

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013914.D
 Acq On : 30 May 2023 13:11
 Operator : KP/MD
 Sample : 02920-03RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-400027

Quant Time: May 30 15:37:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

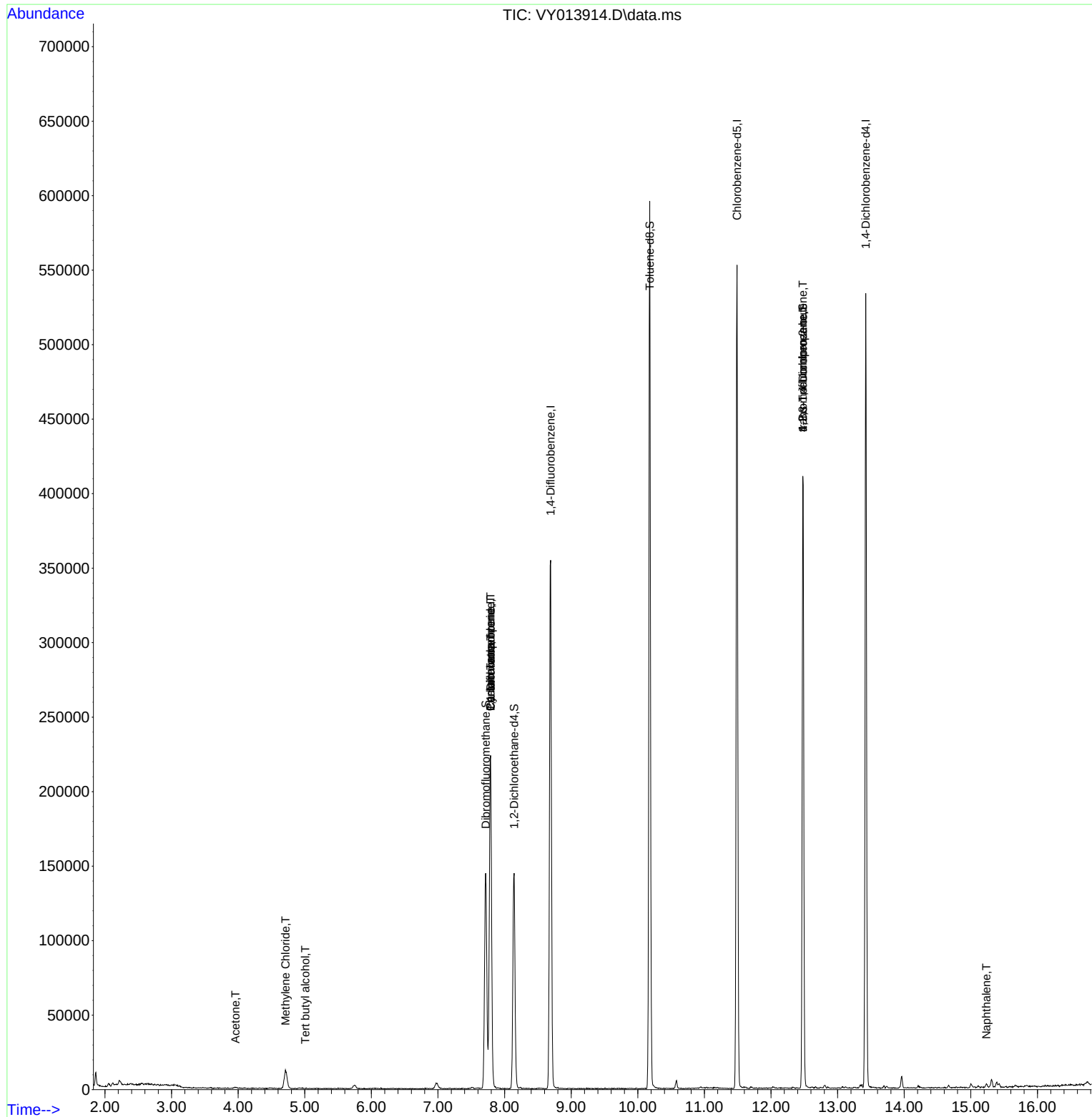
Internal Standards						
1) Pentafluorobenzene	7.789	168	176615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	120752	59.098	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.200%	
35) Dibromofluoromethane	7.716	113	99159	51.032	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.060%	
50) Toluene-d8	10.179	98	368283	49.869	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.740%	
62) 4-Bromofluorobenzene	12.477	95	118401	48.232	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	96.460%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.009	59	170	1.086	ug/l #	73
16) Acetone	3.960	43	1417	2.337	ug/l #	46
20) Methylene Chloride	4.710	84	8603	1.539	ug/l	93
31) Cyclohexane	7.789	56	4227	1.346	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	13503	4.562	ug/l #	52
38) Carbon Tetrachloride	7.789	117	17162	5.099	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	65105	41.884	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65105	90.917	ug/l #	10
95) Naphthalene	15.233	128	2175	4.900	ug/l	97

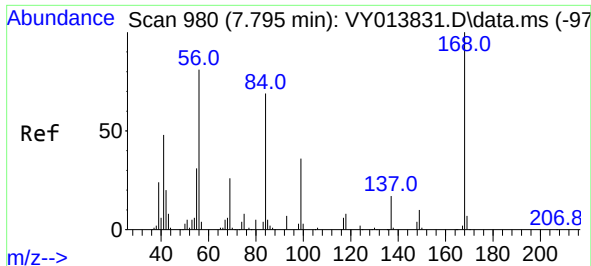
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

