

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040303.D
 Acq On : 17 Feb 2024 15:32
 Operator : JC/MD
 Sample : P1507-28DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:58:07 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)

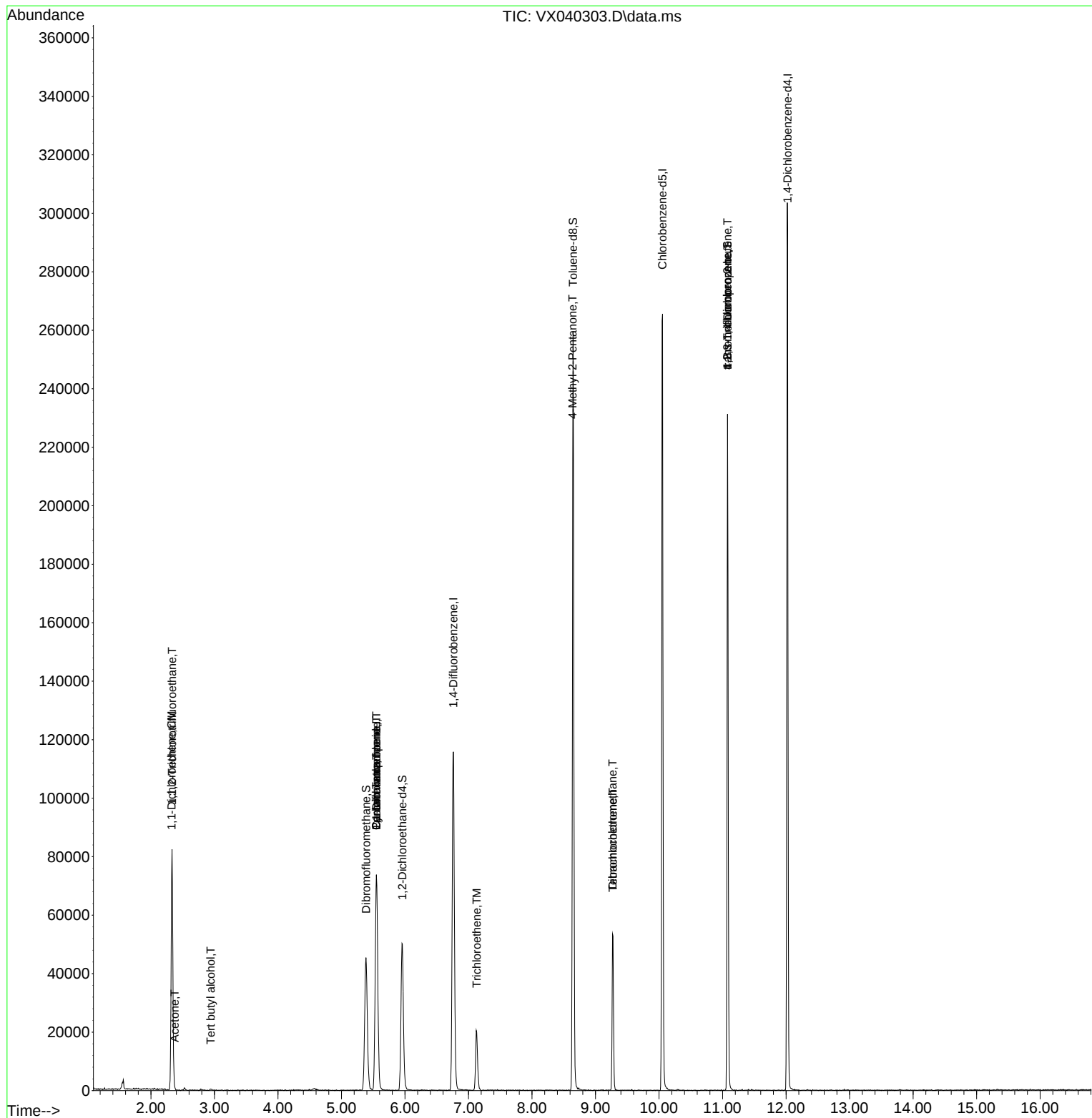
Internal Standards						
1) Pentafluorobenzene	5.550	168	70478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48590	46.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	39501	46.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.647	98	148905	46.921	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.079	95	58590	45.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.540%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	31519	42.175	ug/l	96
11) Tert butyl alcohol	2.940	59	361	1.768	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	161	0.224	ug/l #	38
16) Acetone	2.373	43	313	0.727	ug/l #	47
20) Methylene Chloride	2.782	84	200	Below Cal	#	52
31) Cyclohexane	5.550	56	1684	1.347	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	5787	4.869	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7252	6.418	ug/l #	16
44) Trichloroethene	7.129	130	7911	8.630	ug/l	85
51) 4-Methyl-2-Pentanone	8.641	43	720	0.511	ug/l #	1
60) Dibromochloromethane	9.269	129	10079	10.655	ug/l #	11
64) Tetrachloroethene	9.275	164	10408	12.297	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	31654	24.833	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31654	68.334	ug/l #	5

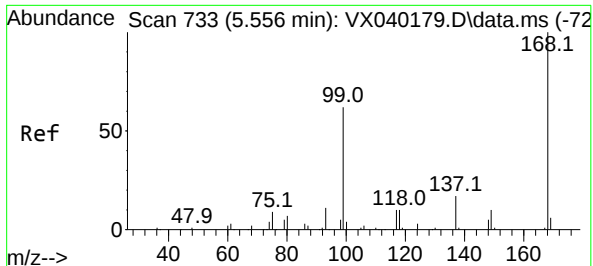
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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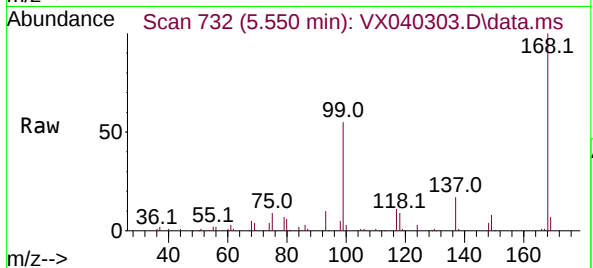
Quant Time: Feb 19 03:58:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



