

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040302.D
 Acq On : 17 Feb 2024 15:09
 Operator : JC/MD
 Sample : P1507-19DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:57:48 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)

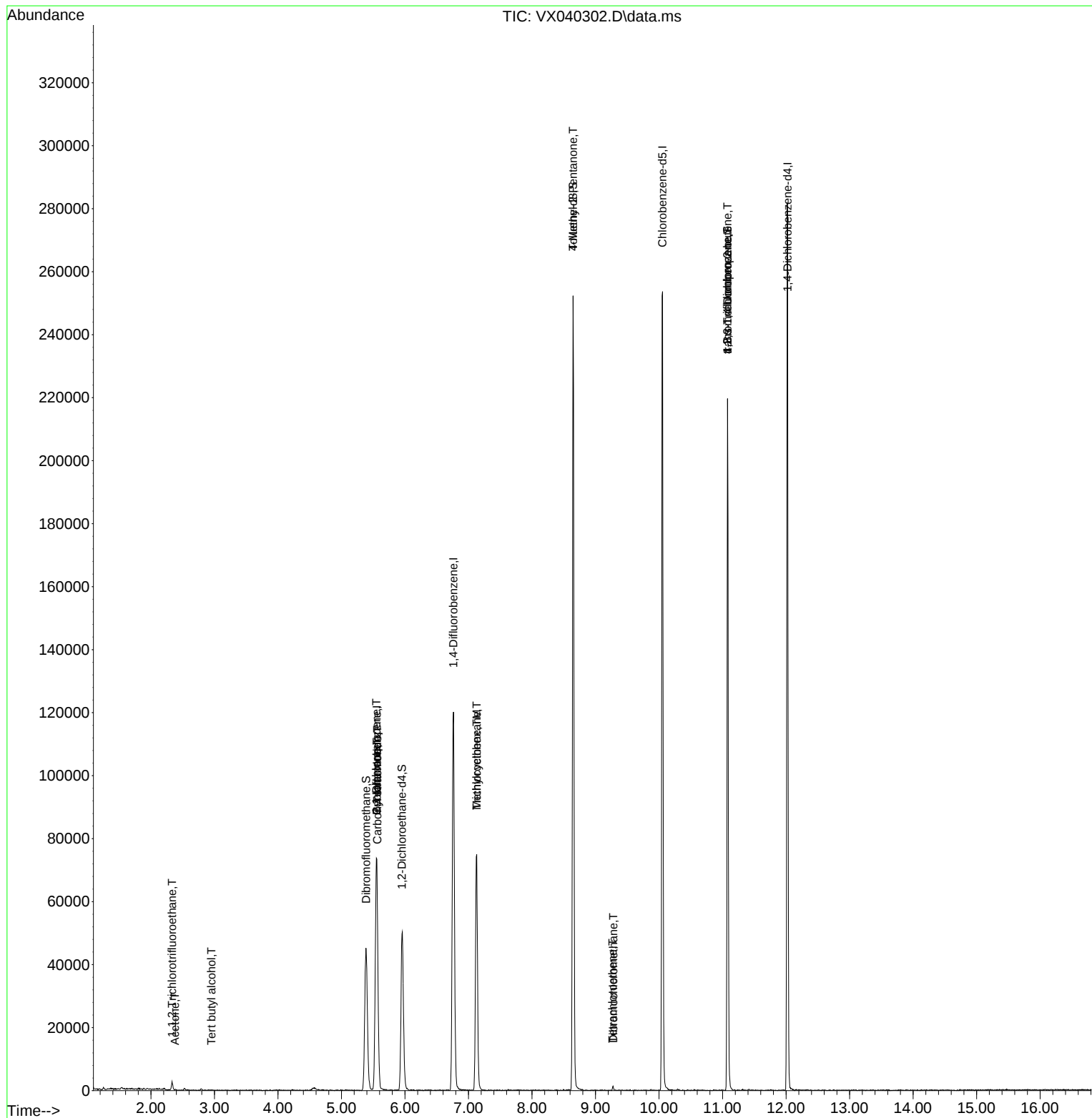
Internal Standards						
1) Pentafluorobenzene	5.556	168	71577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	122474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49136	46.143	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.385	113	39452	46.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	147902	46.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.079	95	57257	43.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	968	1.275	ug/l	# 85
11) Tert butyl alcohol	2.953	59	74	0.357	ug/l	# 78
16) Acetone	2.380	43	296	0.677	ug/l	# 47
20) Methylene Chloride	2.788	84	192	Below Cal	#	46
31) Cyclohexane	5.556	56	1670	1.315	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	5641	4.708	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	7118	6.248	ug/l	# 15
39) Methylcyclohexane	7.129	83	484	0.348	ug/l	# 1
44) Trichloroethene	7.129	130	28949	31.323	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	663	0.467	ug/l	# 1
60) Dibromochloromethane	9.281	129	213	0.223	ug/l	# 11
64) Tetrachloroethene	9.269	164	225	0.271	ug/l	# 90
76) 1,2,3-Trichloropropane	11.079	75	30704	25.732	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	30704	70.679	ug/l	# 5

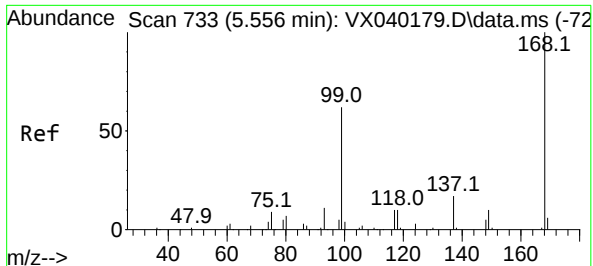
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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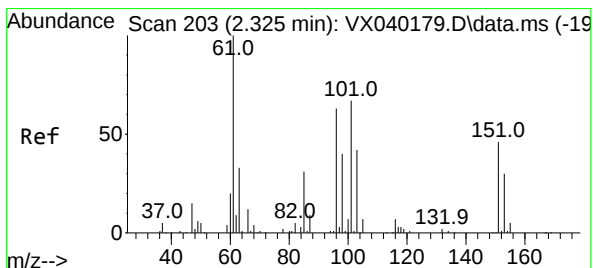
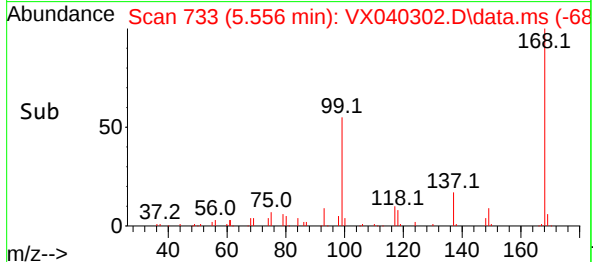
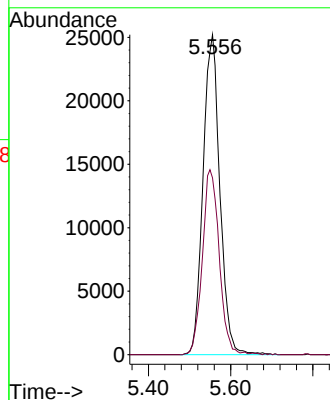
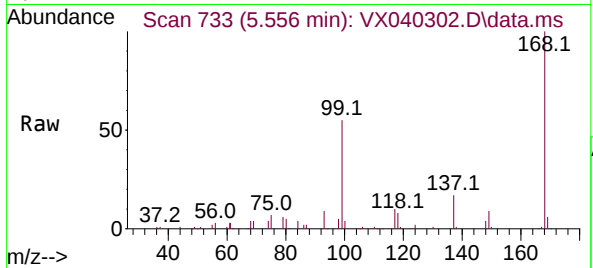




