

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017564.D
 Acq On : 05 Mar 2024 11:21
 Operator : SY/MD
 Sample : VY0305SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0305SBL01

Quant Time: Mar 05 22:01:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

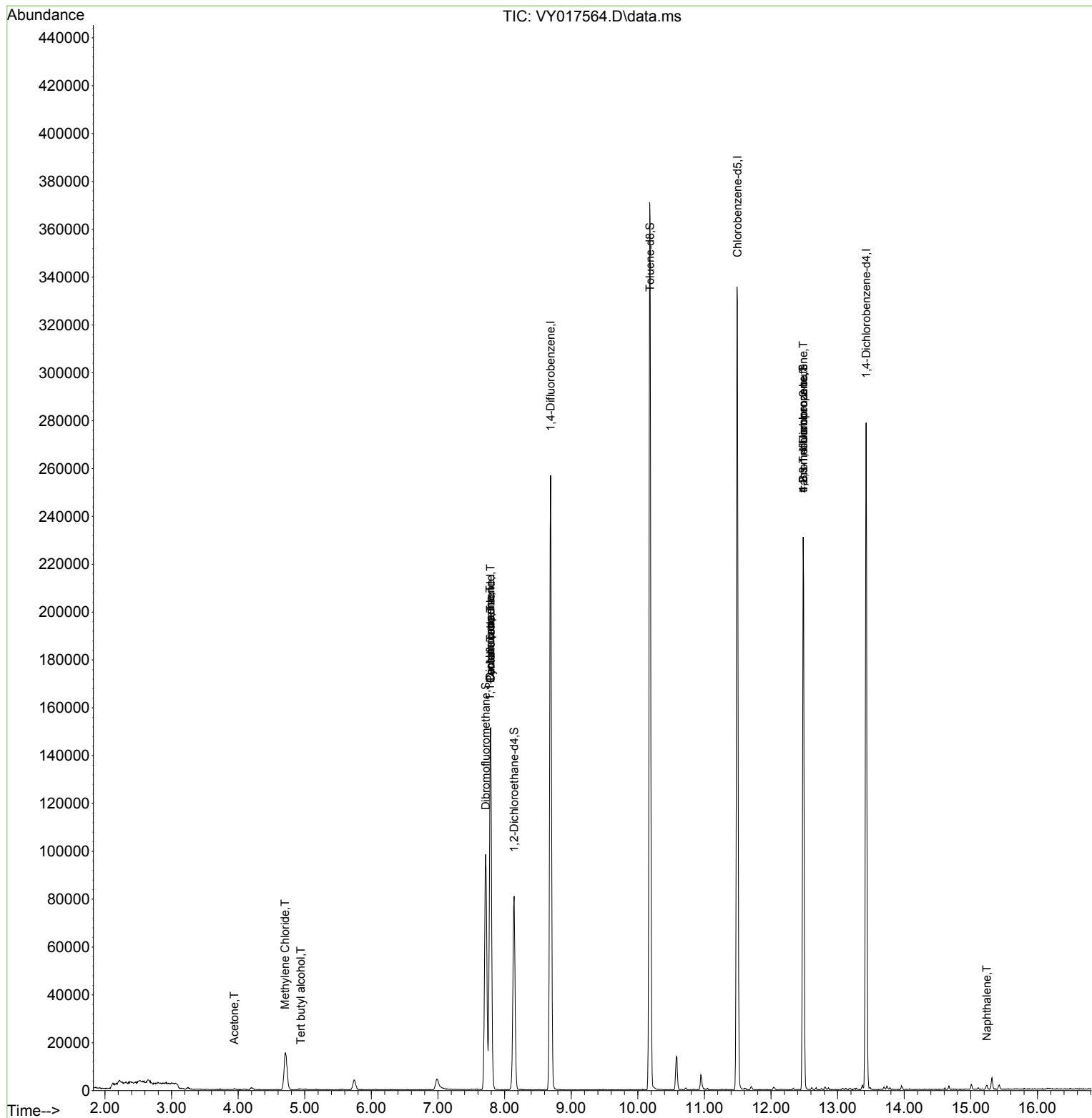
Internal Standards						
1) Pentafluorobenzene	7.789	168	126811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59344	49.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.760%
35) Dibromofluoromethane	7.716	113	72480	45.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.520%
50) Toluene-d8	10.185	98	257037	46.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.483	95	68186	39.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	246	2.410	ug/l #	88
16) Acetone	3.942	43	528	2.265	ug/l	99
20) Methylene Chloride	4.704	84	13136	4.620	ug/l	93
31) Cyclohexane	7.789	56	2343	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8953	4.189	ug/l #	47
38) Carbon Tetrachloride	7.789	117	11609	5.420	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33462	47.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33462	108.177	ug/l #	16
95) Naphthalene	15.239	128	1855	4.645	ug/l	97

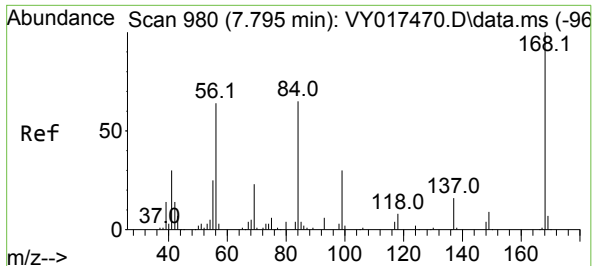
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
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ALS Vial : 3 Sample Multiplier: 1

