

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025789.D
 Acq On : 14 Dec 2021 20:04
 Operator : JC/MD
 Sample : M4988-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 07:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

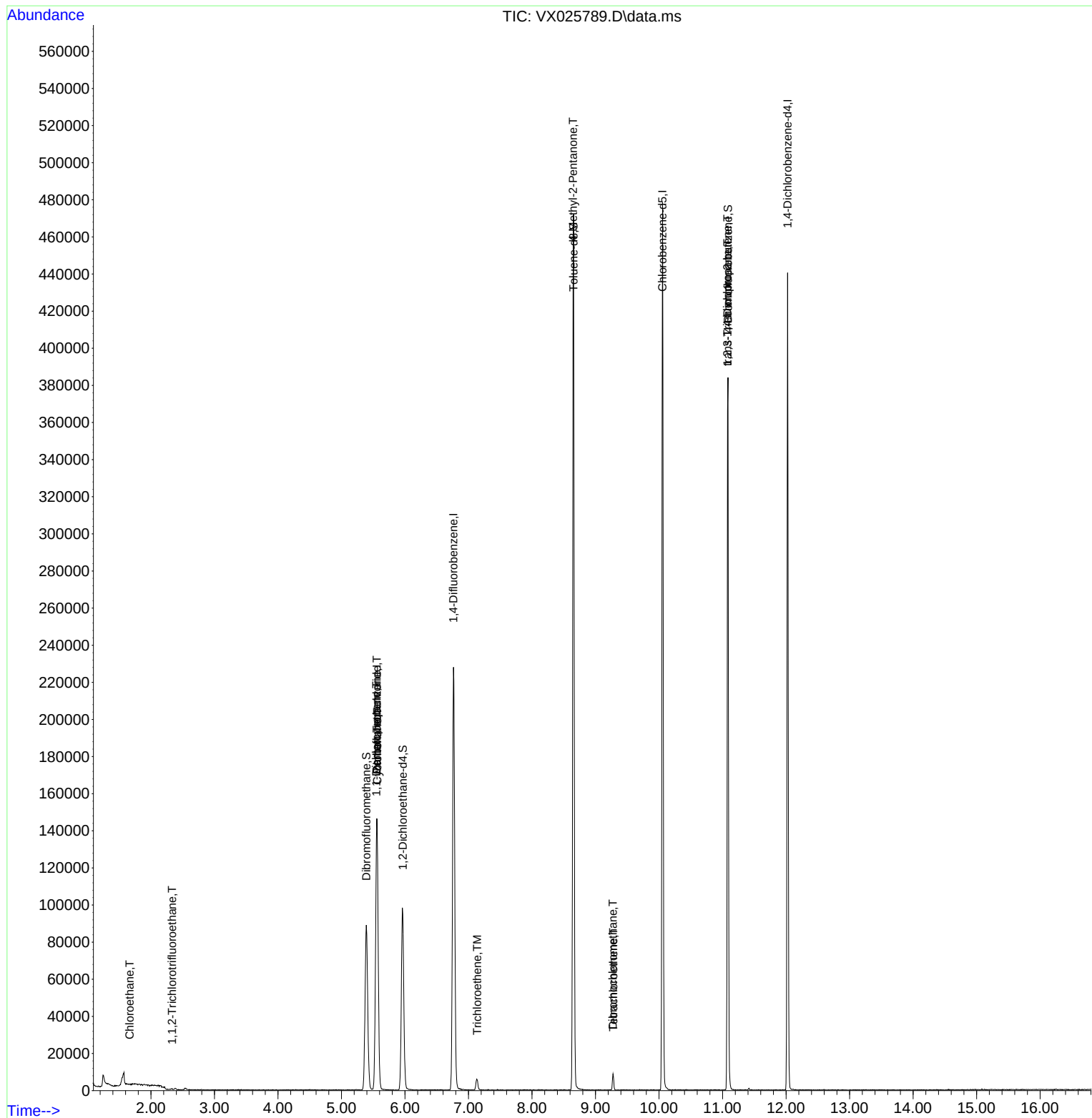
Internal Standards						
1) Pentafluorobenzene	5.556	168	135463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92302	47.357	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.391	113	77587	47.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.653	98	278924	46.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.480%
62) 4-Bromofluorobenzene	11.085	95	104965	46.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.620%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	669	0.550	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.331	101	346	0.240	ug/l #	22
16) Acetone	2.380	43	661	Below Cal	#	87
20) Methylene Chloride	2.782	84	47	Below Cal	#	7
31) Cyclohexane	5.562	56	2934	1.238	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10628	4.785	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14456	5.594	ug/l #	16
44) Trichloroethene	7.135	130	2502	1.357	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1261	0.485	ug/l #	1
60) Dibromochloromethane	9.275	129	1456	0.709	ug/l #	11
64) Tetrachloroethene	9.281	164	1622	0.953	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	52738	26.418	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52738	81.904	ug/l #	10

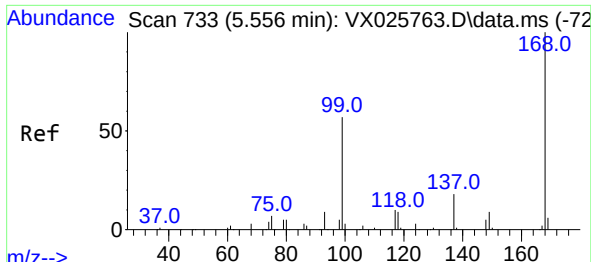
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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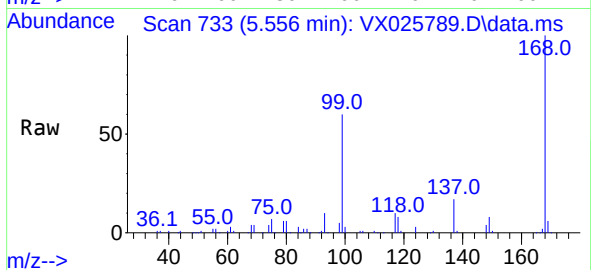
Quant Time: Dec 15 07:09:27 2021
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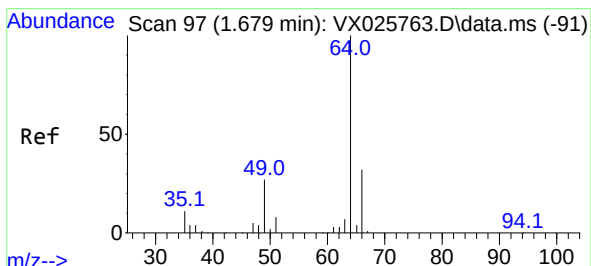
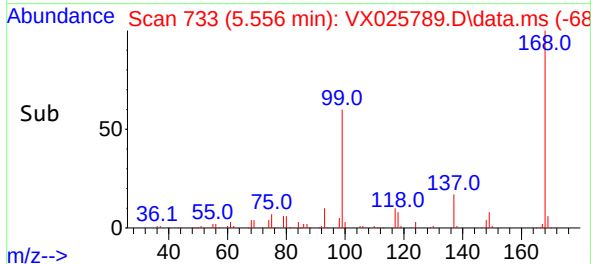
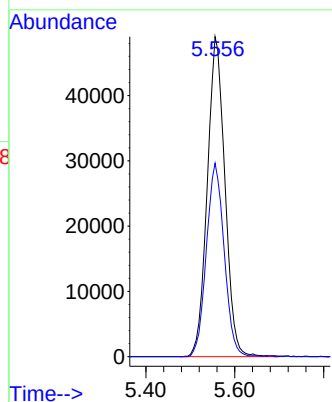


