

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033014.D
 Acq On : 23 Nov 2022 13:07
 Operator : JC/MD
 Sample : N5730-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20221117DL

Quant Time: Nov 24 04:05:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

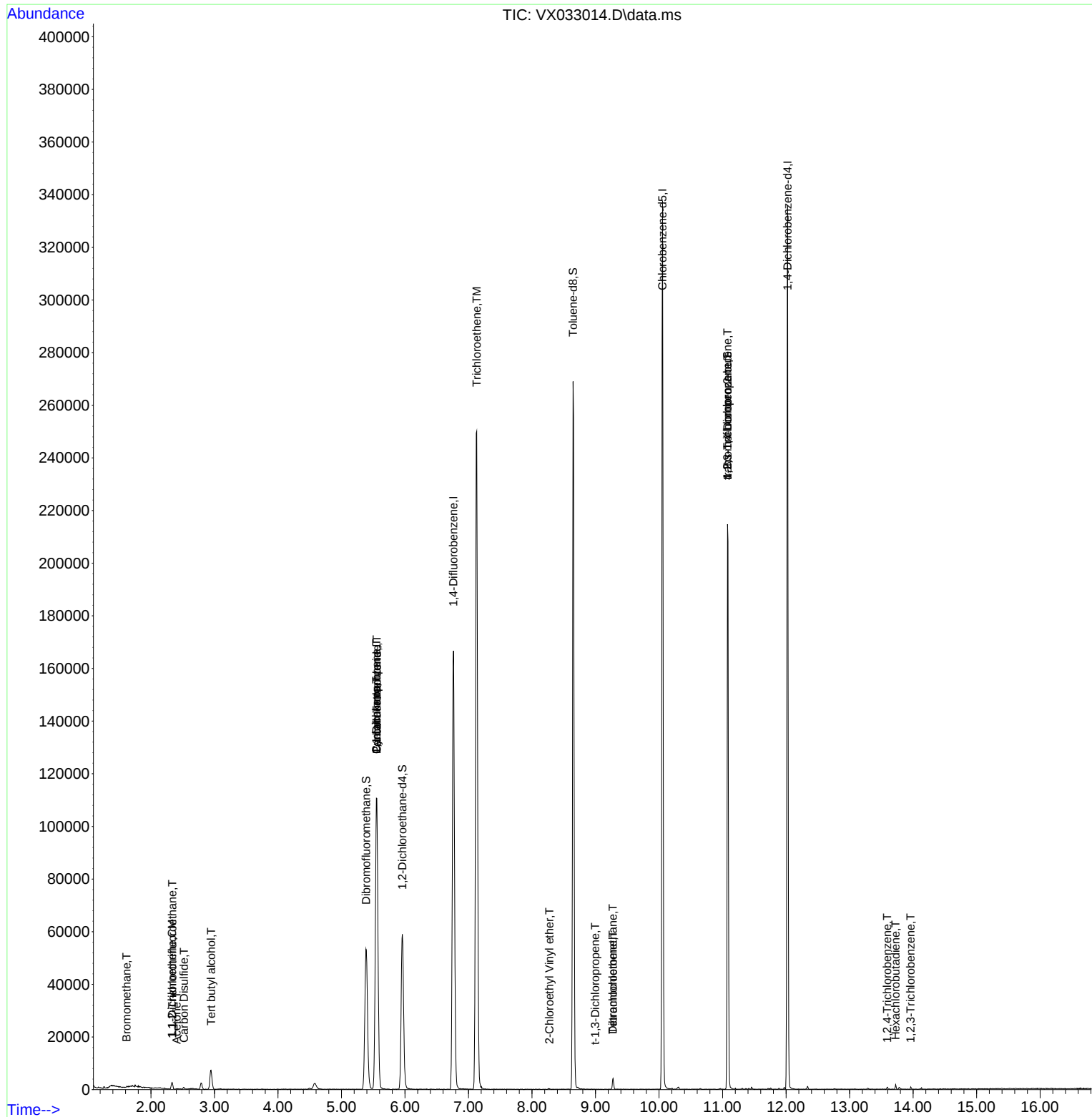
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	105396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60166	58.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.960%#
35) Dibromofluoromethane	5.385	113	47087	49.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	160019	55.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.460%
62) 4-Bromofluorobenzene	11.079	95	57272	45.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.960%
Target Compounds						Qvalue
5) Bromomethane	1.617	94	157	0.219	ug/l #	75
9) 1,1,2-Trichlorotrifluo...	2.337	101	875	0.886	ug/l	93
11) Tert butyl alcohol	2.946	59	4494	27.621	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	222	0.241	ug/l	97
16) Acetone	2.404	43	280	0.584	ug/l #	45
17) Carbon Disulfide	2.520	76	882	0.347	ug/l #	74
20) Methylene Chloride	2.788	84	1206	Below Cal		88
31) Cyclohexane	5.550	56	2345	1.410	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	8291	5.409	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11236	6.608	ug/l #	15
44) Trichloroethene	7.129	130	96593	80.096	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	55	1.548	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.275	63	152	0.202	ug/l #	69
60) Dibromochloromethane	9.275	129	855	0.690	ug/l #	11
64) Tetrachloroethene	9.275	164	889	0.846	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	30455	23.463	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30455	76.267	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	290	0.214	ug/l #	55
94) Hexachlorobutadiene	13.725	225	389	0.651	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	301	0.222	ug/l	86

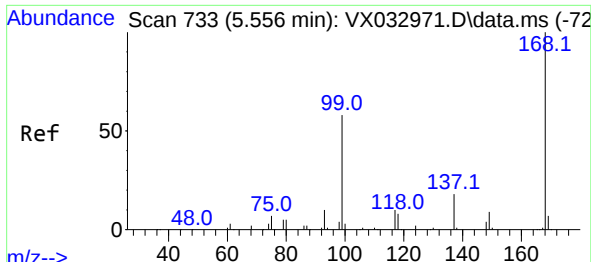
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
RW4-20221117DL

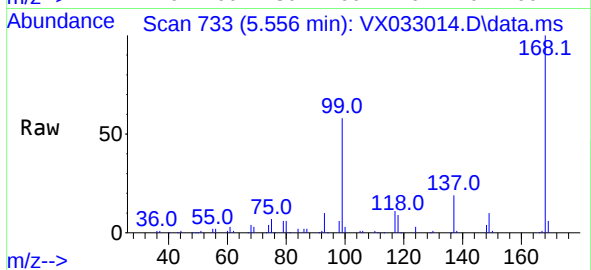
Quant Time: Nov 24 04:05:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
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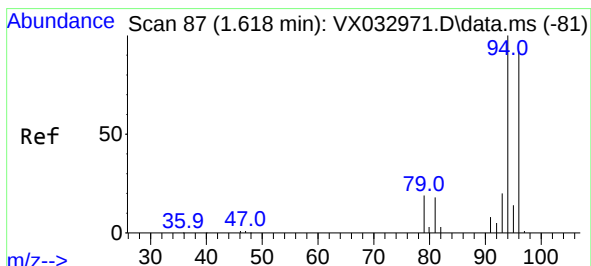
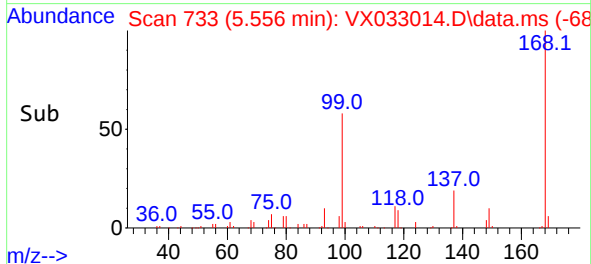
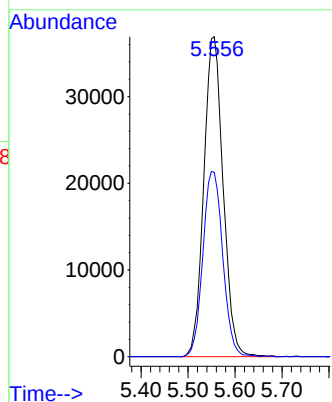