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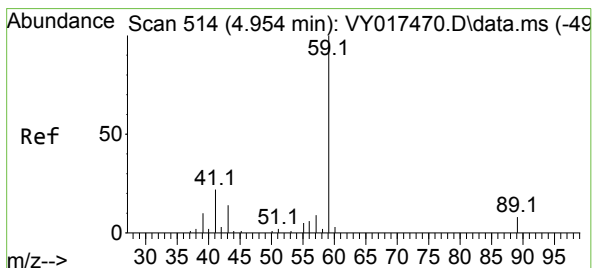
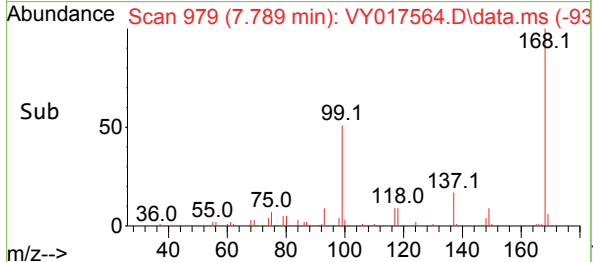
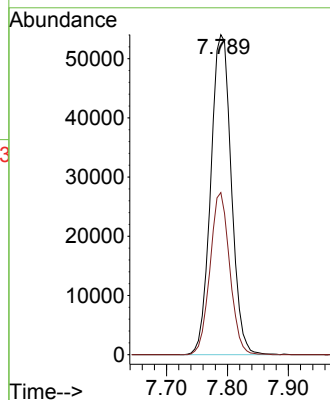
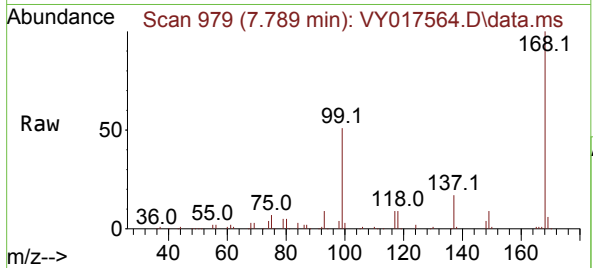




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

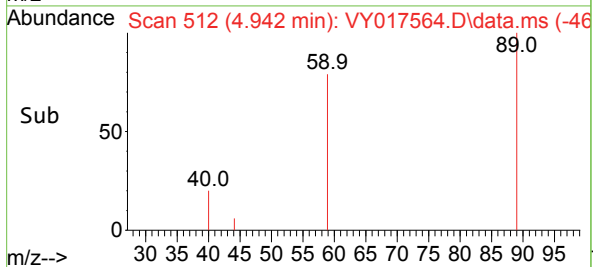
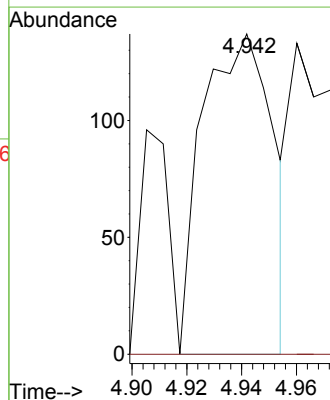
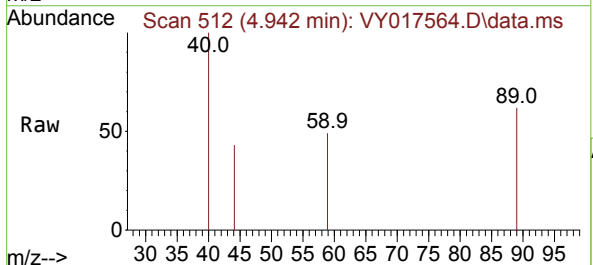
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

Tgt Ion:168 Resp: 126811
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.410 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

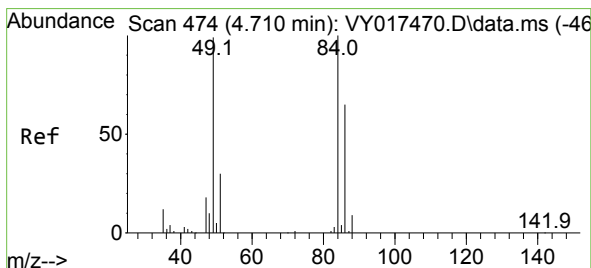
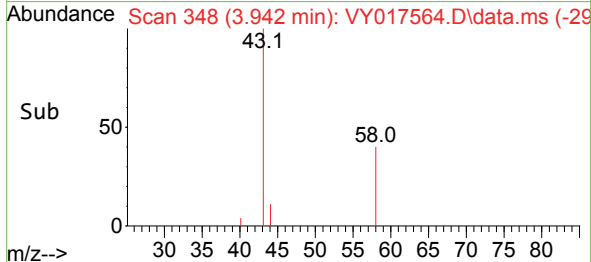
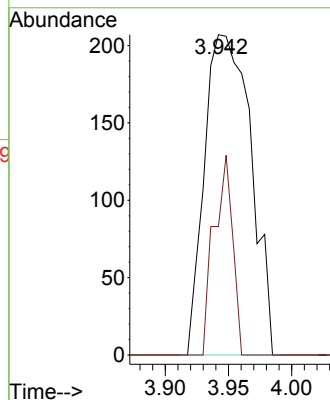
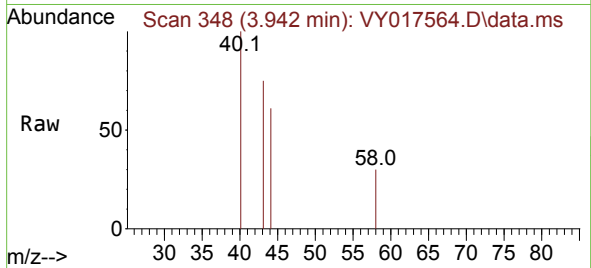