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Instrument :
MSVOA_X
ClientSampleId :

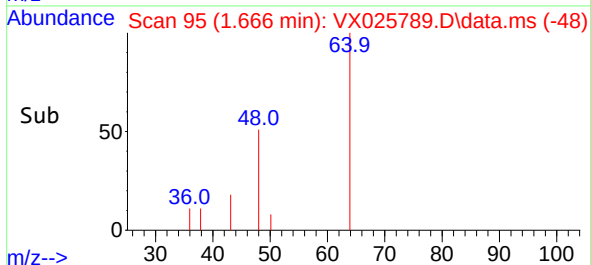
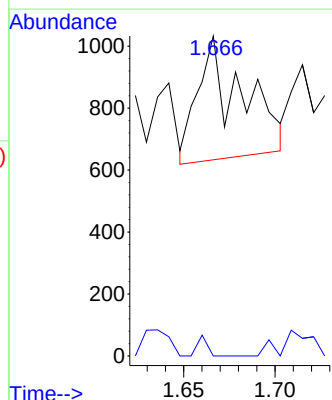
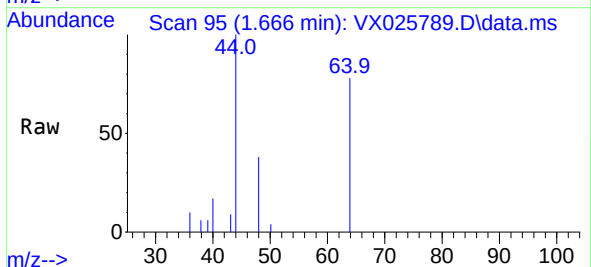


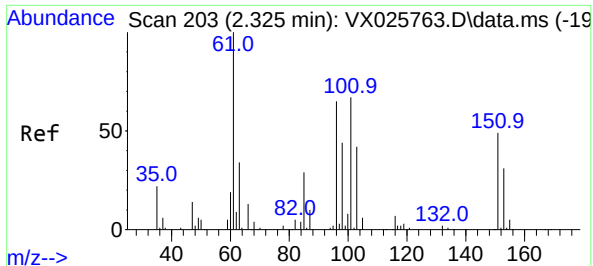
Tgt Ion:168 Resp: 135463
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.8



#6
Chloroethane
Concen: 0.550 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Tgt Ion: 64 Resp: 669
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

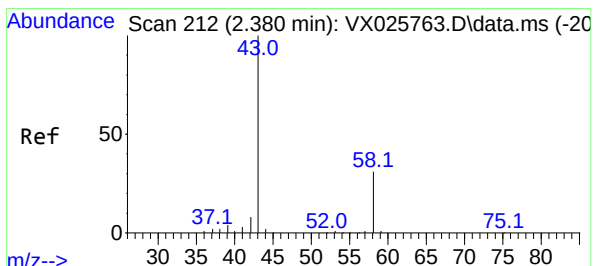
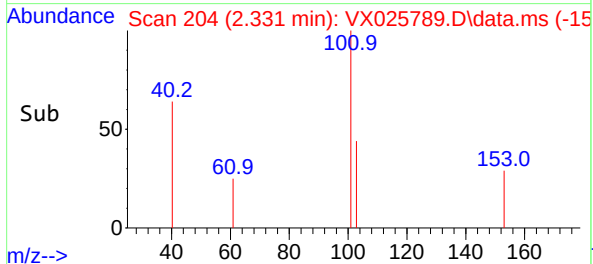
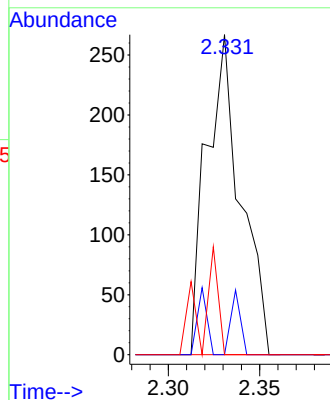
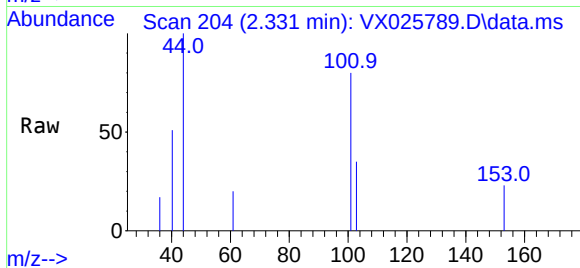




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.240 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

