

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040306.D
 Acq On : 17 Feb 2024 16:41
 Operator : JC/MD
 Sample : P1519-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:59:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

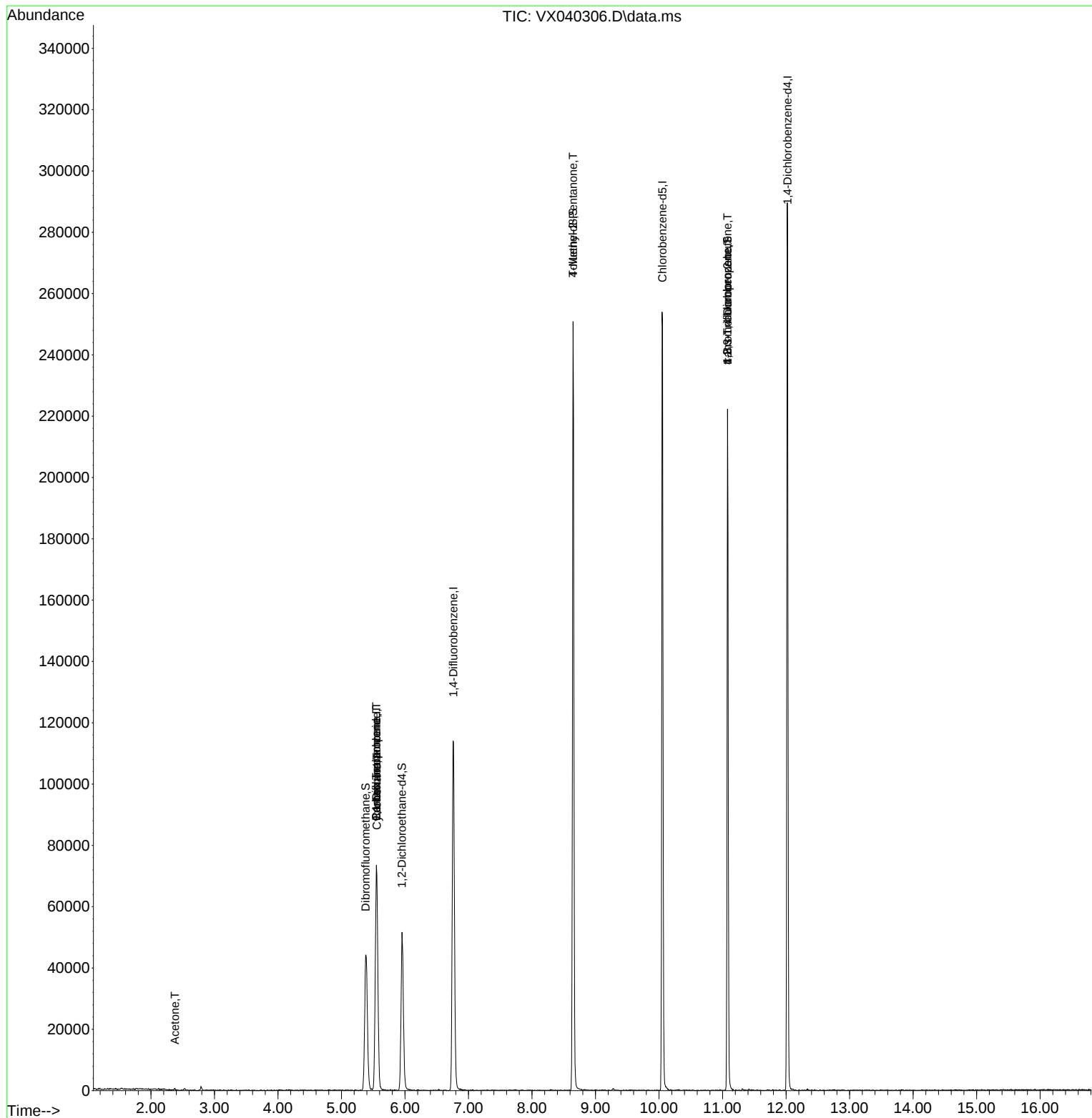
Internal Standards						
1) Pentafluorobenzene	5.550	168	69663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	119058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	46754	45.113	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.220%
35) Dibromofluoromethane	5.379	113	38528	46.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	145911	46.914	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.820%
62) 4-Bromofluorobenzene	11.079	95	57087	45.006	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.020%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	533	1.252	ug/l	# 88
20) Methylene Chloride	2.788	84	424	Below Cal	#	59
31) Cyclohexane	5.556	56	1498	1.212	ug/l	# 22
36) 1,1-Dichloropropene	5.550	75	5462	4.690	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	6898	6.229	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	735	0.532	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	30157	24.699	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	30157	67.984	ug/l	# 5