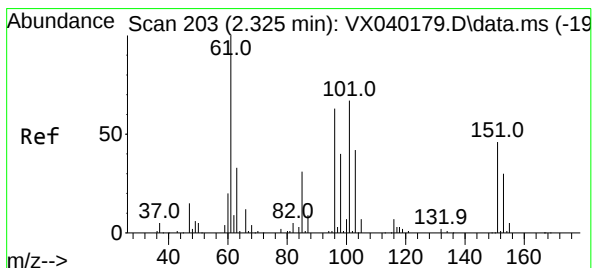
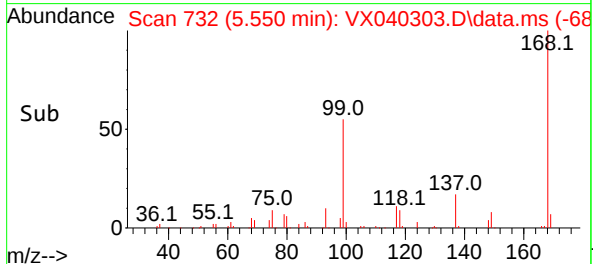
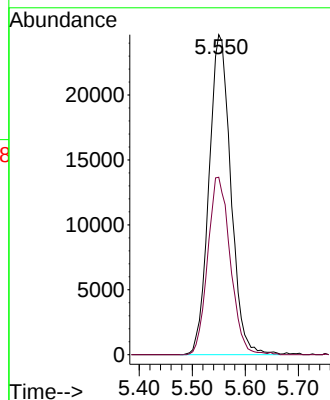


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

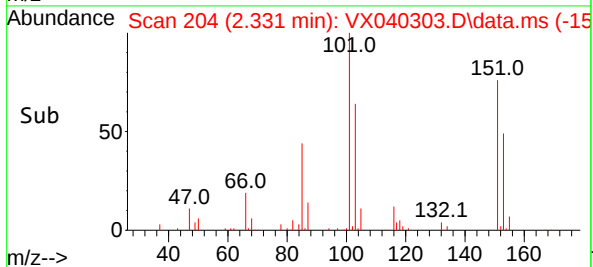
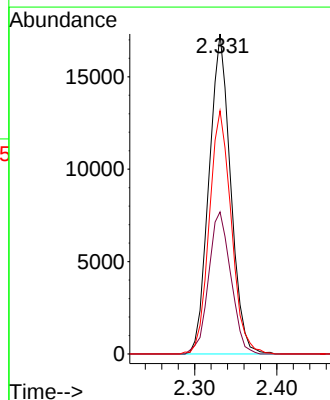
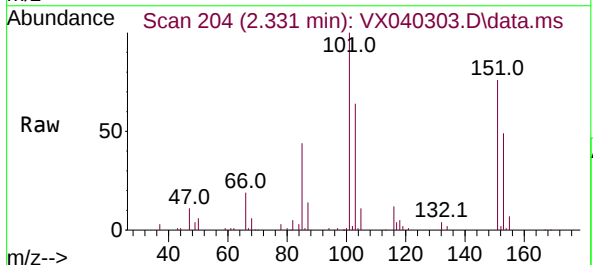


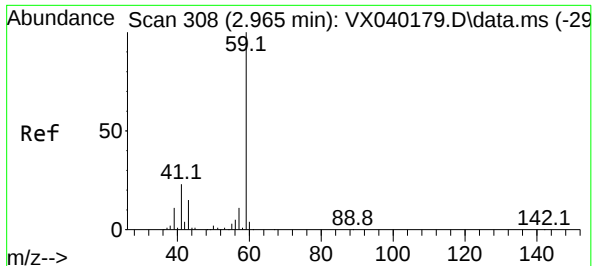
Tgt Ion:168 Resp: 70478
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.175 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion:101 Resp: 31519
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 77.8 58.6 87.8





#11

Tert butyl alcohol

Concen: 1.768 ug/l

RT: 2.940 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX040303.D

Acq: 17 Feb 2024 15:32

Instrument :

MSVOA_X

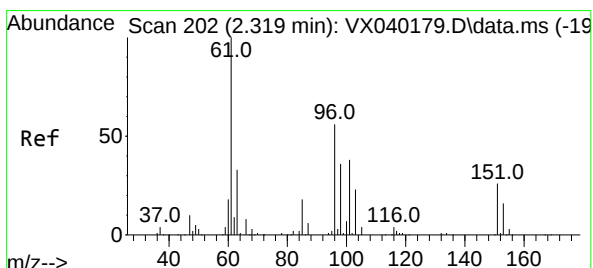
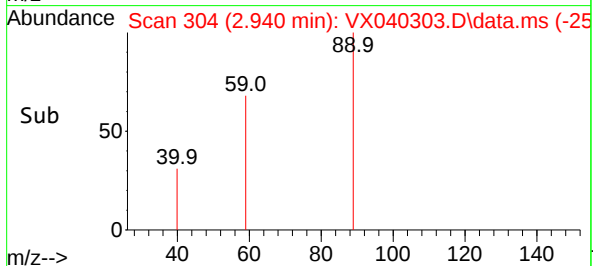
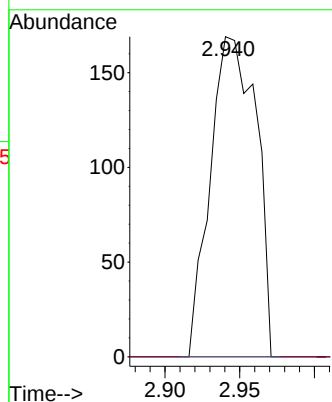
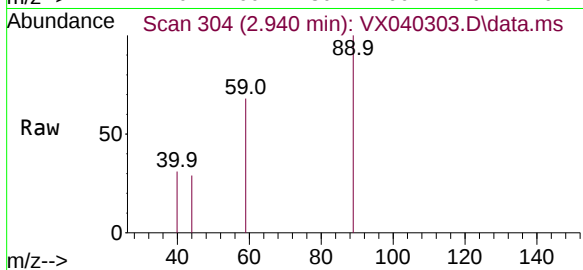
ClientSampleId :

Tgt Ion: 59 Resp: 361

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.224 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040303.D

