

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040304.D
 Acq On : 17 Feb 2024 15:55
 Operator : JC/MD
 Sample : P1507-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:58:27 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

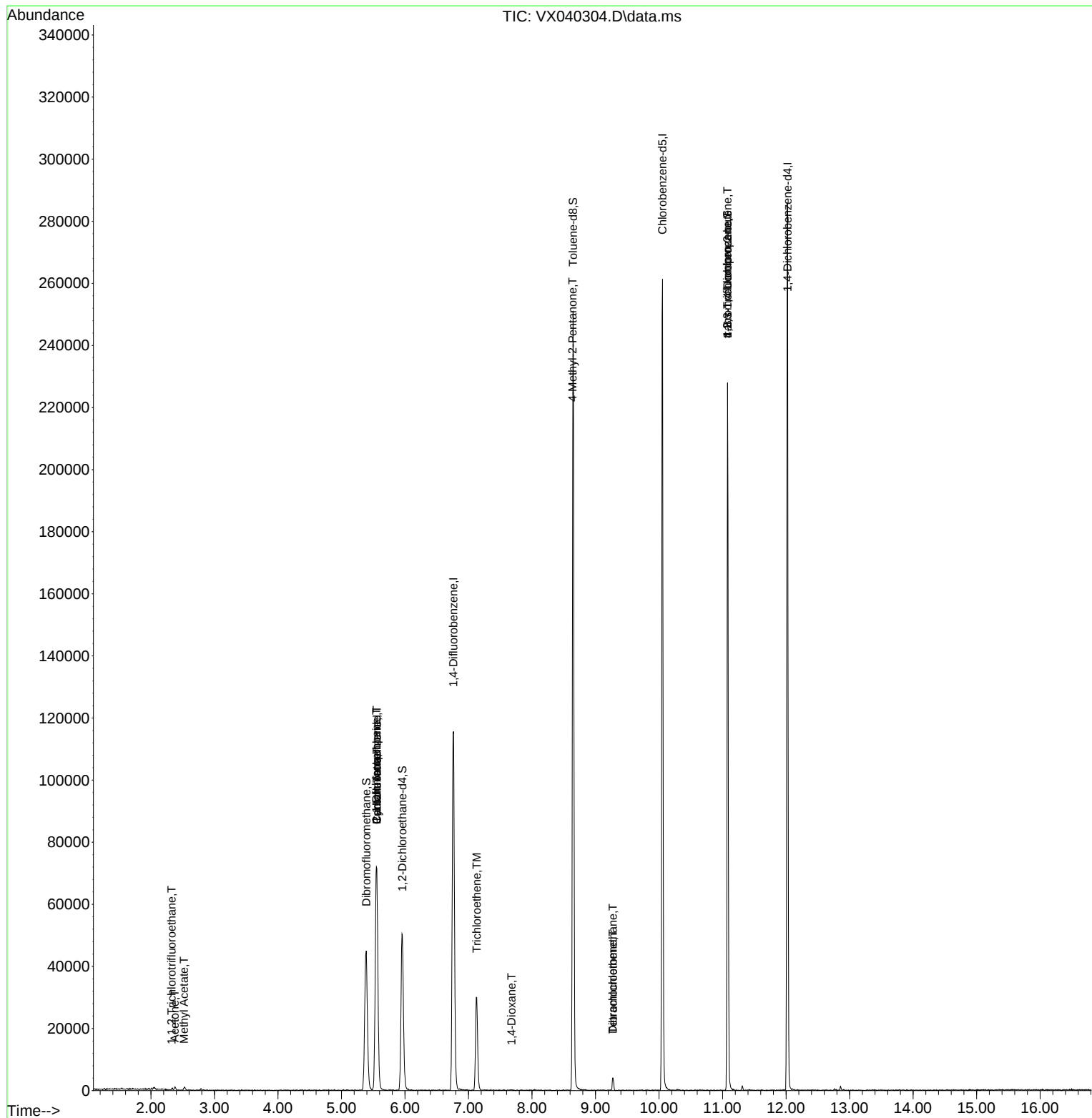
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	70103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49064	47.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	39973	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	148179	46.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	11.079	95	59207	45.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	280	0.377	ug/l #	80
16) Acetone	2.373	43	1207	2.818	ug/l	96
18) Methyl Acetate	2.520	43	264	0.230	ug/l #	53
20) Methylene Chloride	2.794	84	180	Below Cal	#	63
31) Cyclohexane	5.556	56	1536	1.235	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	5266	4.412	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7138	6.289	ug/l #	13
44) Trichloroethene	7.129	130	11976	13.007	ug/l	99
49) 1,4-Dioxane	7.677	88	114	4.940	ug/l #	12
51) 4-Methyl-2-Pentanone	8.641	43	834	0.589	ug/l #	1
60) Dibromochloromethane	9.275	129	605	0.637	ug/l #	11
64) Tetrachloroethene	9.275	164	633	0.764	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	30589	24.862	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	30589	68.408	ug/l #	5

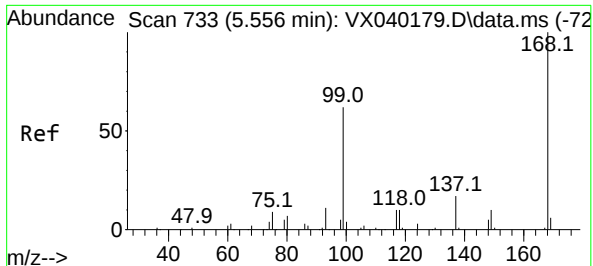
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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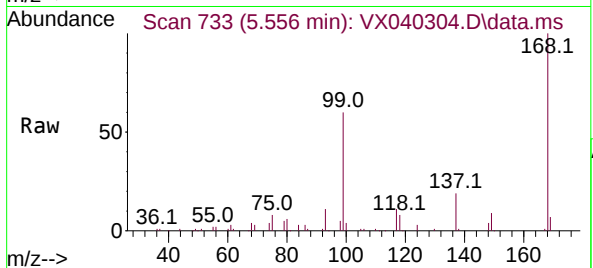
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