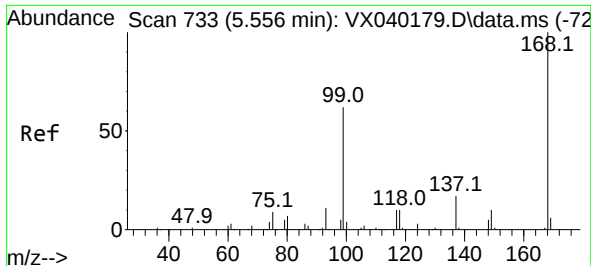
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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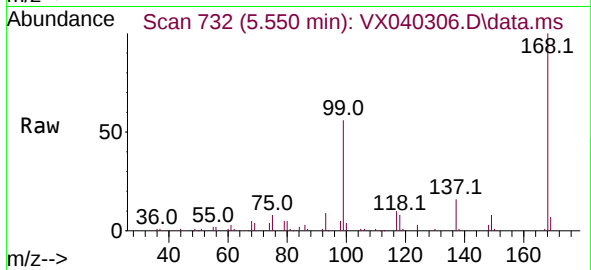
Quant Time: Feb 19 03:59:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



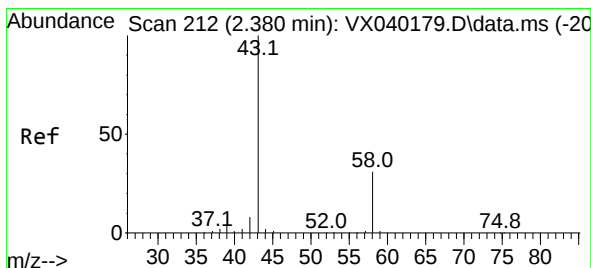
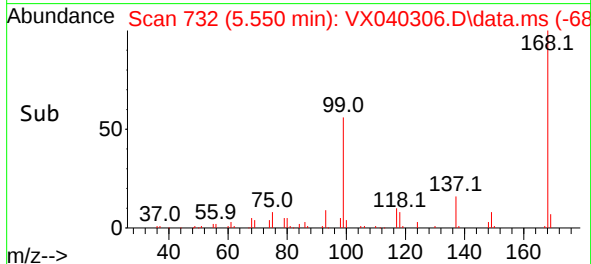
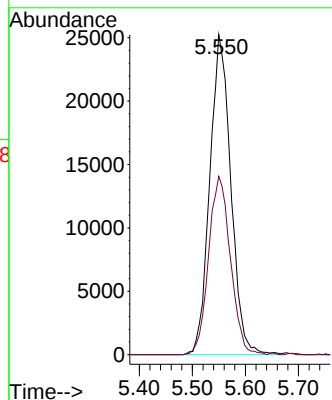


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

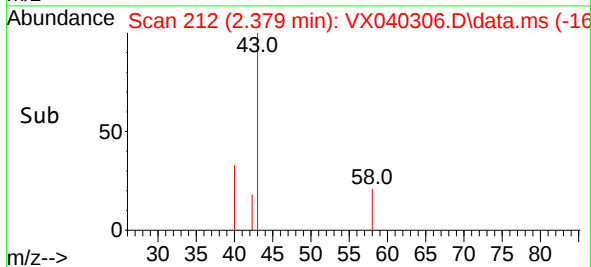
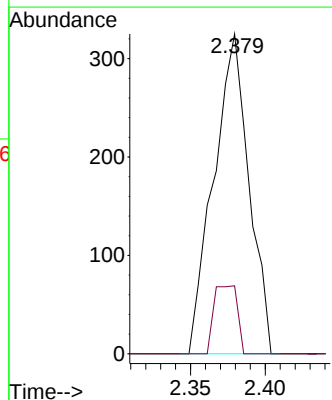
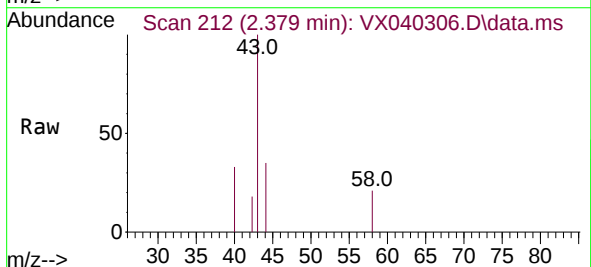


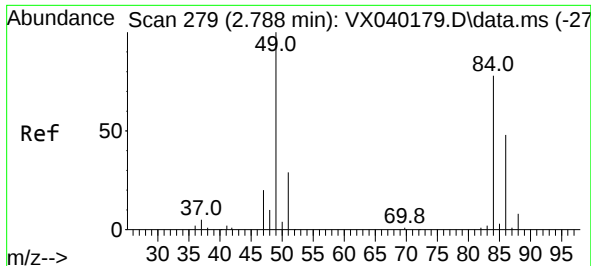
Tgt Ion:168 Resp: 69663
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#16
Acetone
Concen: 1.252 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