#16
Acetone
Concen: 2.265 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

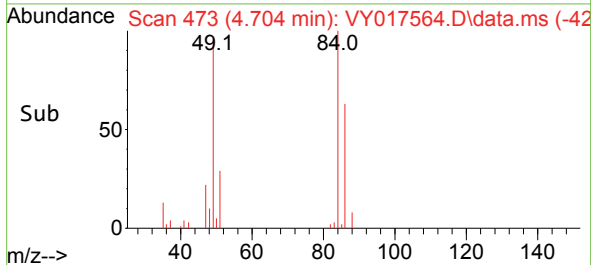
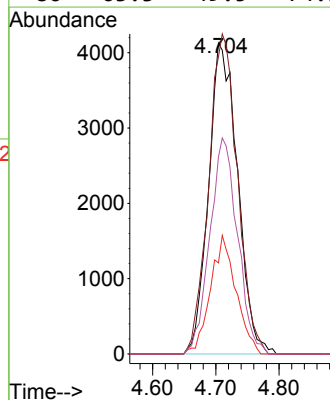
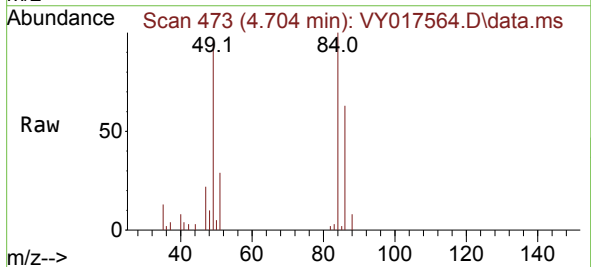
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

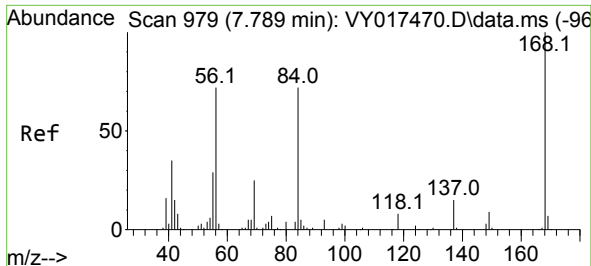
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 40.1 31.7 47.5



#20
Methylene Chloride
Concen: 4.620 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion: 84 Resp: 13136
Ion Ratio Lower Upper
84 100
49 95.5 84.4 126.6
51 29.3 26.0 39.0
86 63.3 49.5 74.3

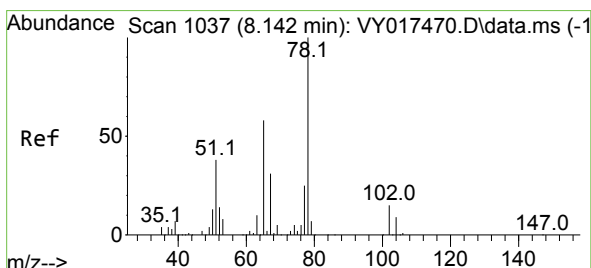
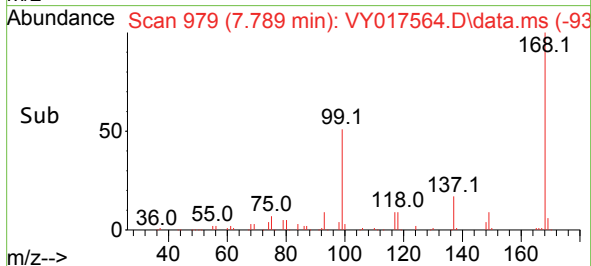
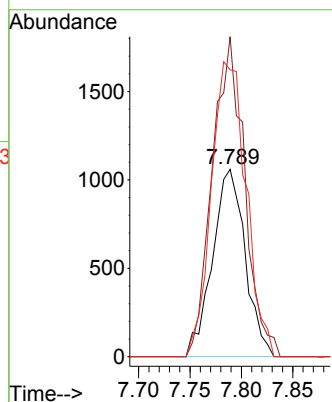
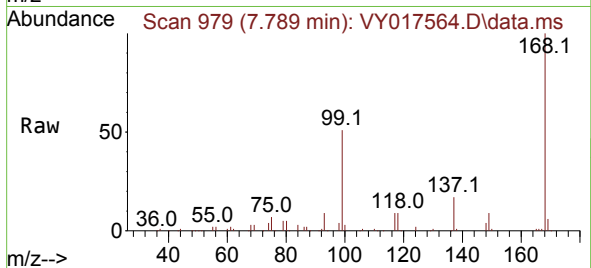