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

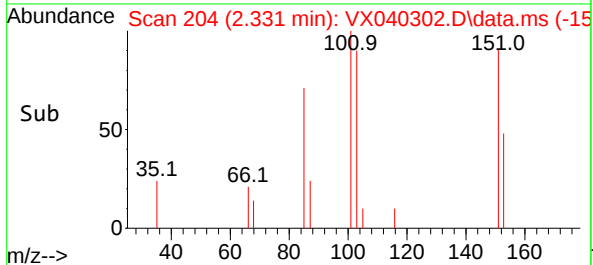
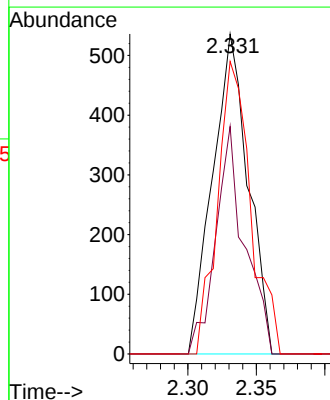
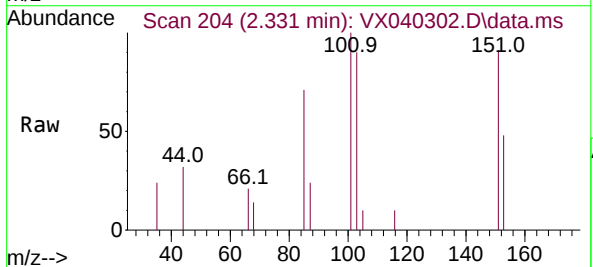
Instrument :
MSVOA_X
ClientSampleId :

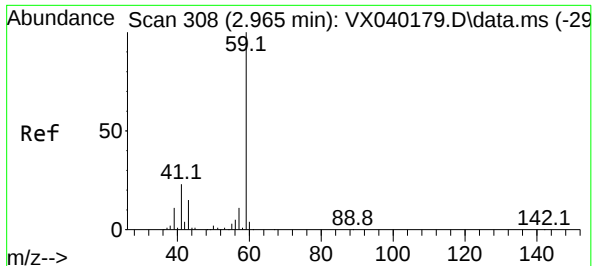
Tgt Ion:168 Resp: 71577
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.275 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion:101 Resp: 968
Ion Ratio Lower Upper
101 100
85 57.6 37.0 55.6#
151 85.0 58.6 87.8





#11

Tert butyl alcohol

Concen: 0.357 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

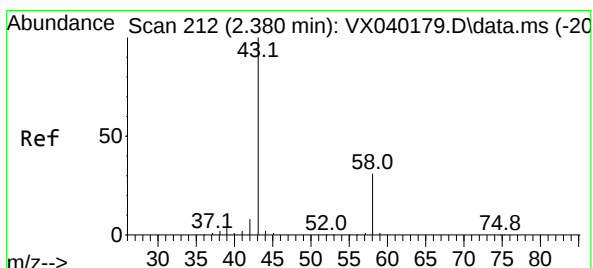
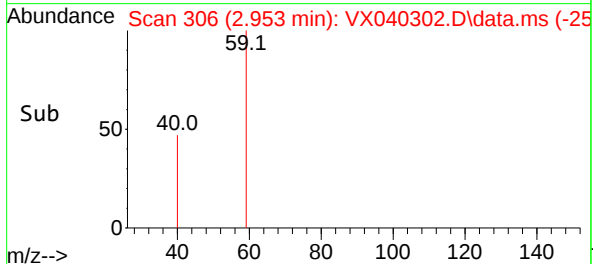
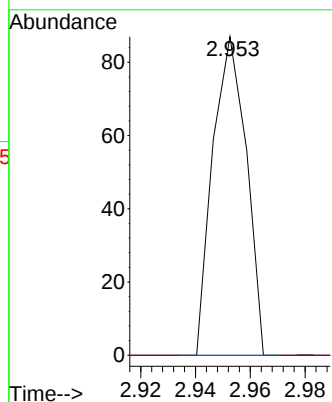
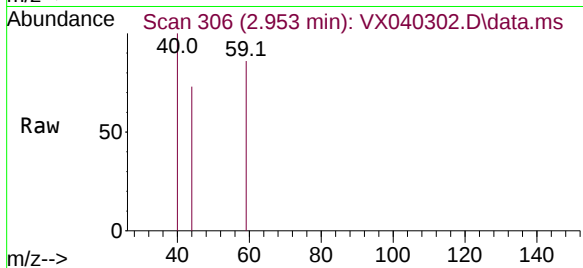
ClientSampleId :

Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.677 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040302.D