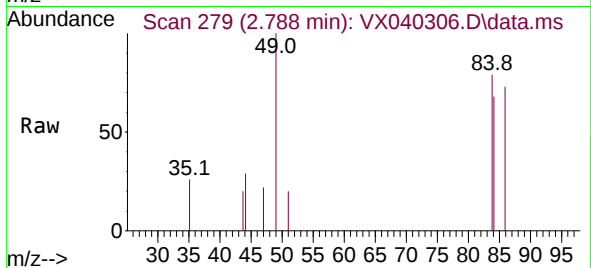
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 21.2 21.9 32.9#





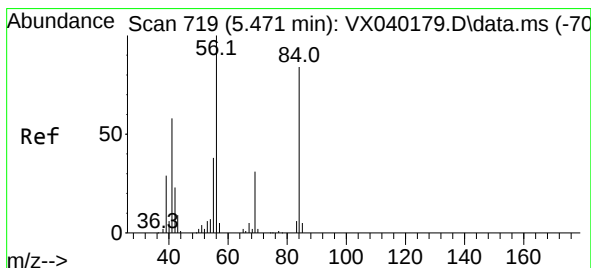
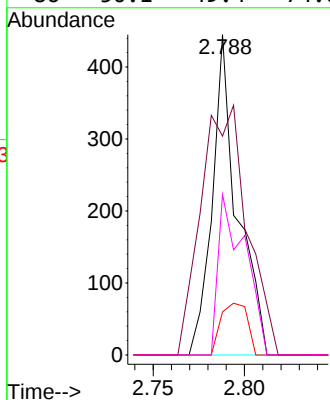
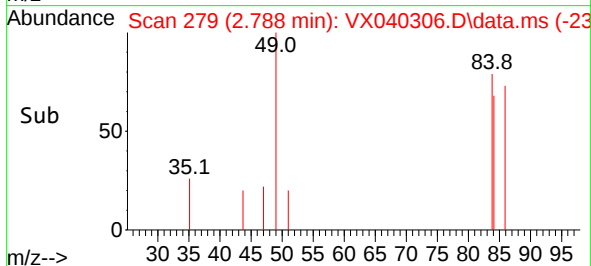
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

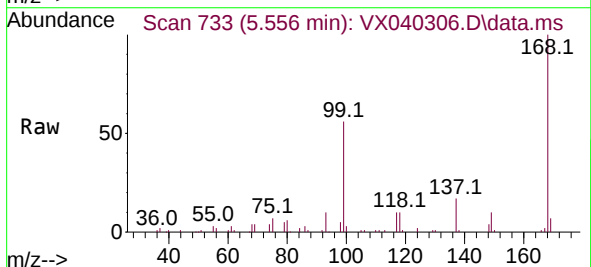


Tgt Ion: 84 Resp: 424

Ion	Ratio	Lower	Upper
84	100		
49	68.3	103.6	155.4#
51	13.5	33.8	50.6#
86	50.1	49.4	74.0

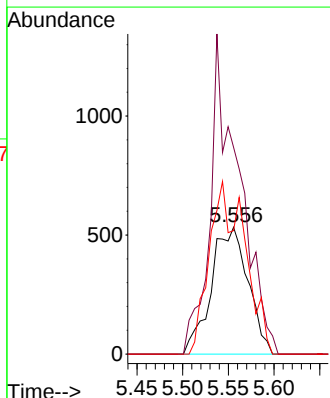
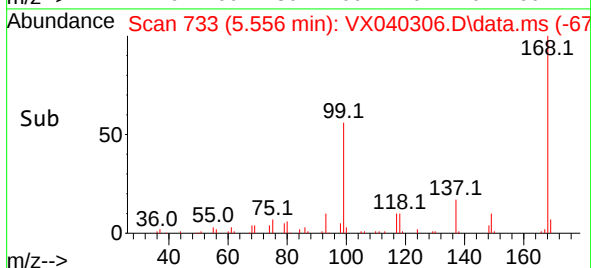


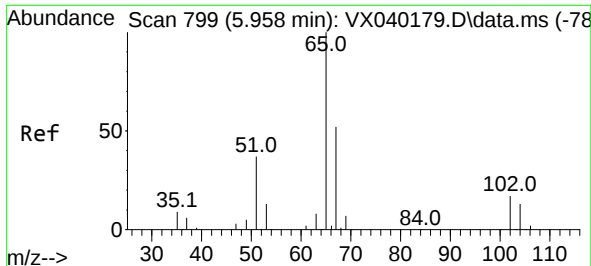
#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41



Tgt Ion: 56 Resp: 1498

Ion	Ratio	Lower	Upper
56	100		
69	163.0	23.4	35.2#
84	97.4	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 45.113 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040306.D

Acq: 17 Feb 2024 16:41

Instrument :