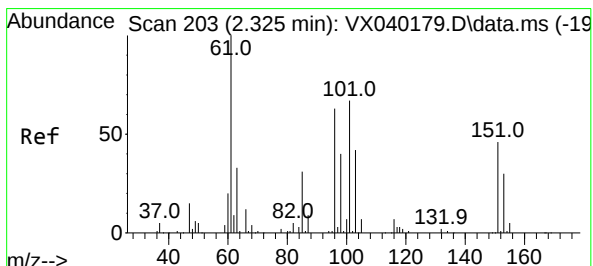
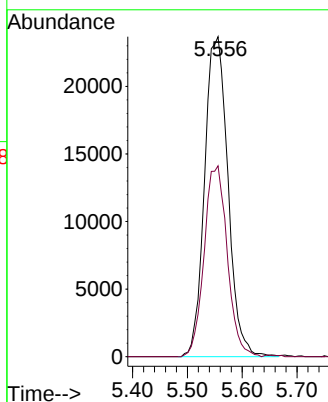
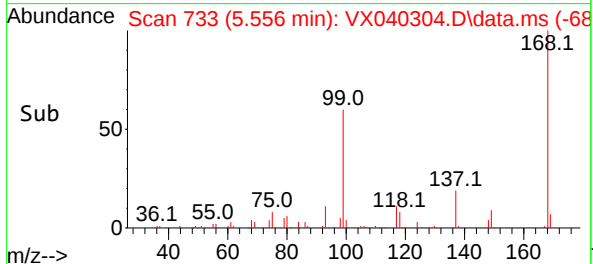


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

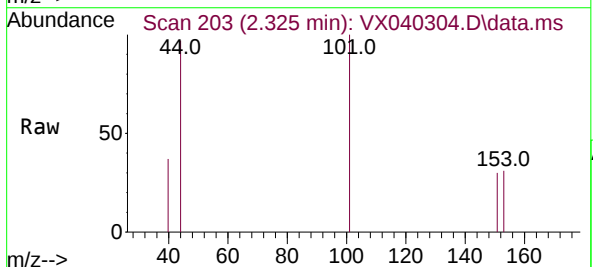
Instrument :
MSVOA_X
ClientSampleId :



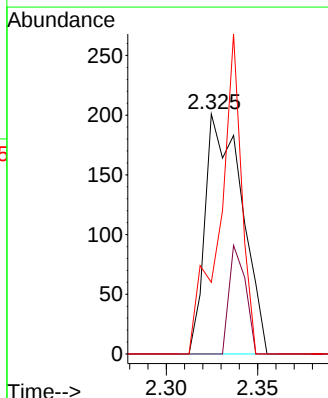
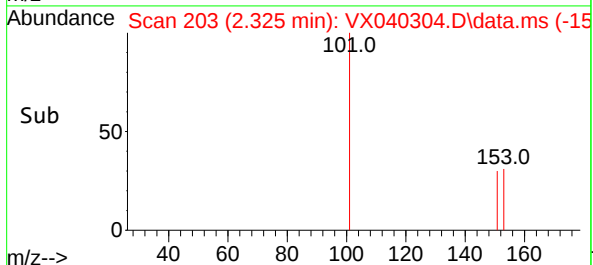
Tgt Ion:168 Resp: 70103
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0

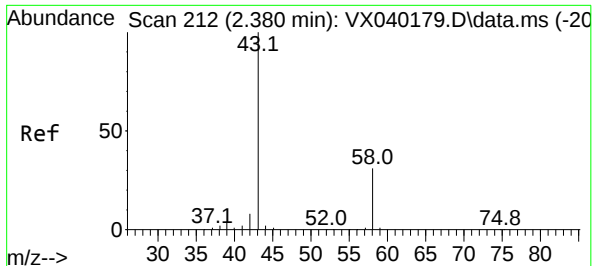


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.377 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55



Tgt Ion:101 Resp: 280
Ion Ratio Lower Upper
101 100
85 20.4 37.0 55.6#
151 80.4 58.6 87.8

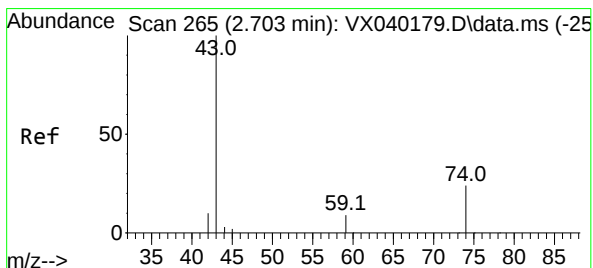
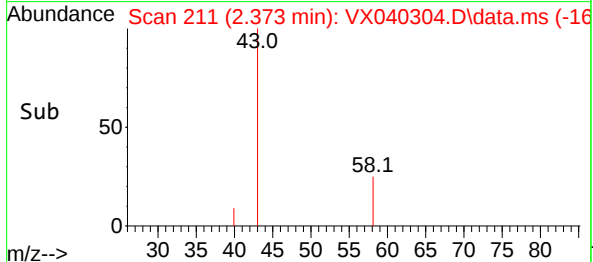
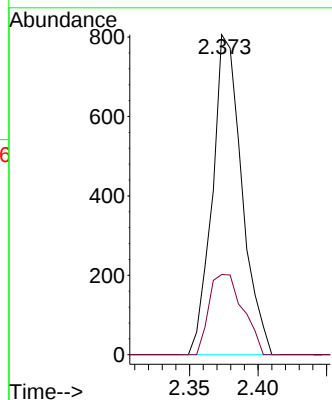
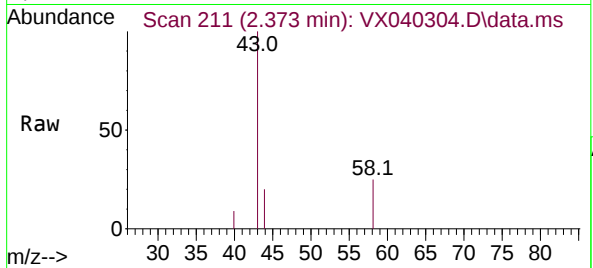




#16
Acetone
Concen: 2.818 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

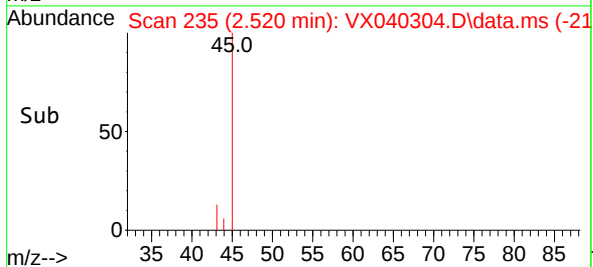
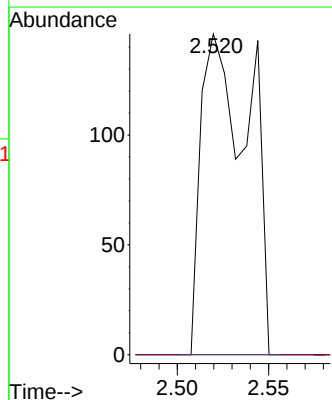
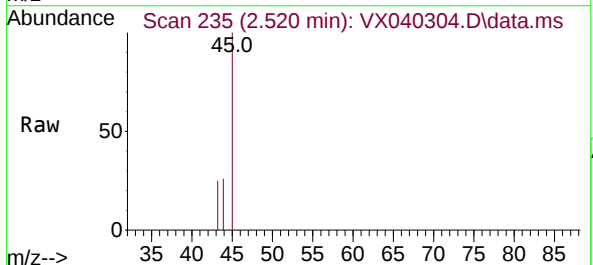
Instrument :
MSVOA_X
ClientSampleId :