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

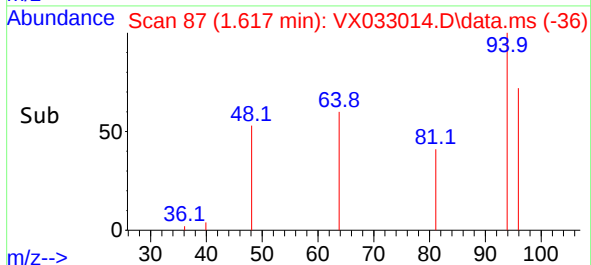
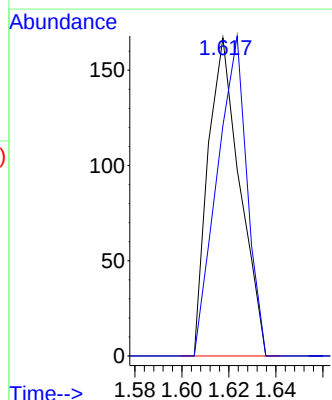
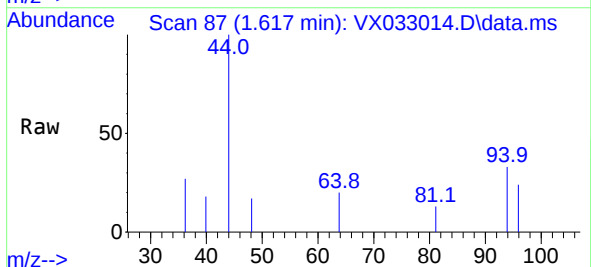


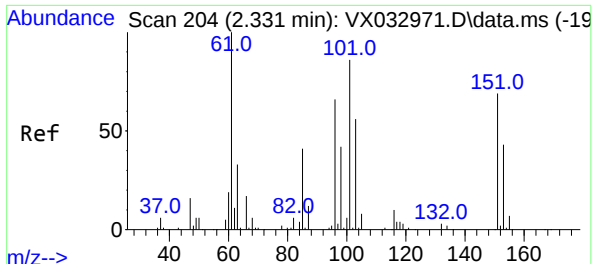
Tgt Ion:168 Resp: 105396
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#5
Bromomethane
Concen: 0.219 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 72.5 77.6 116.4#

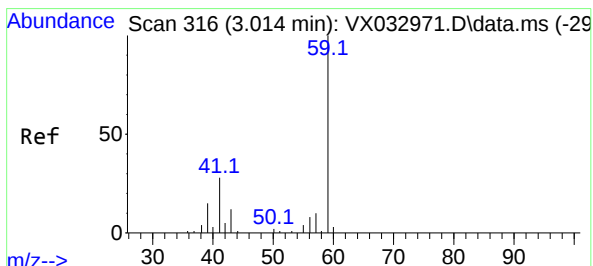
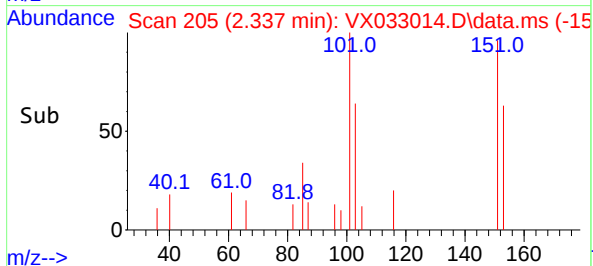
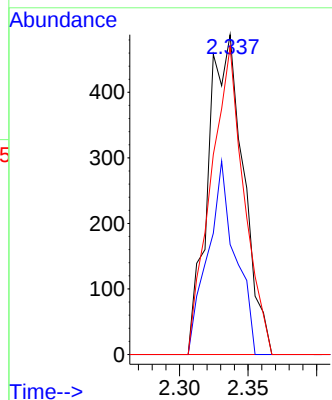
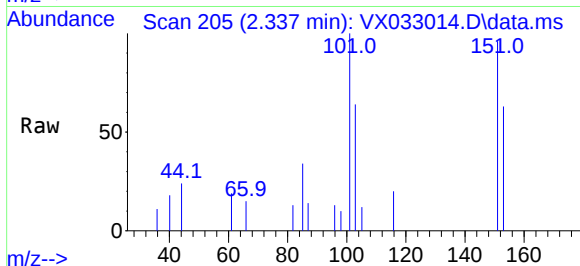




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.886 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

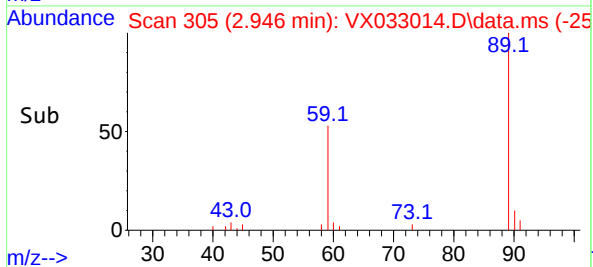
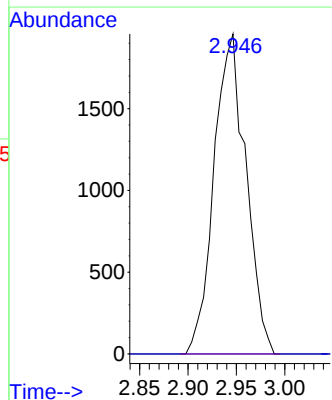
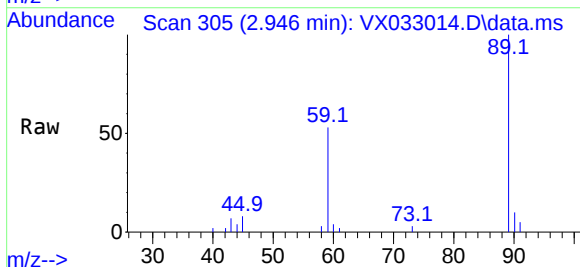
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

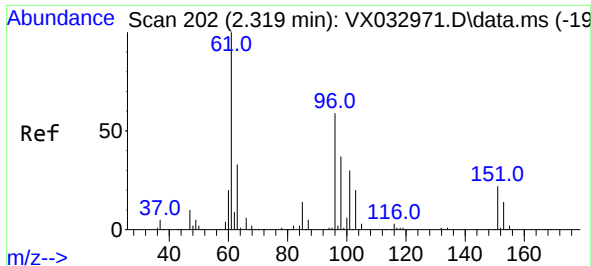
Tgt Ion:101 Resp: 875
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.4
151 90.2 64.4 96.6



#11
Tert butyl alcohol
Concen: 27.621 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

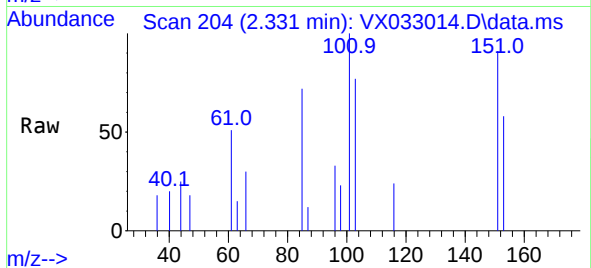
Tgt Ion: 59 Resp: 4494
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





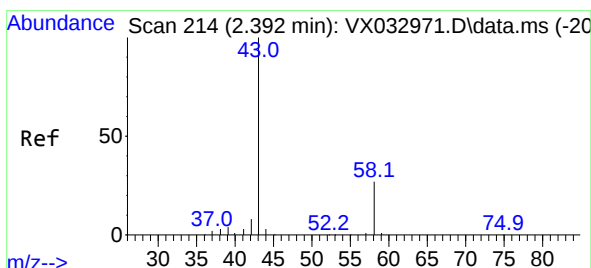
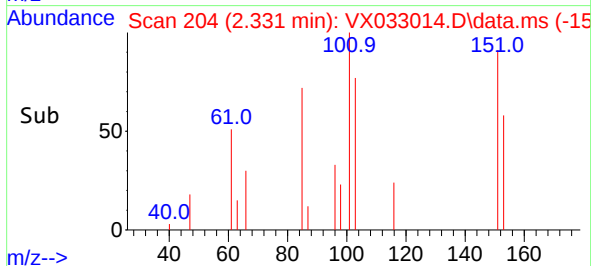
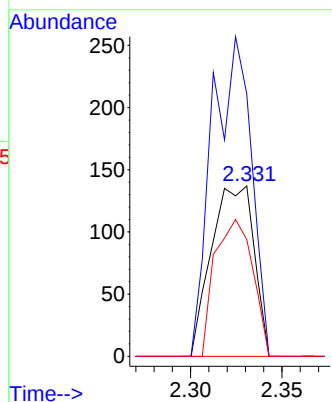
#12
1,1-Dichloroethene
Concen: 0.241 ug/l
RT: 2.331 min Scan# 202
Delta R.T. 0.012 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL