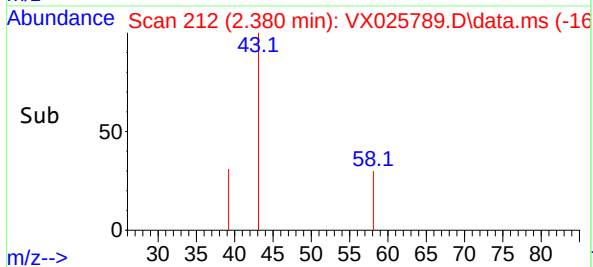
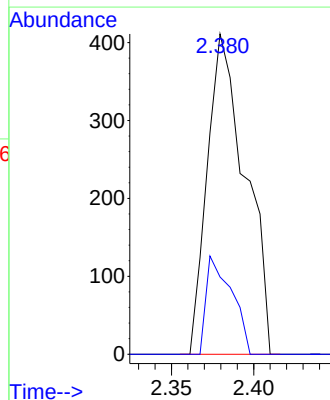
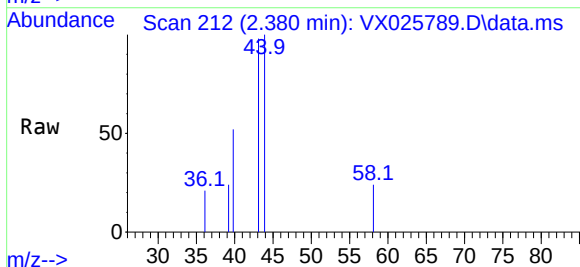
Instrument :
MSVOA_X
ClientSampleId :

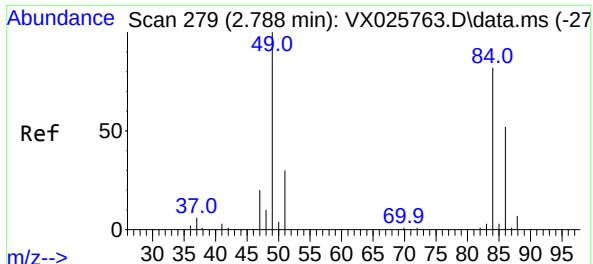
Tgt Ion:101 Resp: 346
Ion Ratio Lower Upper
101 100
85 5.8 36.5 54.7#
151 0.0 60.6 90.8#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

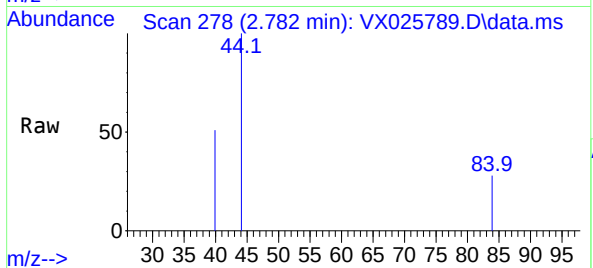
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 24.1 24.8 37.2#





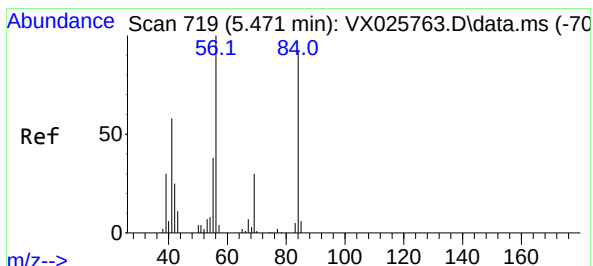
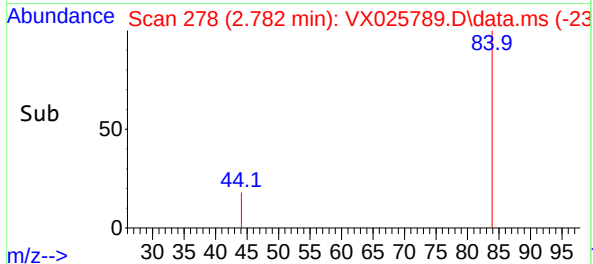
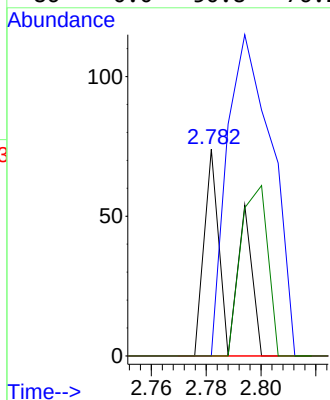
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 47

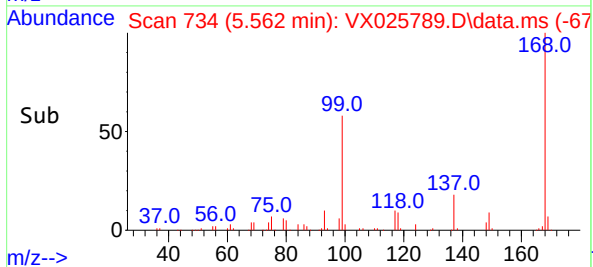
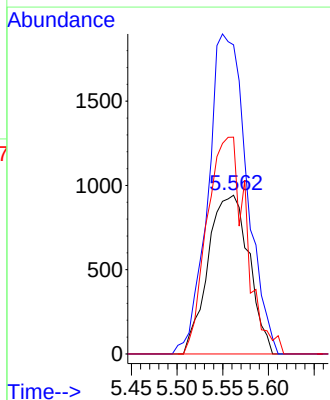
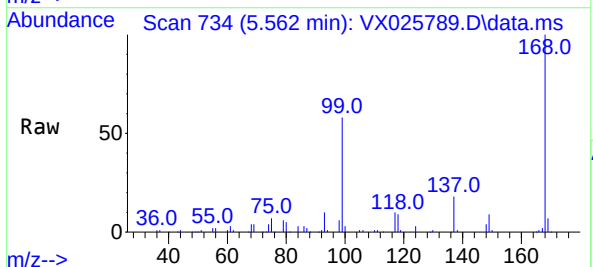
Ion	Ratio	Lower	Upper
84	100		
49	0.0	97.1	145.7#
51	0.0	29.3	43.9#
86	0.0	50.8	76.2#

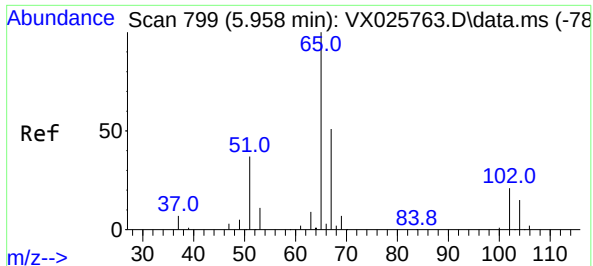


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Tgt Ion: 56 Resp: 2934

Ion	Ratio	Lower	Upper
56	100		
69	194.7	23.9	35.9#
84	136.6	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 47.357 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025789.D

Acq: 14 Dec 2021 20:04

Instrument :