Acq: 17 Feb 2024 15:32

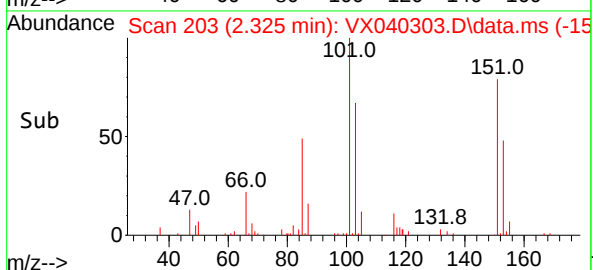
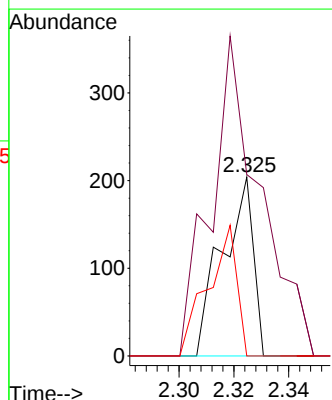
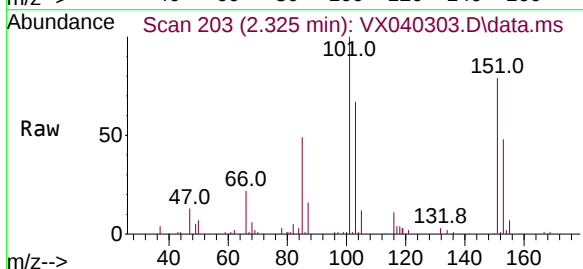
Tgt Ion: 96 Resp: 161

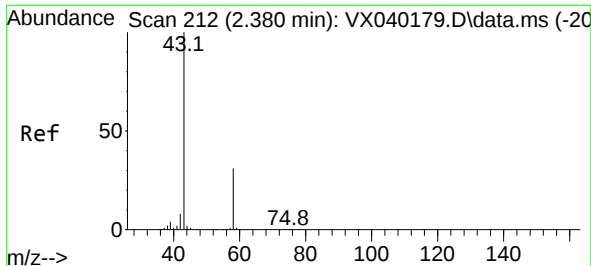
Ion Ratio Lower Upper

96 100

61 101.5 144.6 216.8#

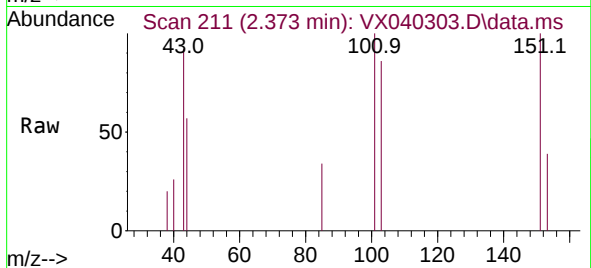
98 0.0 50.4 75.6#



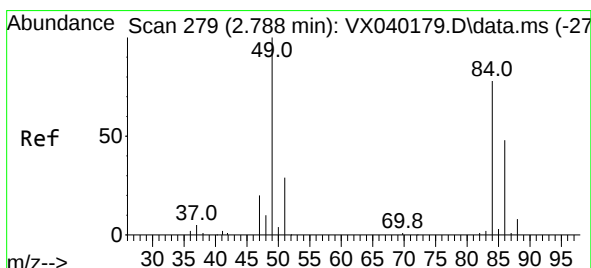
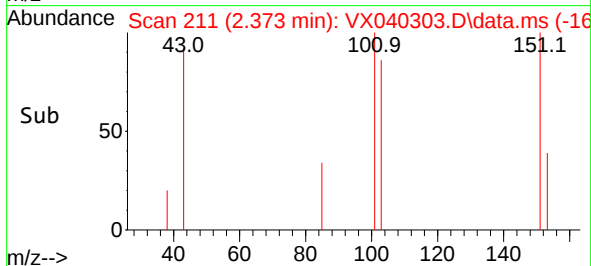
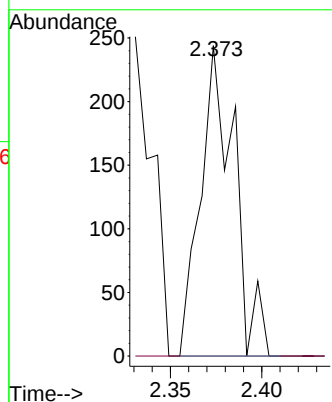


#16
Acetone
Concen: 0.727 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

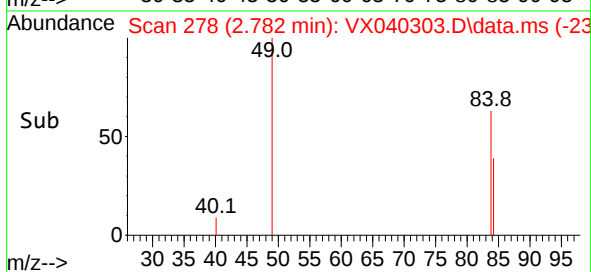
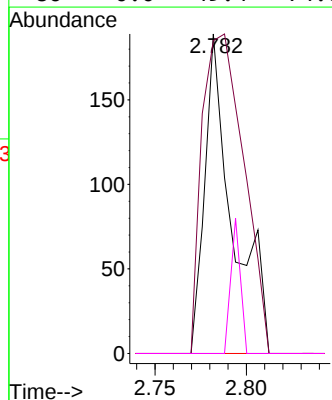
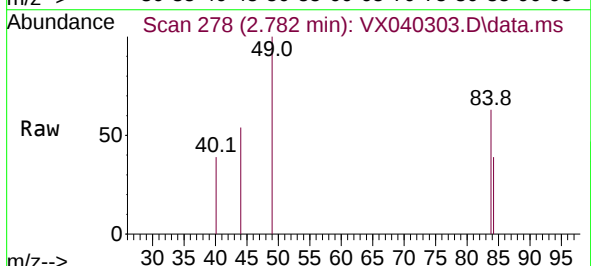


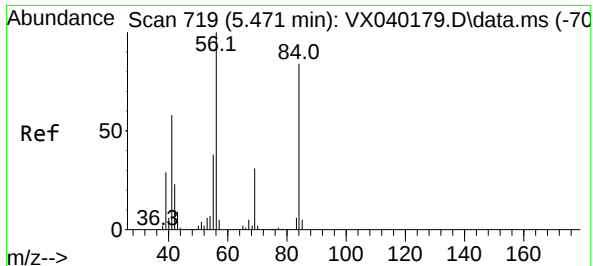
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

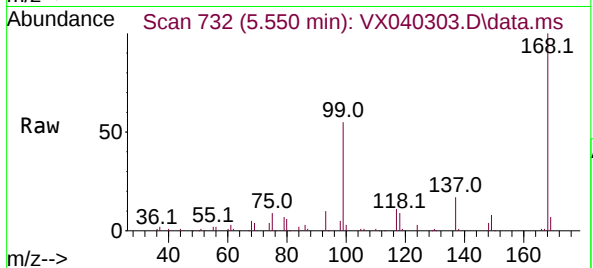
Tgt Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 97.9 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