MSVOA_X

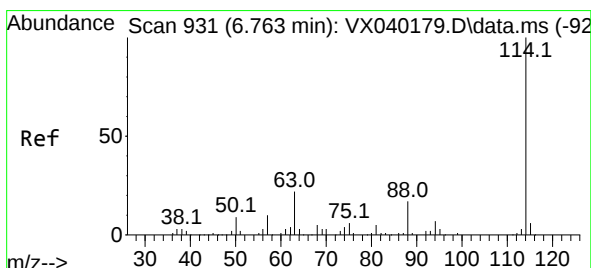
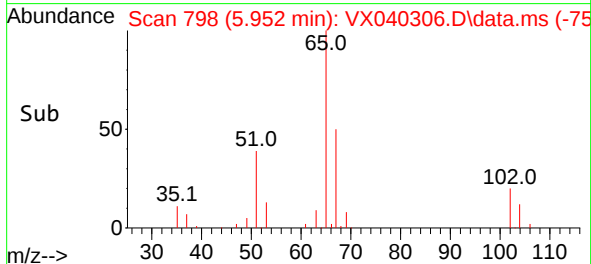
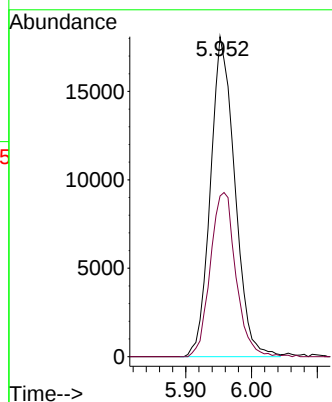
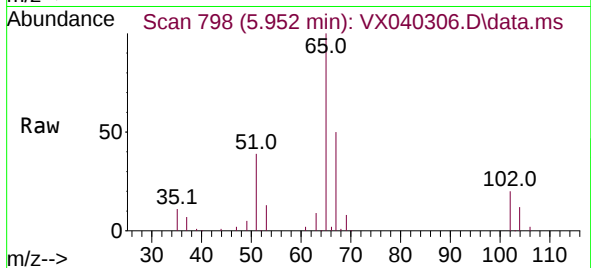
ClientSampleId :

Tgt Ion: 65 Resp: 46754

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040306.D

Acq: 17 Feb 2024 16:41

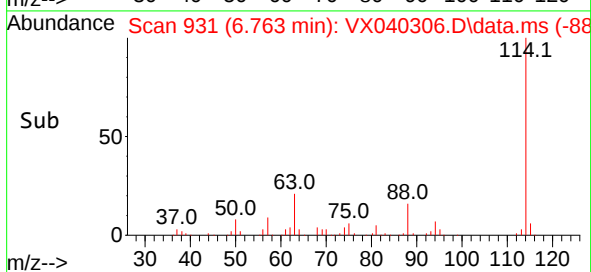
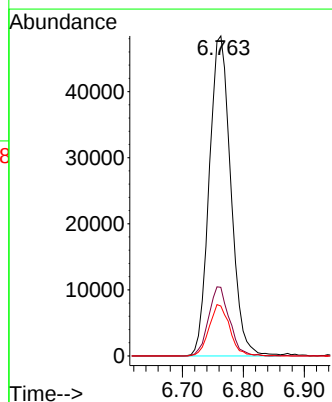
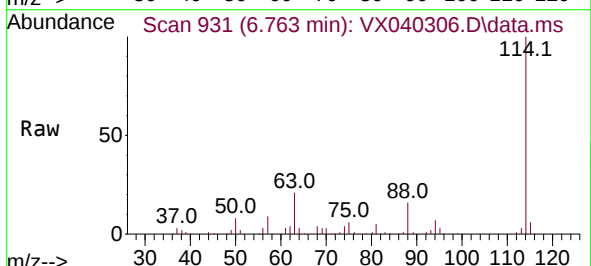
Tgt Ion: 114 Resp: 119058

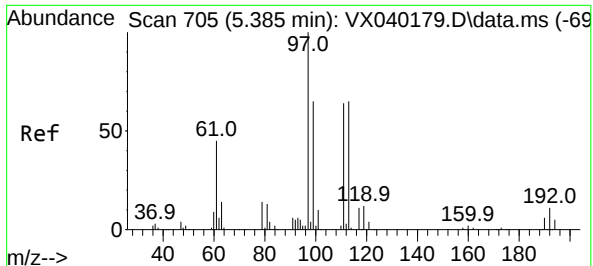
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.339 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

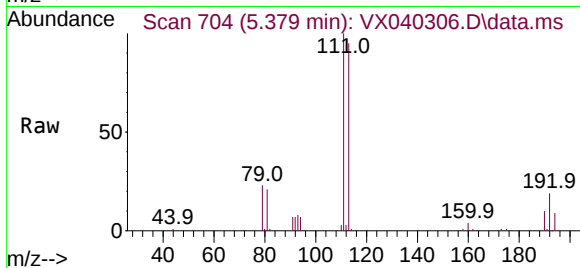
Lab File: VX040306.D

Acq: 17 Feb 2024 16:41

Instrument :

MSVOA_X

ClientSampleId :