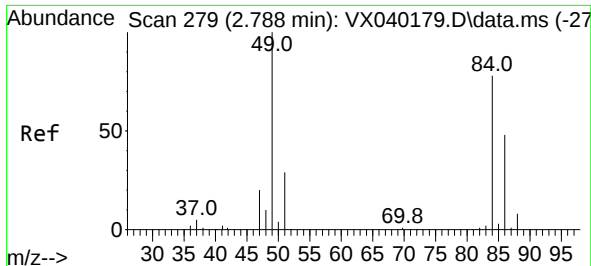
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 25.1 21.9 32.9



#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.183 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

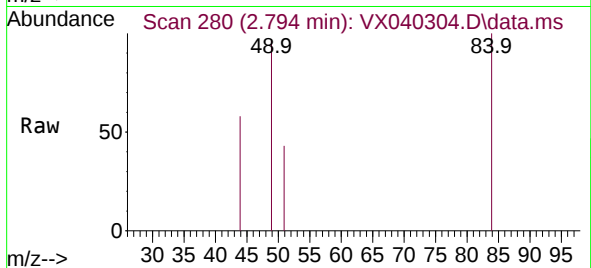
Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



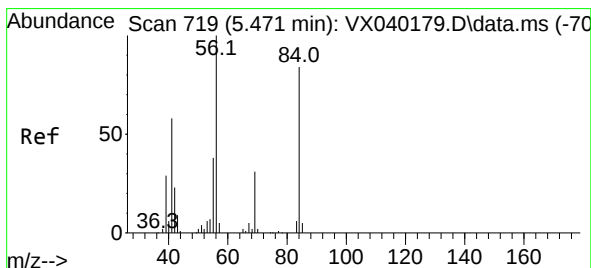
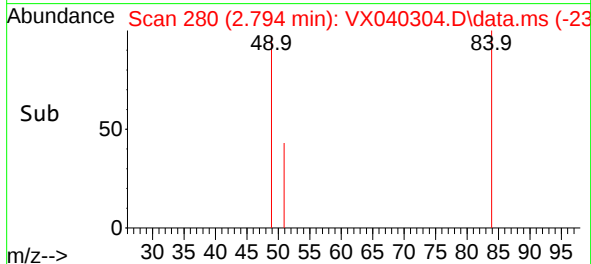
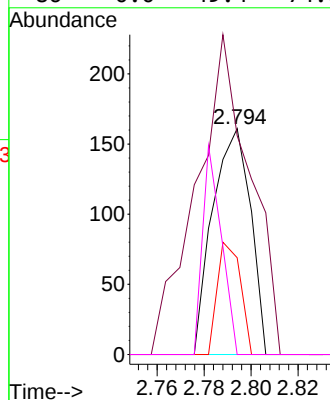


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :

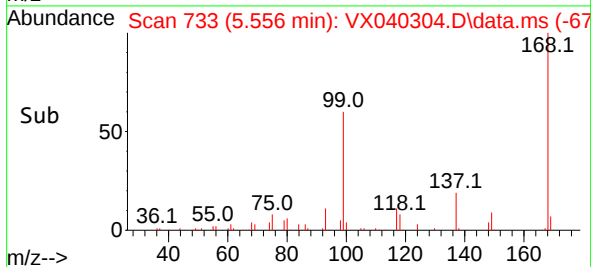
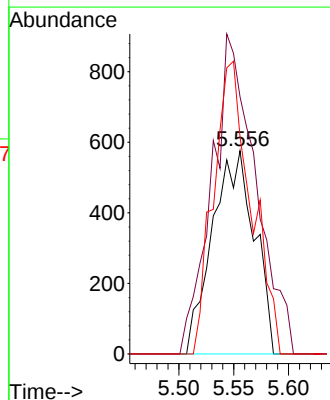
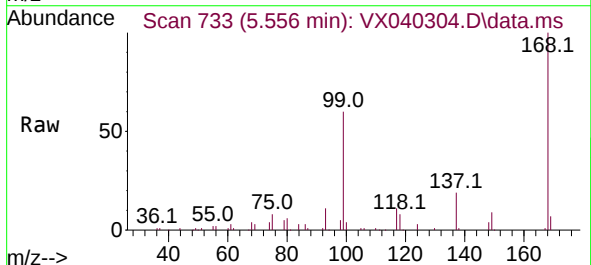


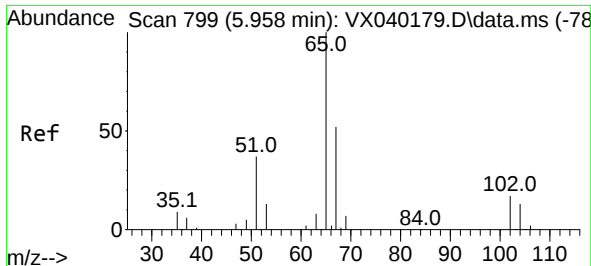
Tgt Ion:	84	Resp:	180
Ion	Ratio	Lower	Upper
84	100		
49	96.9	103.6	155.4#
51	42.9	33.8	50.6
86	0.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

Tgt Ion:	56	Resp:	1536
Ion	Ratio	Lower	Upper
56	100		
69	126.6	23.4	35.2#
84	106.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040304.D

Acq: 17 Feb 2024 15:55

Instrument :