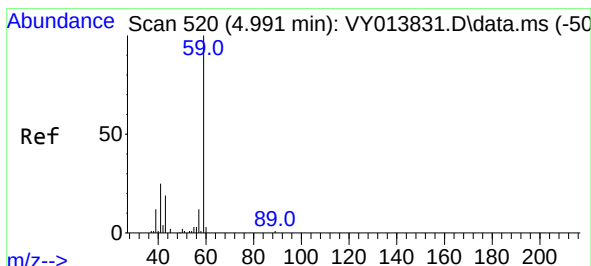
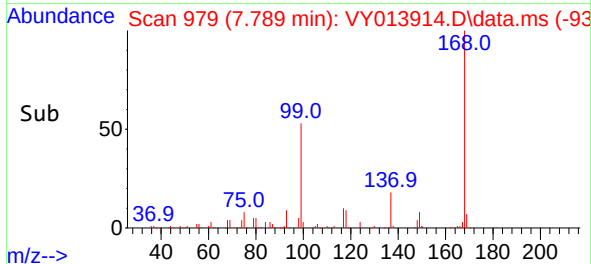
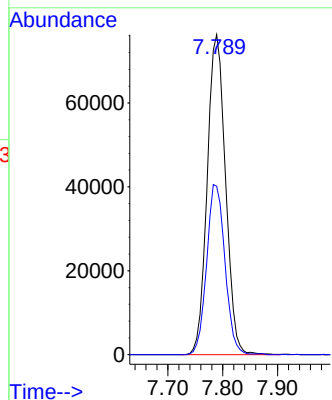
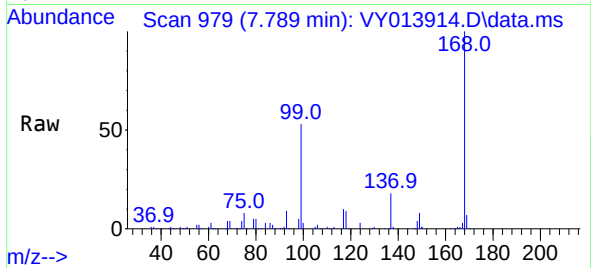




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

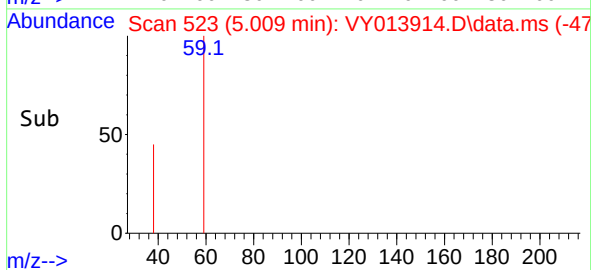
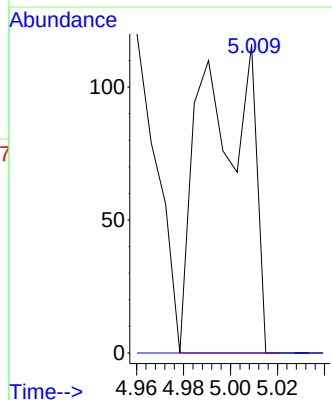
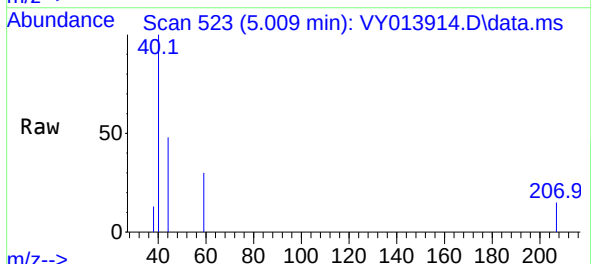
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

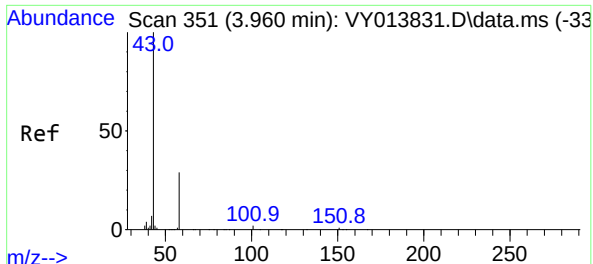
Tgt Ion:168 Resp: 176615
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.2



#11
Tert butyl alcohol
Concen: 1.086 ug/l
RT: 5.009 min Scan# 523
Delta R.T. 0.018 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