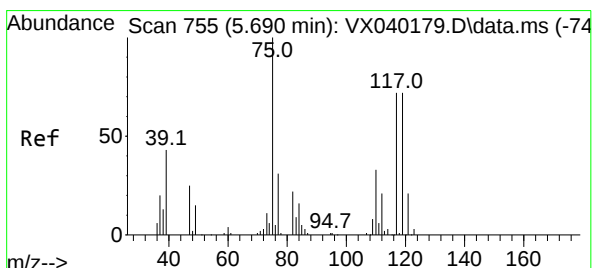
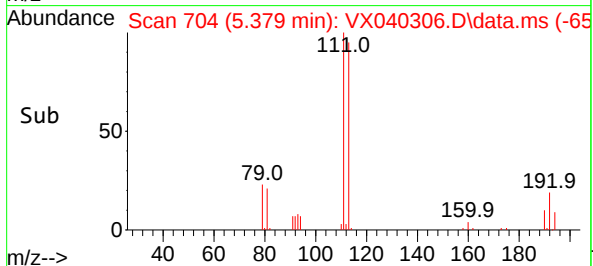
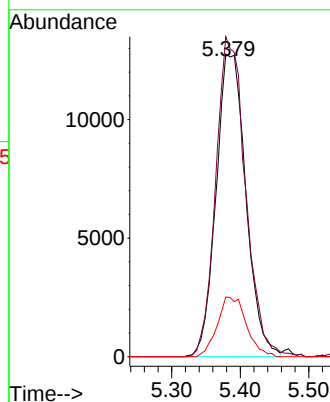
Tgt Ion:113 Resp: 38528

Ion Ratio Lower Upper

113 100

111 105.2 82.9 124.3

192 19.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040306.D

Acq: 17 Feb 2024 16:41

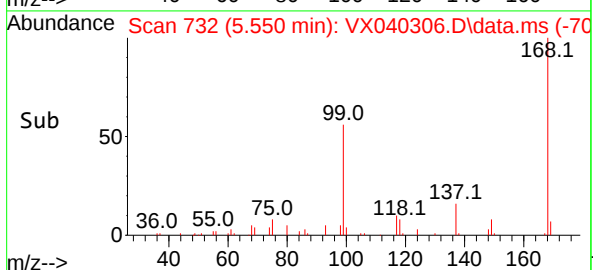
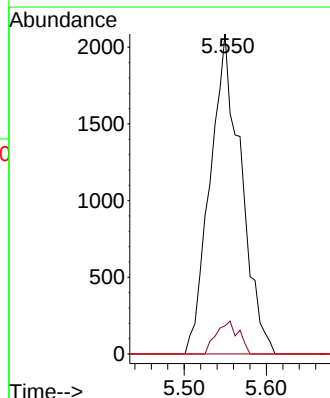
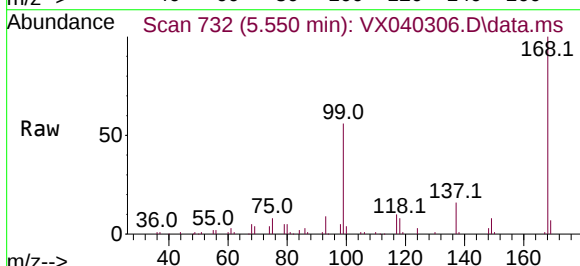
Tgt Ion: 75 Resp: 5462