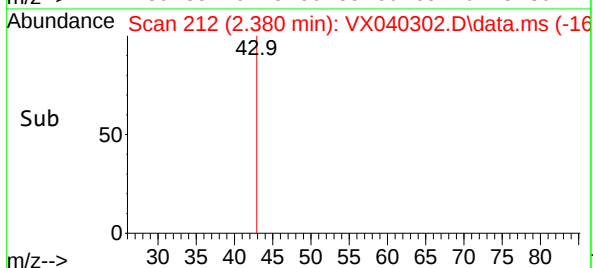
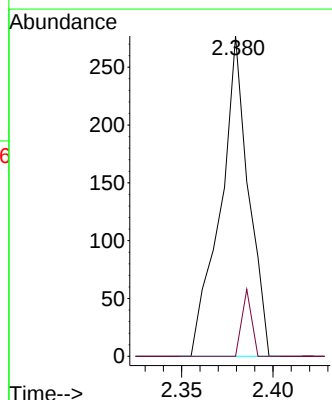
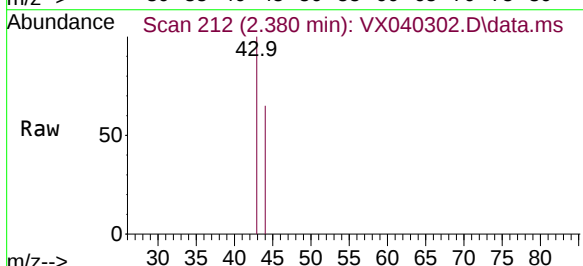
Acq: 17 Feb 2024 15:09

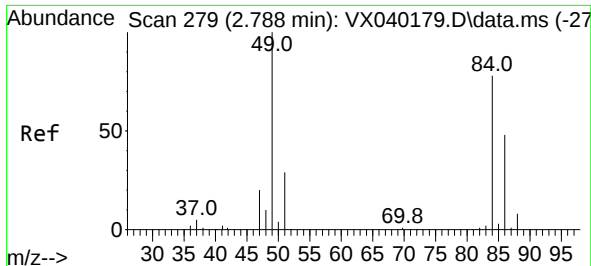
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

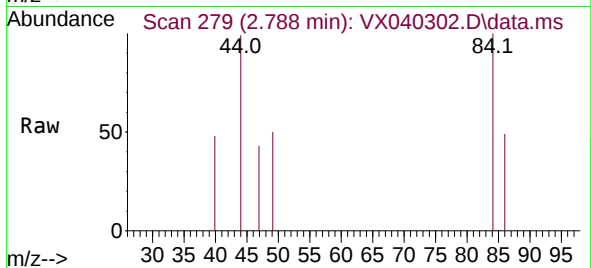
Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 192

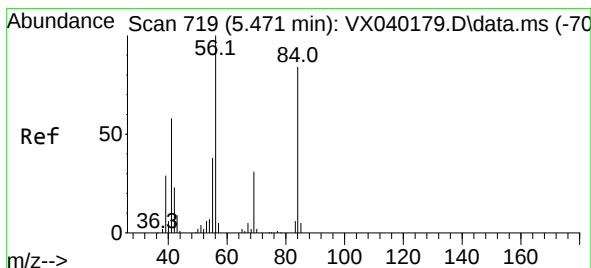
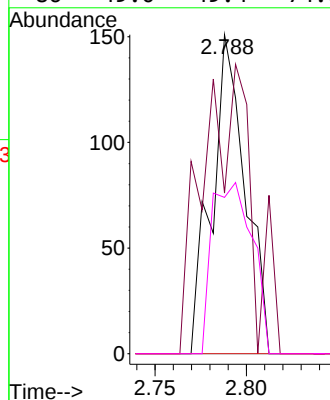
Ion Ratio Lower Upper

84 100

49 50.3 103.6 155.4#

51 0.0 33.8 50.6#

86 49.0 49.4 74.0#



#31

Cyclohexane

Concen: 1.315 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

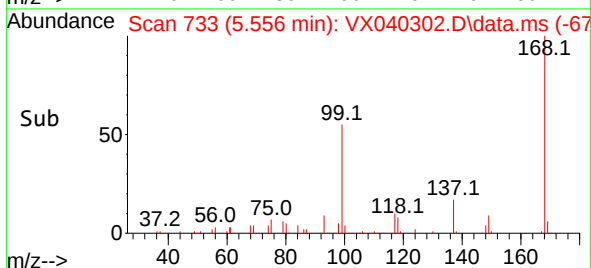
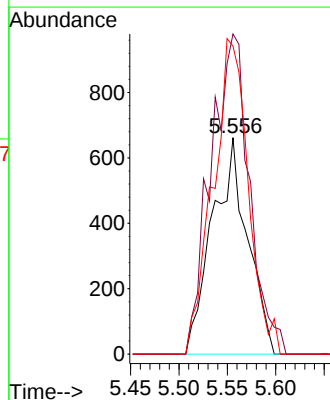
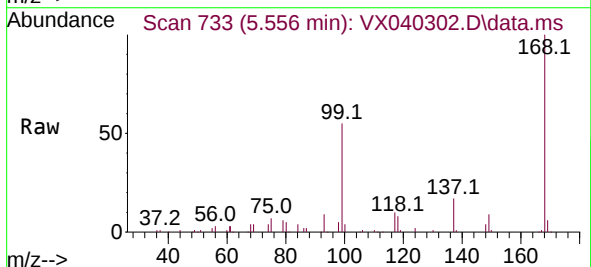
Tgt Ion: 56 Resp: 1670

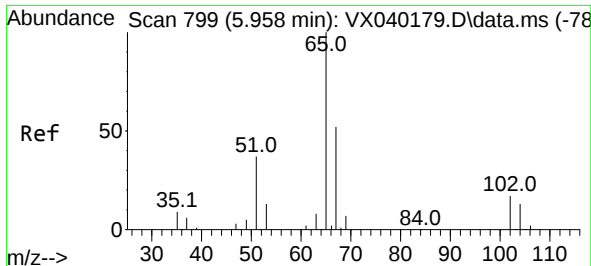
Ion Ratio Lower Upper

56 100

69 147.9 23.4 35.2#

84 142.3 65.9 98.9#

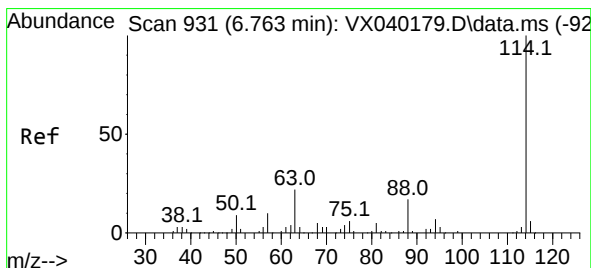
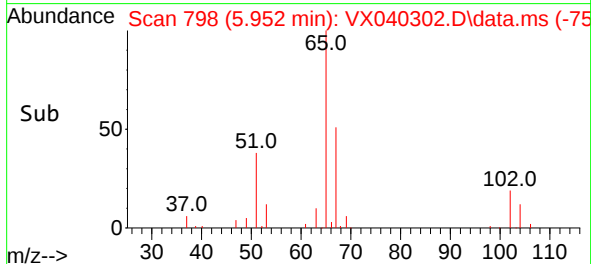
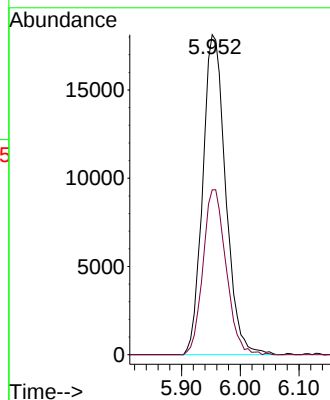
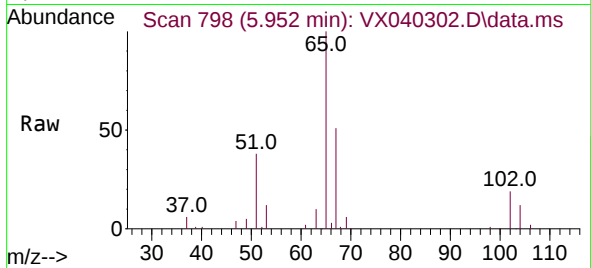