Tgt Ion: 96 Resp: 222

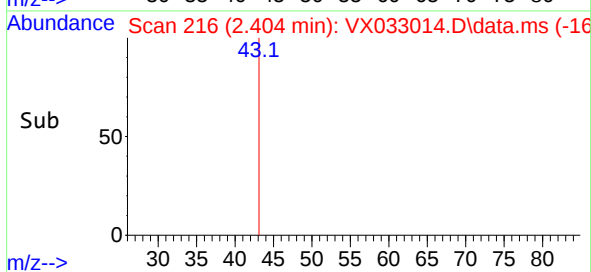
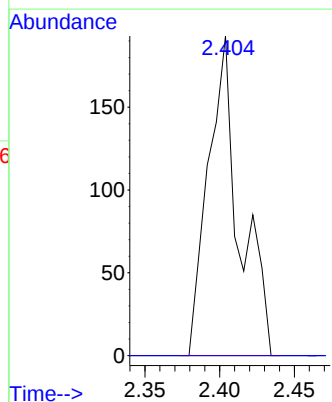
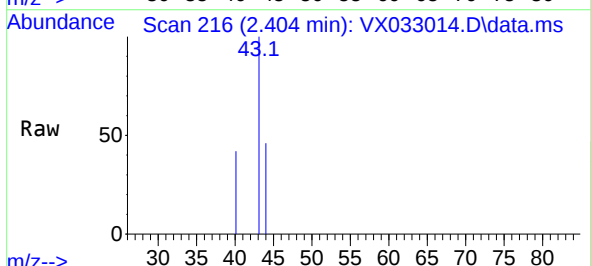
Ion	Ratio	Lower	Upper
96	100		
61	154.0	125.1	187.7
98	68.6	50.6	76.0

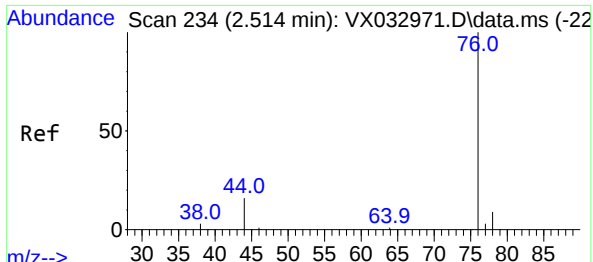


#16
Acetone
Concen: 0.584 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 43 Resp: 280

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.8

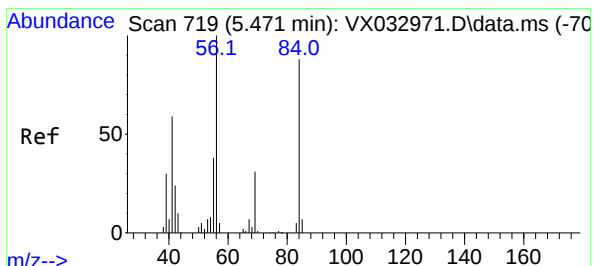
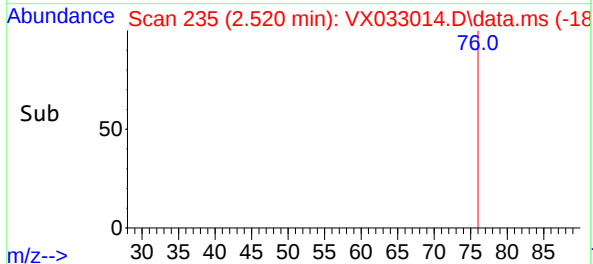
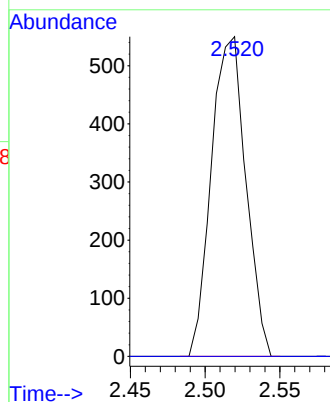
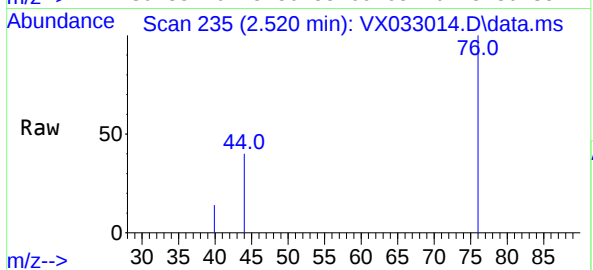




#17
Carbon Disulfide
Concen: 0.347 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

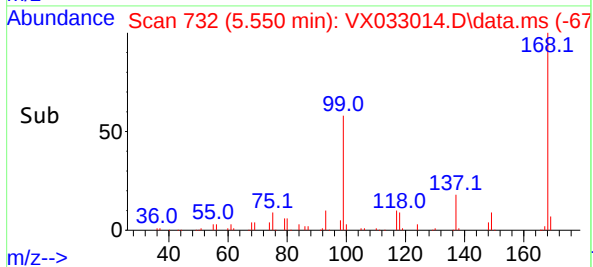
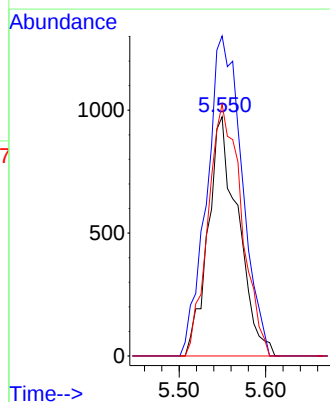
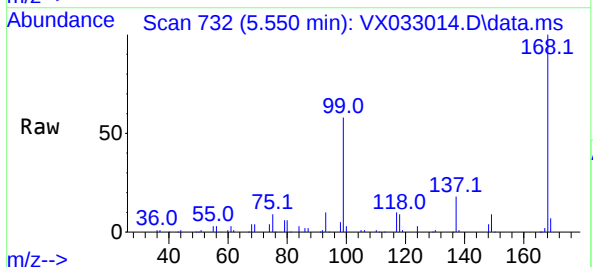
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

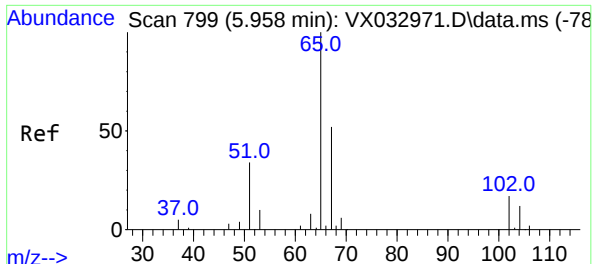
Tgt Ion: 76 Resp: 882
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 56 Resp: 2345
Ion Ratio Lower Upper
56 100
69 133.8 24.1 36.1#
84 105.3 66.9 100.3#