MSVOA_X

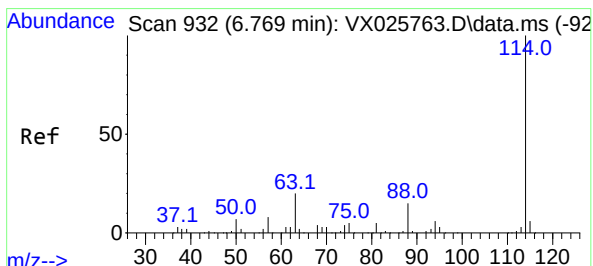
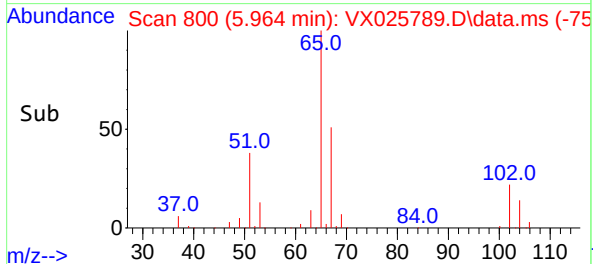
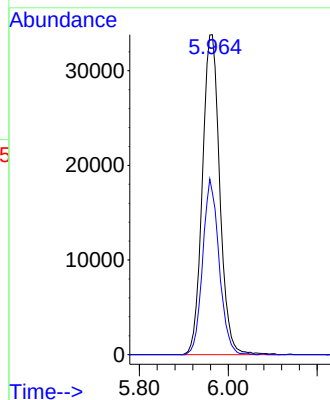
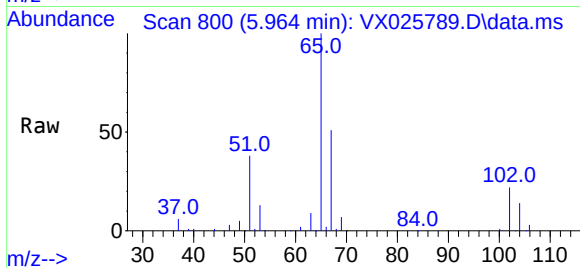
ClientSampleId :

Tgt Ion: 65 Resp: 92302

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025789.D

Acq: 14 Dec 2021 20:04

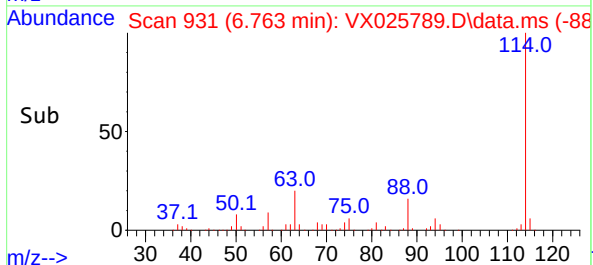
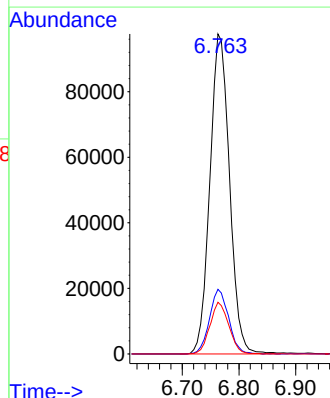
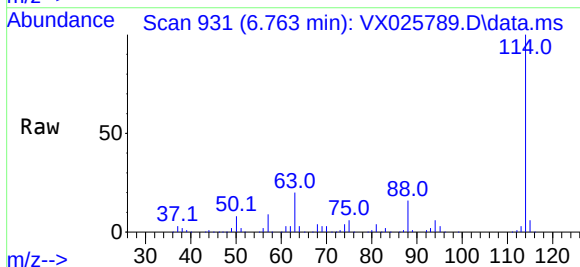
Tgt Ion: 114 Resp: 234826

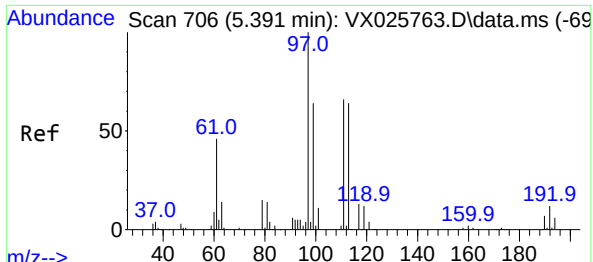
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.376 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

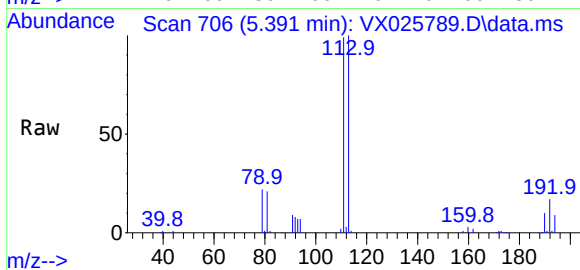
Lab File: VX025789.D

Acq: 14 Dec 2021 20:04

Instrument :

MSVOA_X

ClientSampleId :



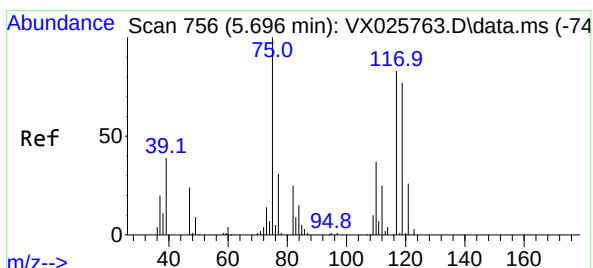
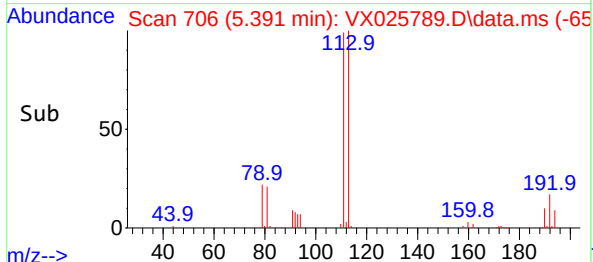
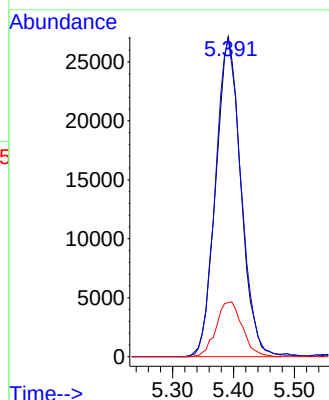
Tgt Ion:113 Resp: 77587