#33
 1,2-Dichloroethane-d4
 Concen: 46.143 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040302.D
 Acq: 17 Feb 2024 15:09

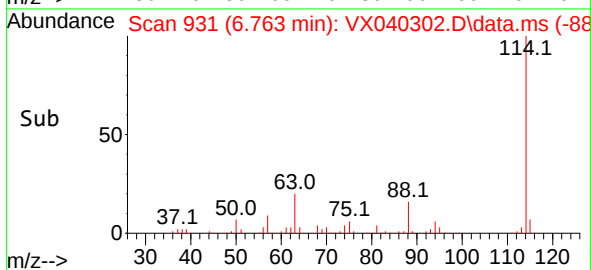
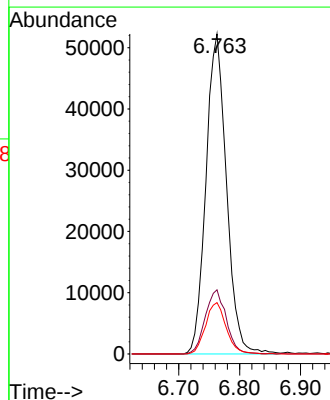
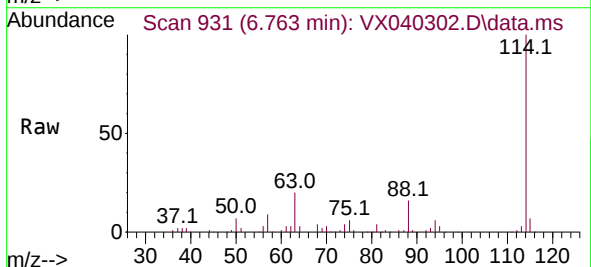
Instrument :
 MSVOA_X
 ClientSampleId :

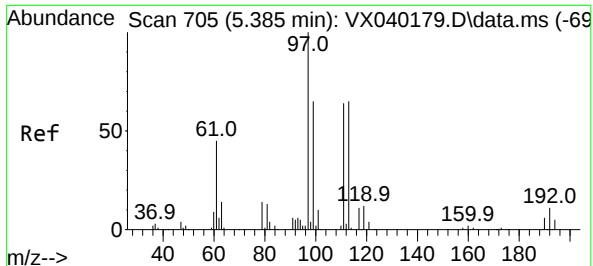
Tgt Ion: 65 Resp: 49136
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040302.D
 Acq: 17 Feb 2024 15:09

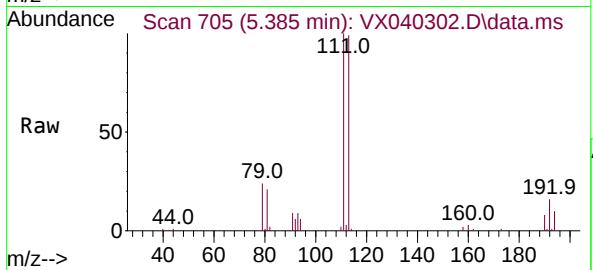
Tgt Ion: 114 Resp: 122474
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 16.0 0.0 36.6



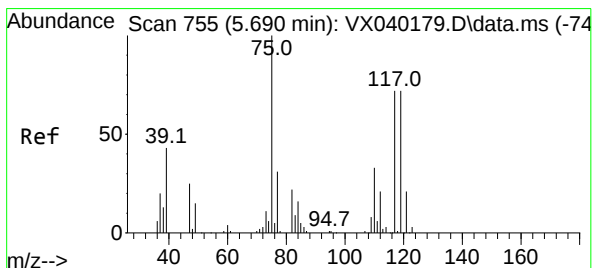
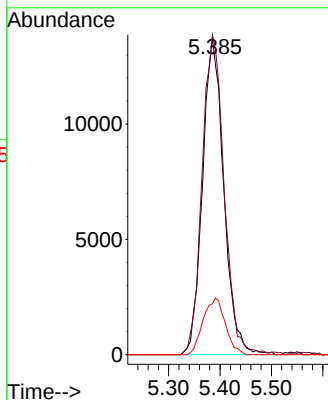
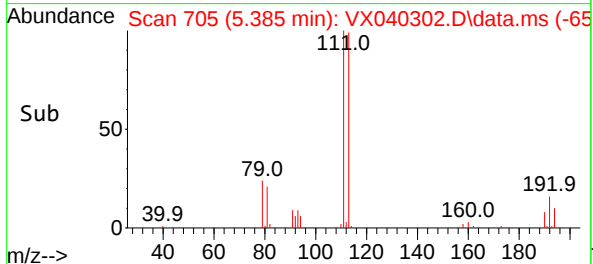


#35
Dibromofluoromethane
Concen: 46.127 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :

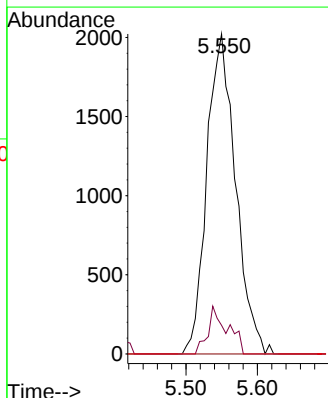
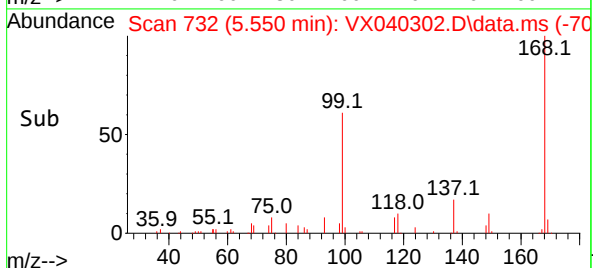
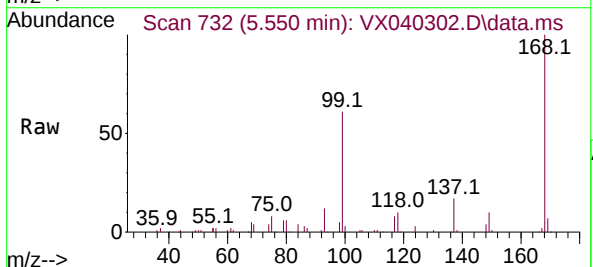