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

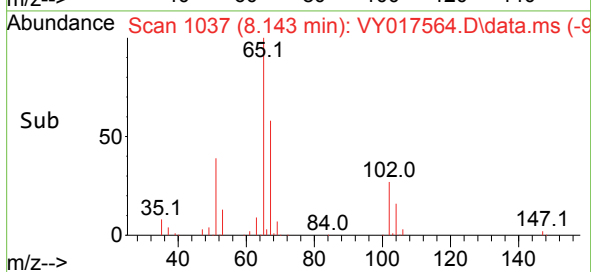
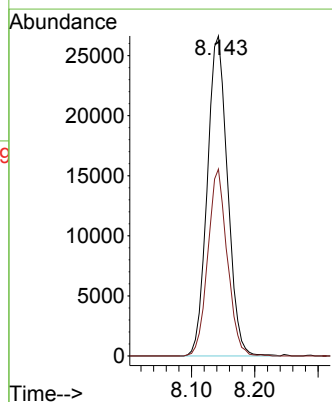
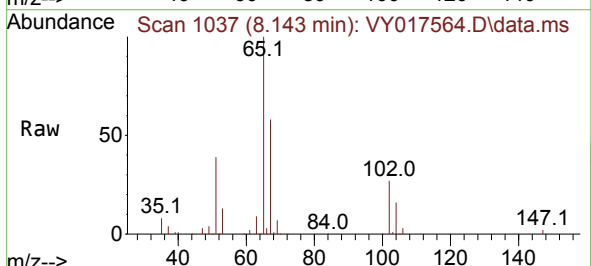
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

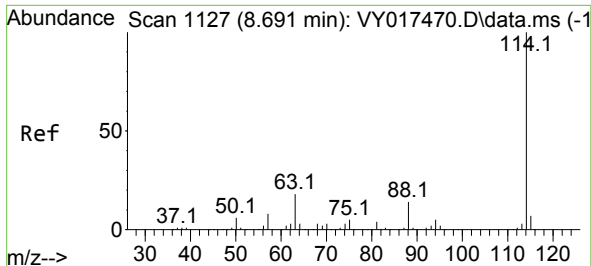
Tgt Ion: 56 Resp: 2343
Ion Ratio Lower Upper
56 100
69 170.8 28.7 43.1#
84 153.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.378 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion: 65 Resp: 59344
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017564.D

Acq: 05 Mar 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0305SBL01

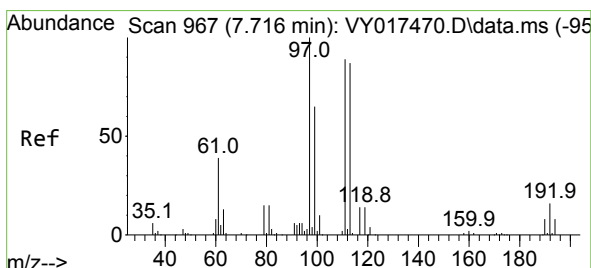
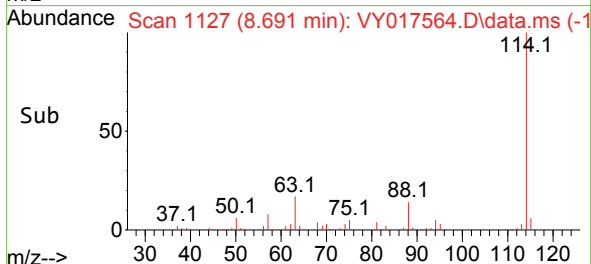
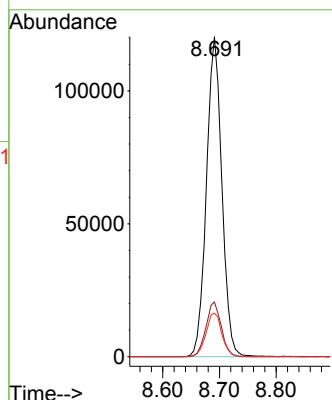
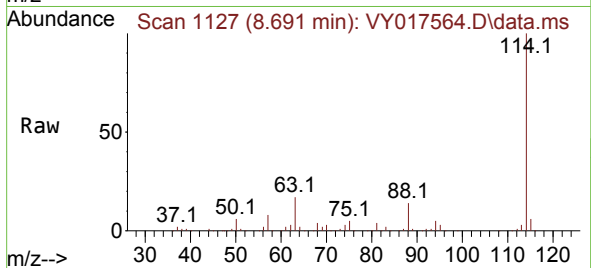
Tgt Ion:114 Resp: 227326

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.755 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017564.D