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

192 17.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.785 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX025789.D

Acq: 14 Dec 2021 20:04

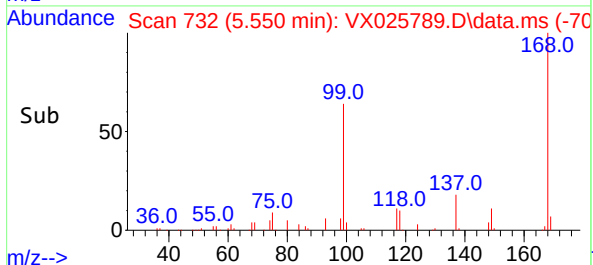
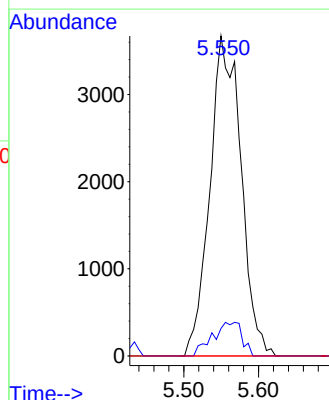
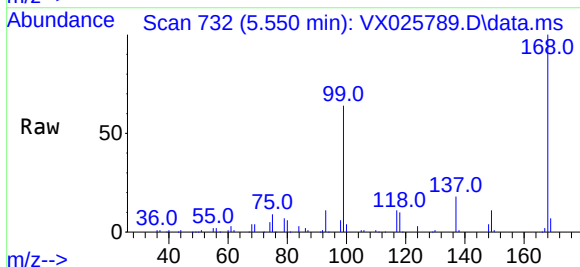
Tgt Ion: 75 Resp: 10628

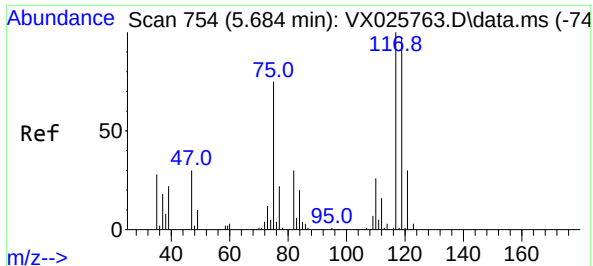
Ion Ratio Lower Upper

75 100

110 10.0 18.2 54.6#

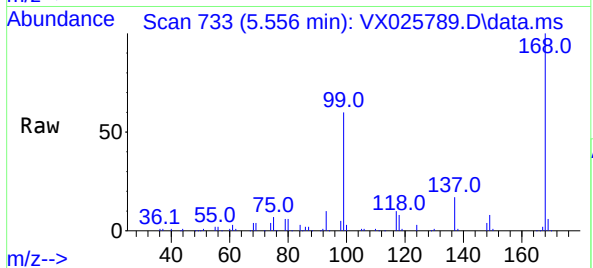
77 0.0 24.7 37.1#



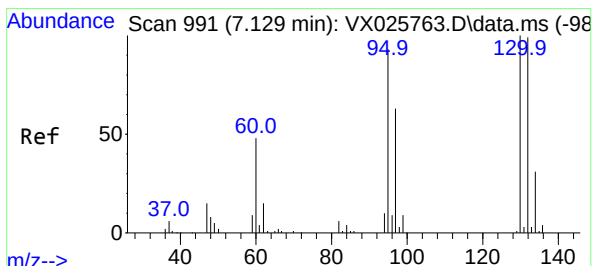
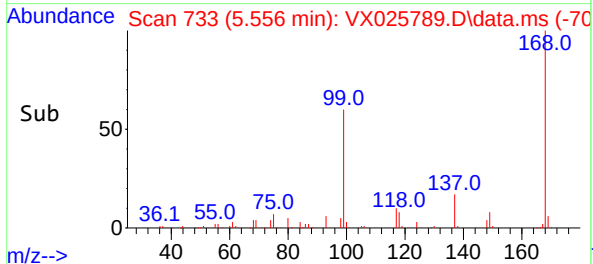
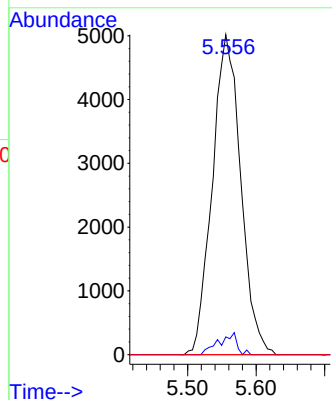


#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Instrument :
MSVOA_X
ClientSampleId :

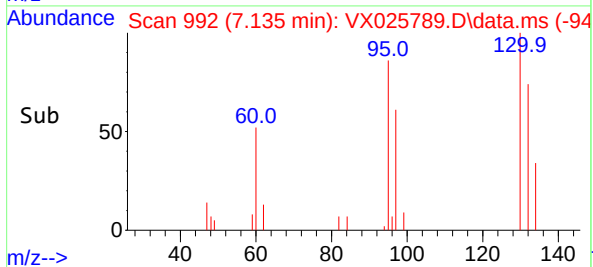
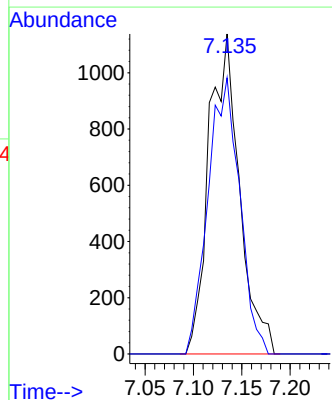
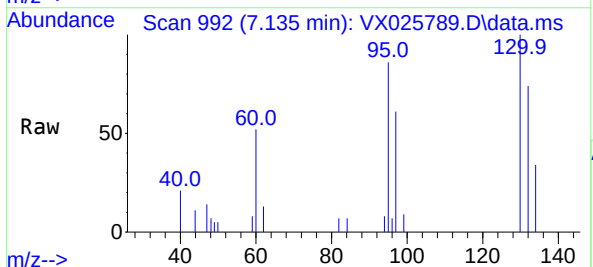