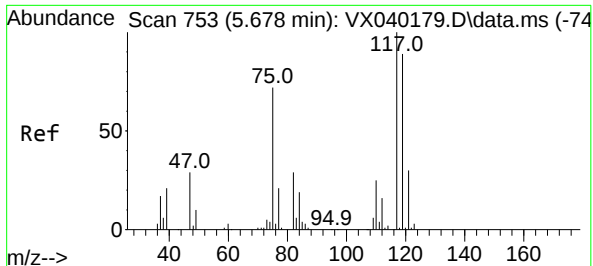
Tgt Ion:113 Resp: 39452
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

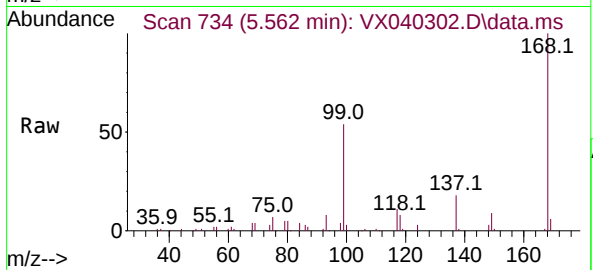
Tgt Ion: 75 Resp: 5641
Ion Ratio Lower Upper
75 100
110 7.2 17.0 50.9#
77 0.0 24.7 37.1#



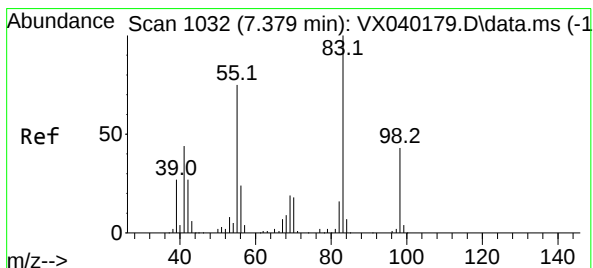
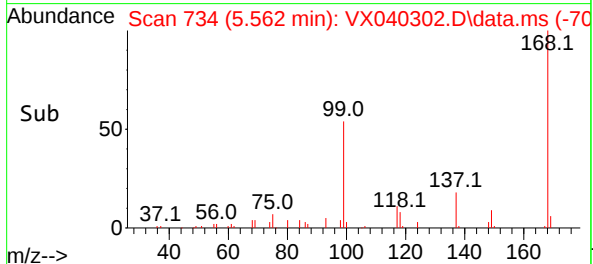
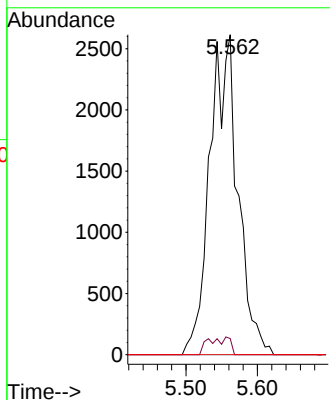


#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 5.562 min Scan# 7118
Delta R.T. -0.110 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

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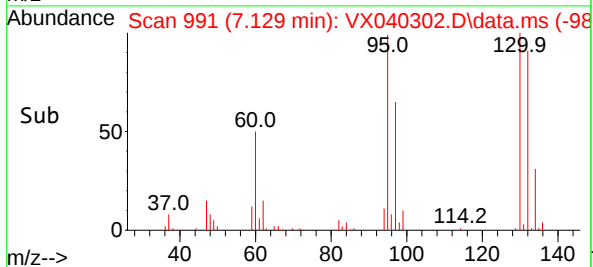
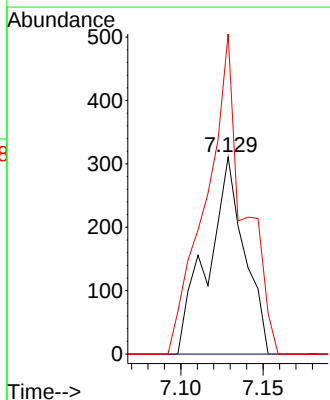
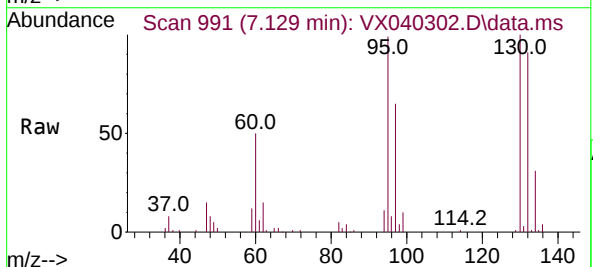


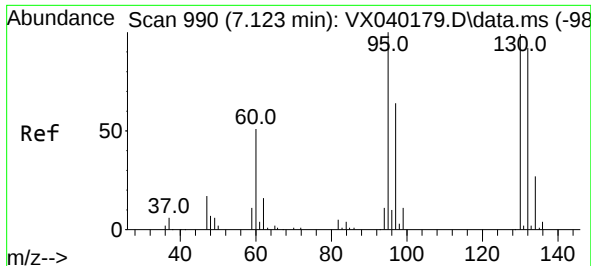
Tgt Ion:117 Resp: 7118
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.348 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion: 83 Resp: 484
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 162.4 36.7 55.1#