Acq: 05 Mar 2024 11:21

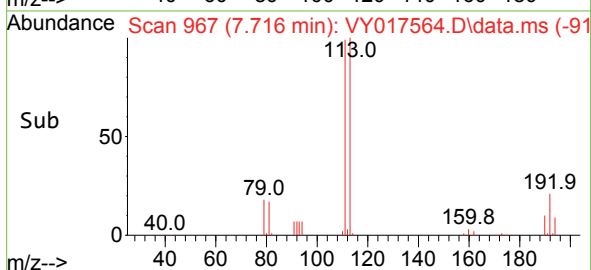
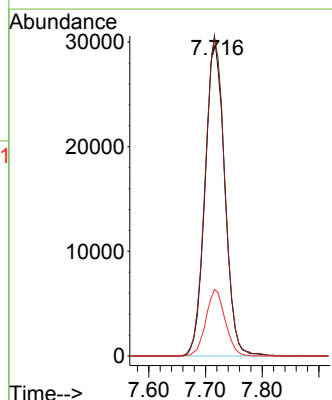
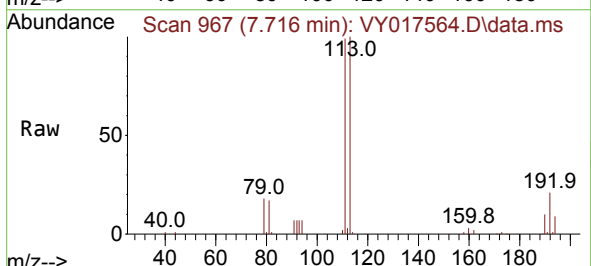
Tgt Ion:113 Resp: 72480

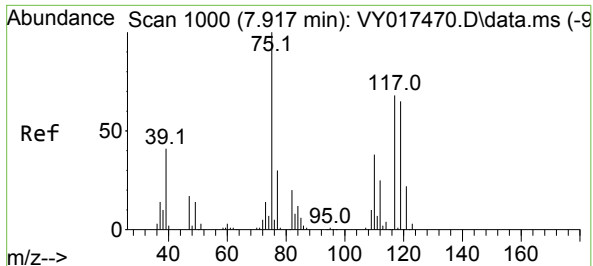
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 20.7 15.9 23.9

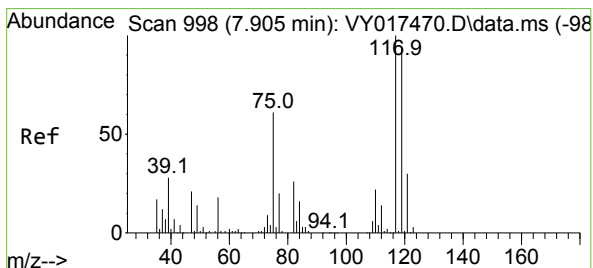
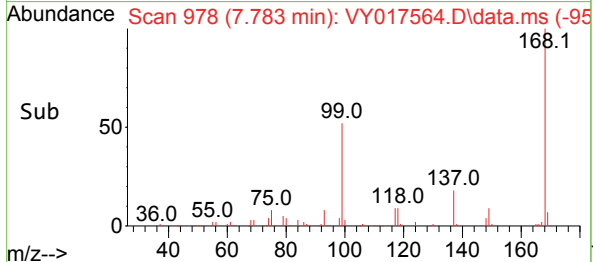
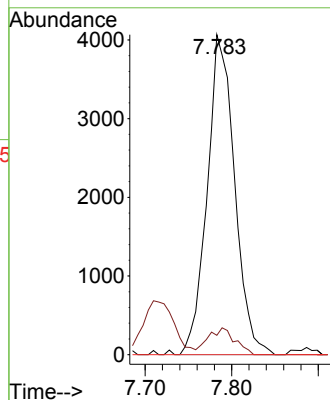
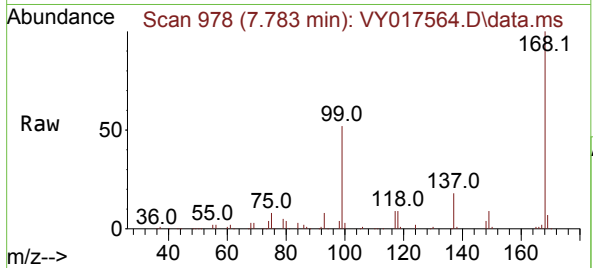




#36
1,1-Dichloropropene
Concen: 4.189 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

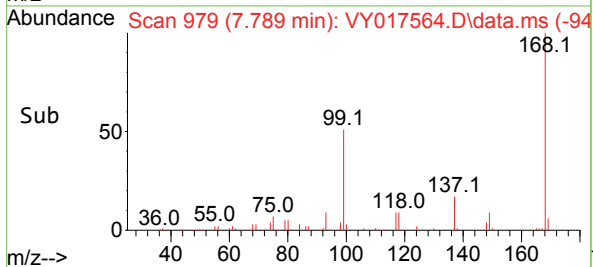
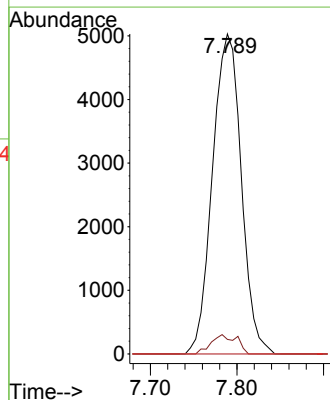
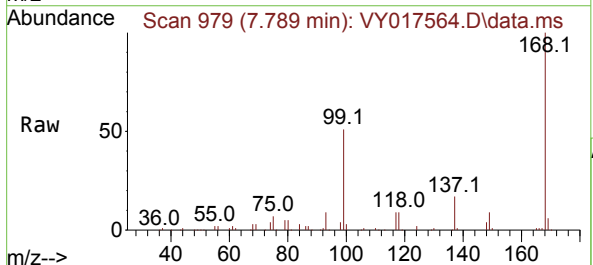
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