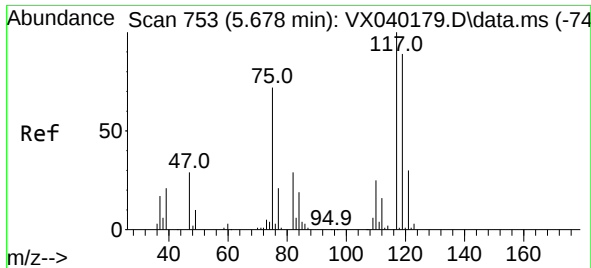
Ion Ratio Lower Upper

75 100

110 7.4 17.0 50.9#

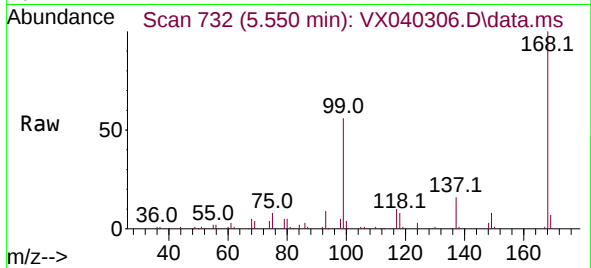
77 0.0 24.7 37.1#



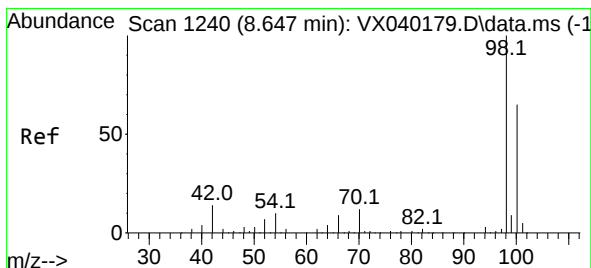
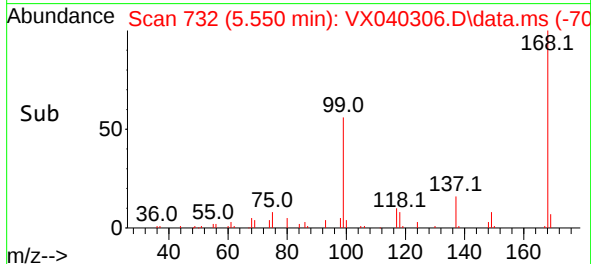
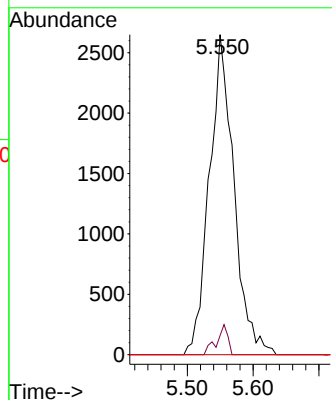


#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

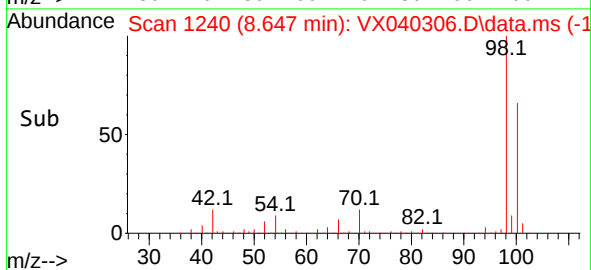
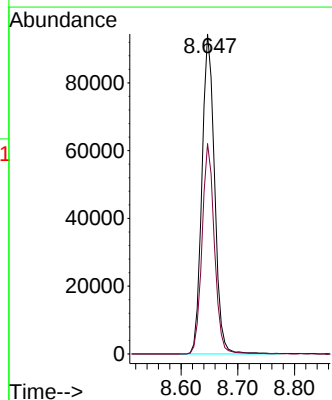
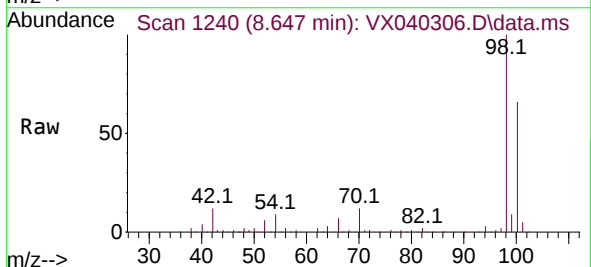


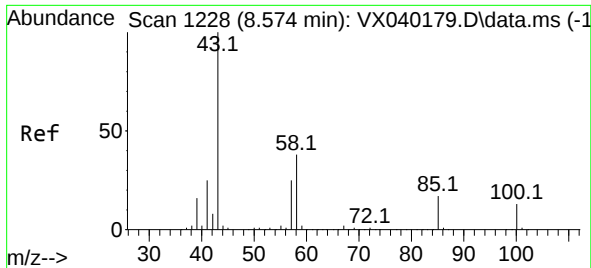
Tgt Ion:117 Resp: 6898
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

Tgt Ion: 98 Resp: 145911
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

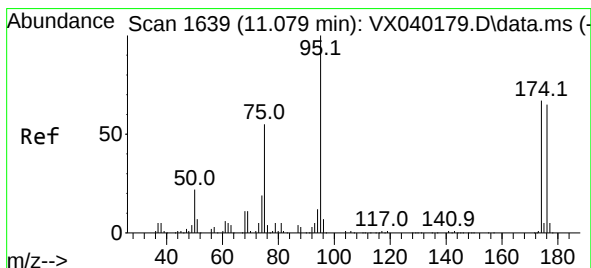
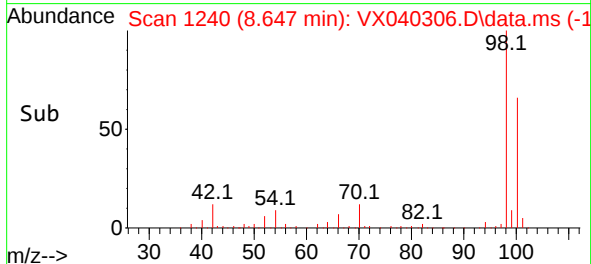
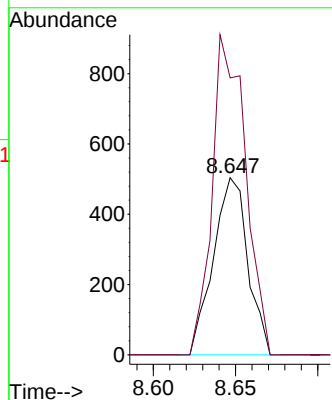
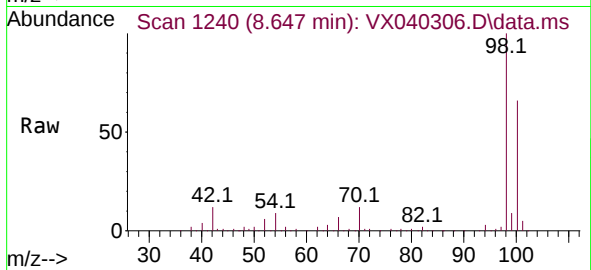