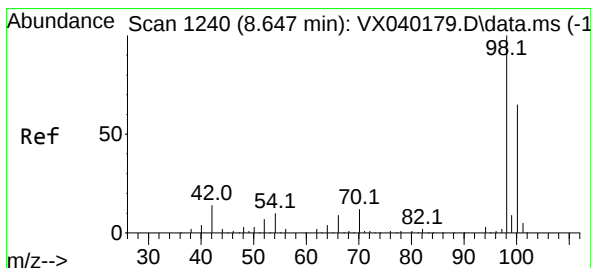
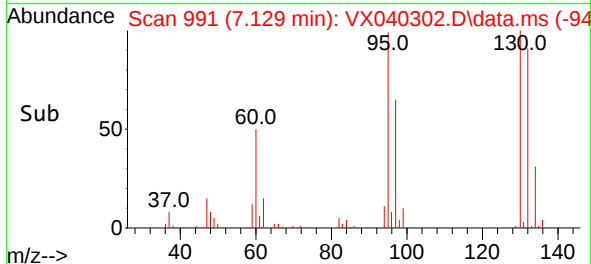
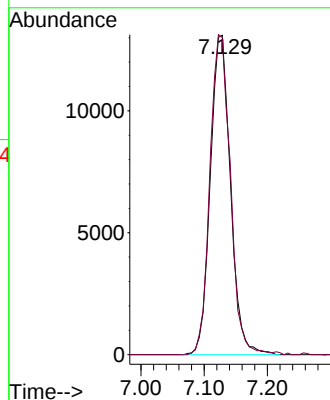
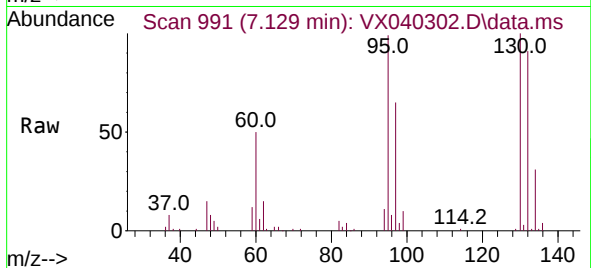




#44
Trichloroethene
Concen: 31.323 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

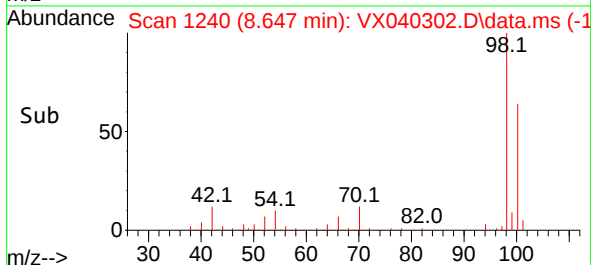
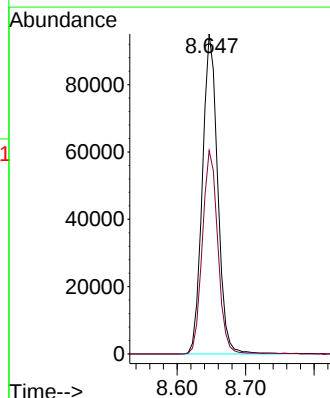
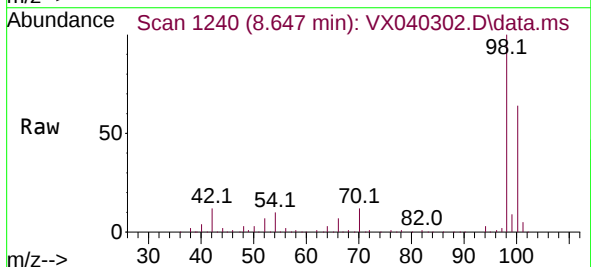
Instrument :
MSVOA_X
ClientSampleId :

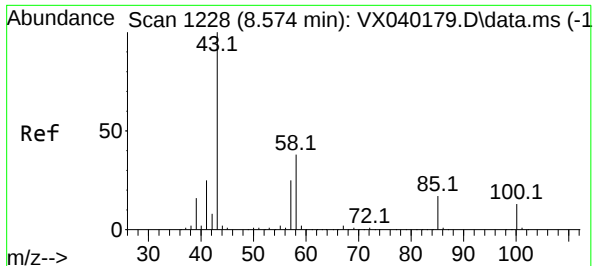
Tgt Ion:130 Resp: 28949
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4



#50
Toluene-d8
Concen: 46.228 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion: 98 Resp: 147902
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.467 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

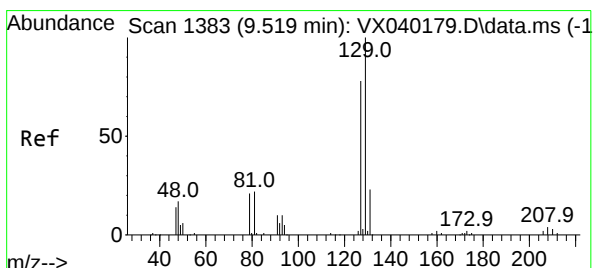
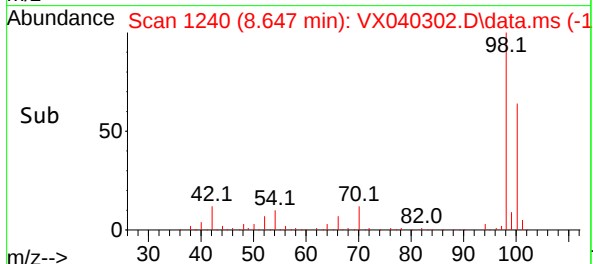
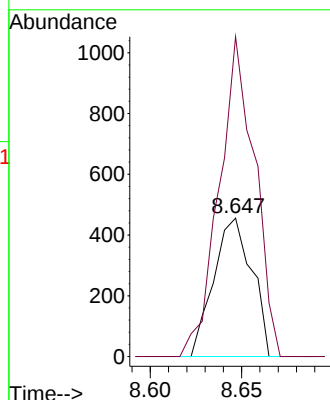
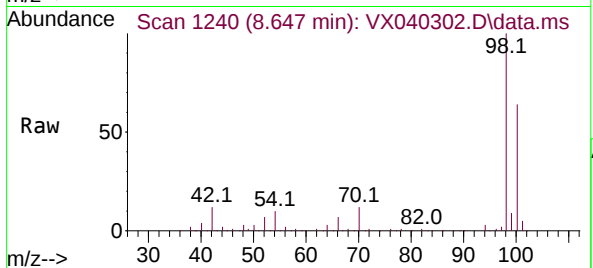
ClientSampleId :

Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

58 215.4 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.223 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.238 min