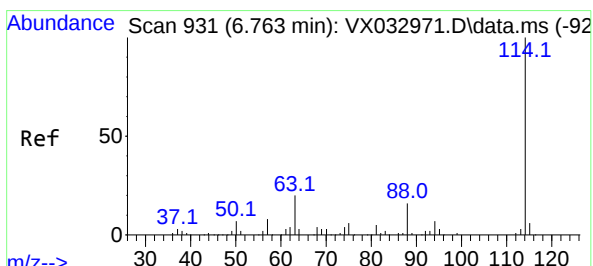
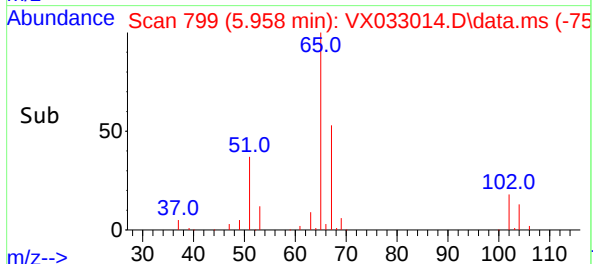
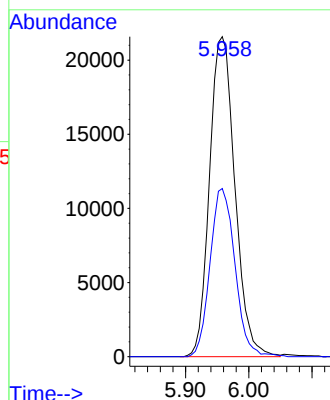
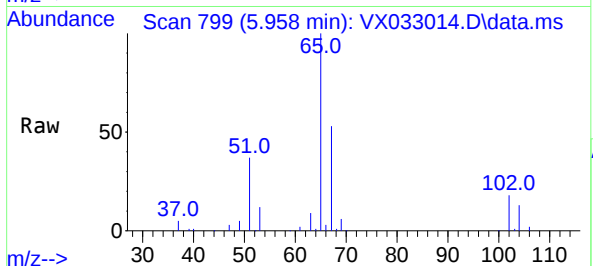




#33
1,2-Dichloroethane-d4
Concen: 58.983 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

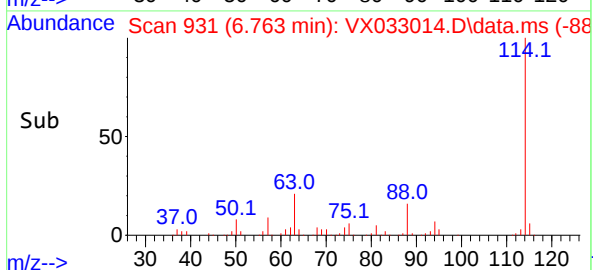
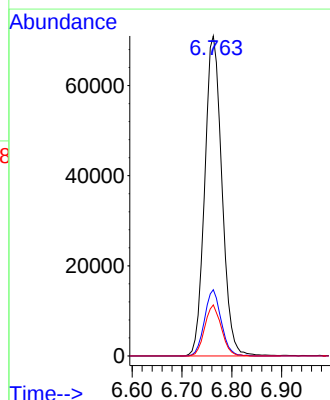
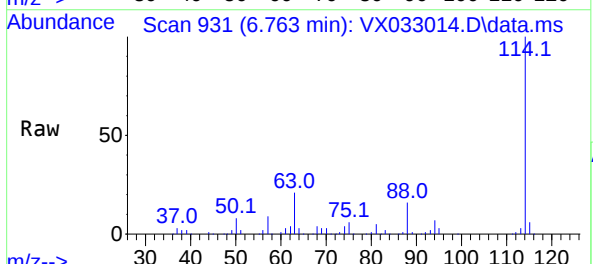
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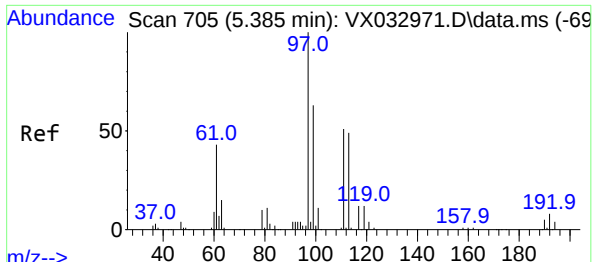
Tgt Ion: 65 Resp: 60166
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

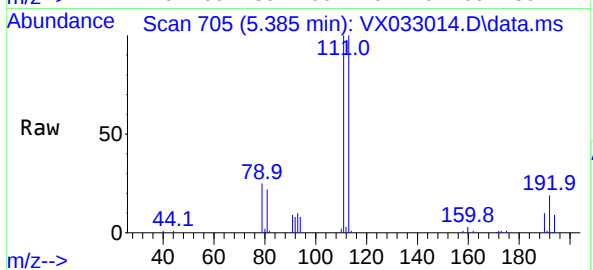
Tgt Ion: 114 Resp: 170043
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 16.0 0.0 33.4



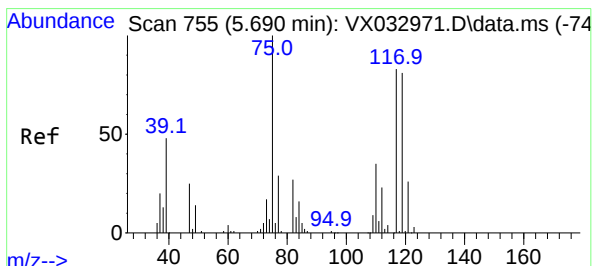
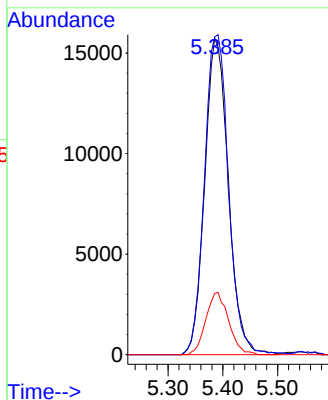
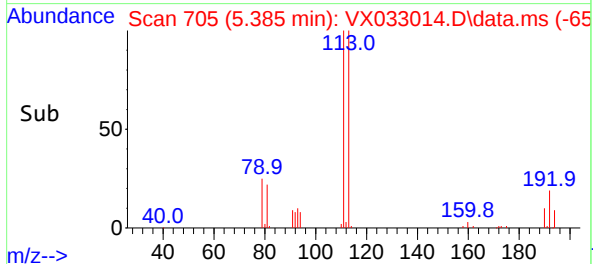


#35
Dibromofluoromethane
Concen: 49.119 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

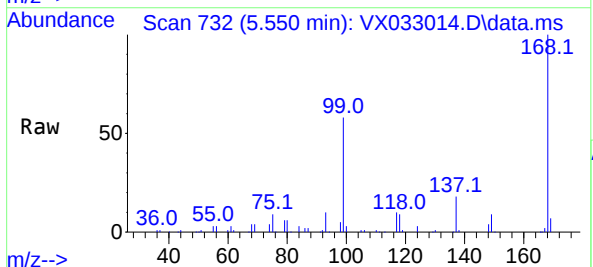
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ClientSampleId :
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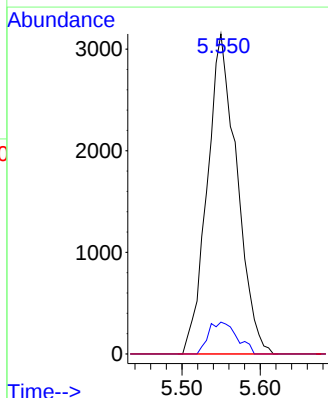
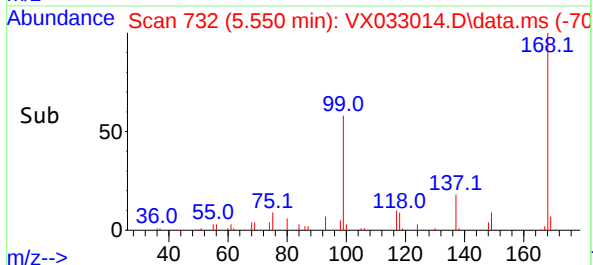
Tgt Ion:113 Resp: 47087
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.0 15.4 23.2