MSVOA_X

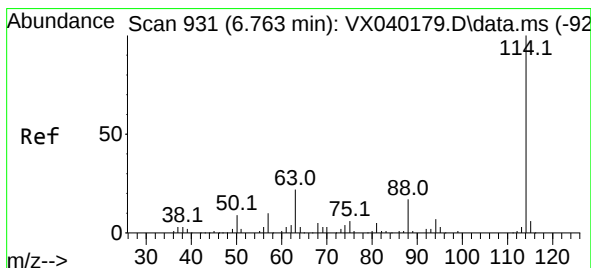
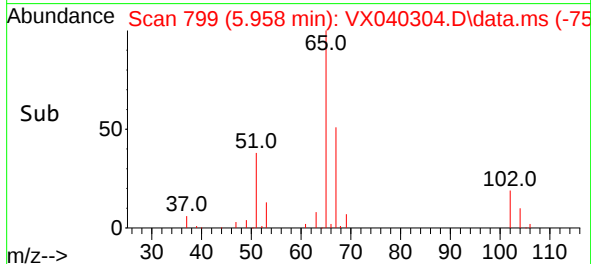
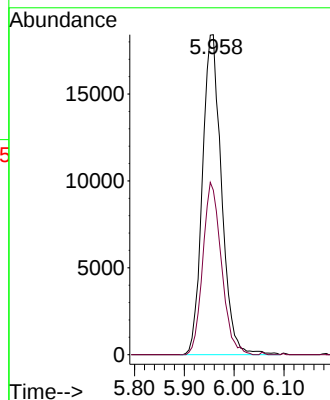
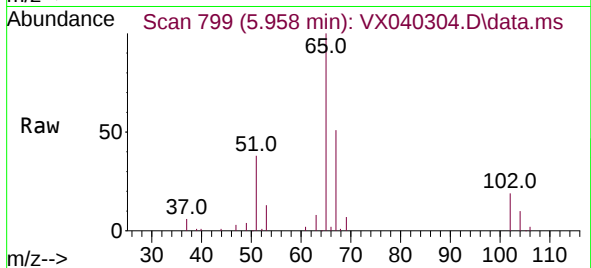
ClientSampleId :

Tgt Ion: 65 Resp: 49064

Ion Ratio Lower Upper

65 100

67 52.4 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: VX040304.D

Acq: 17 Feb 2024 15:55

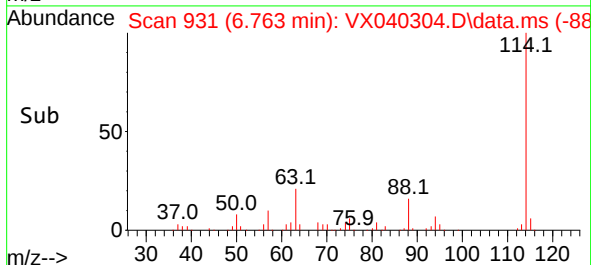
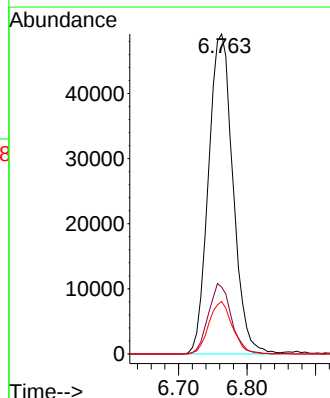
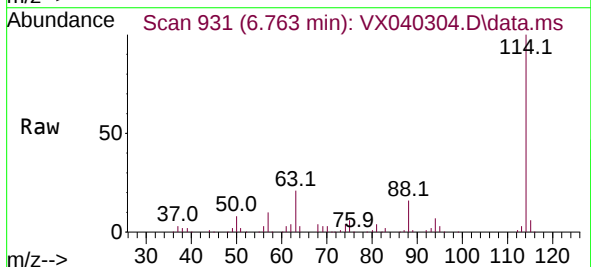
Tgt Ion: 114 Resp: 122016

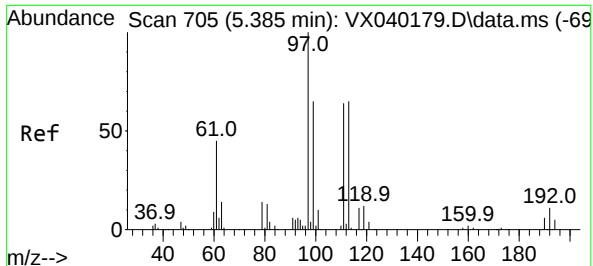
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.912 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040304.D

Acq: 17 Feb 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

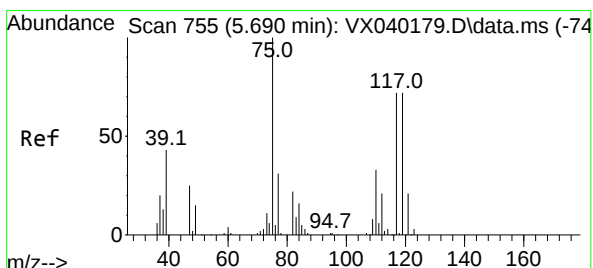
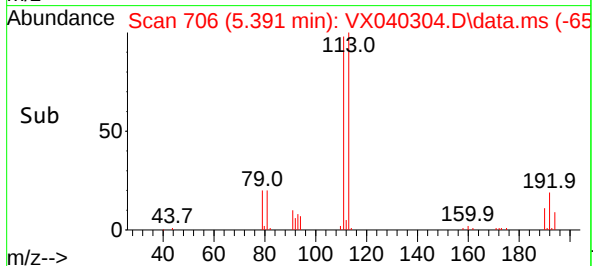
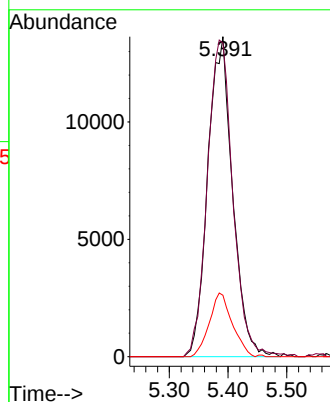
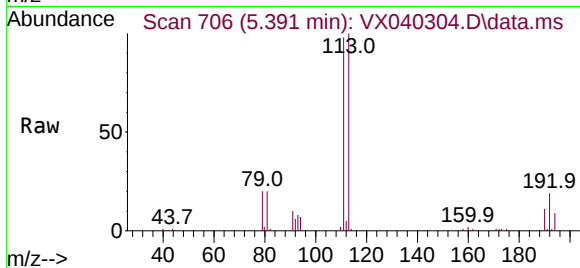
Tgt Ion:113 Resp: 39973

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 18.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.412 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040304.D