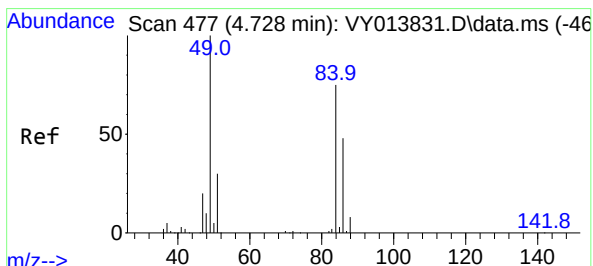
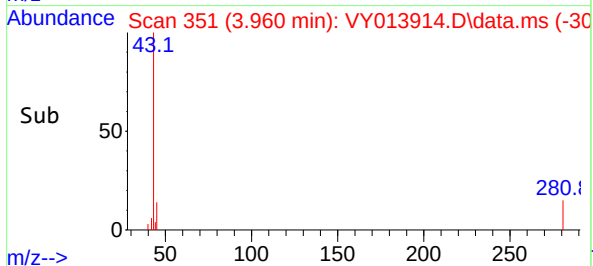
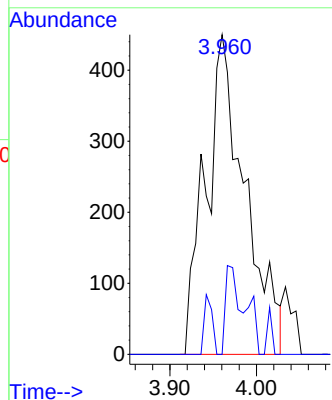
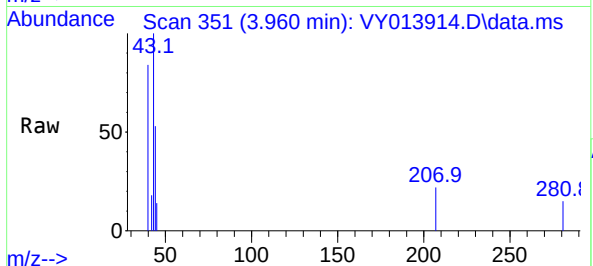




#16
Acetone
Concen: 2.337 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

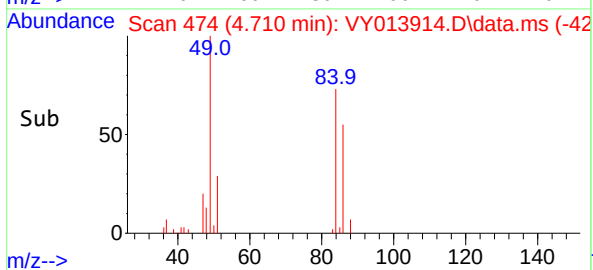
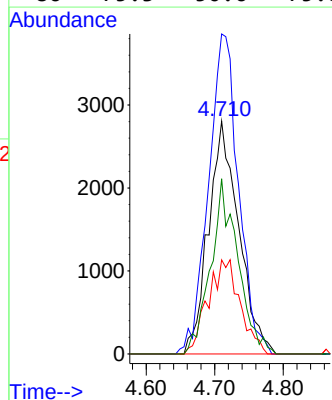
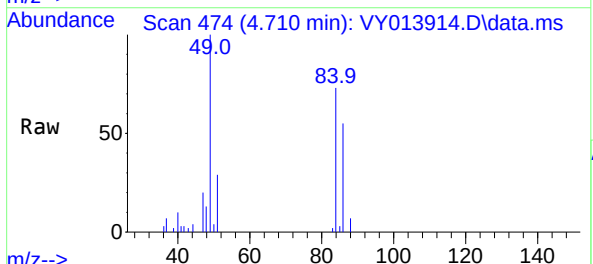
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

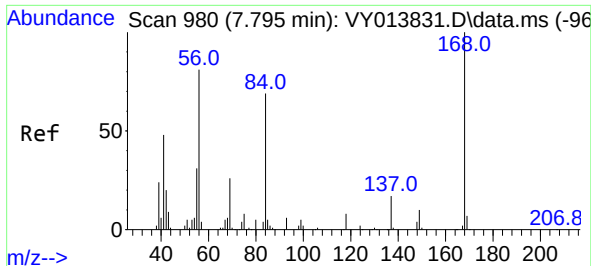
Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 1.539 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion: 84 Resp: 8603
Ion Ratio Lower Upper
84 100
49 137.4 106.2 159.2
51 40.4 31.4 47.0
86 75.3 50.6 75.8

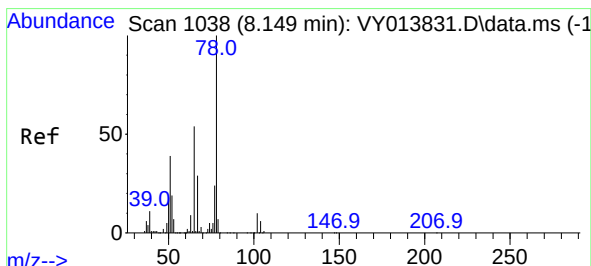
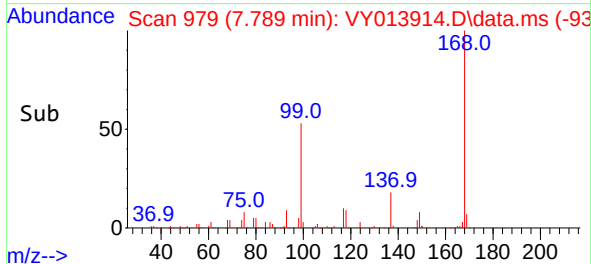
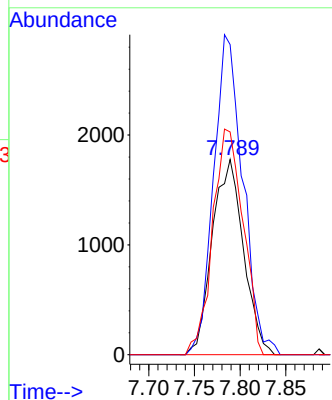
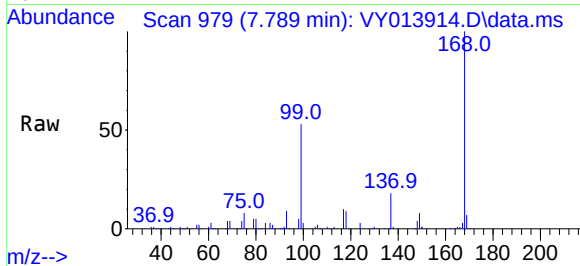




