

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017680.D
 Acq On : 15 Mar 2024 18:09
 Operator : SY/MD
 Sample : P1746-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Mar 16 00:19:49 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)

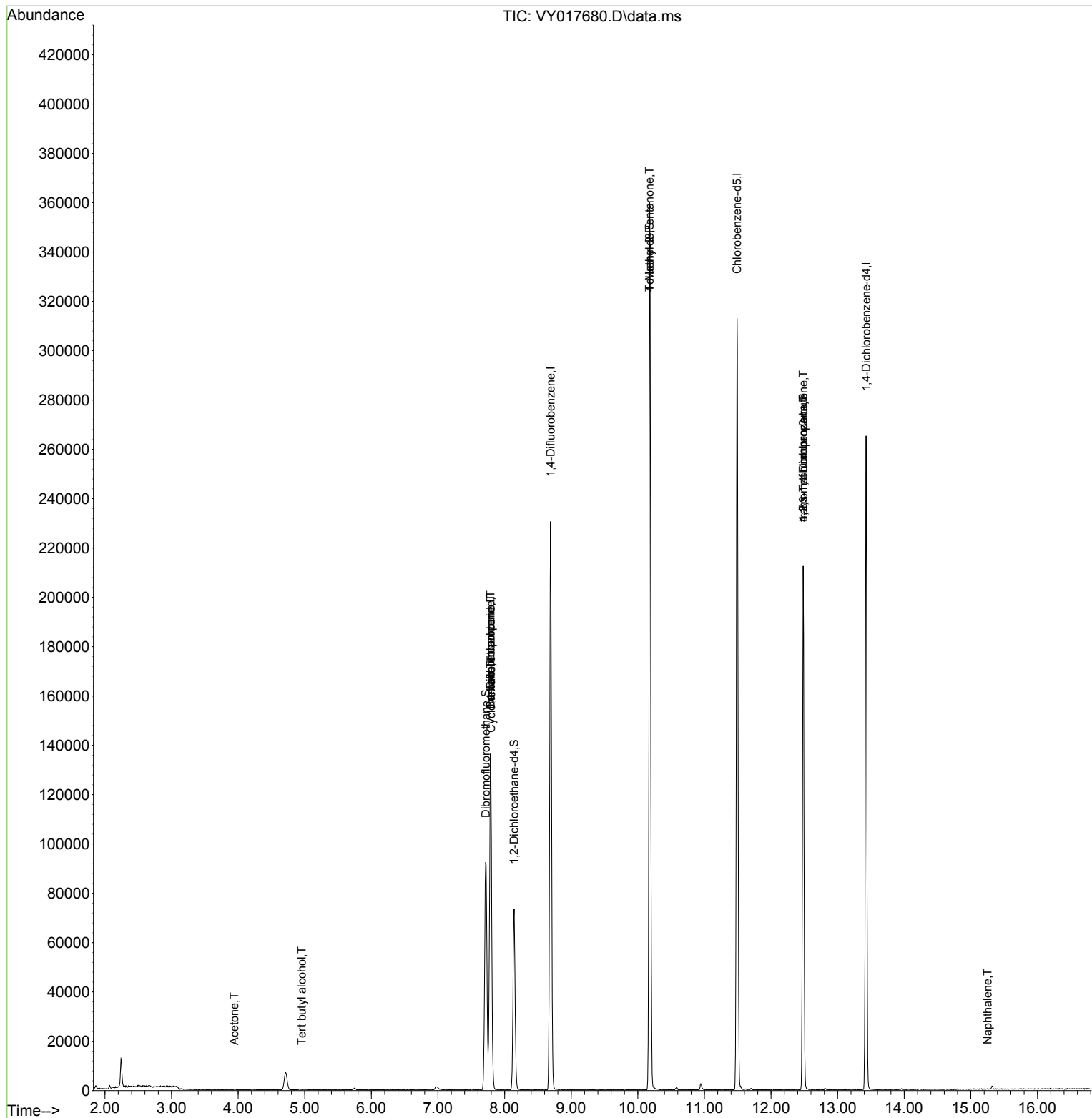
Internal Standards						
1) Pentafluorobenzene	7.789	168	113143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54068	50.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.840%	
35) Dibromofluoromethane	7.716	113	68742	47.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.960%	
50) Toluene-d8	10.179	98	241815	47.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.540%	
62) 4-Bromofluorobenzene	12.483	95	63706	40.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.080%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	114	1.252	ug/l #	88
16) Acetone	3.942	43	215	1.034	ug/l #	36
20) Methylene Chloride	4.710	84	6126	Below Cal		95
31) Cyclohexane	7.795	56	2027	1.162	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	7836	4.011	ug/l #	48
38) Carbon Tetrachloride	7.789	117	10301	5.262	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	797	1.055	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31062	46.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31062	106.467	ug/l #	16
95) Naphthalene	15.251	128	49	3.935	ug/l #	69