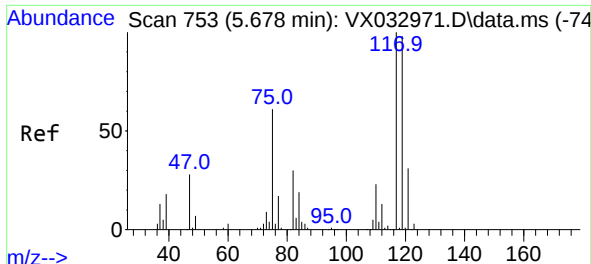


#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07



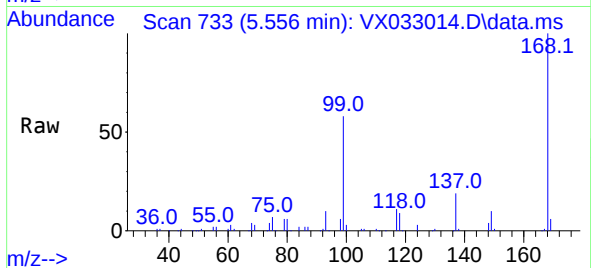
Tgt Ion: 75 Resp: 8291
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



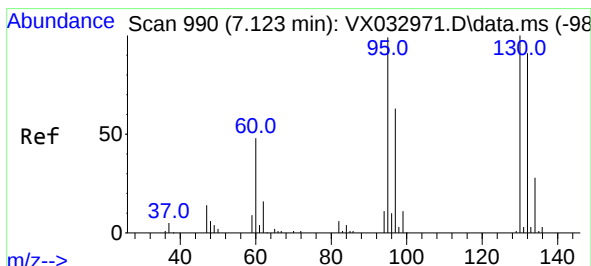
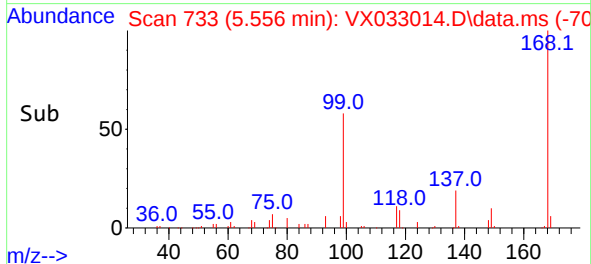
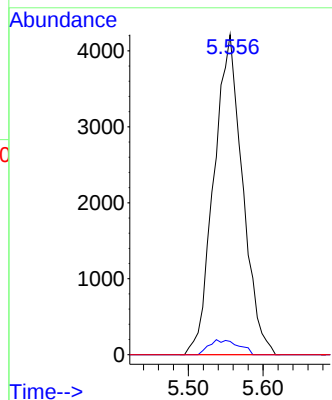


#38
Carbon Tetrachloride
Concen: 6.608 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

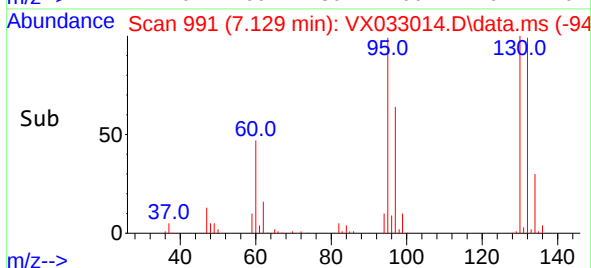
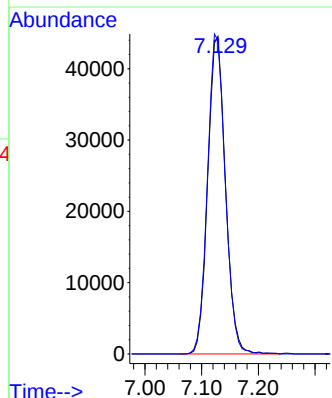
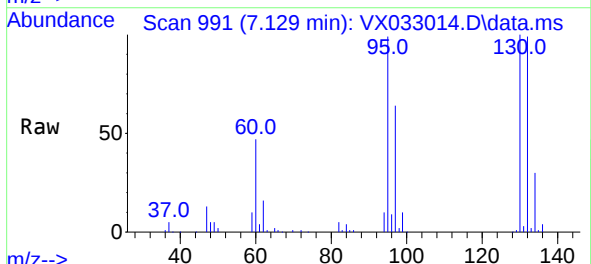


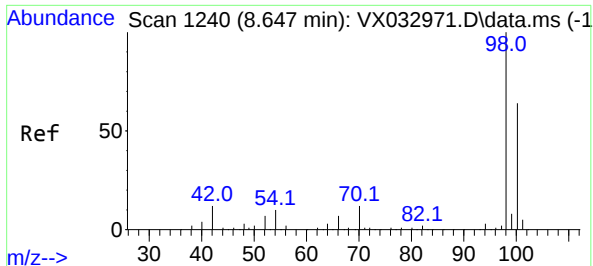
Tgt Ion:117 Resp: 11236
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 80.096 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion:130 Resp: 96593
Ion Ratio Lower Upper
130 100
95 98.7 0.0 195.2

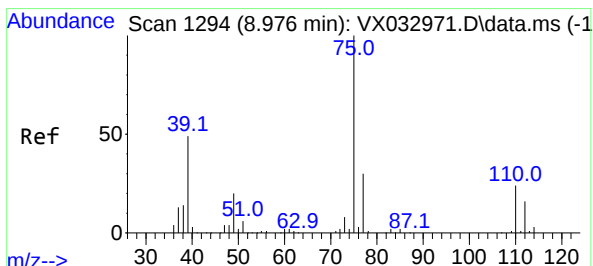
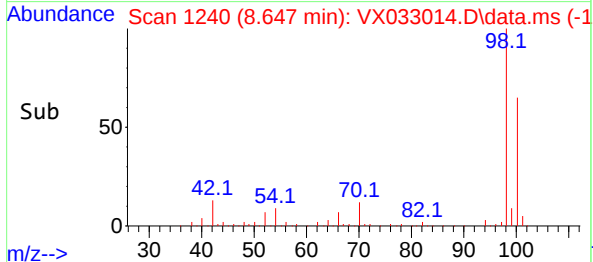
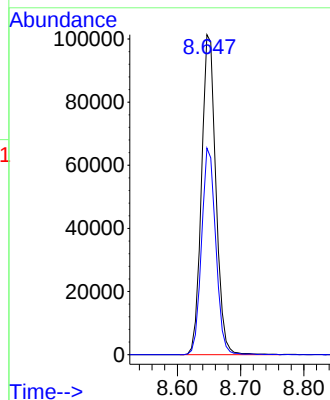
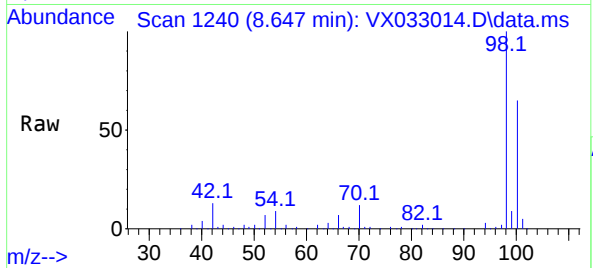




#50
Toluene-d8
Concen: 55.725 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

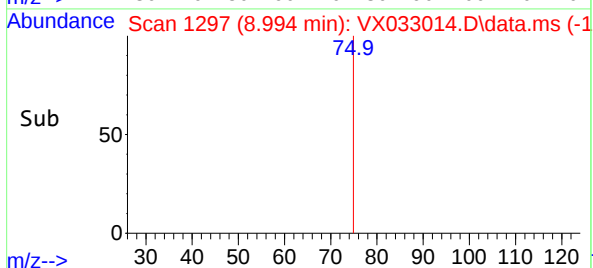
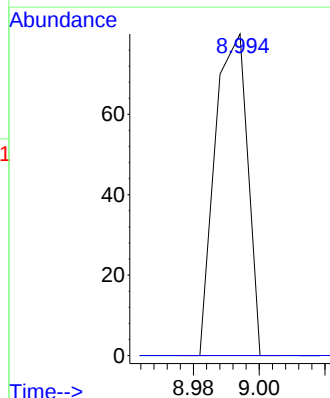
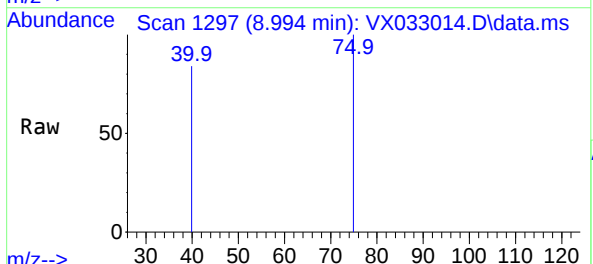
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