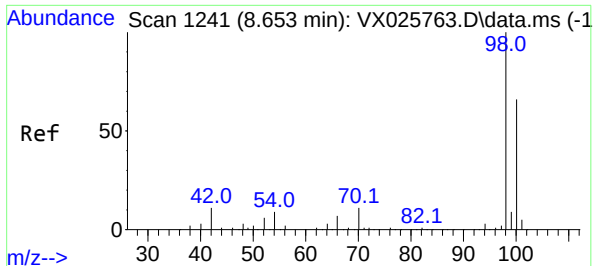
Tgt Ion:117 Resp: 14456
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 23.8 35.8#



#44
Trichloroethene
Concen: 1.357 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Tgt Ion:130 Resp: 2502
Ion Ratio Lower Upper
130 100
95 86.3 0.0 186.4

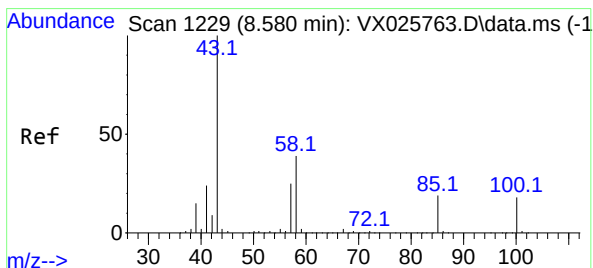
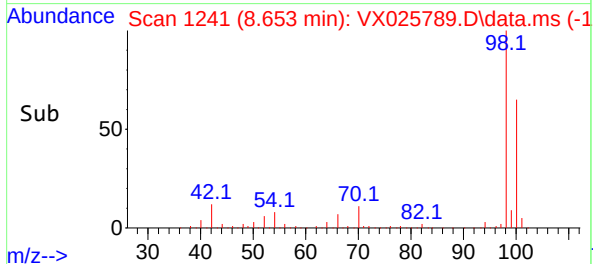
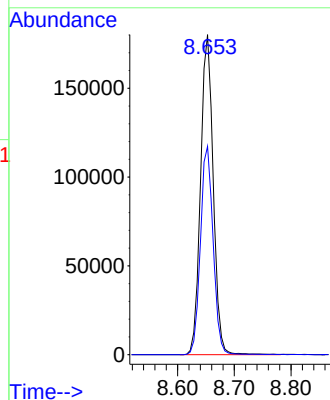
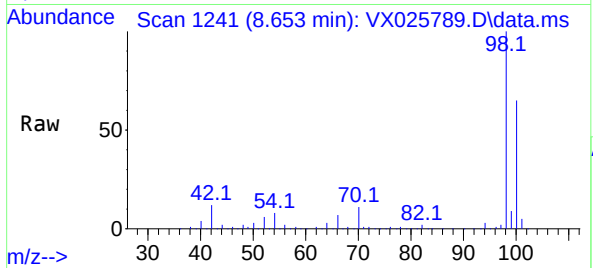




#50
Toluene-d8
Concen: 46.744 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

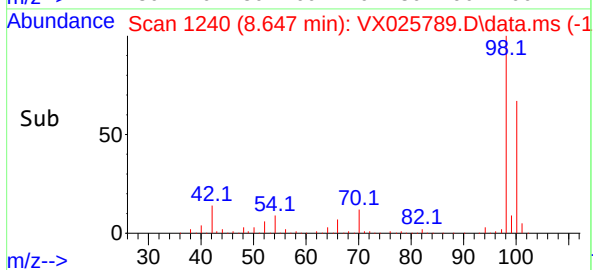
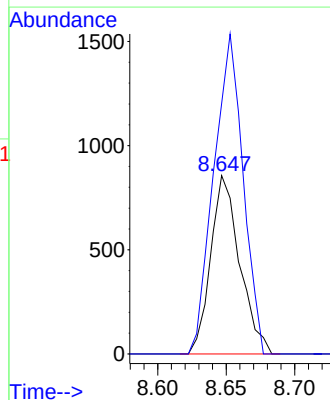
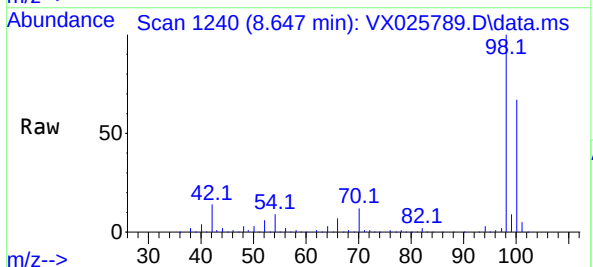
Instrument :
MSVOA_X
ClientSampleId :

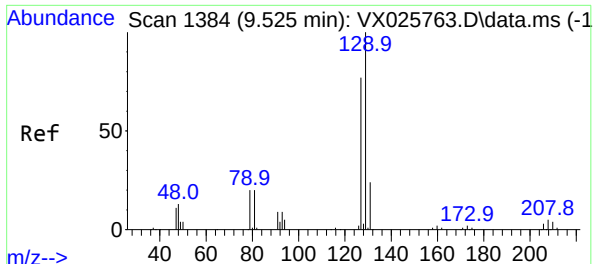
Tgt Ion: 98 Resp: 278924
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 181.2 30.8 46.2#

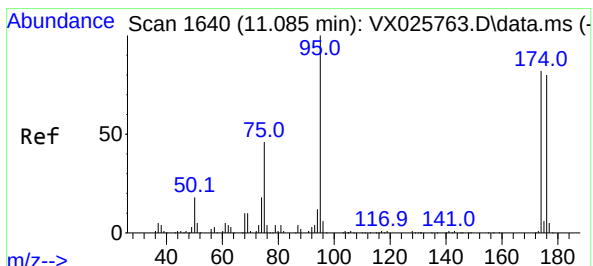
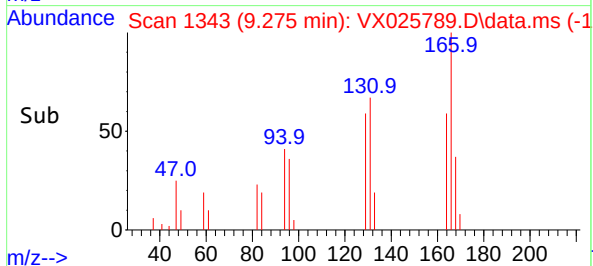
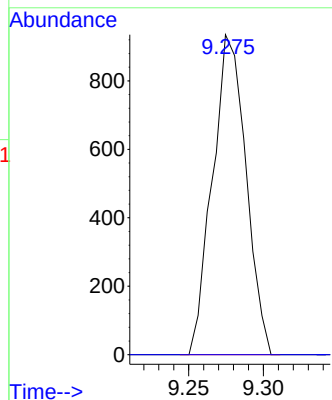
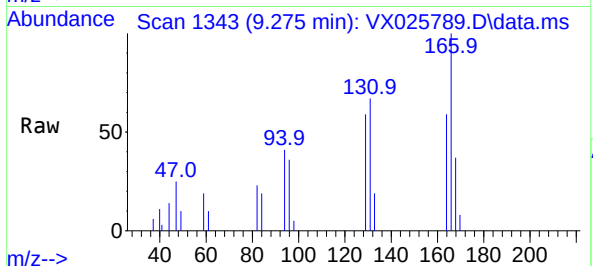