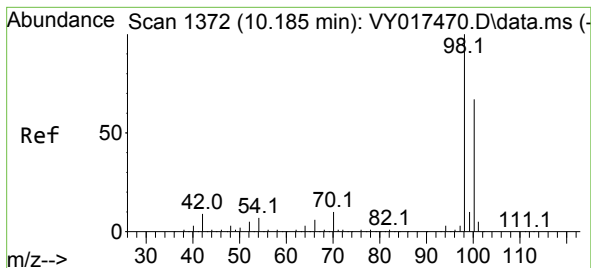
Tgt Ion: 75 Resp: 8953
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion: 117 Resp: 11609
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.409 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017564.D

Acq: 05 Mar 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

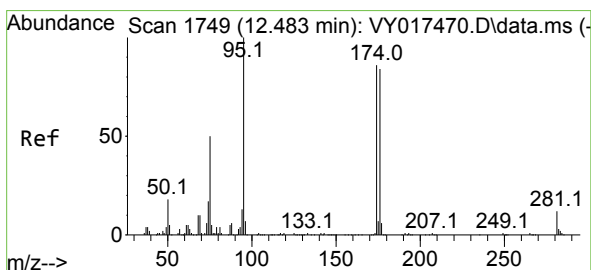
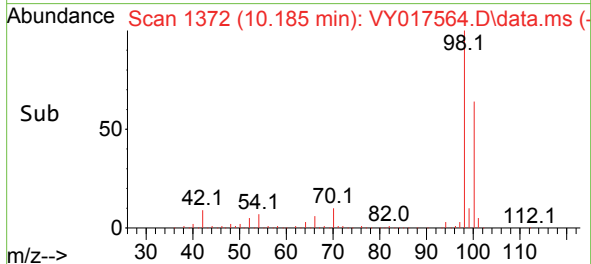
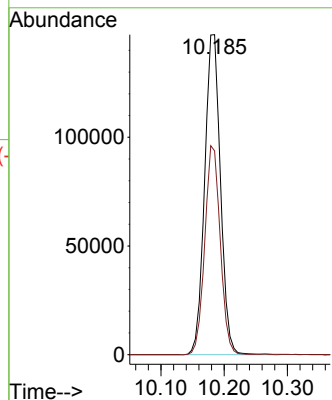
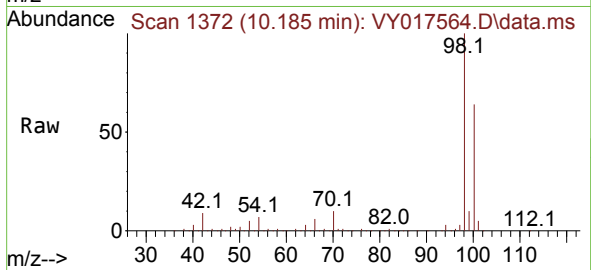
VY0305SBL01

Tgt Ion: 98 Resp: 257037

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.174 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017564.D

Acq: 05 Mar 2024 11:21

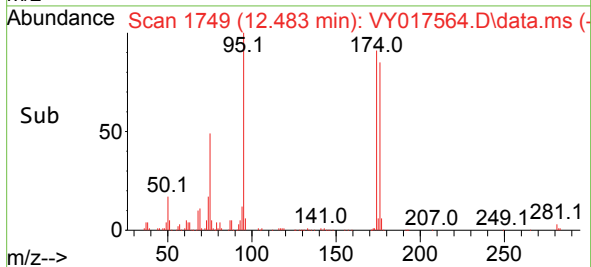
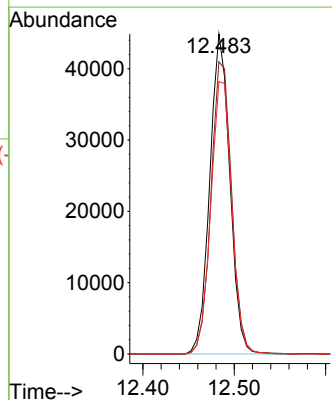
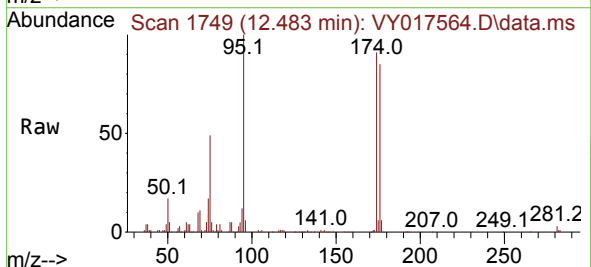
Tgt Ion: 95 Resp: 68186