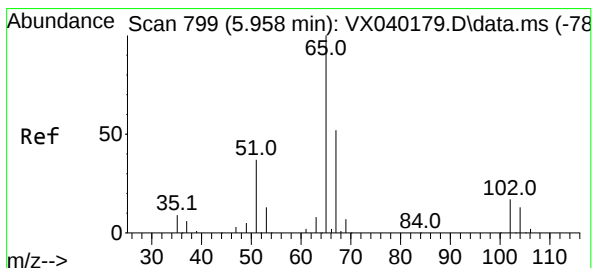
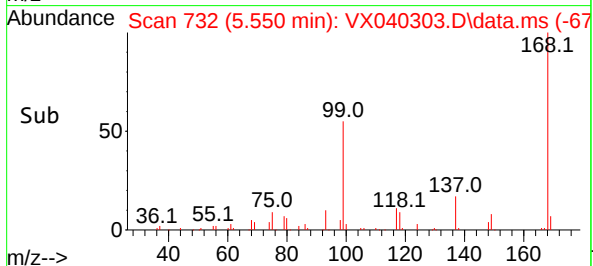
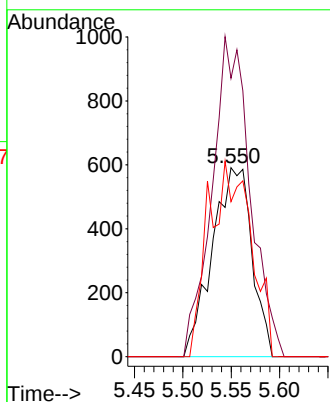


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

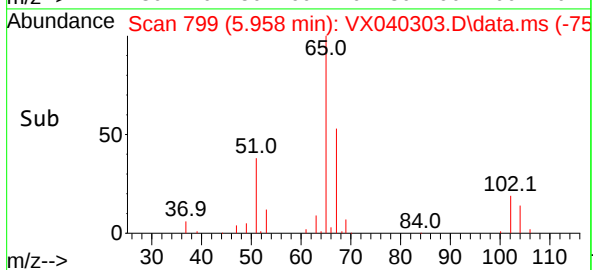
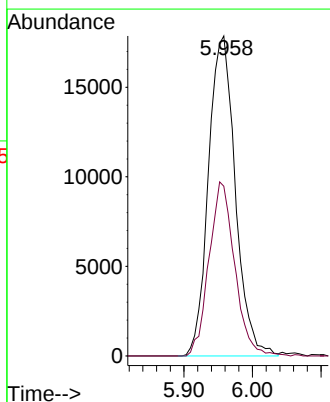
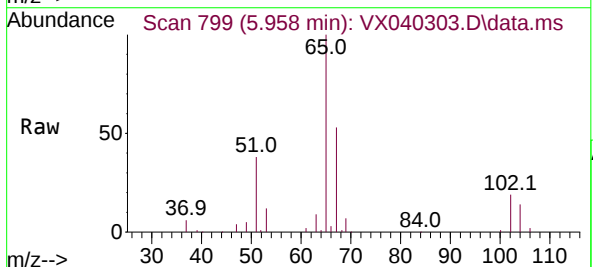


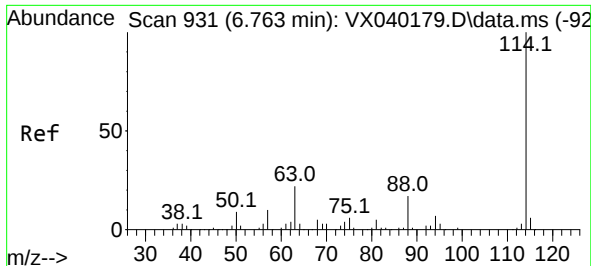
Tgt Ion: 56 Resp: 1684
Ion Ratio Lower Upper
56 100
69 147.4 23.4 35.2#
84 82.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion: 65 Resp: 48590
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

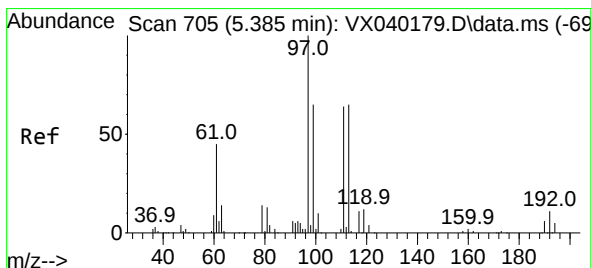
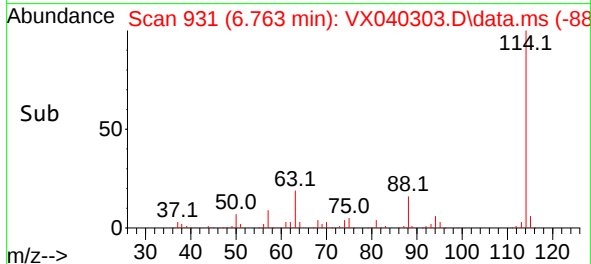
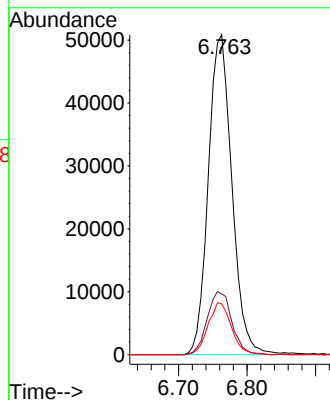
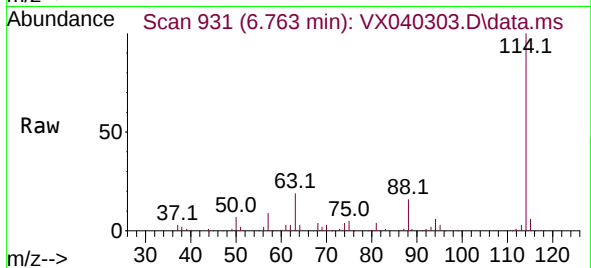