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

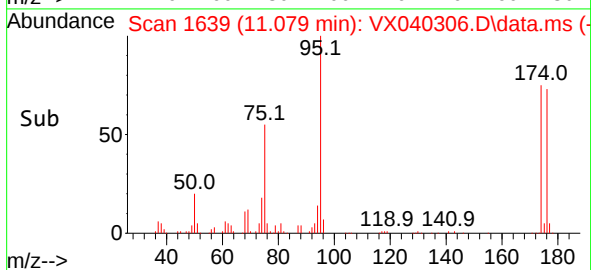
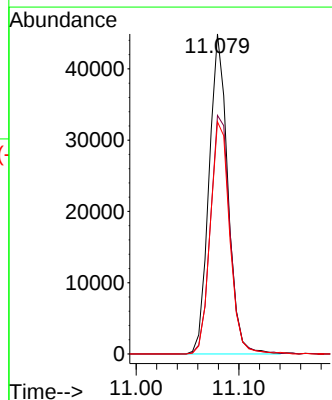
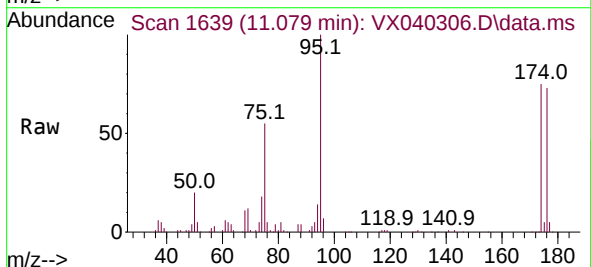
Instrument :
MSVOA_X
ClientSampleId :

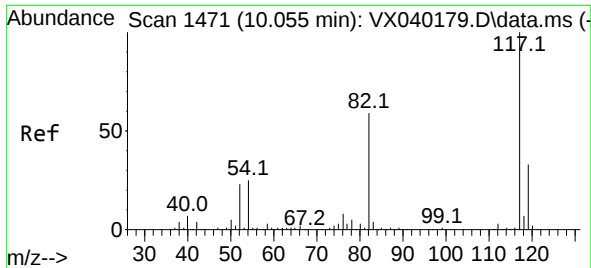
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 174.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

Tgt Ion: 95 Resp: 57087
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.8 0.0 131.0

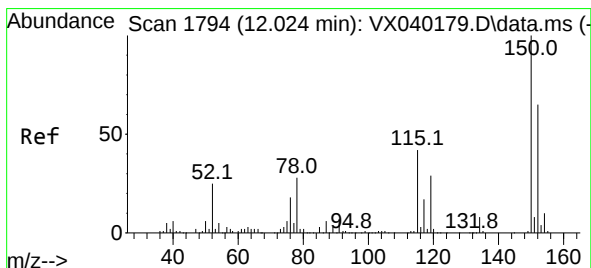
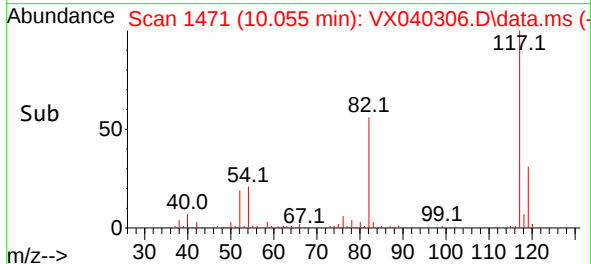
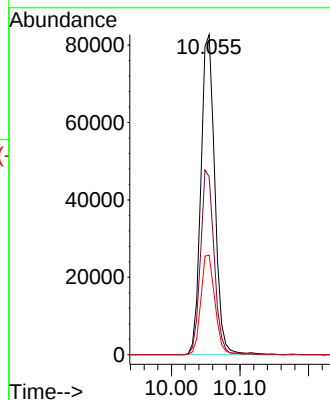
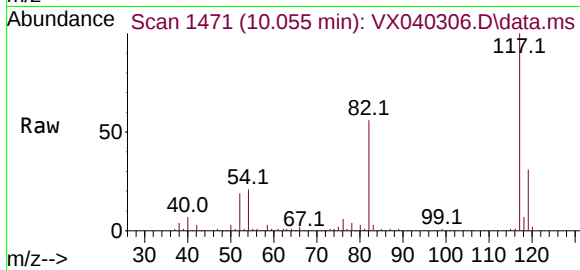