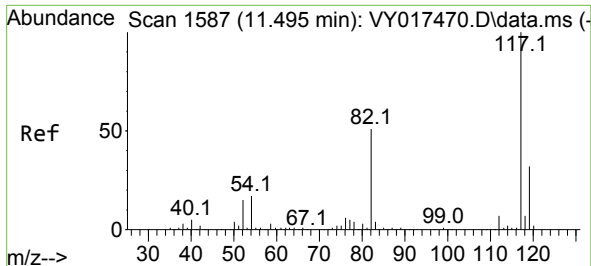
Ion Ratio Lower Upper

95 100

174 94.2 0.0 175.6

176 89.5 0.0 171.4

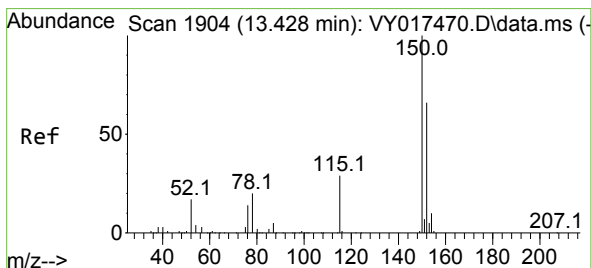
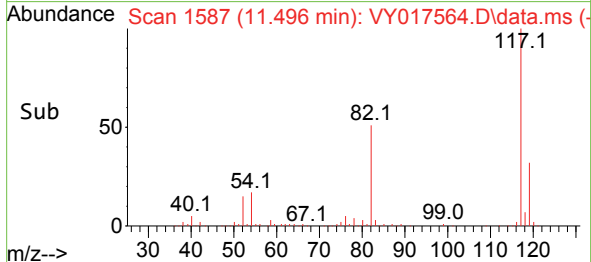
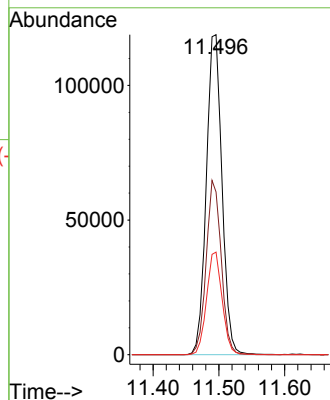
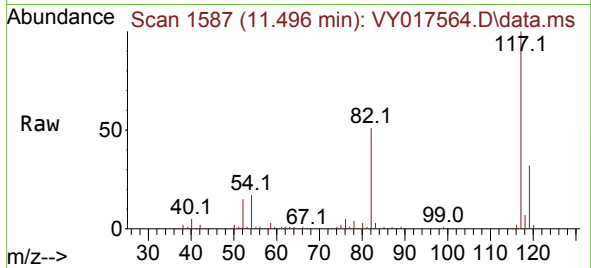




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

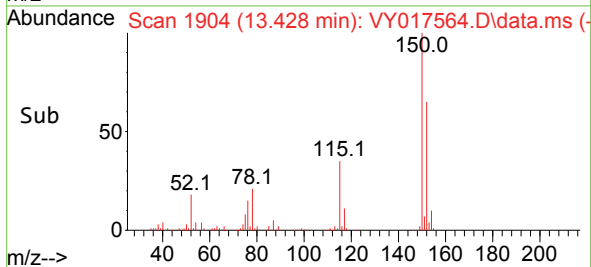
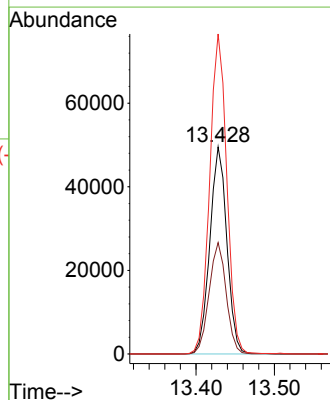
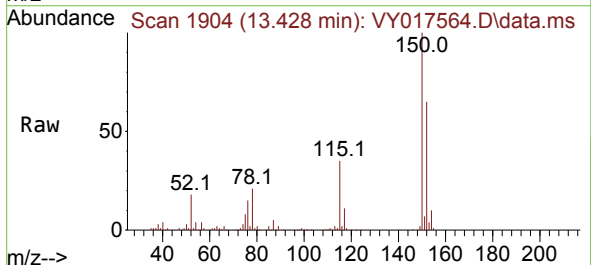
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

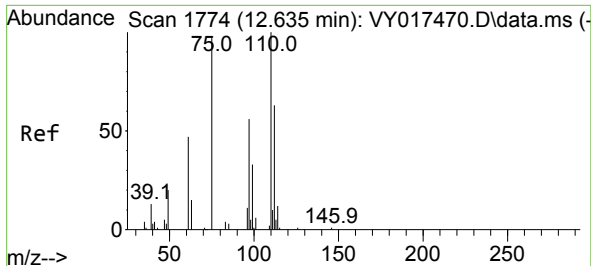
Tgt Ion:117 Resp: 196932
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion:152 Resp: 74805
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 155.3 0.0 345.6