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

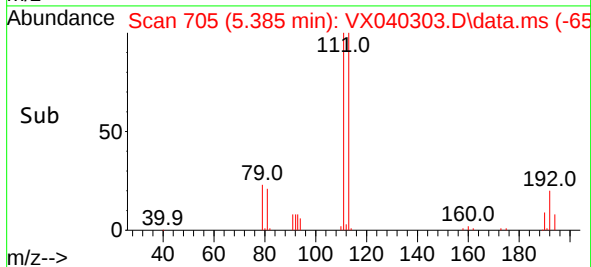
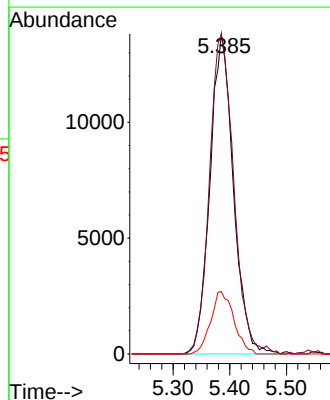
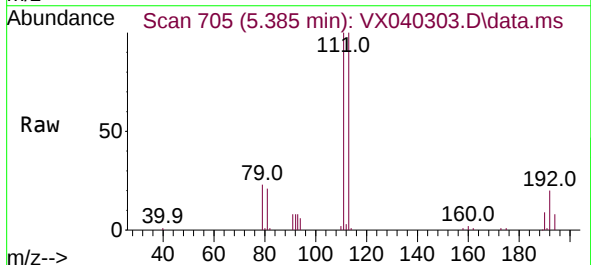
Instrument :
MSVOA_X
ClientSampleId :

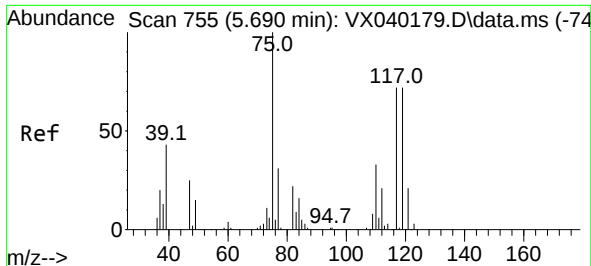
Tgt Ion:114 Resp: 121484
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.561 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion:113 Resp: 39501
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.146 min

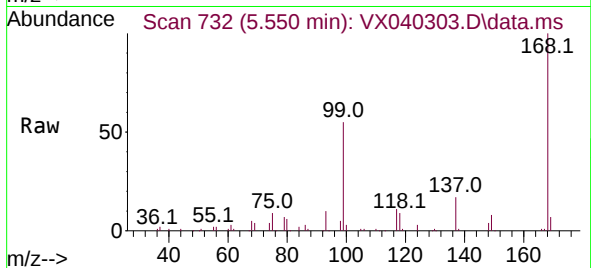
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Acq: 17 Feb 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :



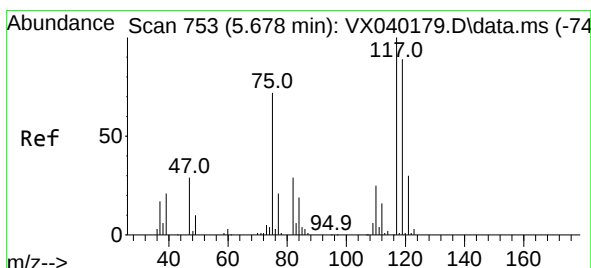
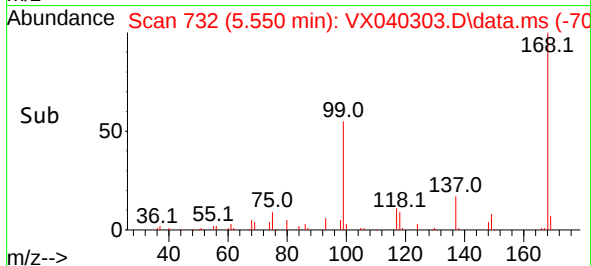
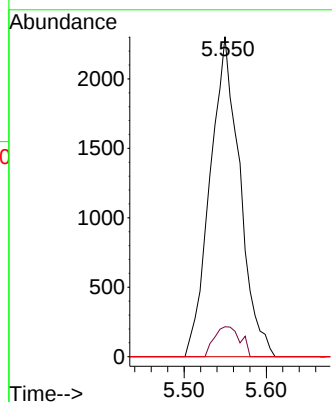
Tgt Ion: 75 Resp: 5787

Ion Ratio Lower Upper

75 100

110 8.2 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.418 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX040303.D

Acq: 17 Feb 2024 15:32

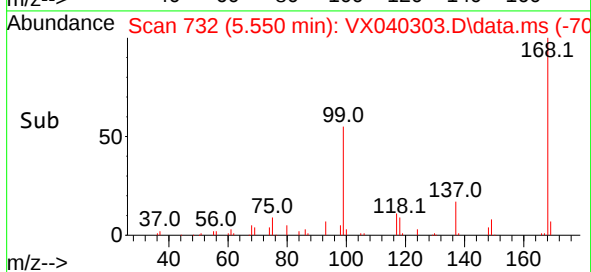
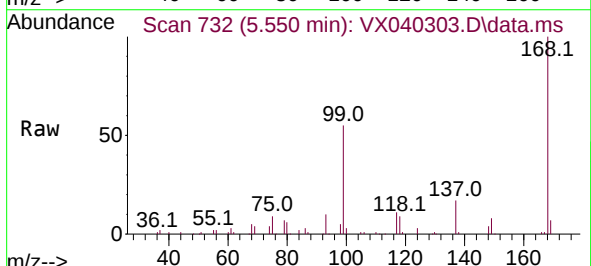
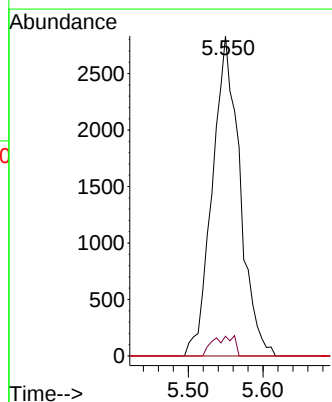
Tgt Ion: 117 Resp: 7252

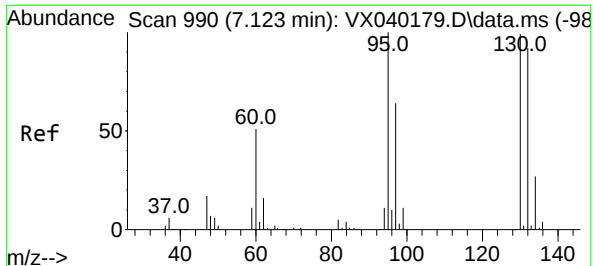
Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 24.4 36.6#