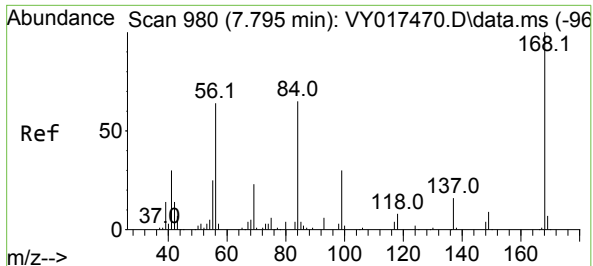
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
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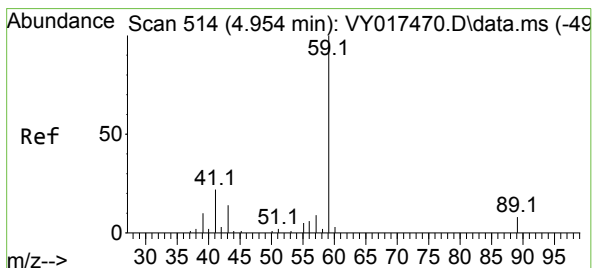
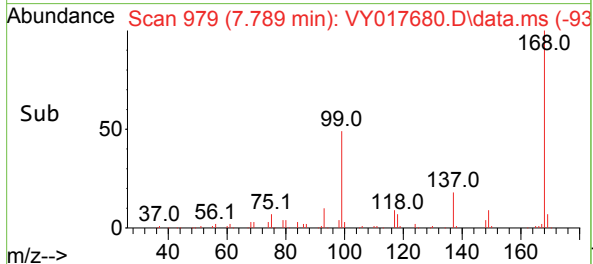
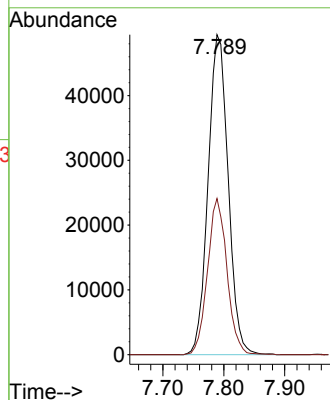
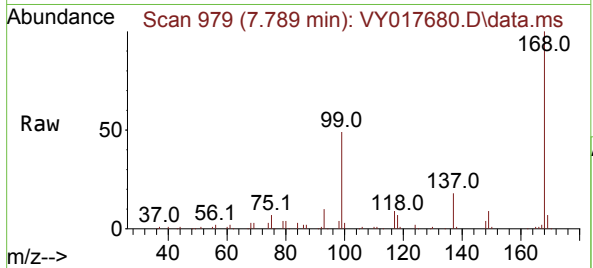




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

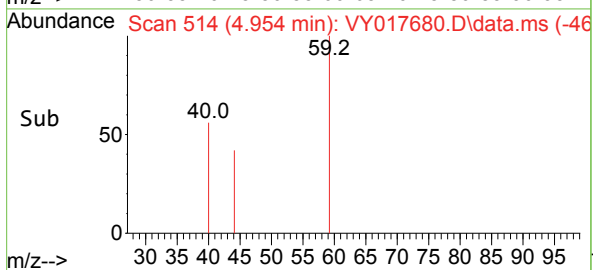
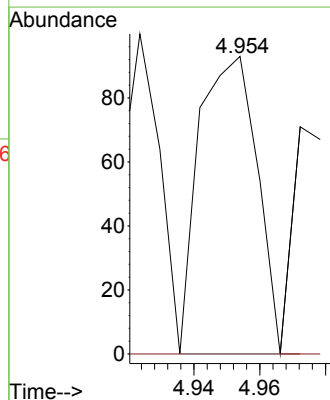
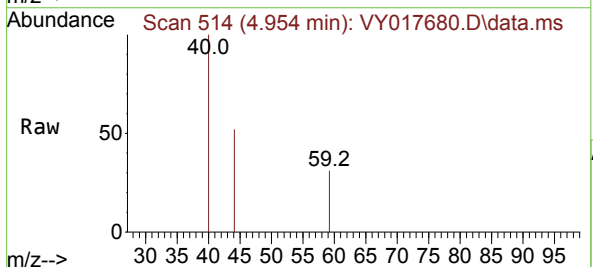
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion:168 Resp: 113143
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.252 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