Lab File: VX040302.D

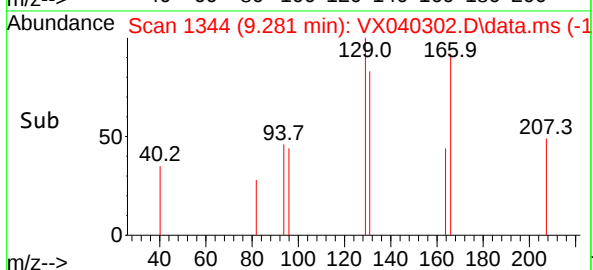
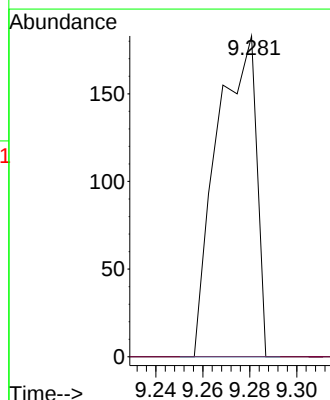
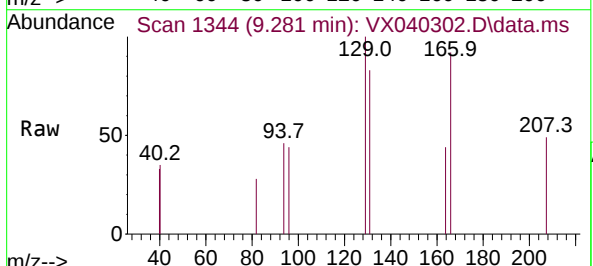
Acq: 17 Feb 2024 15:09

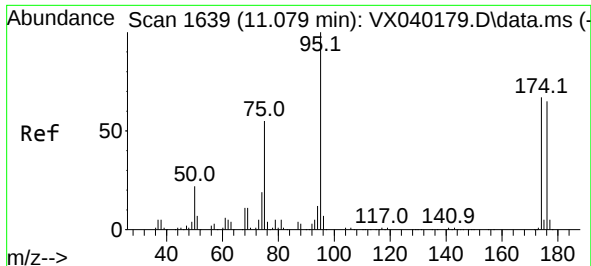
Tgt Ion: 129 Resp: 213

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

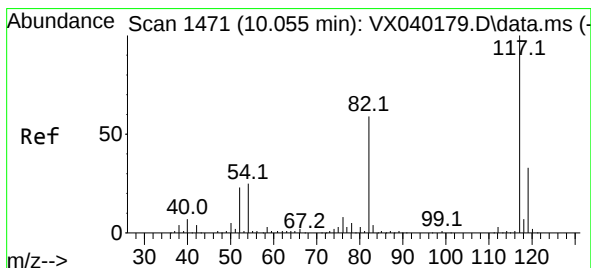
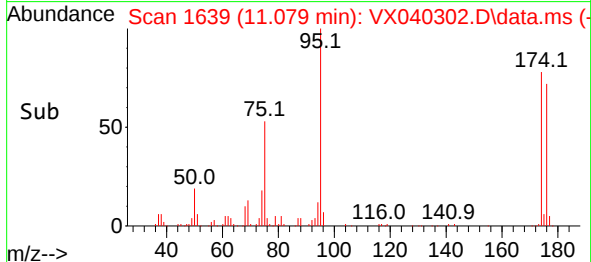
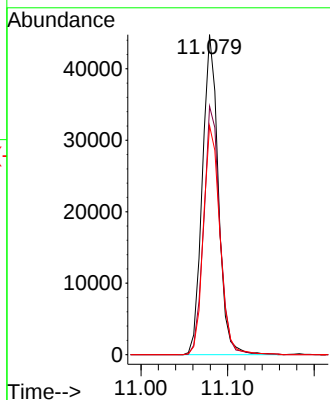
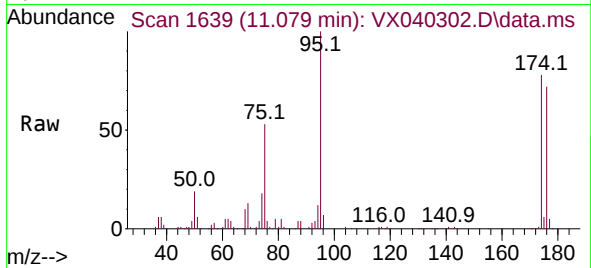




#62
4-Bromofluorobenzene
Concen: 43.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

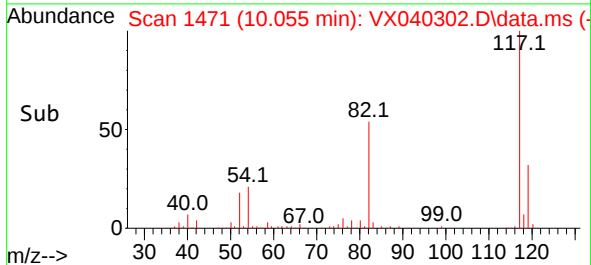
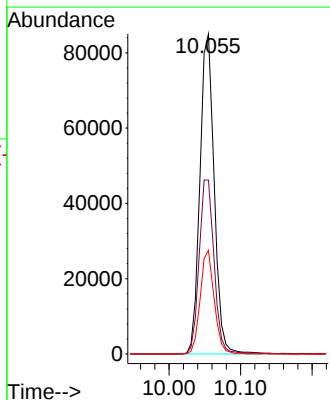
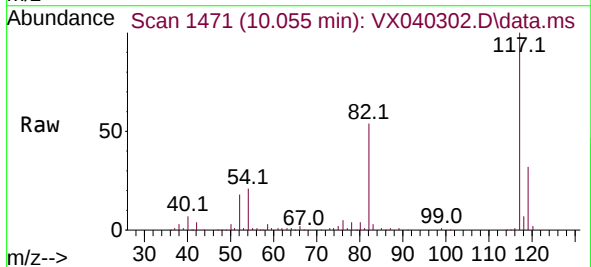
Instrument :
MSVOA_X
ClientSampleId :

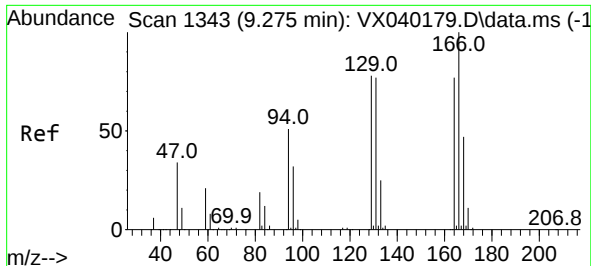
Tgt Ion: 95 Resp: 57257
Ion Ratio Lower Upper
95 100
174 78.5 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