Acq: 17 Feb 2024 15:55

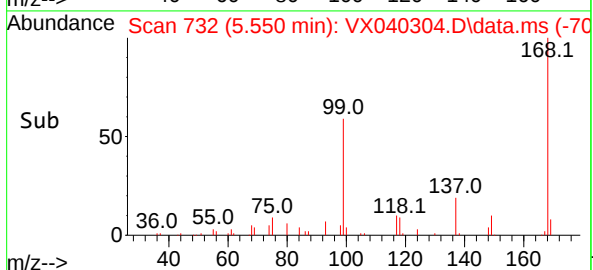
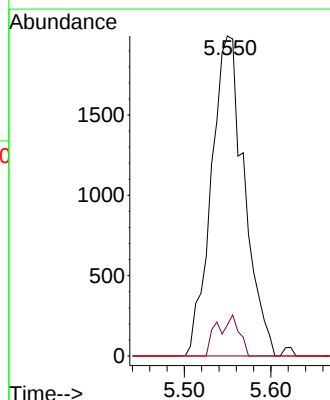
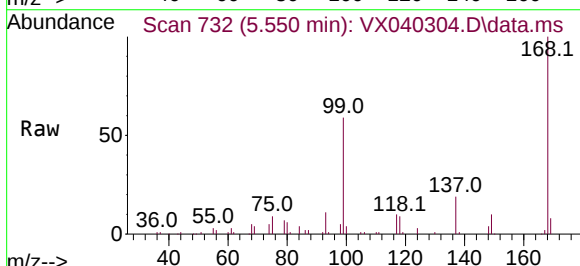
Tgt Ion: 75 Resp: 5266

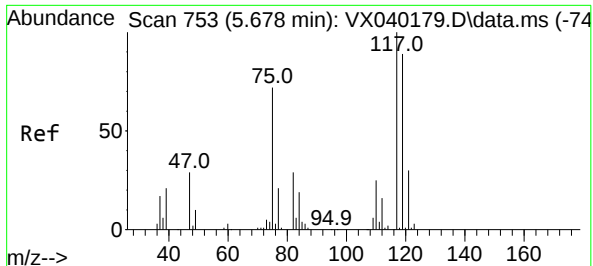
Ion Ratio Lower Upper

75 100

110 5.0 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.289 ug/l

RT: 5.556 min Scan# 713

Delta R.T. -0.116 min

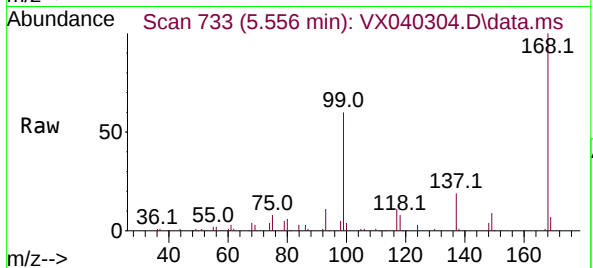
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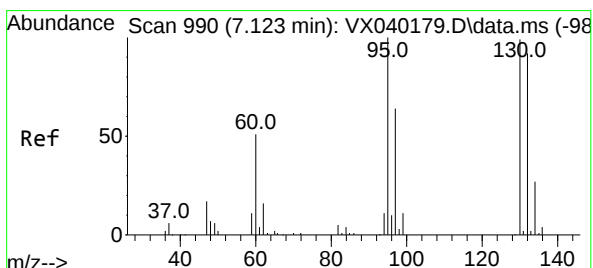
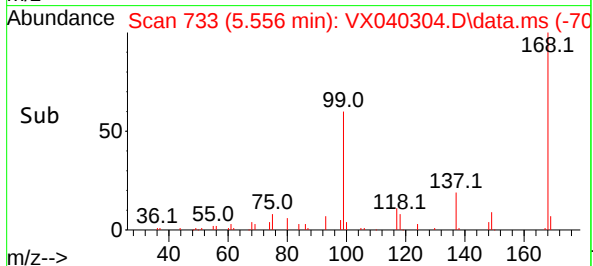
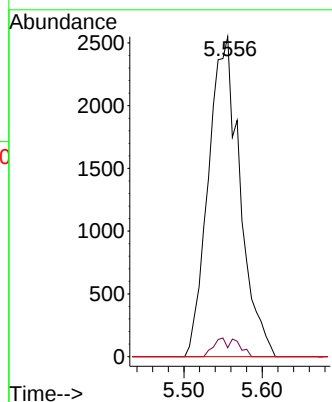
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	117	Resp:	7138
Ion Ratio	100	Lower	Upper
117	100		
119	2.8	78.2	117.2#
121	0.0	24.4	36.6#



#44

Trichloroethene

Concen: 13.007 ug/l

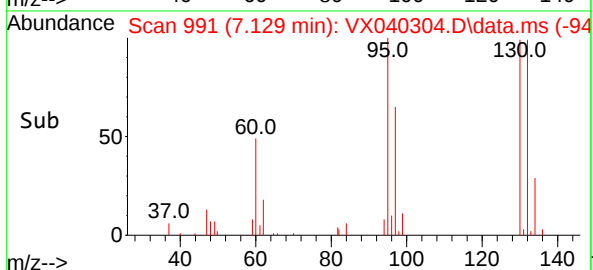
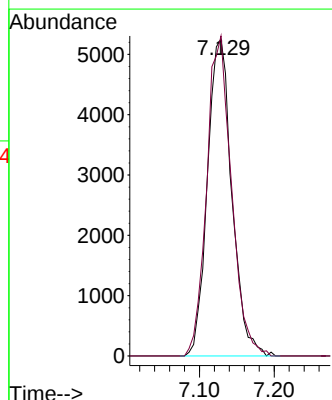
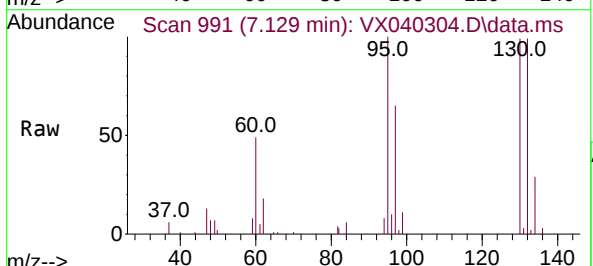
RT: 7.129 min Scan# 991