#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

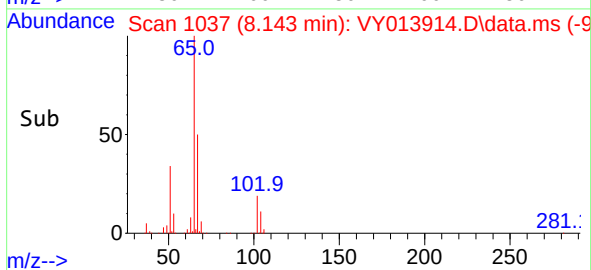
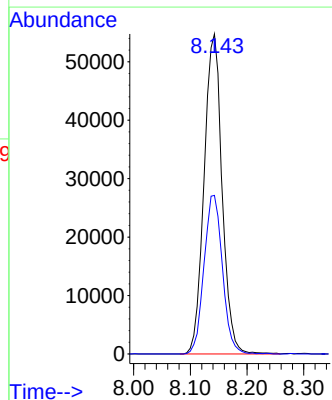
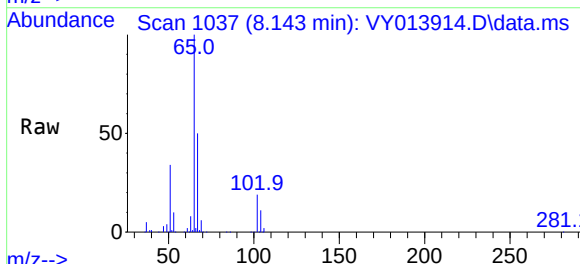
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

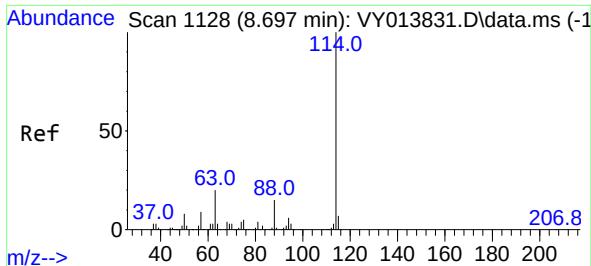
Tgt Ion: 56 Resp: 4227
Ion Ratio Lower Upper
56 100
69 158.8 25.8 38.8#
84 114.1 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 59.098 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion: 65 Resp: 120752
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013914.D

Acq: 30 May 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

RBR-400027

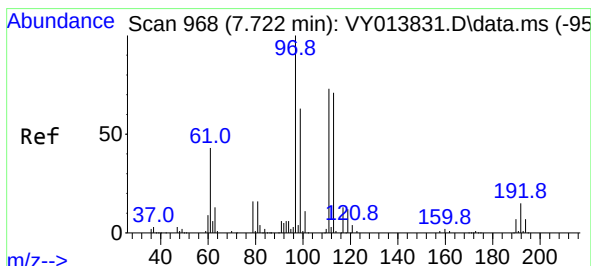
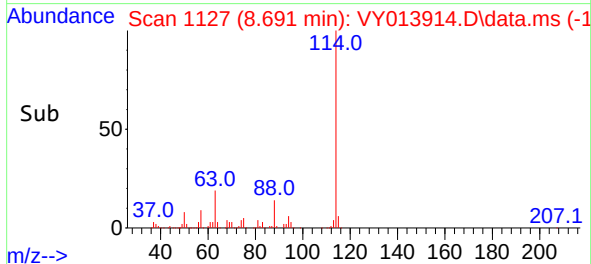
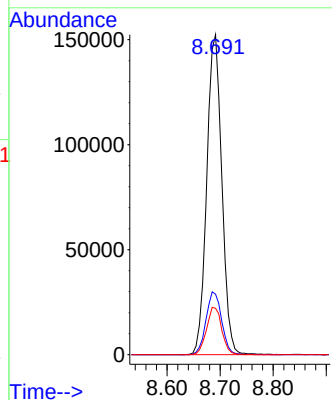
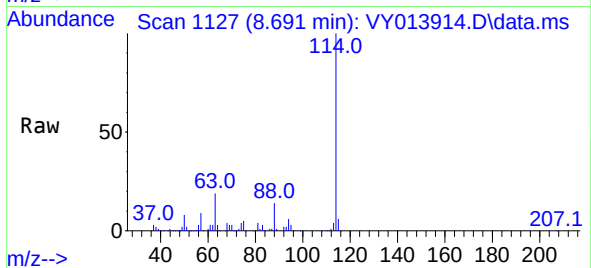
Tgt Ion:114 Resp: 300879