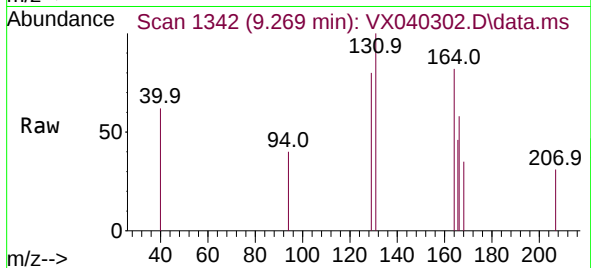
Tgt Ion: 117 Resp: 118319
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.4 25.5 38.3



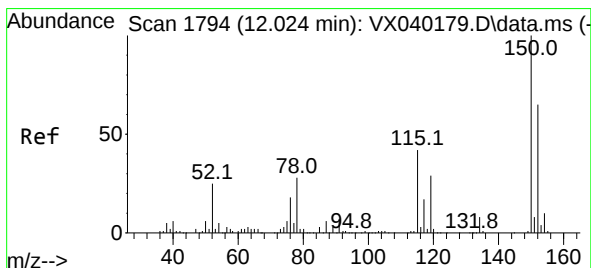
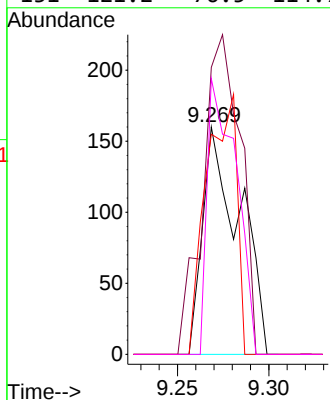
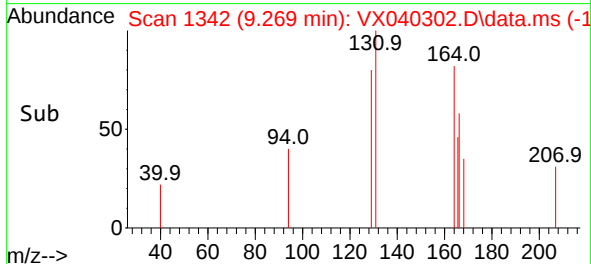


#64
Tetrachloroethene
Concen: 0.271 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

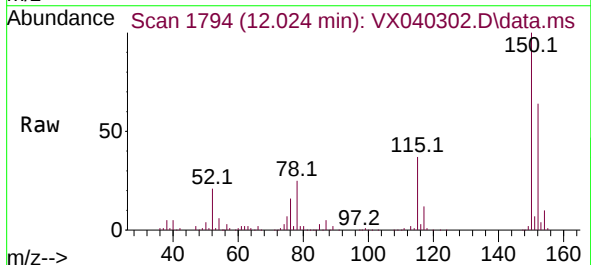
Instrument :
MSVOA_X
ClientSampleId :



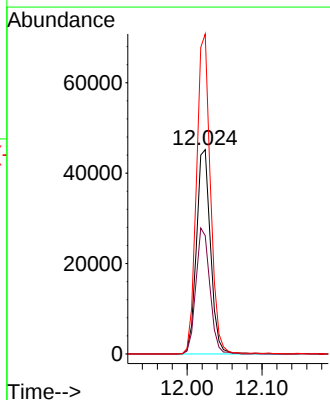
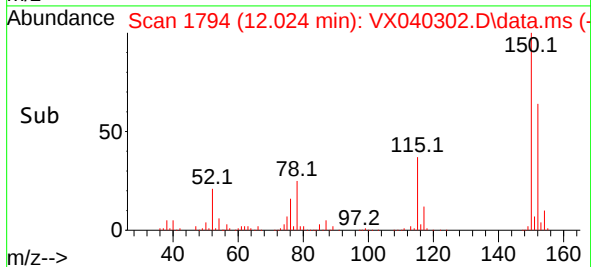
Tgt Ion:164 Resp: 225
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 96.9 80.4 120.6
131 121.2 76.5 114.7#

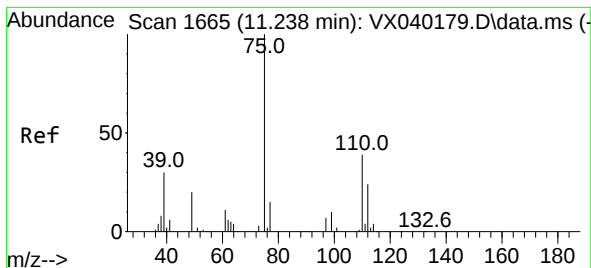


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09



Tgt Ion:152 Resp: 58923
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.732 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

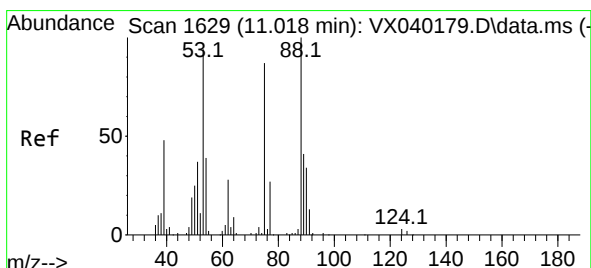
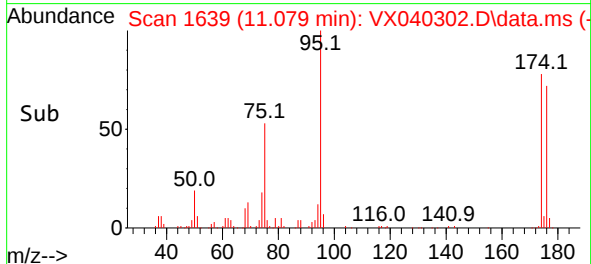
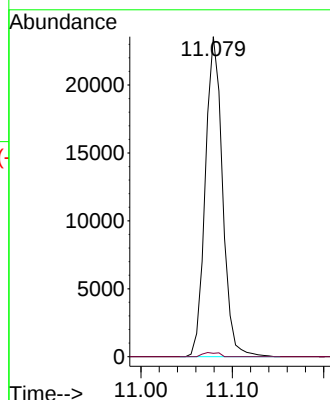
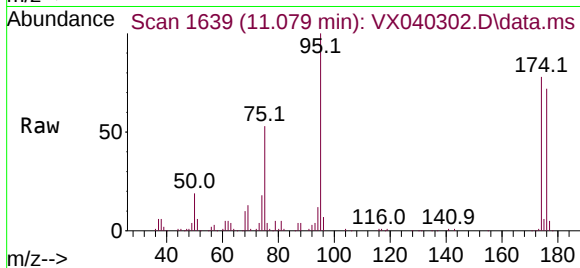
ClientSampleId :

Tgt Ion: 75 Resp: 30704

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.679 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Tgt Ion: 75 Resp: 30704

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