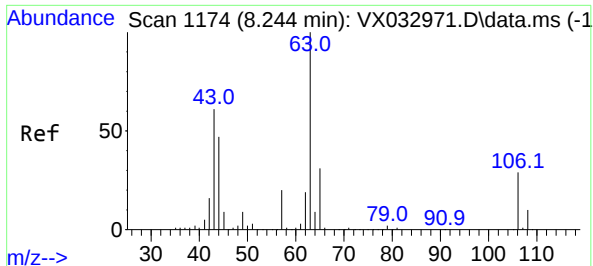
Tgt Ion: 98 Resp: 160019
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#53
t-1,3-Dichloropropene
Concen: 1.548 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#





#58

2-Chloroethyl Vinyl ether

Concen: 0.202 ug/l

RT: 8.275 min Scan# 1174

Delta R.T. 0.031 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

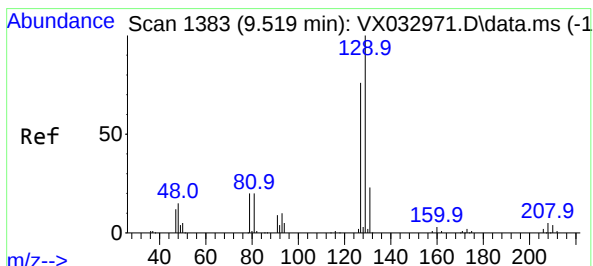
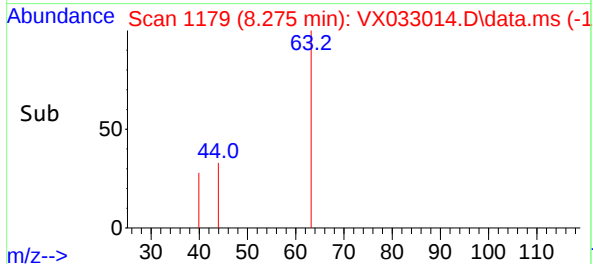
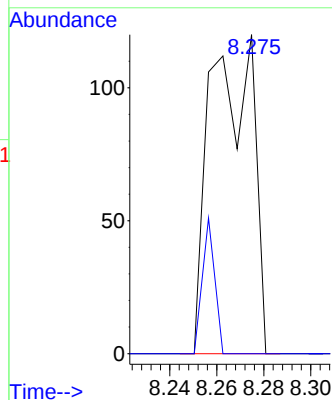
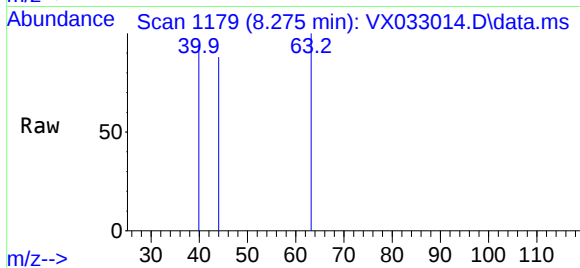
RW4-20221117DL

Tgt Ion: 63 Resp: 152

Ion Ratio Lower Upper

63 100

106 12.5 23.3 34.9#



#60

Dibromochloromethane

Concen: 0.690 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX033014.D

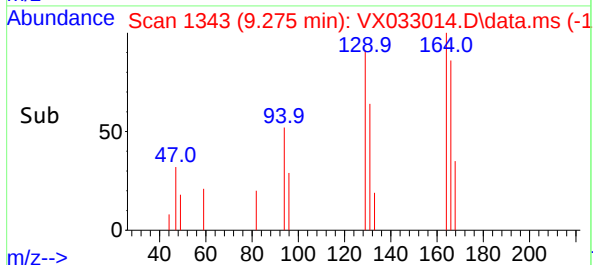
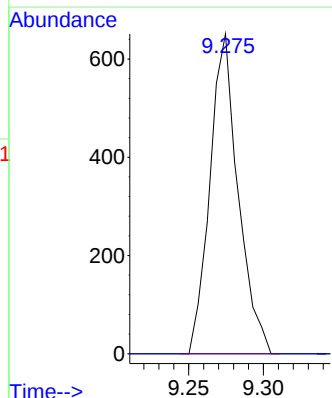
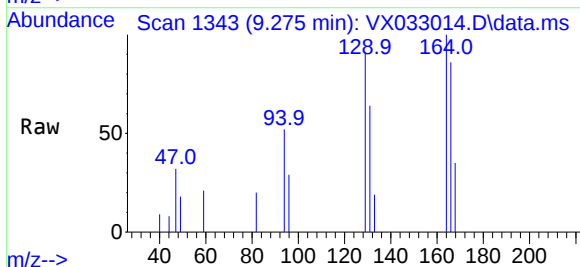
Acq: 23 Nov 2022 13:07

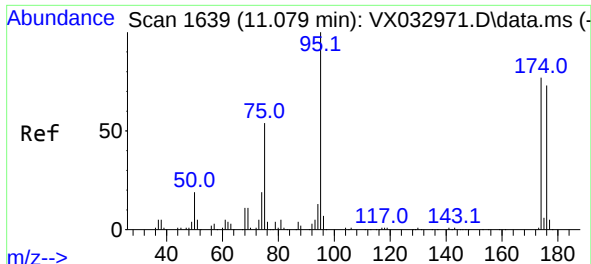
Tgt Ion: 129 Resp: 855

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#

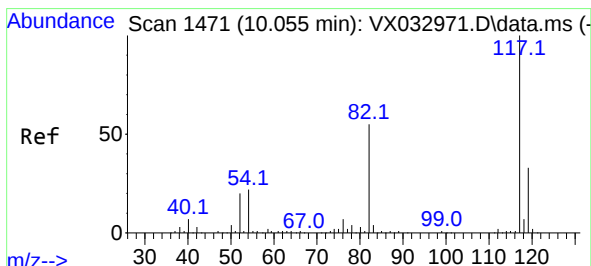
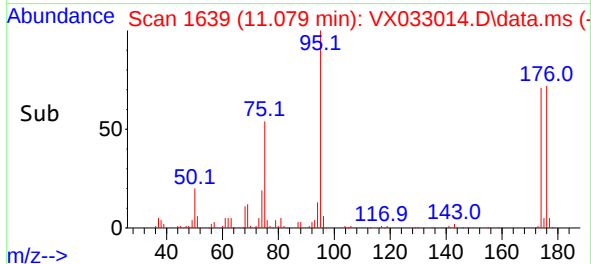
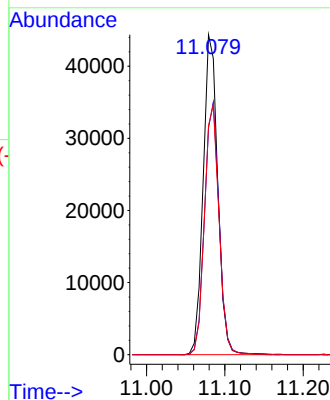
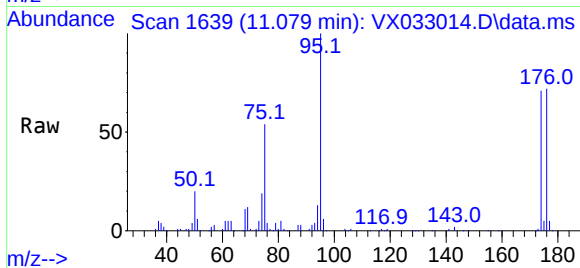




