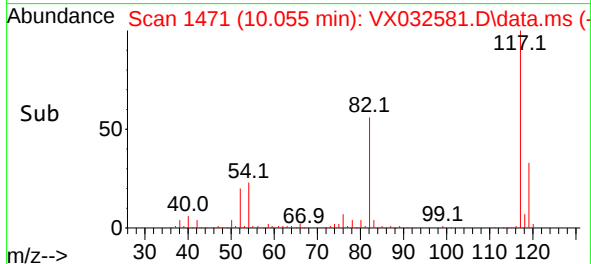
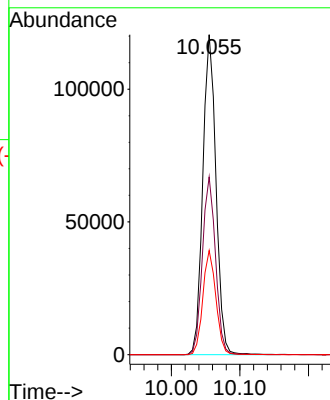
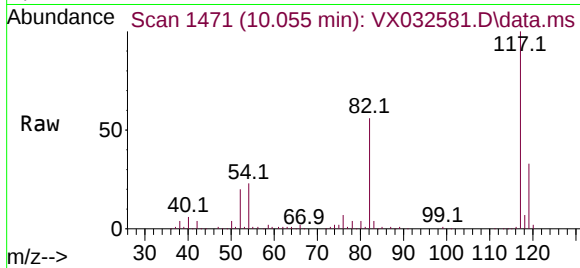




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

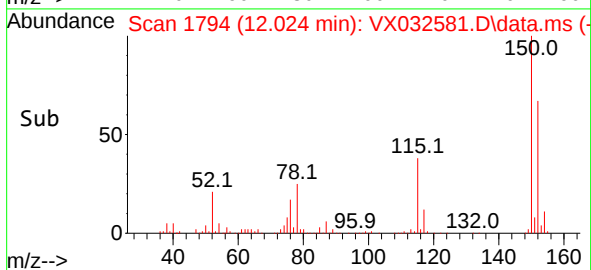
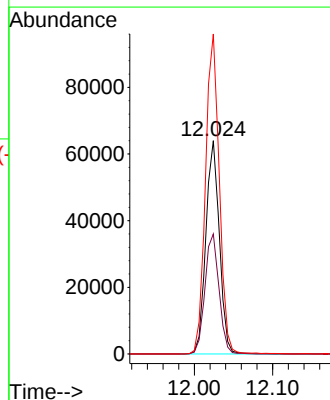
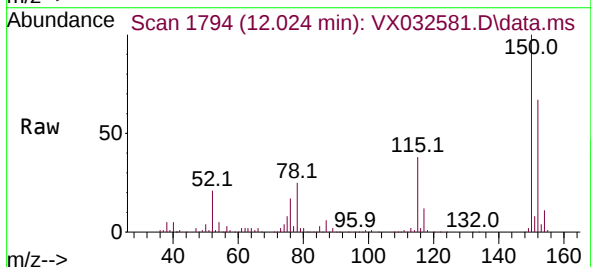
Instrument :
MSVOA_X
ClientSampleId :

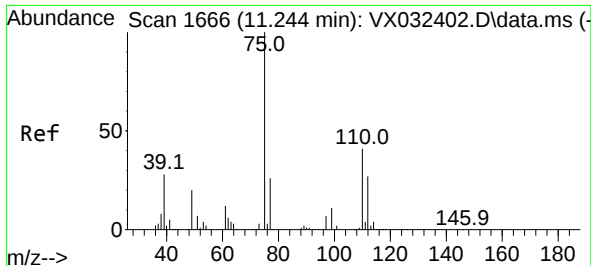
Tgt Ion:117 Resp: 161527
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

Tgt Ion:152 Resp: 76600
Ion Ratio Lower Upper
152 100
115 58.5 44.0 132.0
150 153.2 0.0 351.8

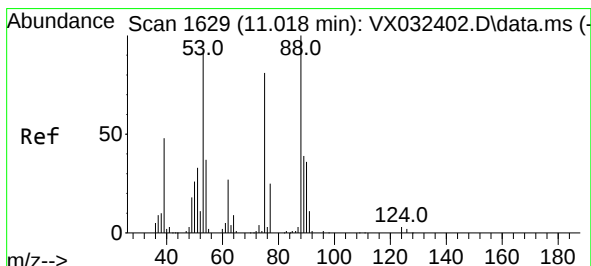
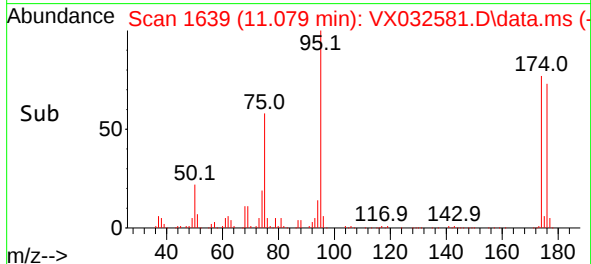
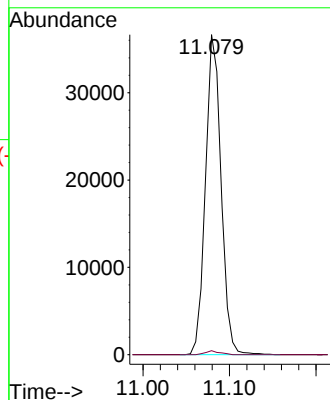
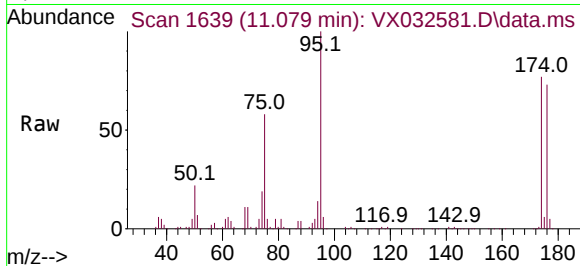




#76
1,2,3-Trichloropropane
Concen: 26.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45863
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032581.D
Acq: 04 Nov 2022 17:01

Tgt Ion: 75 Resp: 45863
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