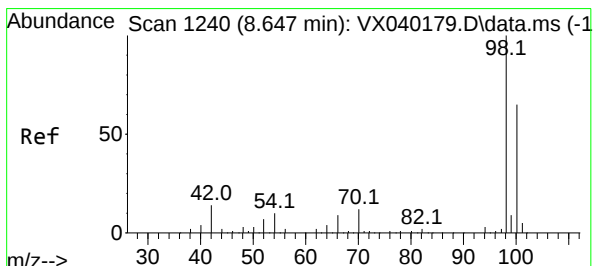
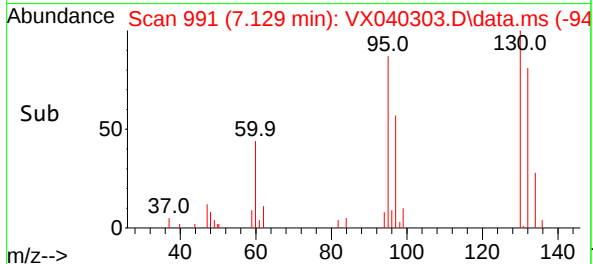
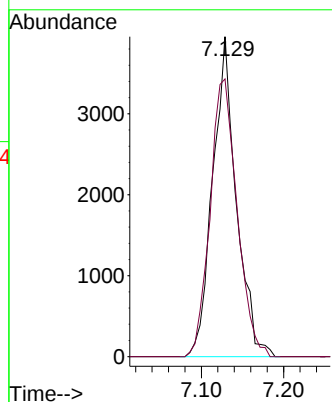
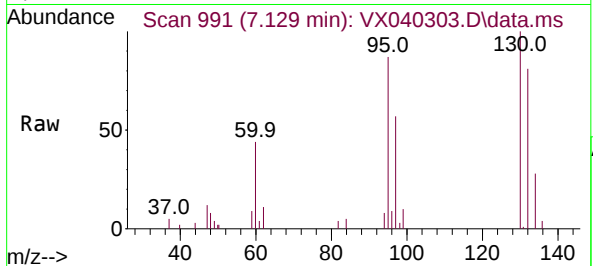




#44
Trichloroethene
Concen: 8.630 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

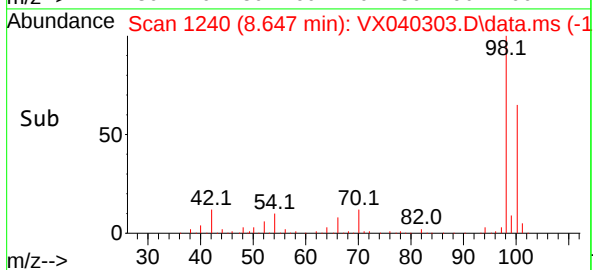
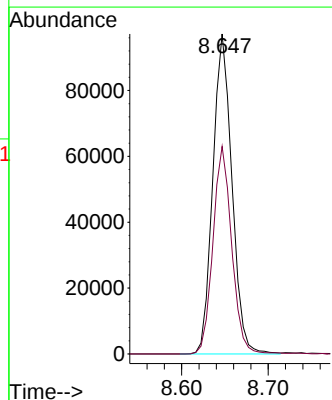
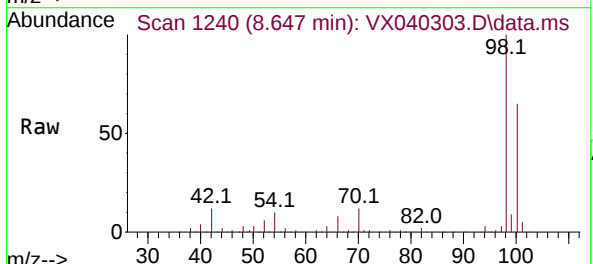
Instrument :
MSVOA_X
ClientSampleId :

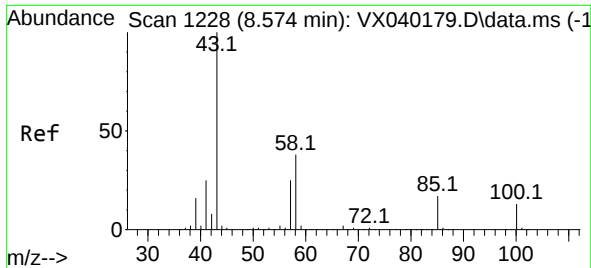
Tgt Ion:130 Resp: 7911
Ion Ratio Lower Upper
130 100
95 86.8 0.0 204.4



#50
Toluene-d8
Concen: 46.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion: 98 Resp: 148905
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

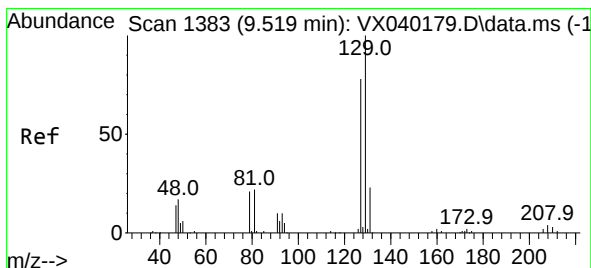
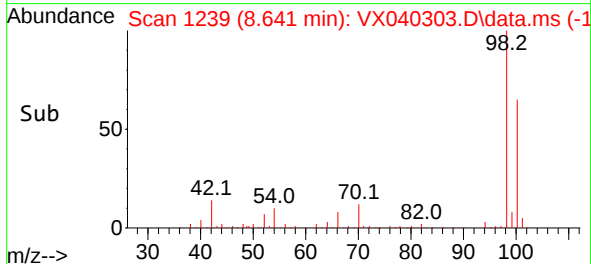
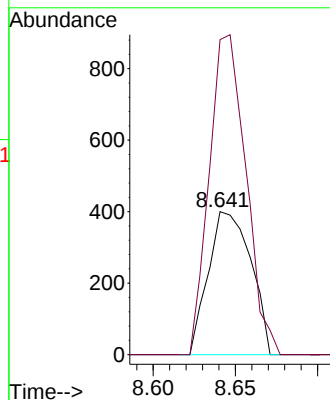
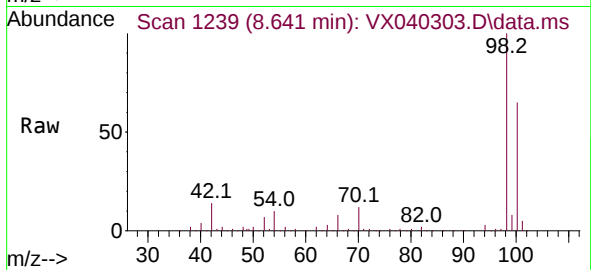