#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

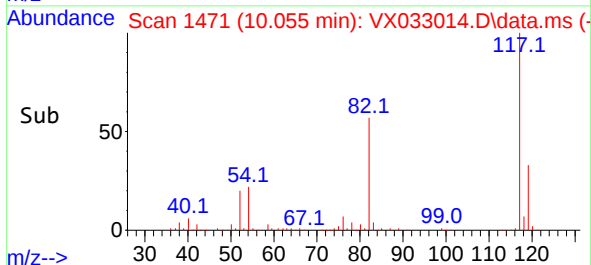
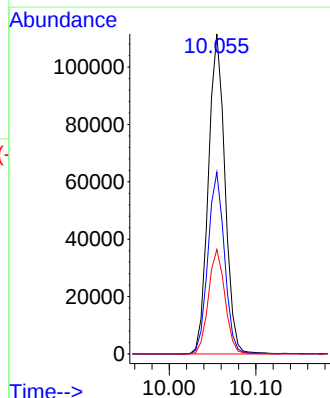
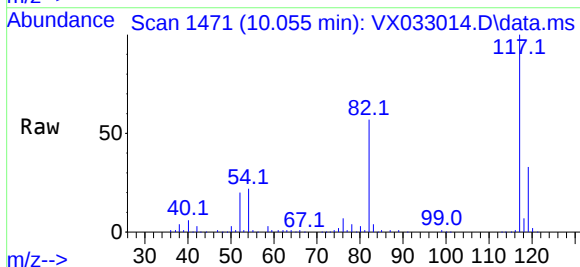
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

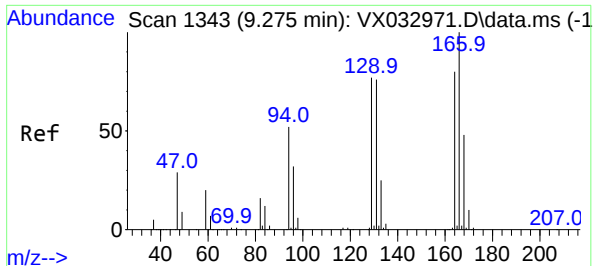
Tgt Ion: 95 Resp: 57272
Ion Ratio Lower Upper
95 100
174 79.0 0.0 164.0
176 78.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 117 Resp: 148481
Ion Ratio Lower Upper
117 100
82 56.8 44.3 66.5
119 32.7 25.7 38.5



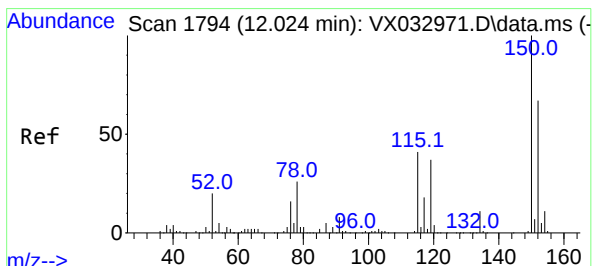
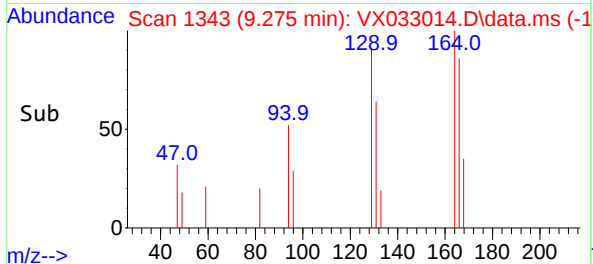
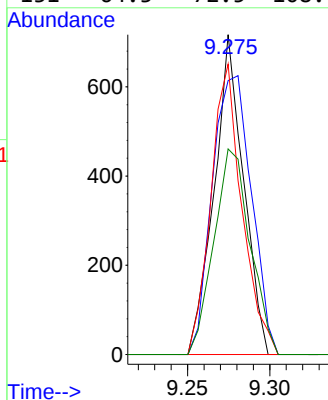
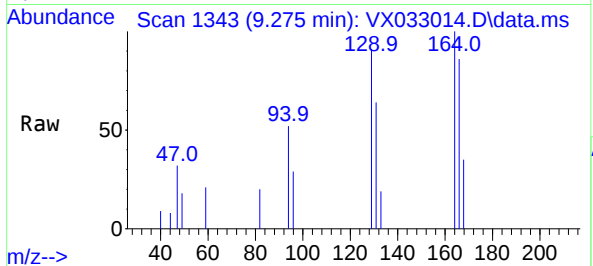


#64
Tetrachloroethene
Concen: 0.846 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

Tgt Ion:164 Resp: 889

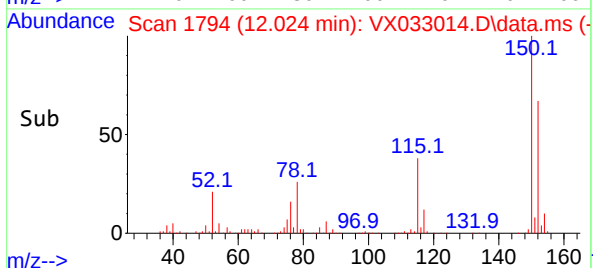
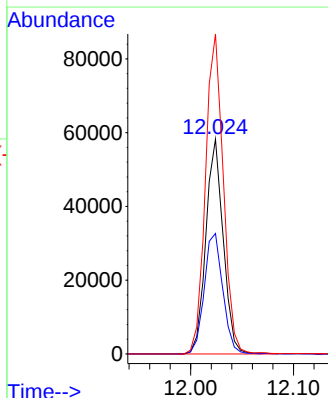
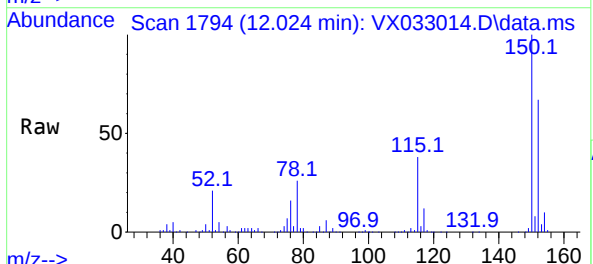
Ion	Ratio	Lower	Upper
164	100		
166	85.6	105.4	158.2#
129	90.8	78.2	117.2
131	64.3	72.5	108.7#

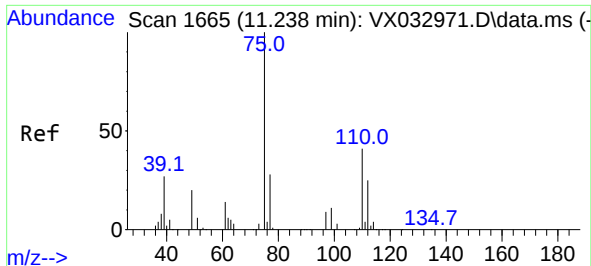


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion:152 Resp: 68537

Ion	Ratio	Lower	Upper
152	100		
115	59.8	44.0	132.0
150	152.9	0.0	351.8

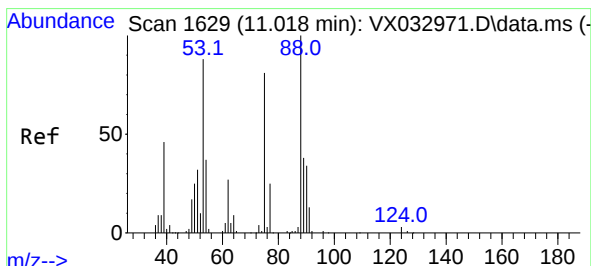
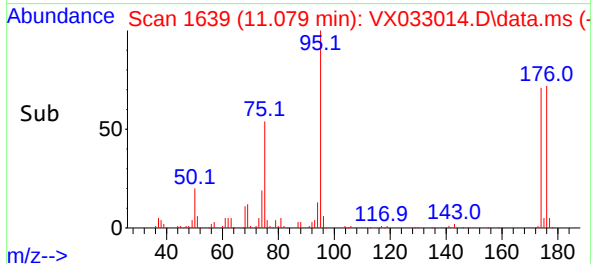
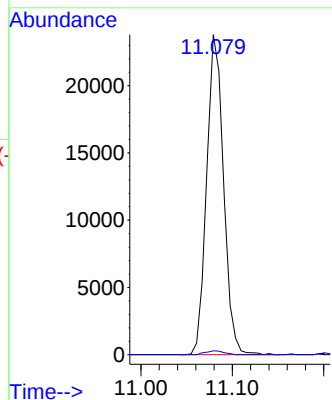
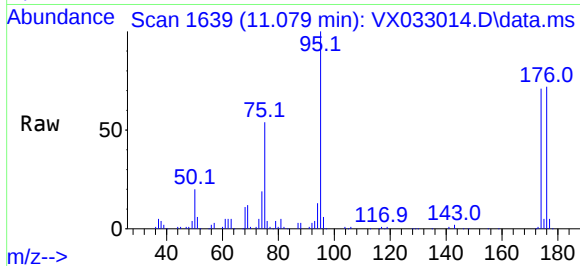