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.032 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013914.D

Acq: 30 May 2023 13:11

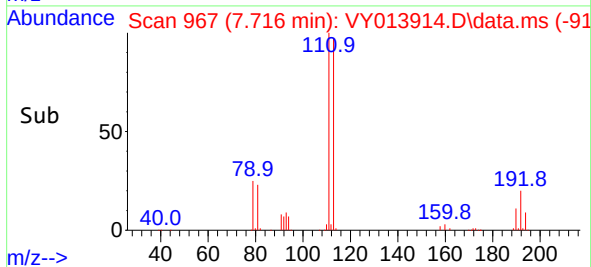
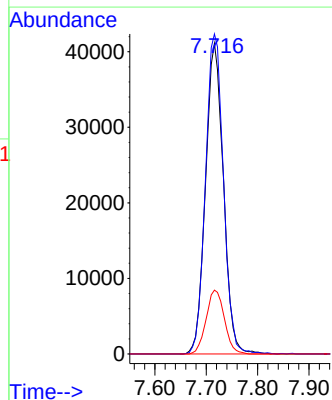
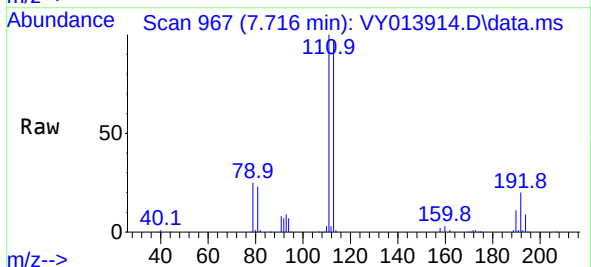
Tgt Ion:113 Resp: 99159

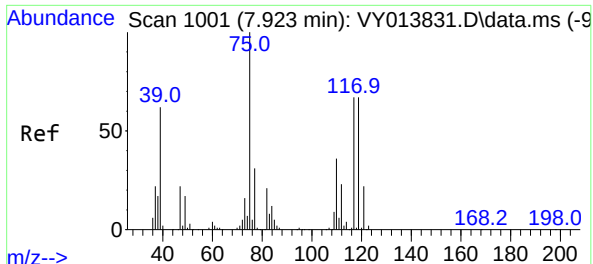
Ion Ratio Lower Upper

113 100

111 103.3 80.4 120.6

192 21.0 16.6 25.0

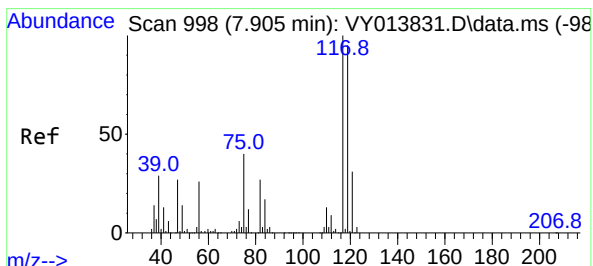
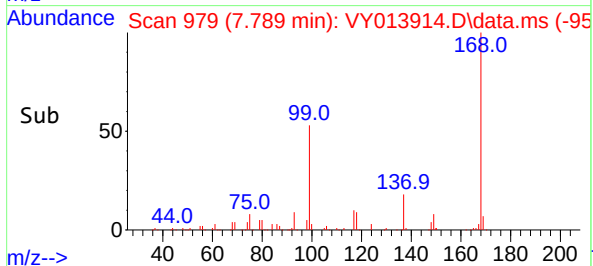
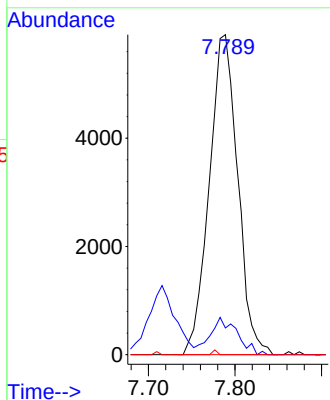
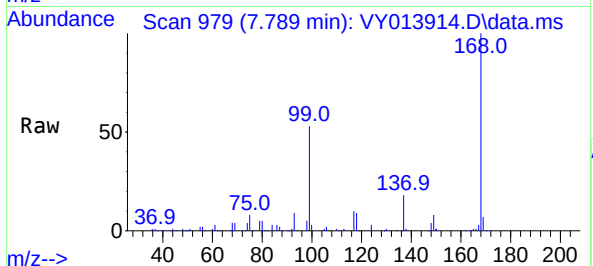