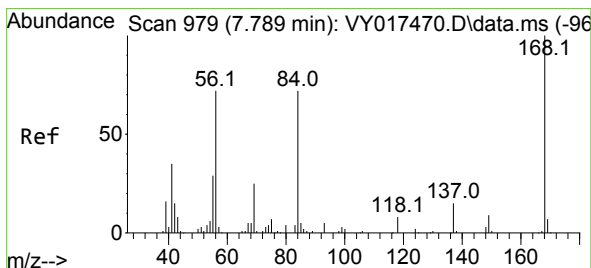
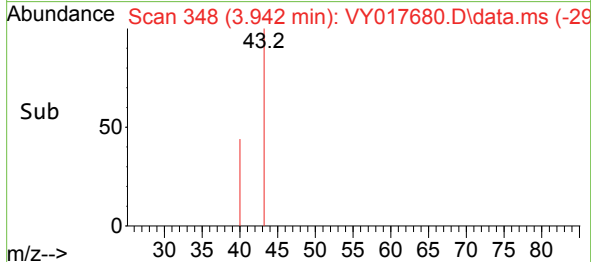
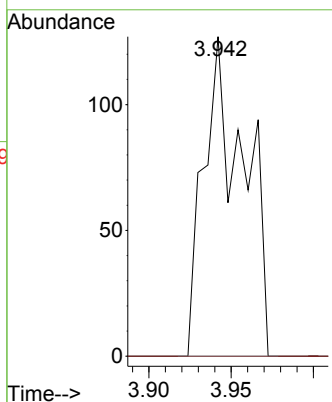
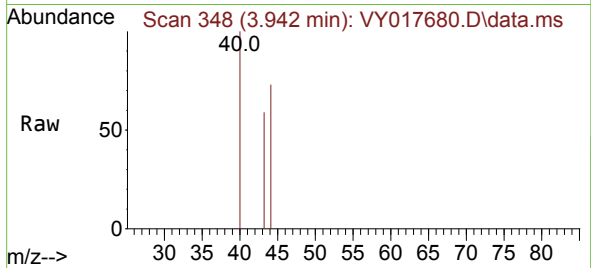




#16
Acetone
Concen: 1.034 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

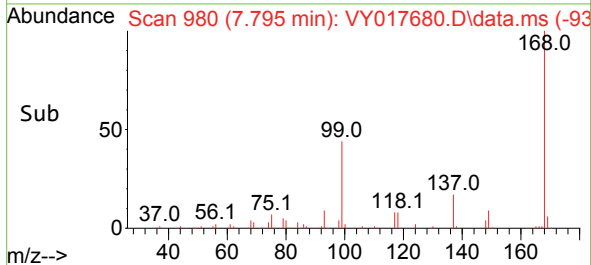
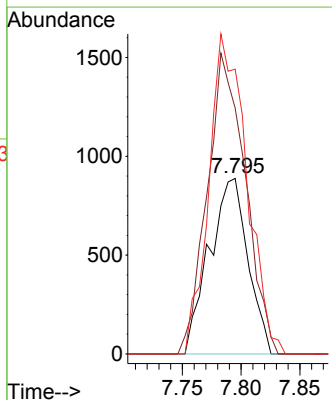
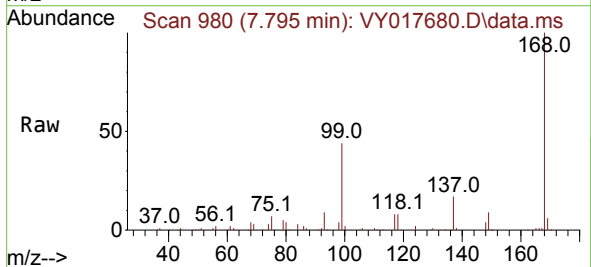
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ClientSampleId :
SB-01-0-2.0

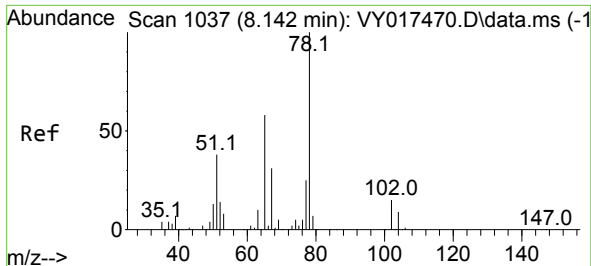
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Tgt Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
69 140.1 28.7 43.1#
84 162.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 50.423 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017680.D