#76
1,2,3-Trichloropropane
Concen: 23.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

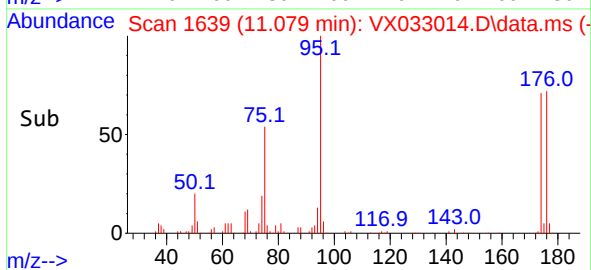
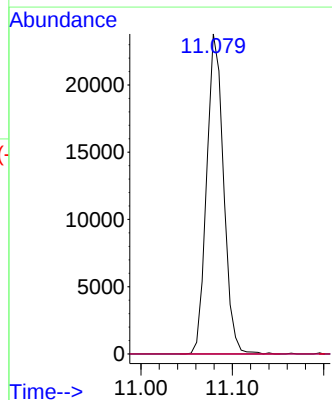
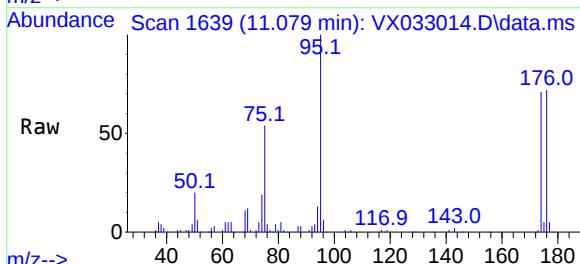
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

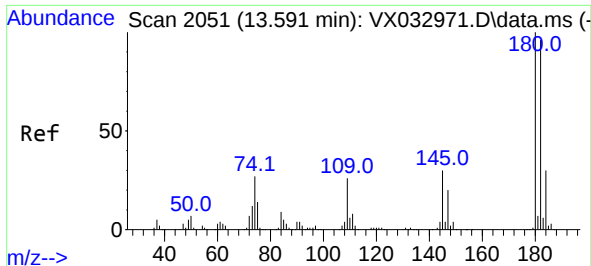
Tgt Ion: 75 Resp: 30455
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 75 Resp: 30455
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.214 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX033014.D

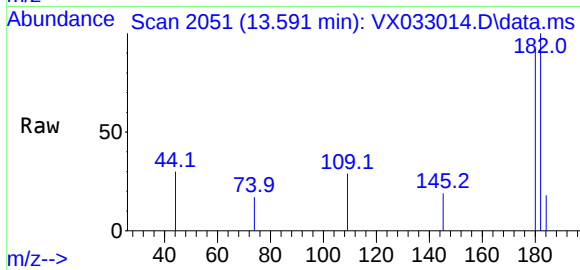
Acq: 23 Nov 2022 13:07

Instrument :

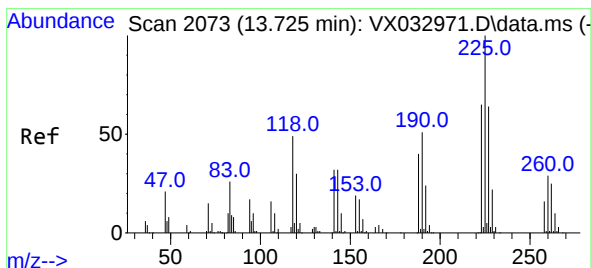
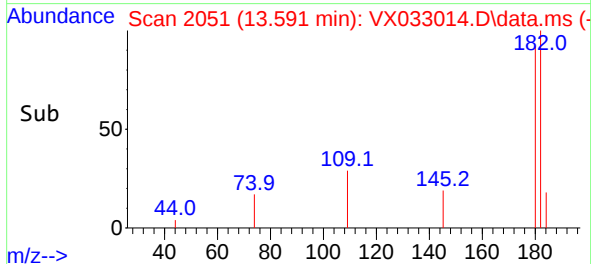
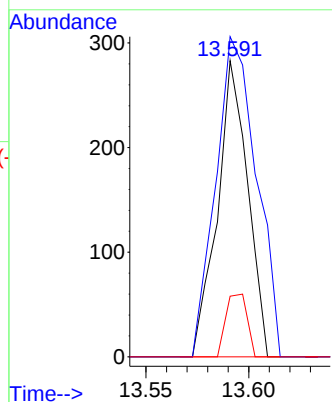
MSVOA_X

ClientSampleId :

RW4-20221117DL



Tgt Ion:180	Resp:	290
Ion	Ratio	Lower Upper
180	100	
182	145.2	48.4 145.0#
145	14.8	16.2 48.5#



#94

Hexachlorobutadiene

Concen: 0.651 ug/l

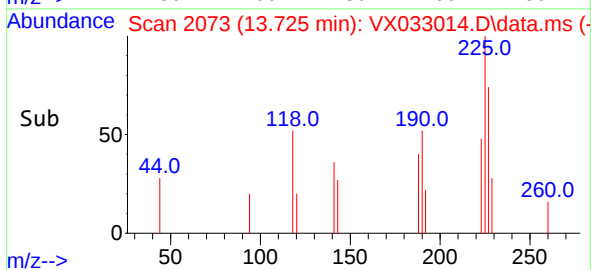
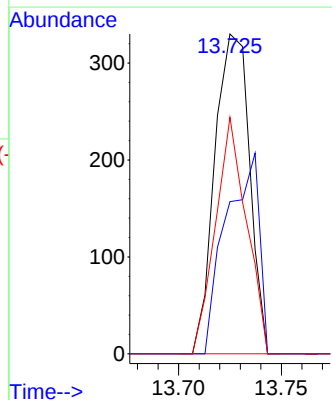
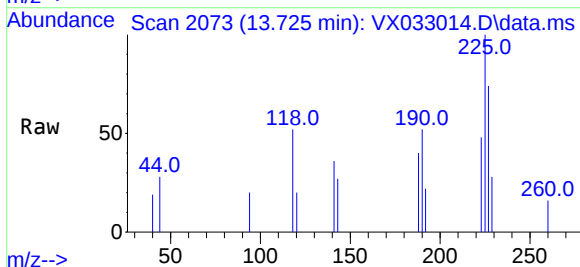
RT: 13.725 min Scan# 2073

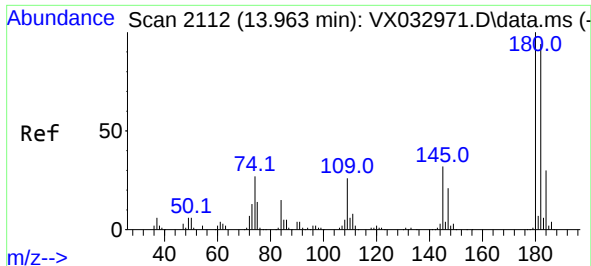
Delta R.T. 0.000 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

Tgt Ion:225	Resp:	389
Ion	Ratio	Lower Upper
225	100	
223	59.6	31.9 95.9
227	65.8	31.9 95.5





#96

1,2,3-Trichlorobenzene

Concen: 0.222 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033014.D

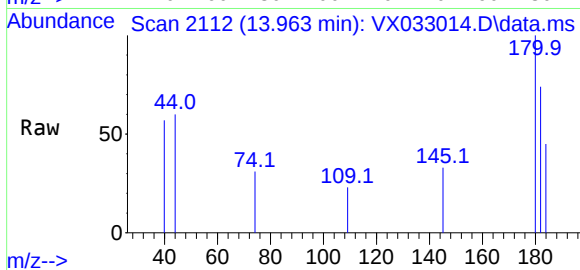
Acq: 23 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117DL



Tgt Ion:180 Resp: 301

Ion Ratio Lower Upper

180 100

182 82.1 47.5 142.6

145 25.6 16.9 50.6