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

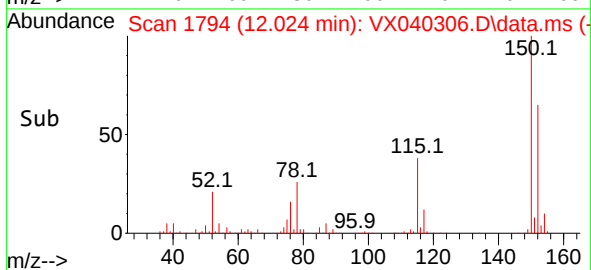
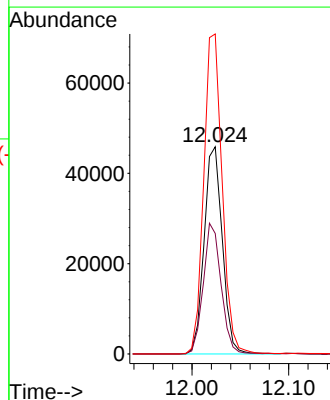
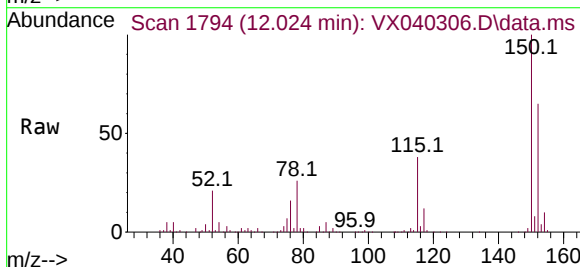
Instrument :
MSVOA_X
ClientSampleId :

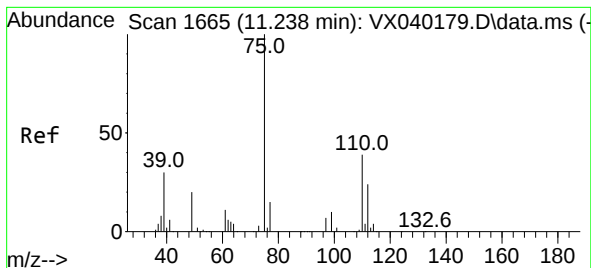
Tgt Ion:117 Resp: 117279
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040306.D
Acq: 17 Feb 2024 16:41

Tgt Ion:152 Resp: 60294
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.699 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040306.D

Acq: 17 Feb 2024 16:41

Instrument :

MSVOA_X

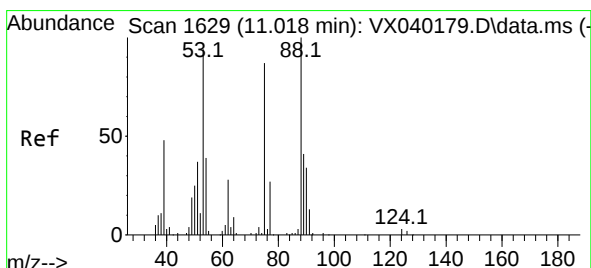
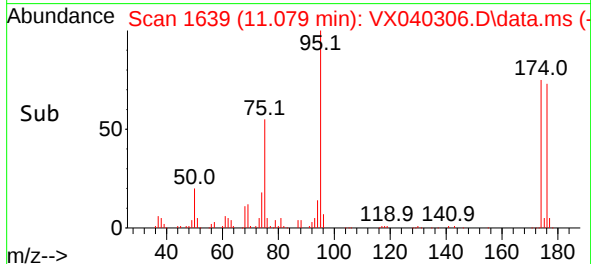
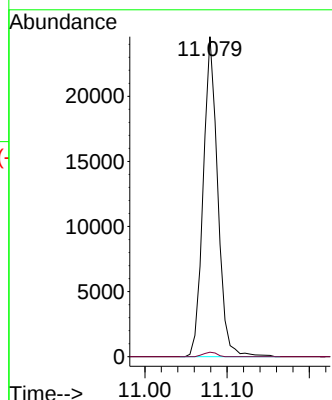
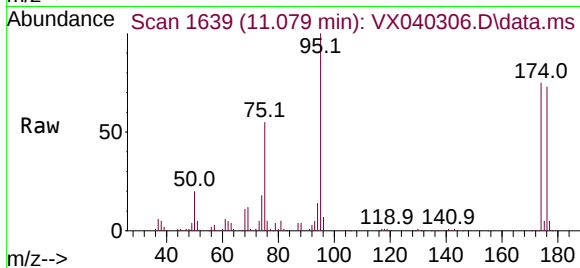
ClientSampleId :

Tgt Ion: 75 Resp: 30157

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.984 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040306.D

Acq: 17 Feb 2024 16:41

Tgt Ion: 75 Resp: 30157

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