Acq: 15 Mar 2024 18:09

Instrument :

MSVOA_Y

ClientSampleId :

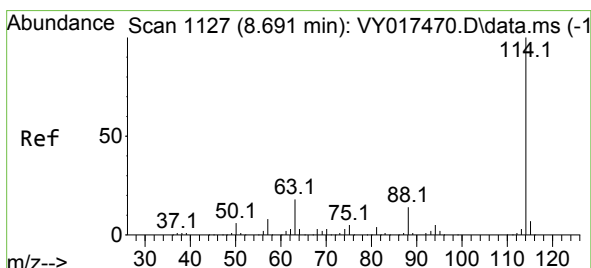
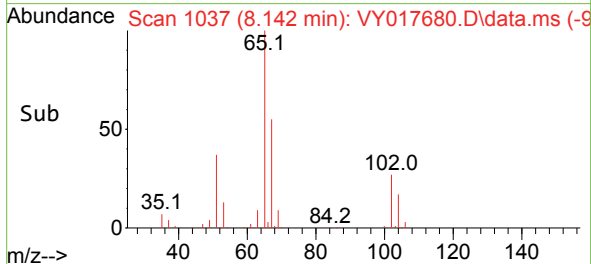
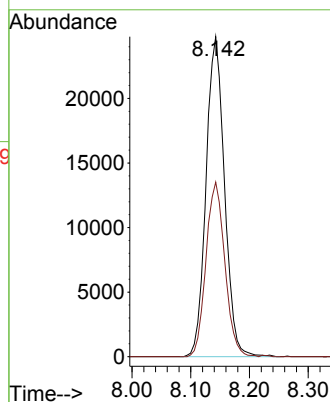
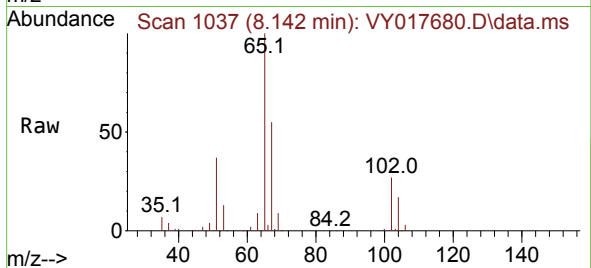
SB-01-0-2.0

Tgt Ion: 65 Resp: 54068

Ion Ratio Lower Upper

65 100

67 55.6 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: VY017680.D

Acq: 15 Mar 2024 18:09

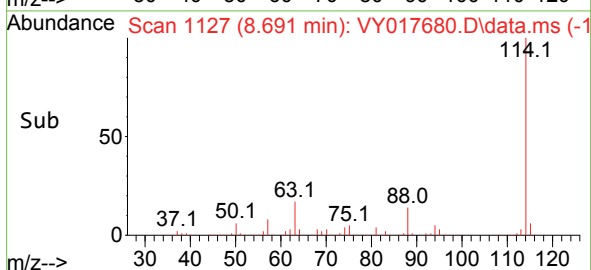
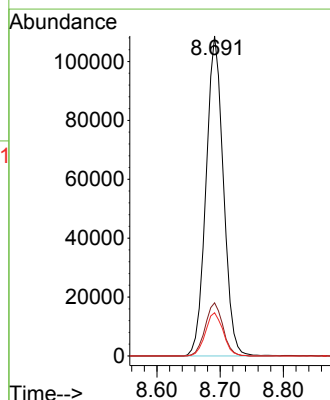
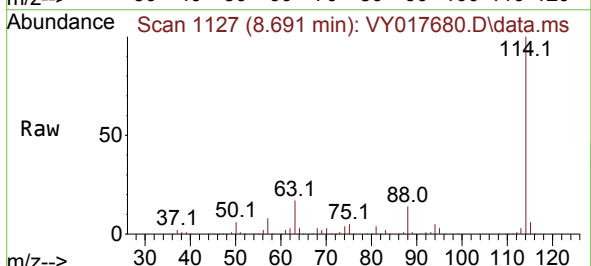
Tgt Ion:114 Resp: 207770

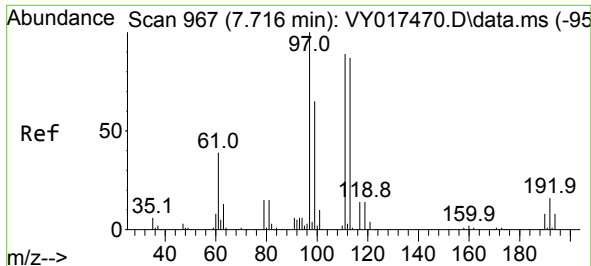
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.5 0.0 27.2