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

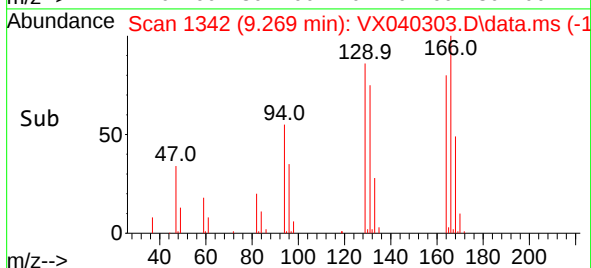
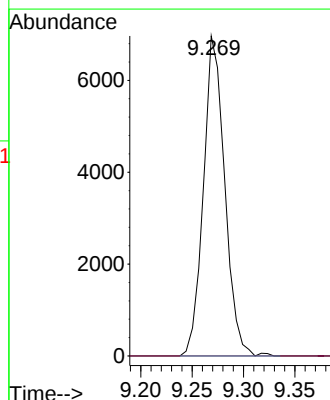
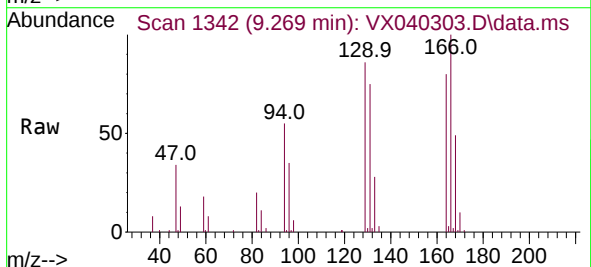
Instrument :
MSVOA_X
ClientSampleId :

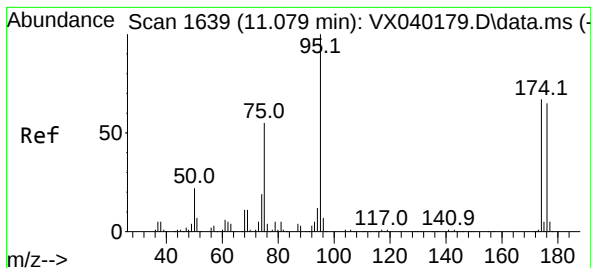
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 192.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 10.655 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion: 129 Resp: 10079
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

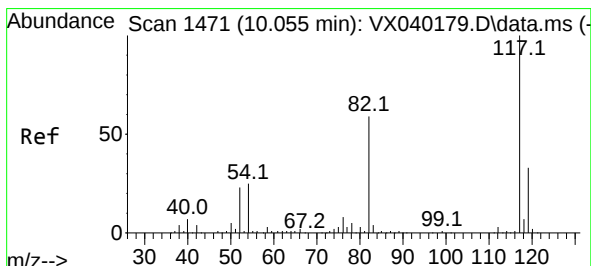
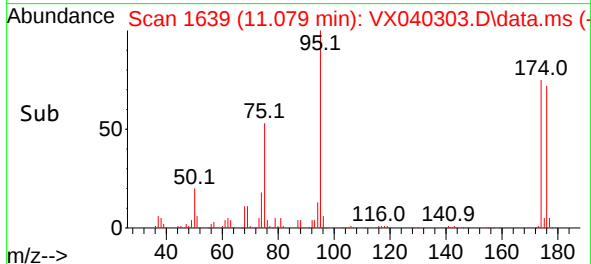
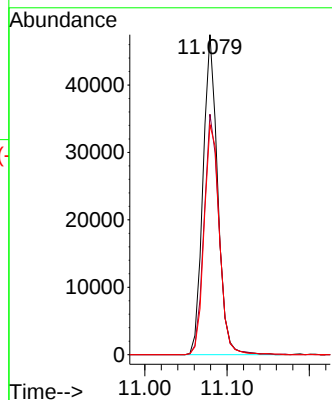
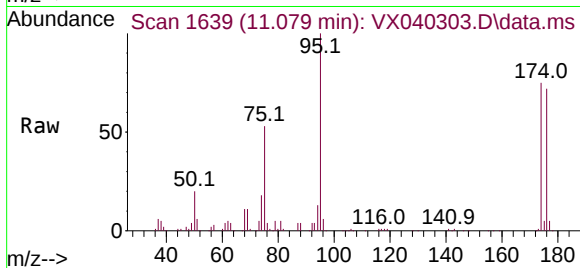




#62
4-Bromofluorobenzene
Concen: 45.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

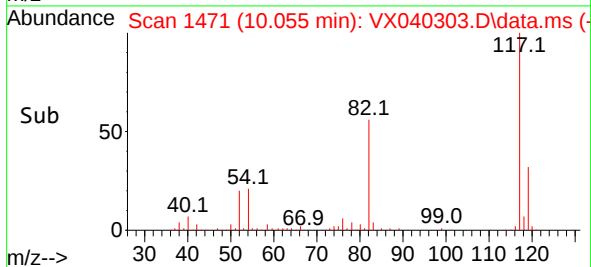
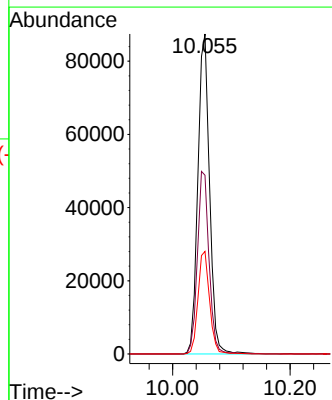
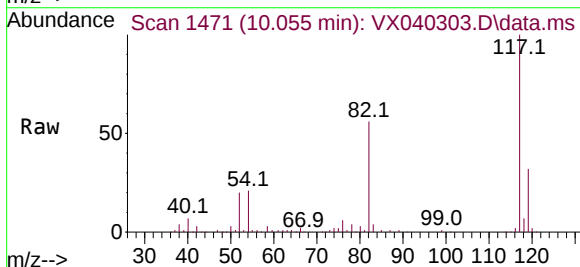
Instrument :
MSVOA_X
ClientSampleId :

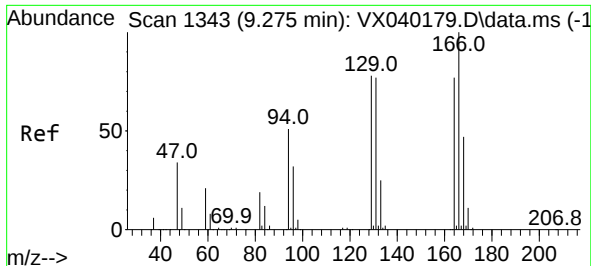
Tgt Ion: 95 Resp: 58590
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 75.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