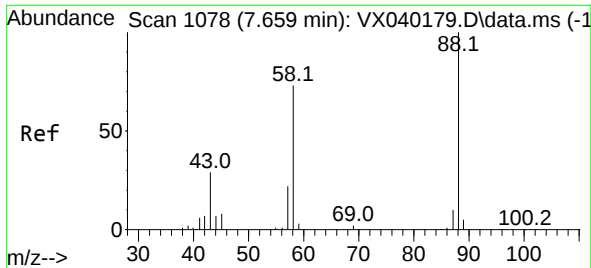
Delta R.T. 0.000 min

Lab File: VX040304.D

Acq: 17 Feb 2024 15:55

Tgt Ion:	130	Resp:	11976
Ion Ratio	100	Lower	Upper
130	100		
95	101.0	0.0	204.4

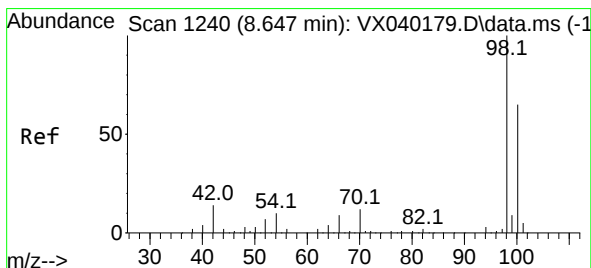
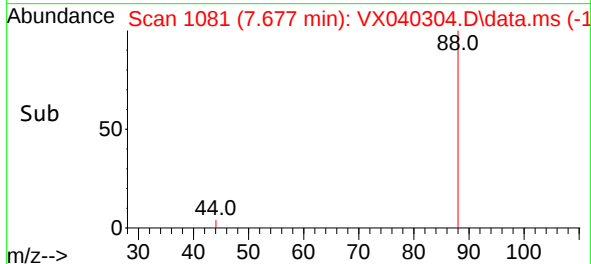
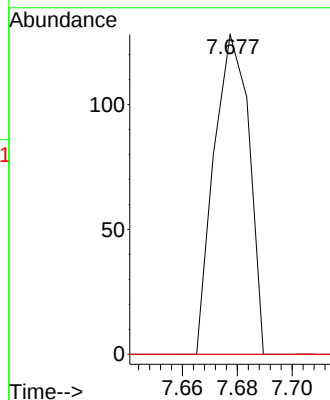
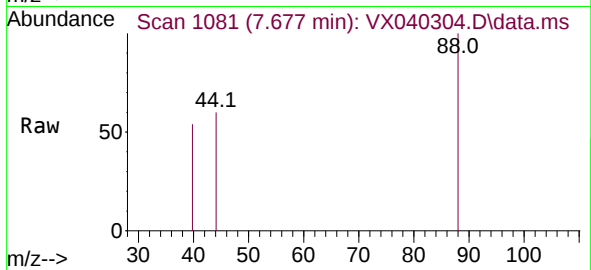




#49
1,4-Dioxane
Concen: 4.940 ug/l
RT: 7.677 min Scan# 1078
Delta R.T. 0.018 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

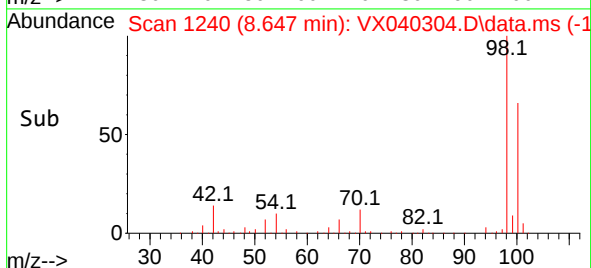
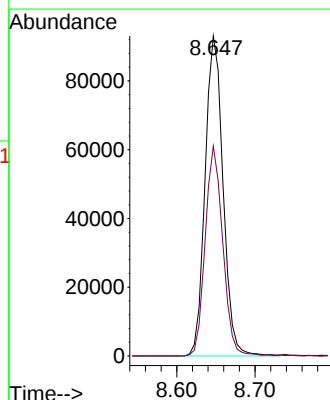
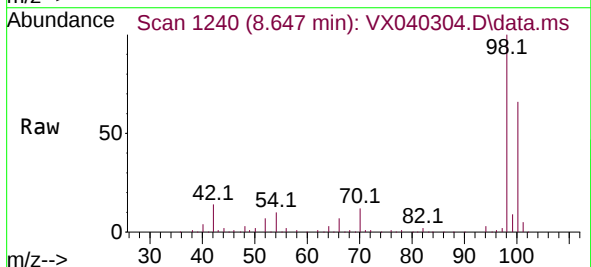
Instrument :
MSVOA_X
ClientSampleId :

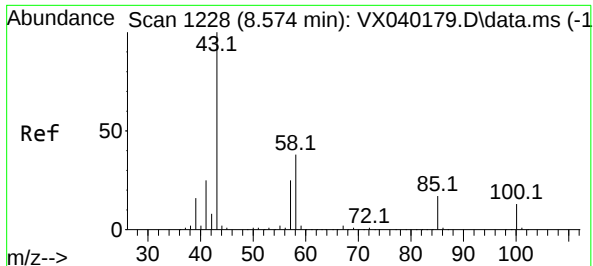
Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 46.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

Tgt Ion: 98 Resp: 148179
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

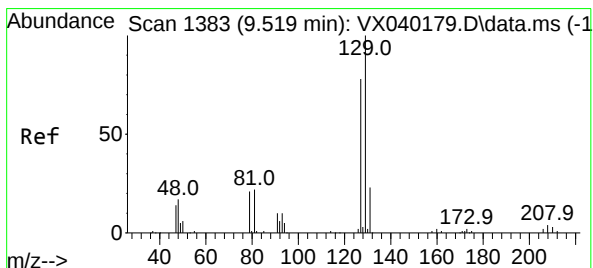
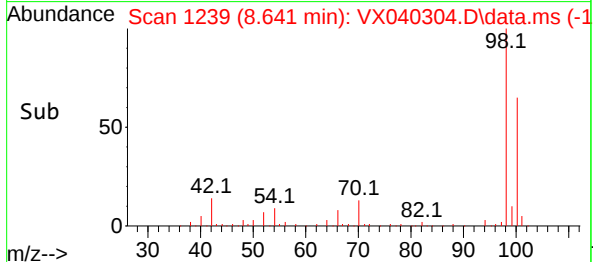
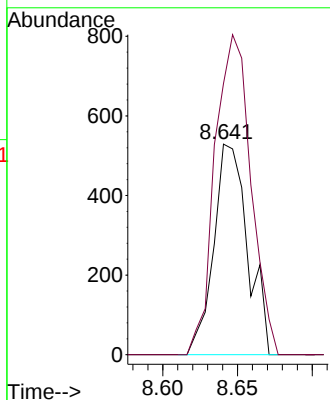
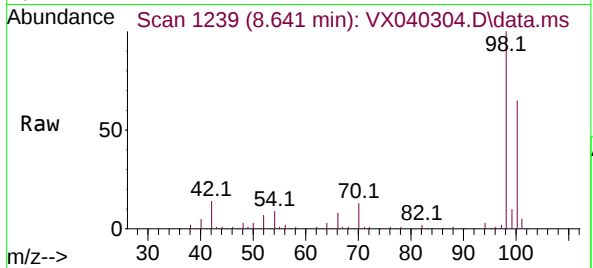