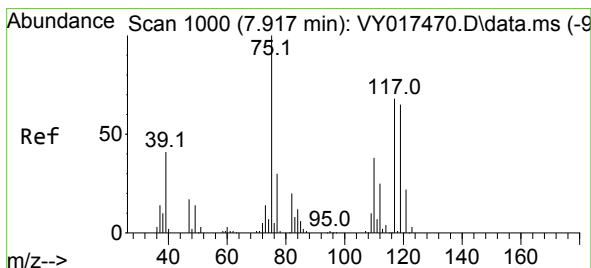
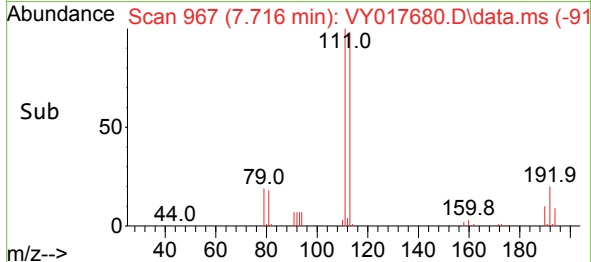
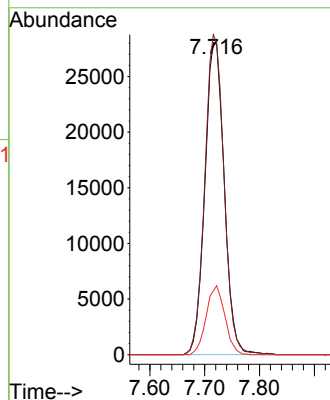
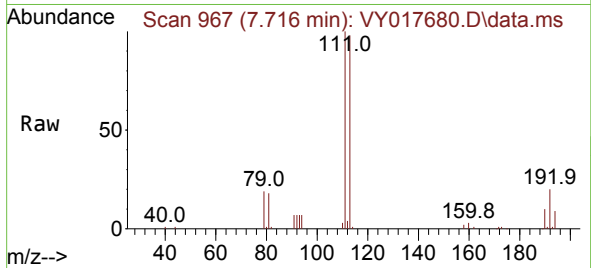




#35
Dibromofluoromethane
Concen: 47.480 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

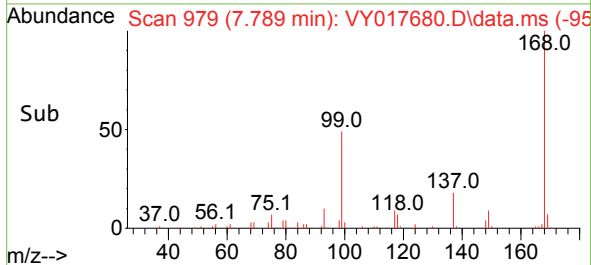
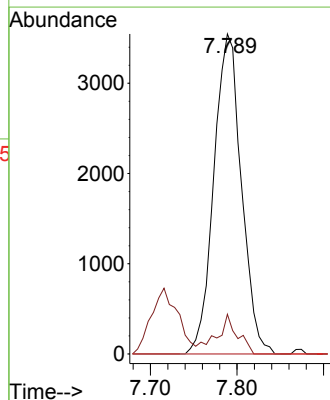
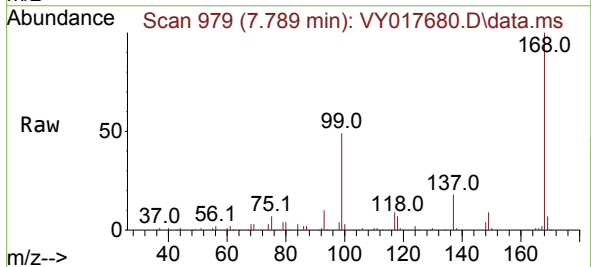
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

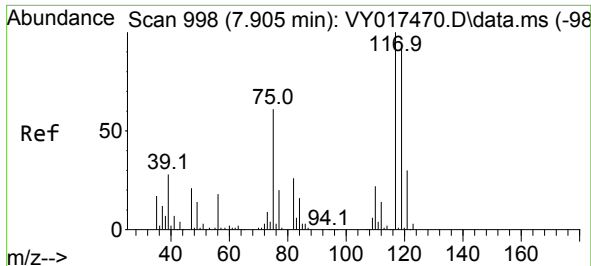
Tgt Ion:113 Resp: 68742
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.011 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Tgt Ion: 75 Resp: 7836
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#