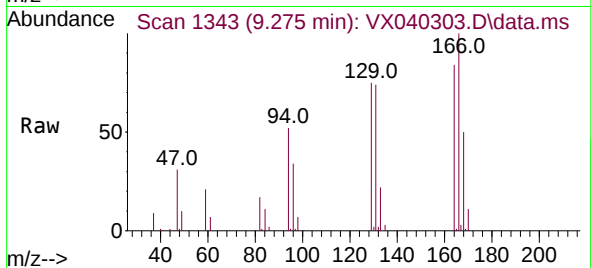
Tgt Ion: 117 Resp: 120775
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.0 25.5 38.3





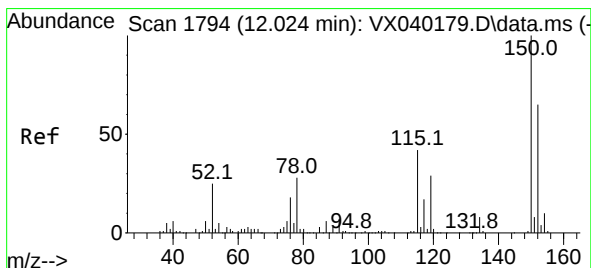
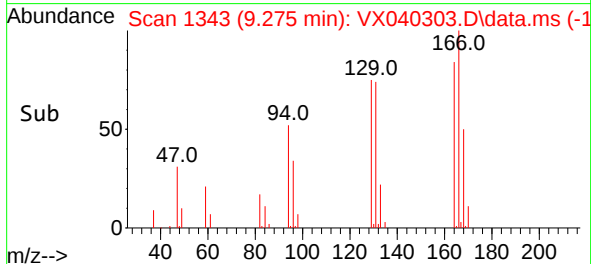
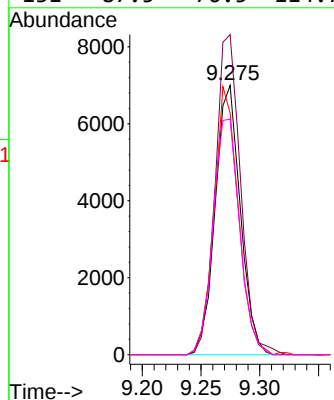
#64
Tetrachloroethene
Concen: 12.297 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 10408

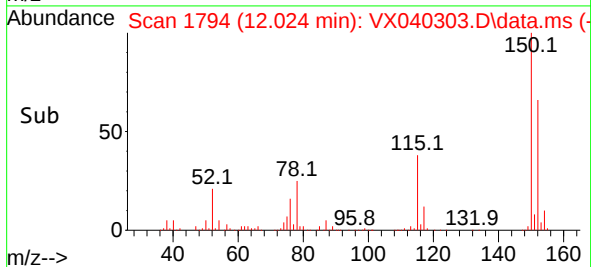
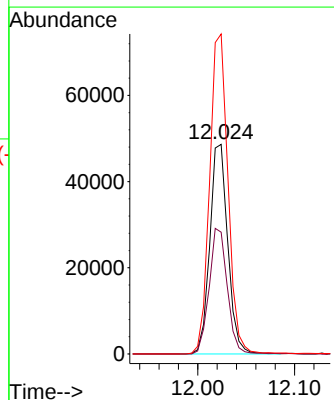
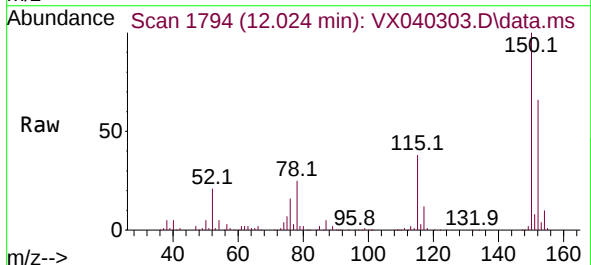
Ion	Ratio	Lower	Upper
164	100		
166	118.8	102.7	154.1
129	89.7	80.4	120.6
131	87.5	76.5	114.7

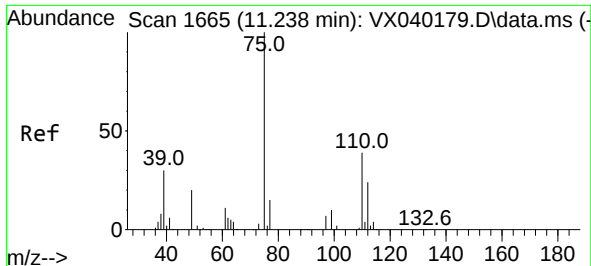


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion:152 Resp: 62945

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.3	129.9
150	155.9	0.0	345.0

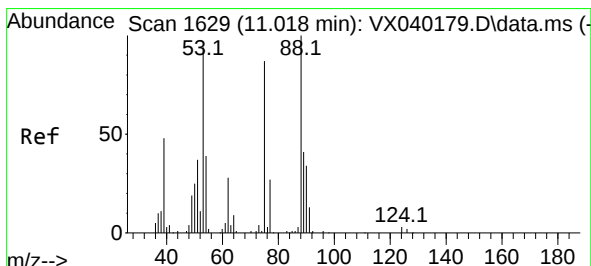
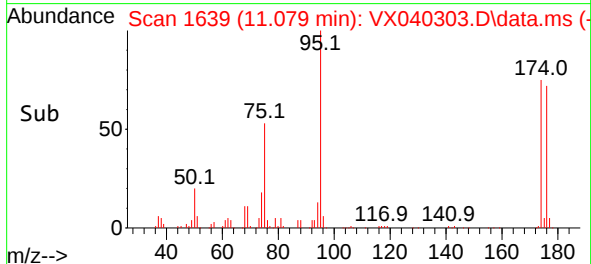
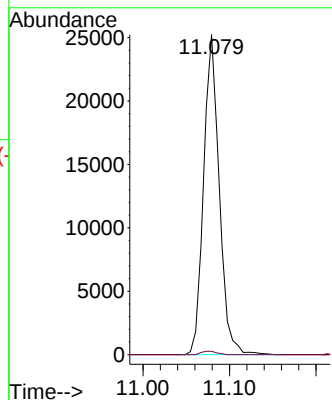
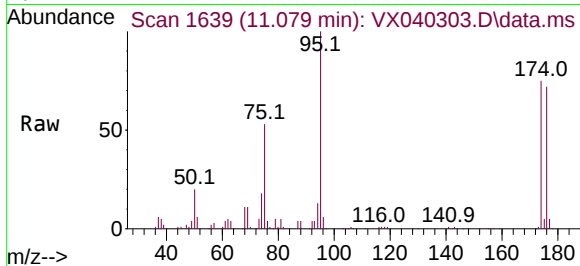




#76
1,2,3-Trichloropropane
Concen: 24.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