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

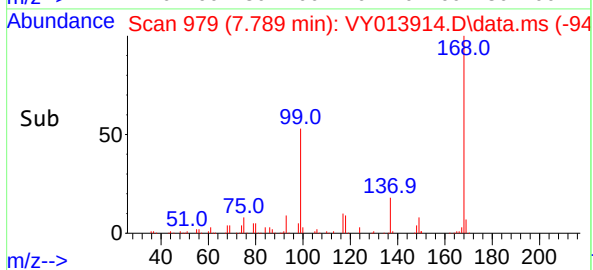
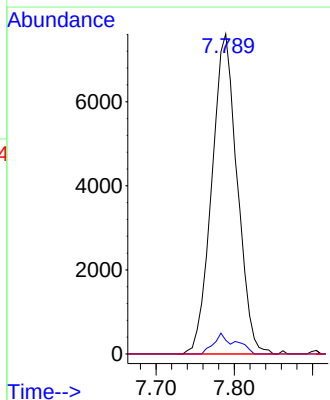
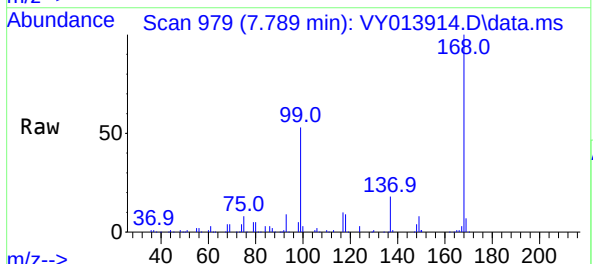
Instrument :
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ClientSampleId :
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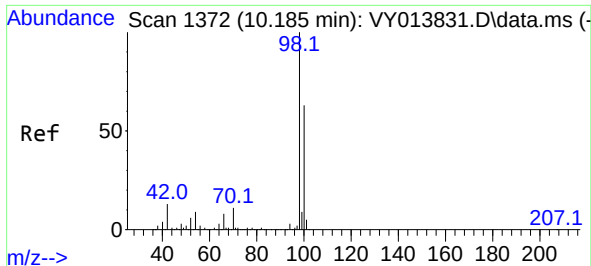
Tgt Ion: 75 Resp: 13503
Ion Ratio Lower Upper
75 100
110 11.2 17.5 52.6#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion:117 Resp: 17162
Ion Ratio Lower Upper
117 100
119 4.3 75.6 113.4#
121 0.0 24.8 37.2#

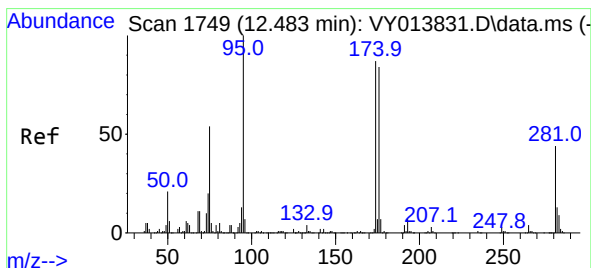
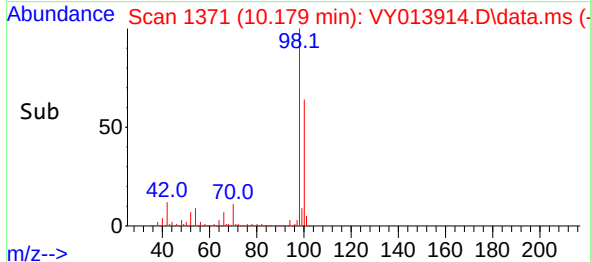
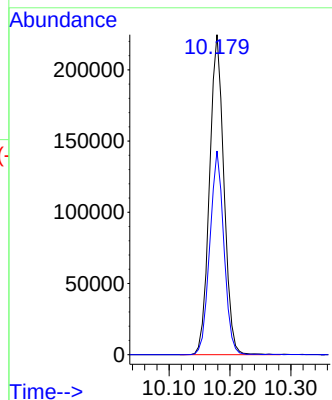
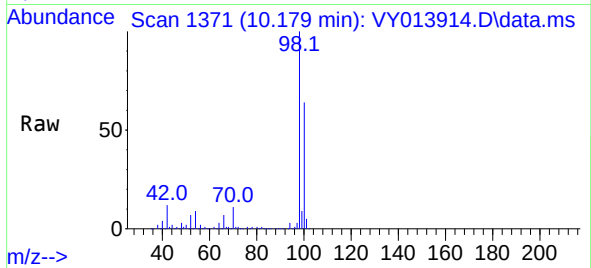




#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

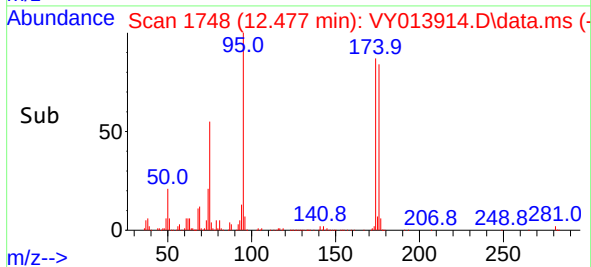
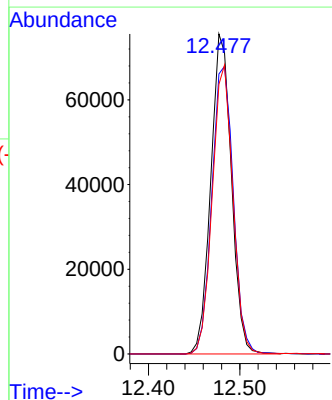
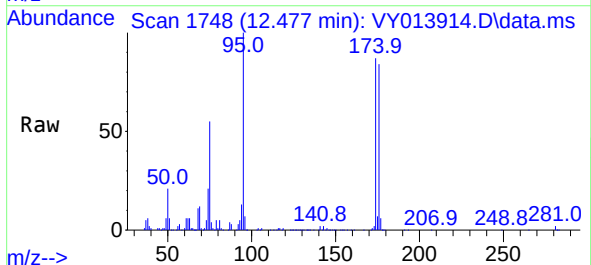
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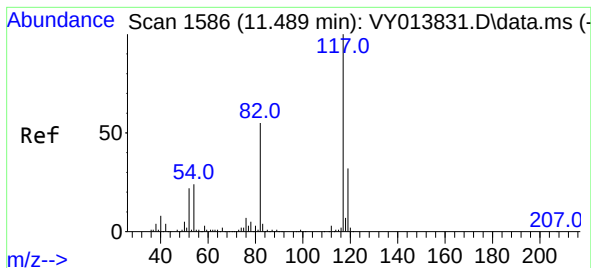
Tgt Ion: 98 Resp: 368283
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 48.232 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion: 95 Resp: 118401
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.0
176 90.4 0.0 170.2