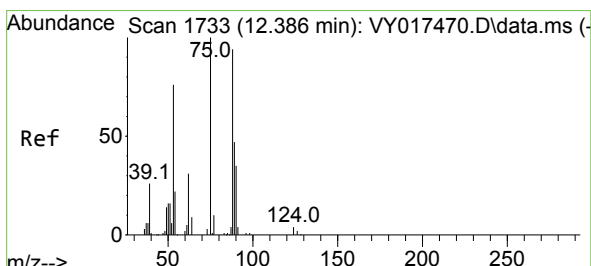
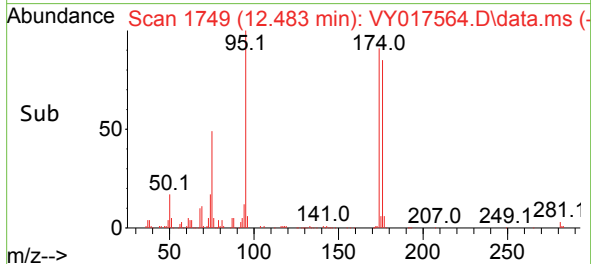
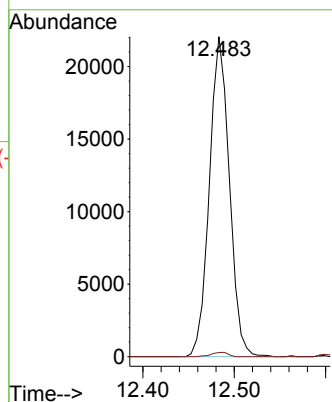
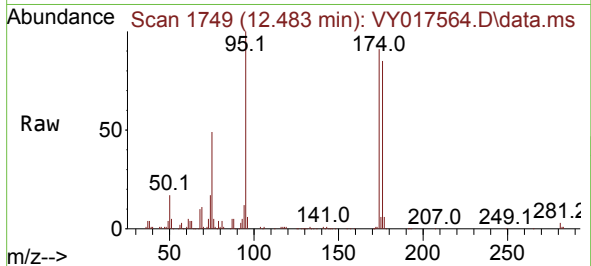




#76
1,2,3-Trichloropropane
Concen: 47.079 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

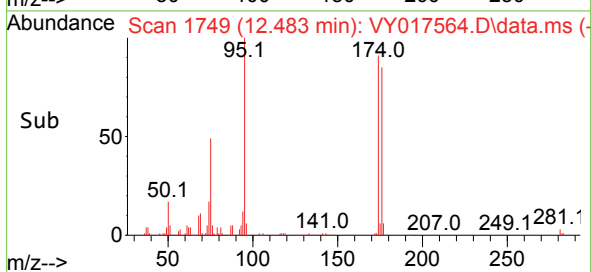
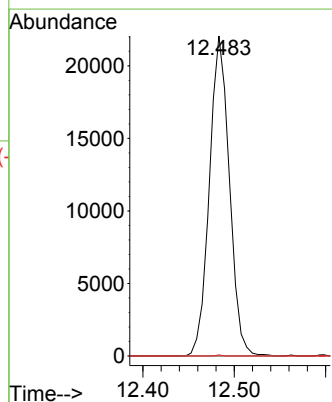
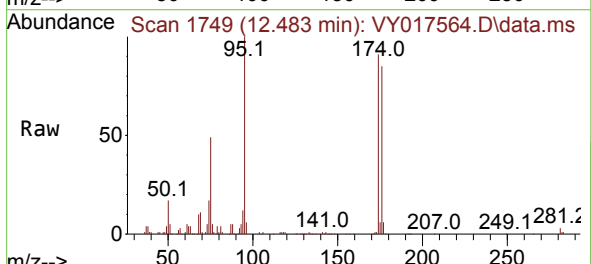
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

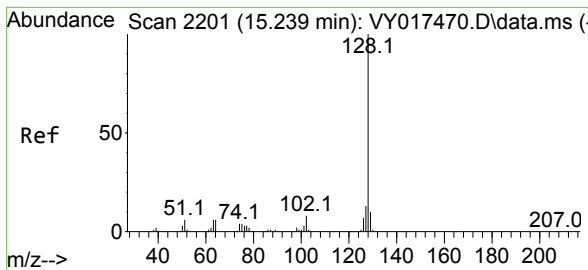
Tgt Ion: 75 Resp: 33462
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

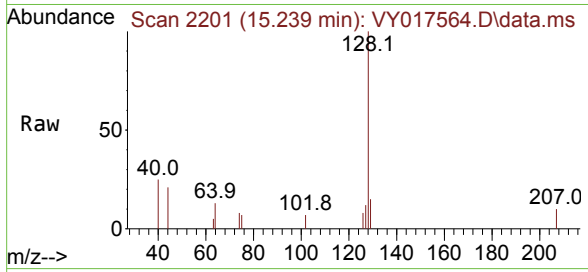
Tgt Ion: 75 Resp: 33462
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95
 Naphthalene
 Concen: 4.645 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017564.D
 Acq: 05 Mar 2024 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0305SBL01



Tgt Ion:	128	Resp:	1855
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	9.7	8.6	13.0