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

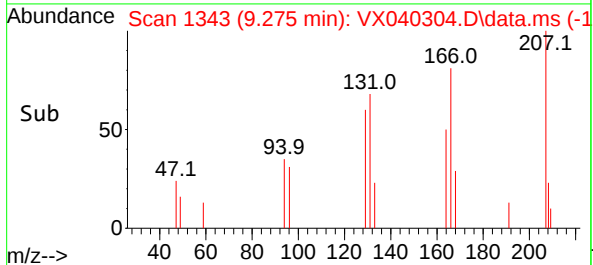
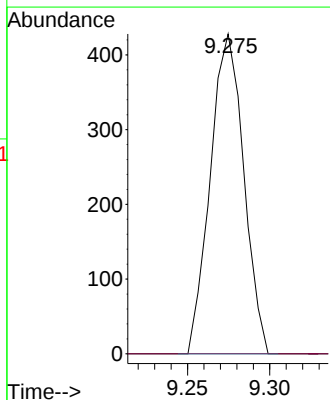
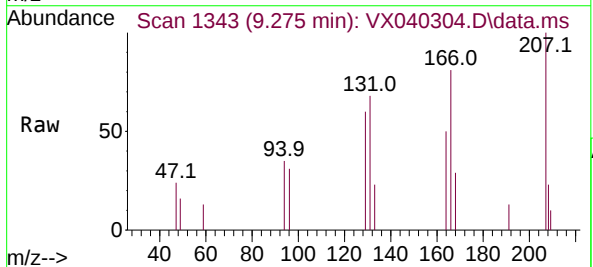
Instrument :
MSVOA_X
ClientSampleId :

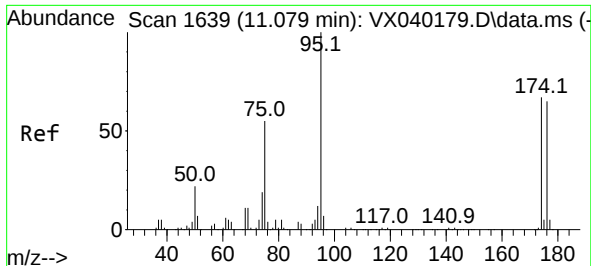
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 161.6 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.637 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

Tgt Ion: 129 Resp: 605
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

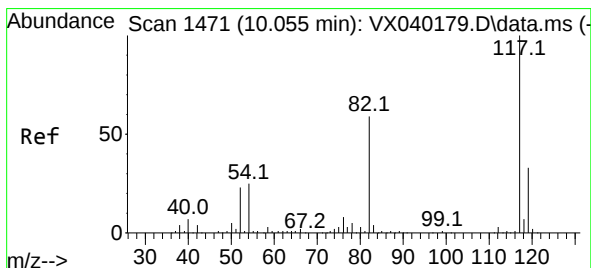
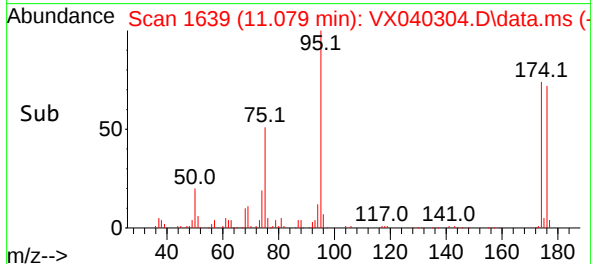
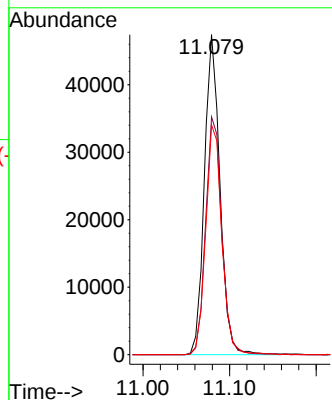
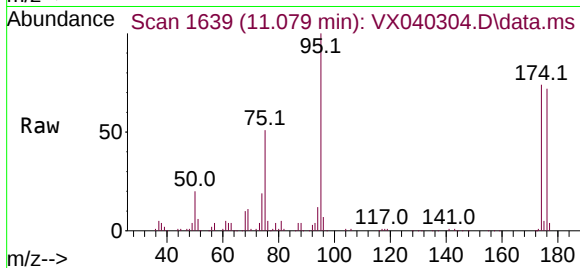




#62
4-Bromofluorobenzene
Concen: 45.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

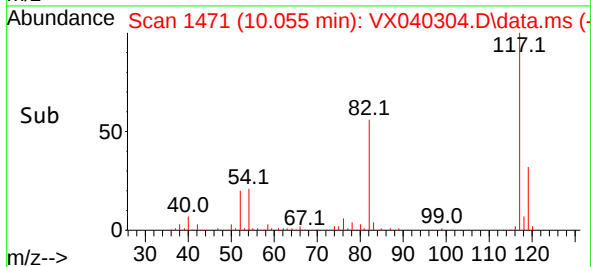
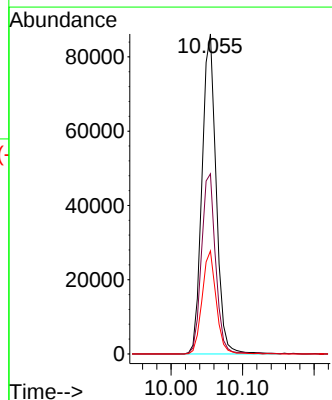
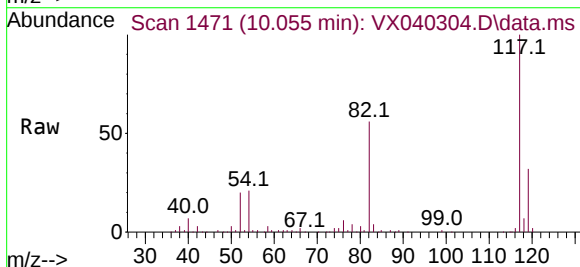
Instrument :
MSVOA_X
ClientSampleId :

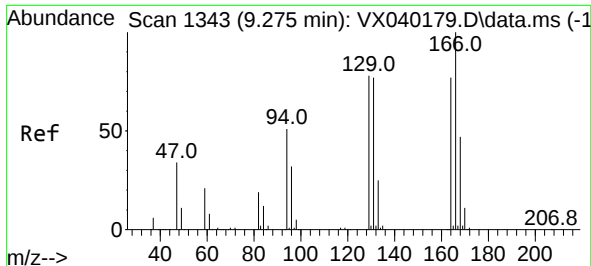
Tgt Ion: 95 Resp: 59207
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

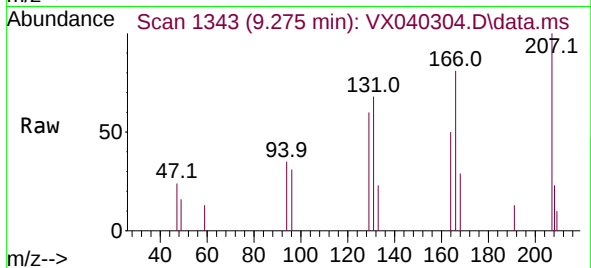
Tgt Ion: 117 Resp: 118217
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