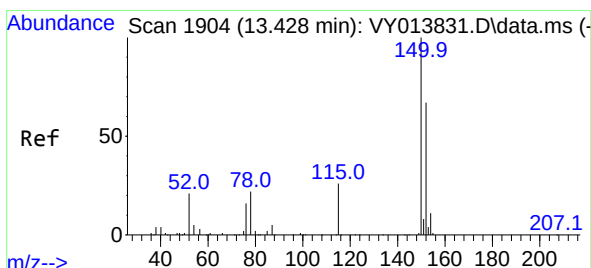
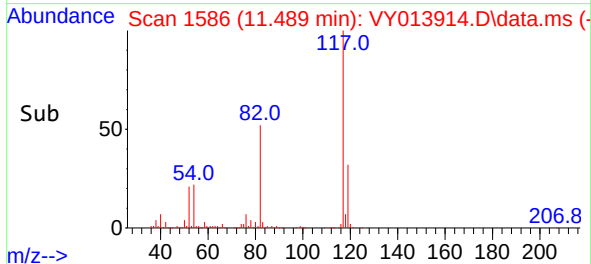
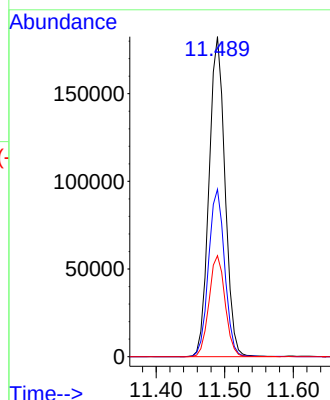
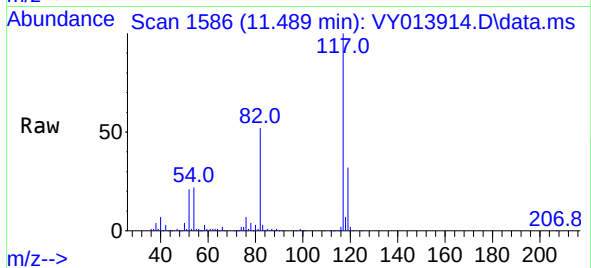




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

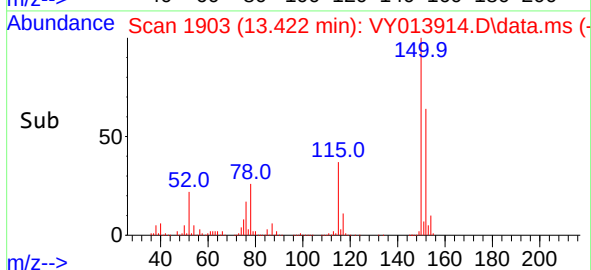
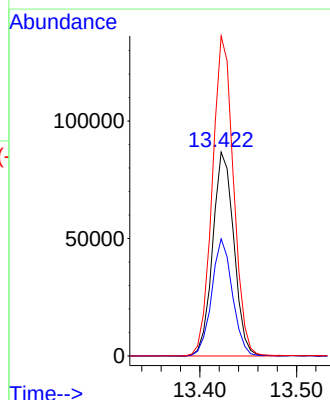
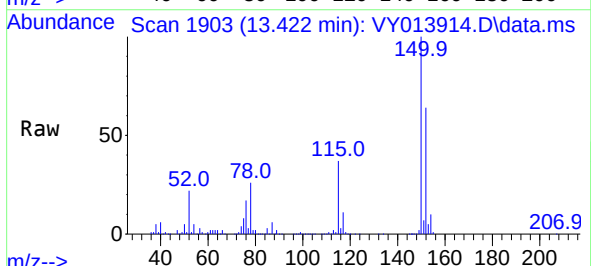
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

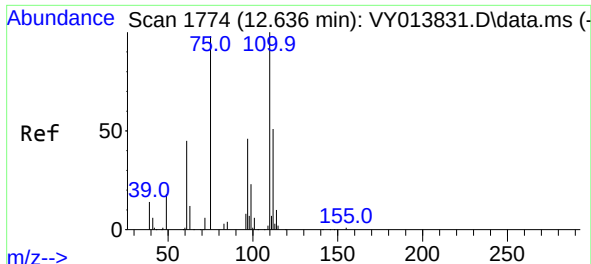
Tgt Ion:117 Resp: 295671
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.4
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion:152 Resp: 131826
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 157.4 0.0 353.4