#60
Dibromochloromethane
Concen: 0.709 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

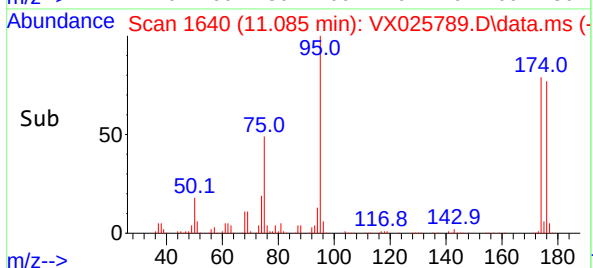
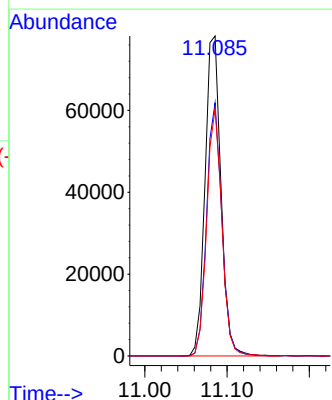
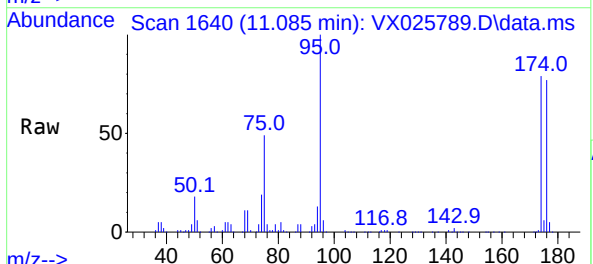
Instrument :
MSVOA_X
ClientSampleId :

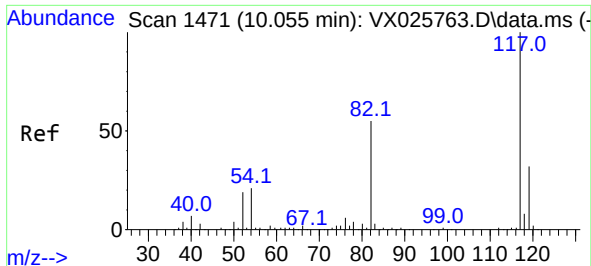
Tgt Ion:129 Resp: 1456
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 46.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Tgt Ion: 95 Resp: 104965
Ion Ratio Lower Upper
95 100
174 76.1 0.0 157.4
176 73.6 0.0 154.6

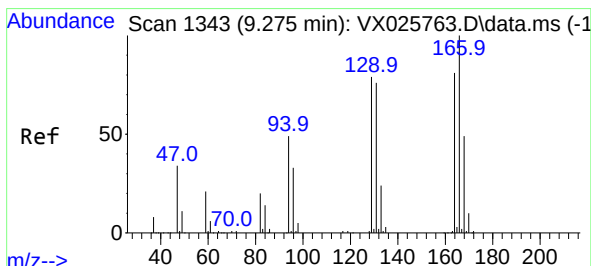
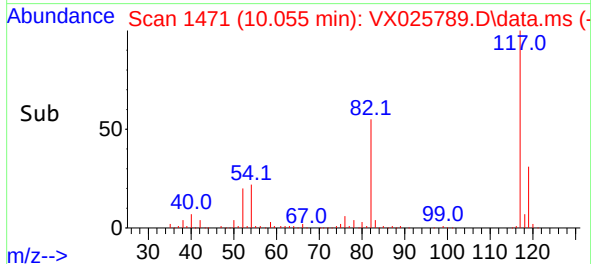
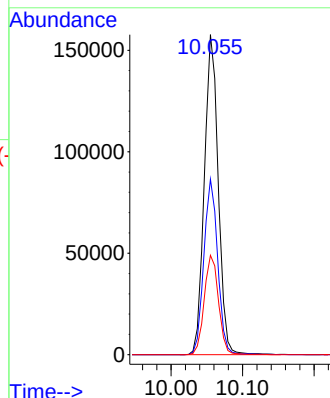
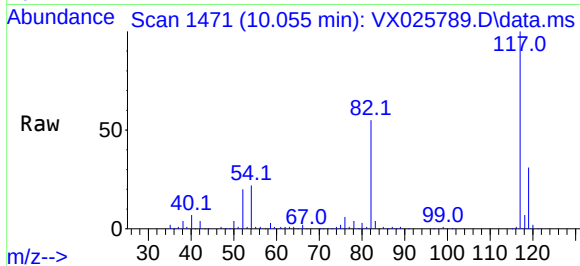




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

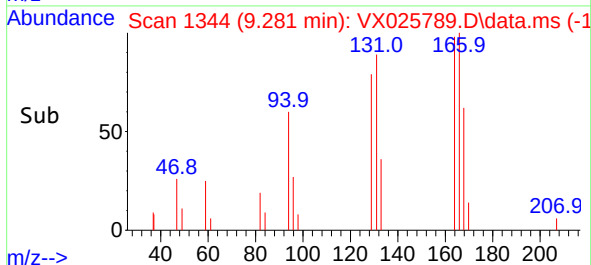
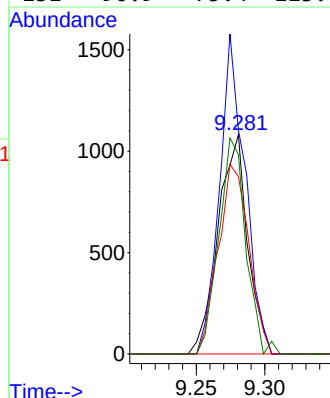
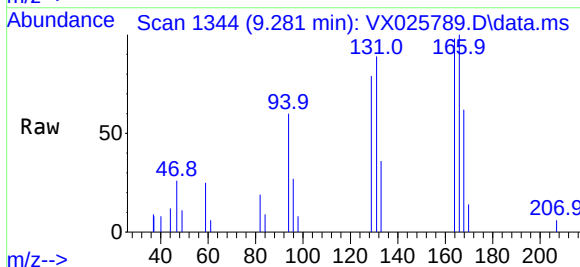
Instrument :
MSVOA_X
ClientSampleId :