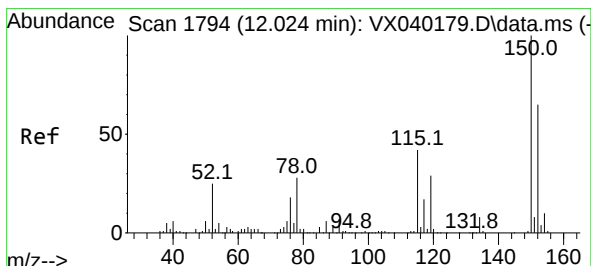
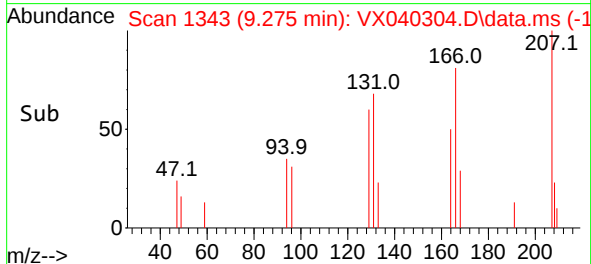
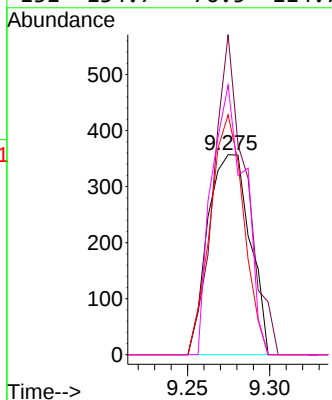


#64
Tetrachloroethene
Concen: 0.764 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :

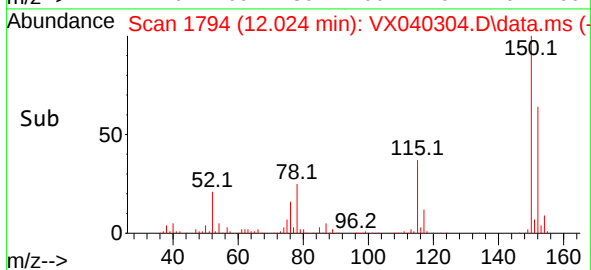
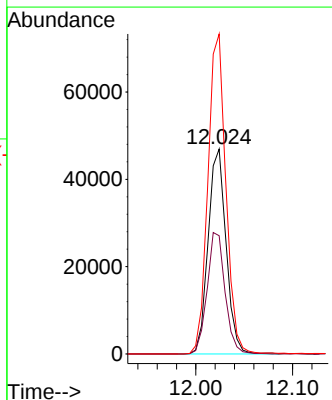
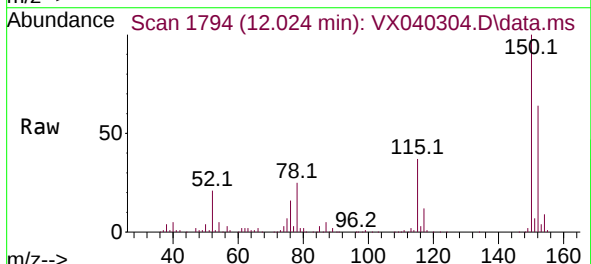


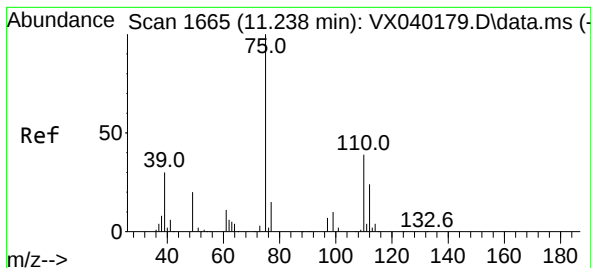
Tgt Ion:164 Resp: 633
Ion Ratio Lower Upper
164 100
166 159.9 102.7 154.1#
129 119.9 80.4 120.6
131 134.7 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040304.D
Acq: 17 Feb 2024 15:55

Tgt Ion:152 Resp: 60757
Ion Ratio Lower Upper
152 100
115 59.2 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.862 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040304.D

Acq: 17 Feb 2024 15:55

Instrument :

MSVOA_X

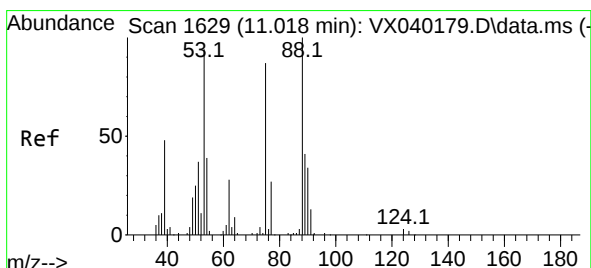
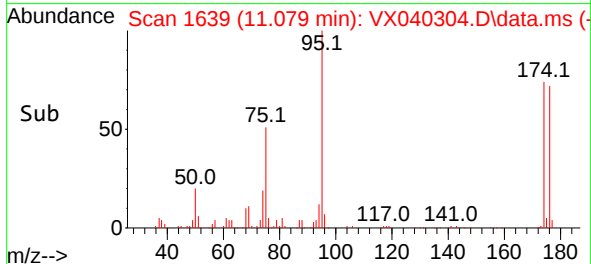
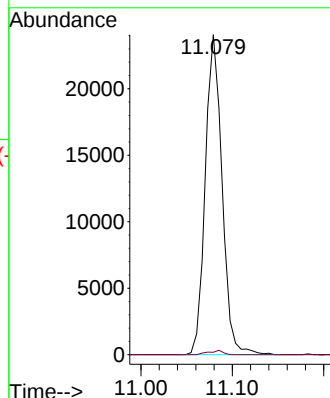
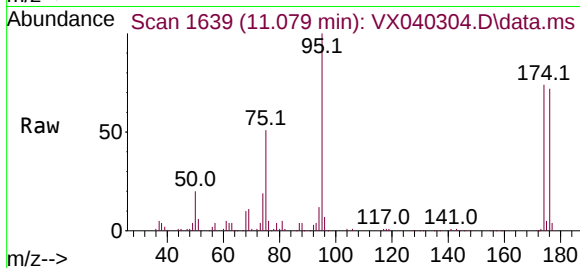
ClientSampleId :

Tgt Ion: 75 Resp: 30589

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.408 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040304.D

Acq: 17 Feb 2024 15:55

Tgt Ion: 75 Resp: 30589

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