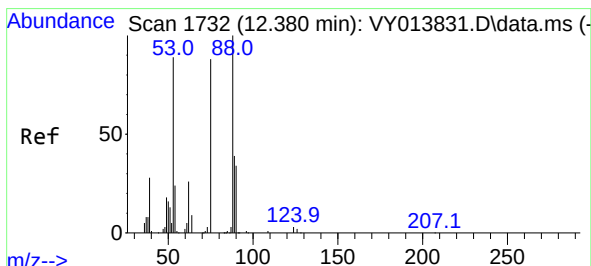
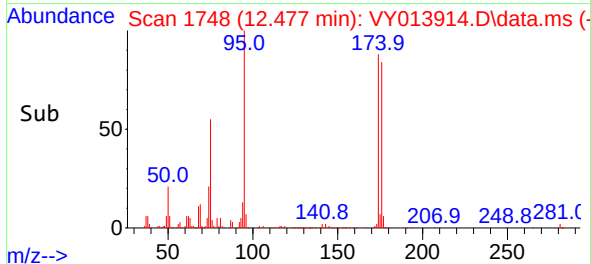
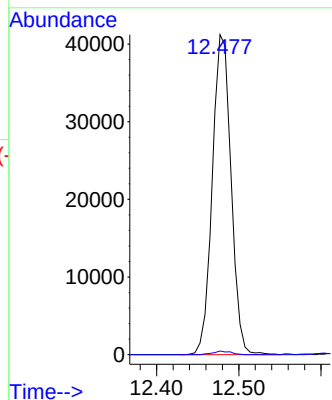
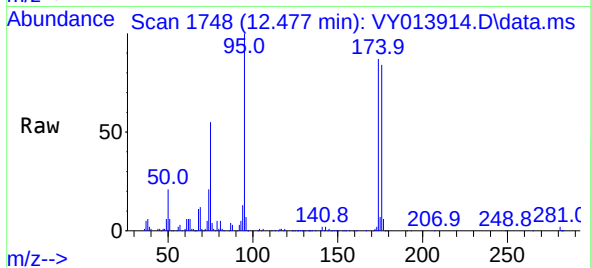




#76
1,2,3-Trichloropropane
Concen: 41.884 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

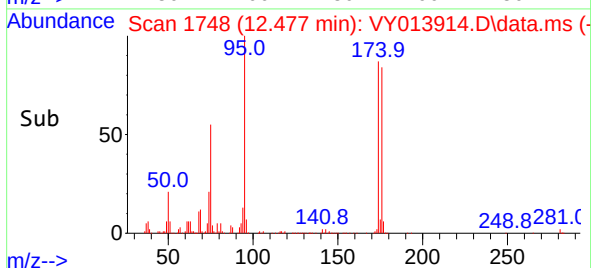
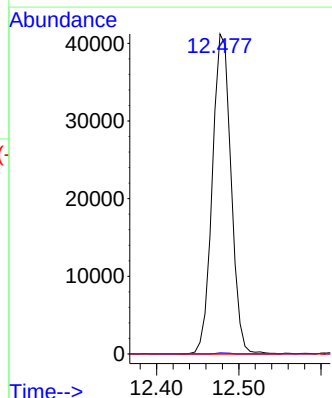
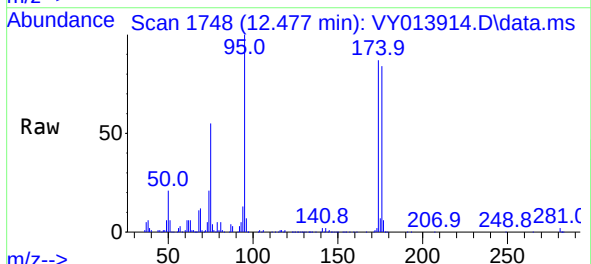
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

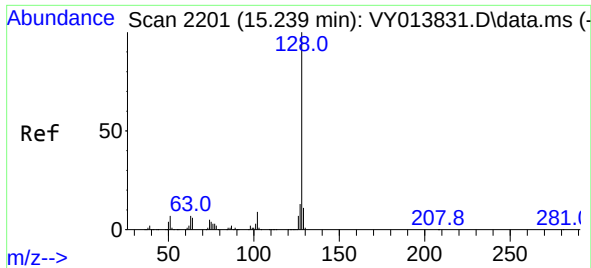
Tgt Ion: 75 Resp: 65105
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.917 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

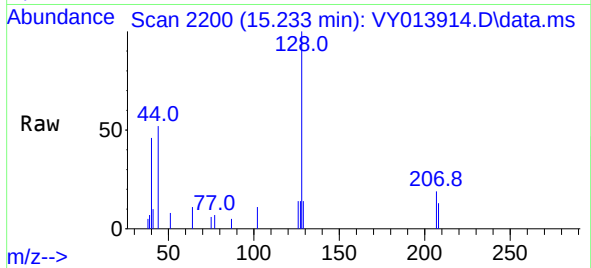
Tgt Ion: 75 Resp: 65105
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.0 36.4 54.6#





#95
Naphthalene
Concen: 4.900 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027



Tgt Ion:	128	Resp:	2175
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.7	16.1
129	12.4	9.0	13.4