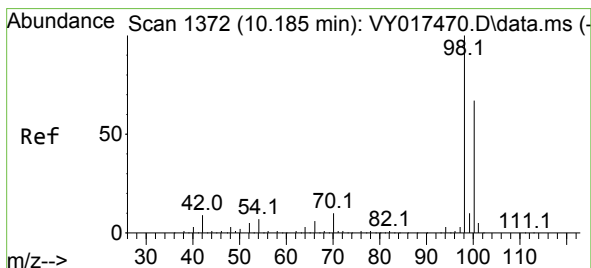
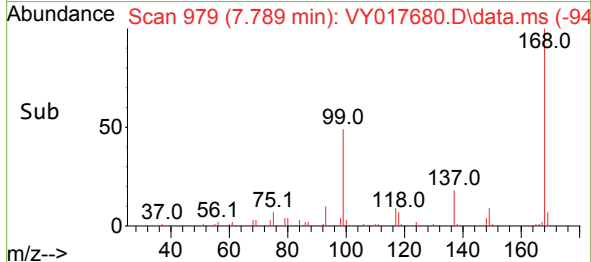
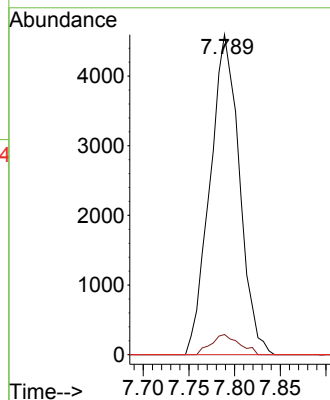
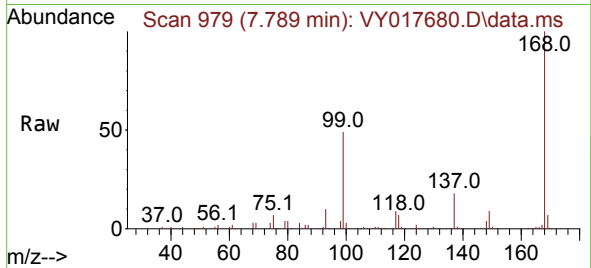




#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

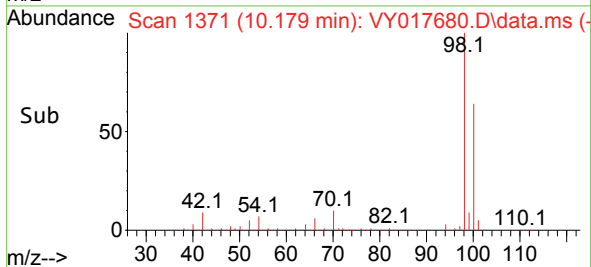
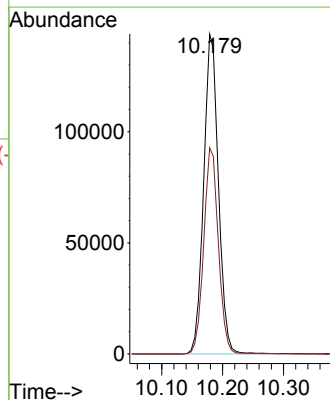
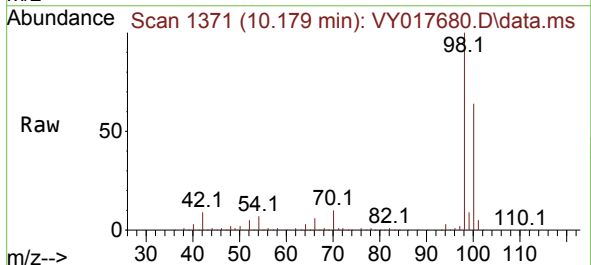
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

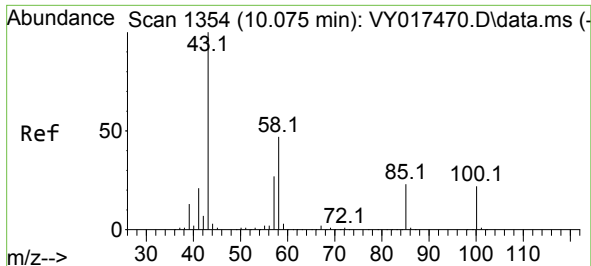
Tgt Ion:117 Resp: 10301
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.770 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Tgt Ion: 98 Resp: 241815
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