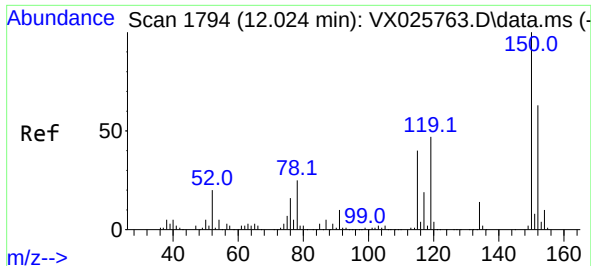
Tgt Ion:117 Resp: 213395
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.6
119 31.1 25.2 37.8



#64
Tetrachloroethene
Concen: 0.953 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

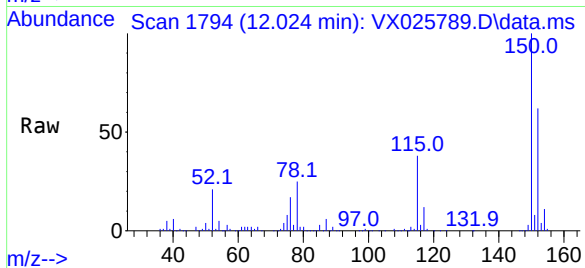
Tgt Ion:164 Resp: 1622
Ion Ratio Lower Upper
164 100
166 102.0 99.4 149.0
129 80.8 78.6 118.0
131 90.9 75.4 113.0



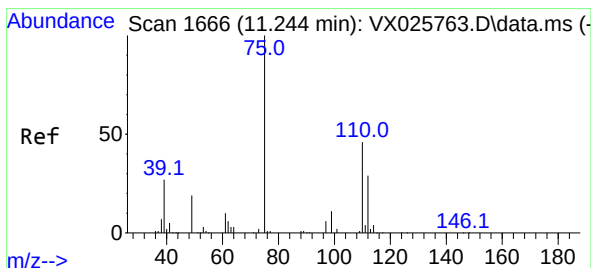
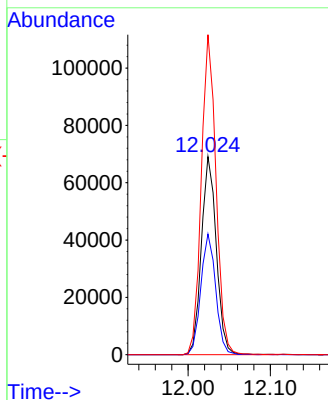
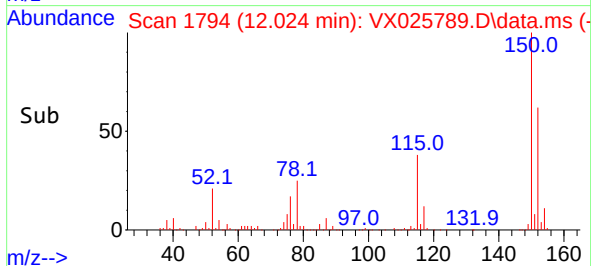


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

Instrument :
MSVOA_X
ClientSampleId :

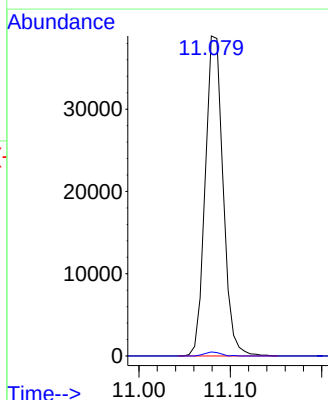
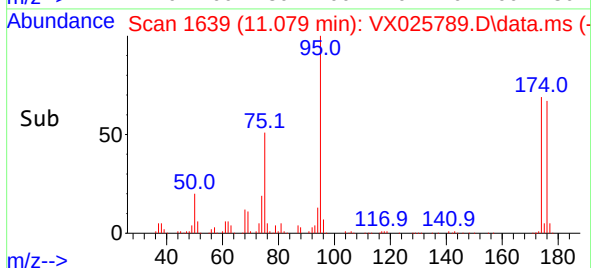
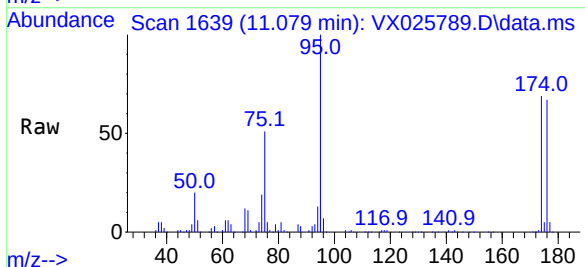


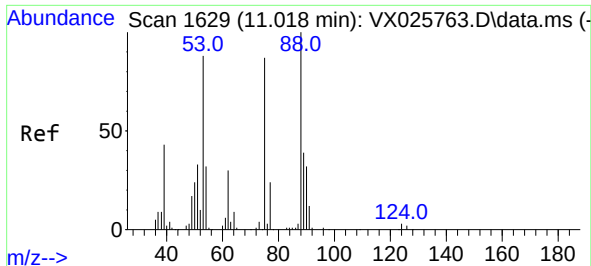
Tgt Ion:152 Resp: 87128
Ion Ratio Lower Upper
152 100
115 60.7 41.3 123.9
150 159.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025789.D
Acq: 14 Dec 2021 20:04

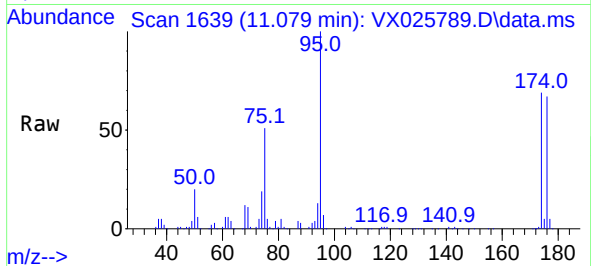
Tgt Ion: 75 Resp: 52738
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.904 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX025789.D
 Acq: 14 Dec 2021 20:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52738
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