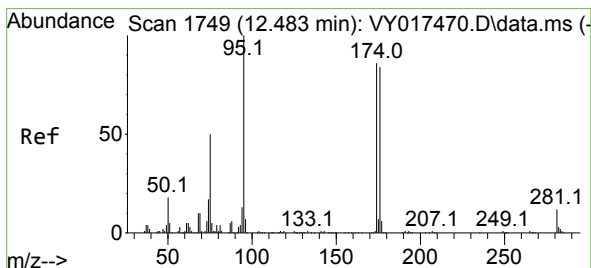
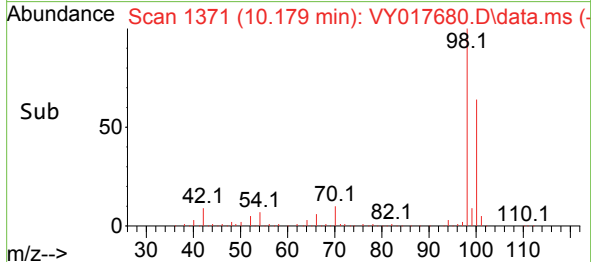
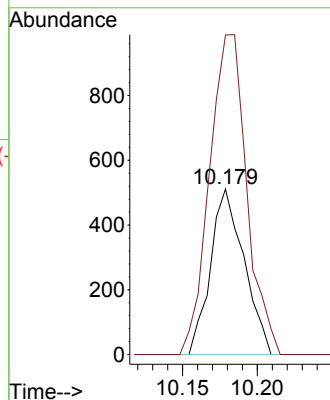
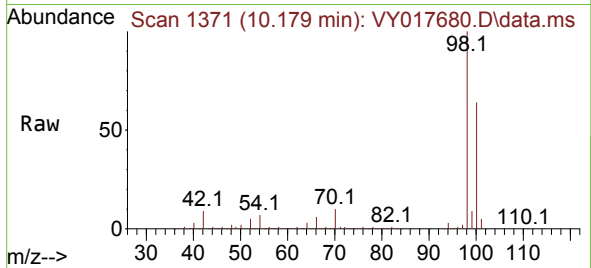




#51
4-Methyl-2-Pentanone
Concen: 1.055 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

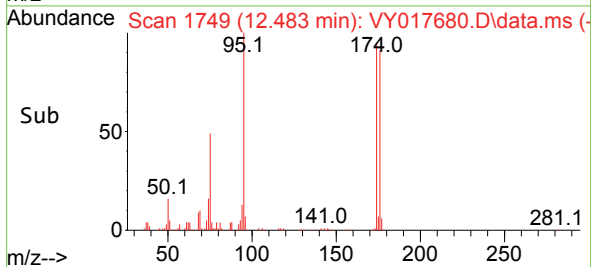
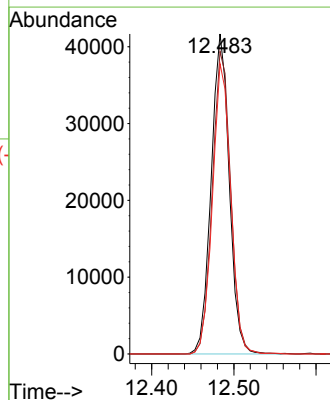
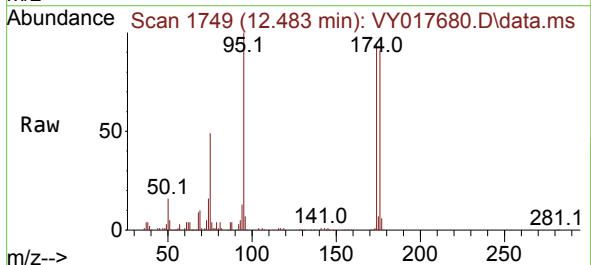
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MSVOA_Y
ClientSampleId :
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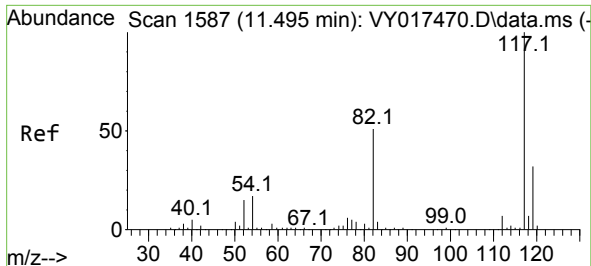
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 215.1 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.045 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Tgt Ion: 95 Resp: 63706
Ion Ratio Lower Upper
95 100
174 96.1 0.0 175.6
176 91.4 0.0 171.4

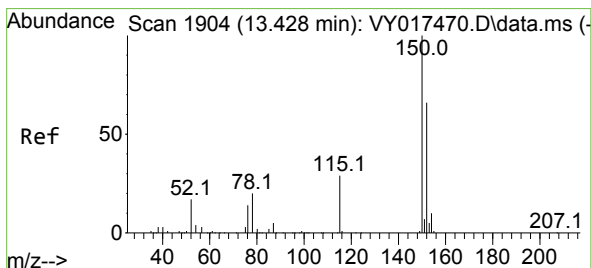
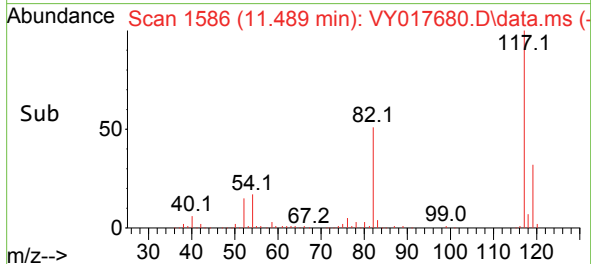
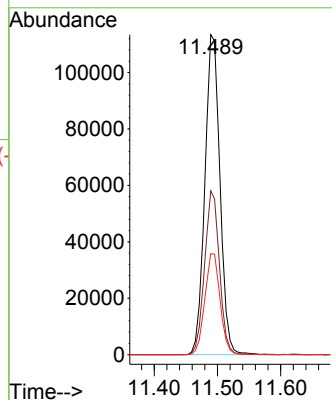
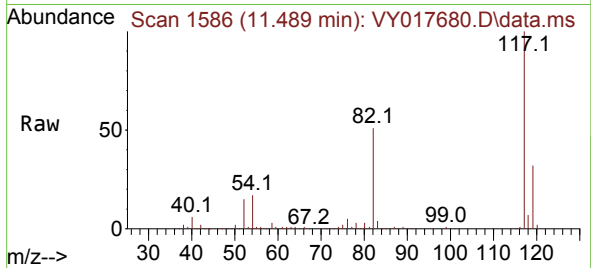




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

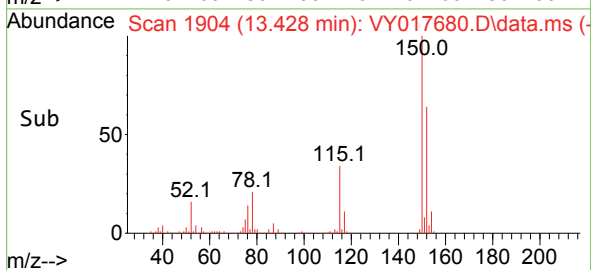
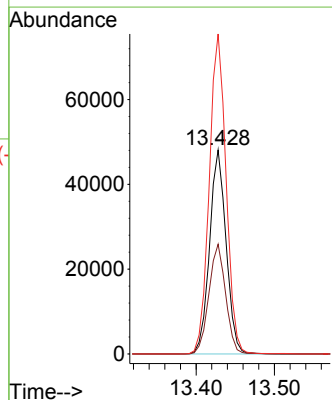
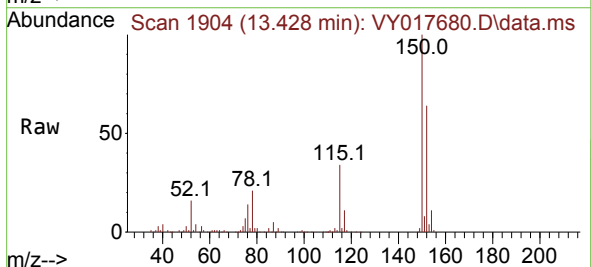
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

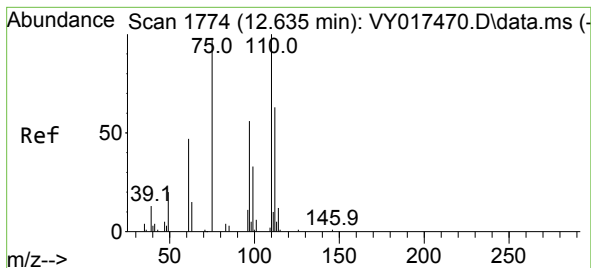
Tgt Ion:117 Resp: 188967
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Tgt Ion:152 Resp: 70555
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 159.2 0.0 345.6

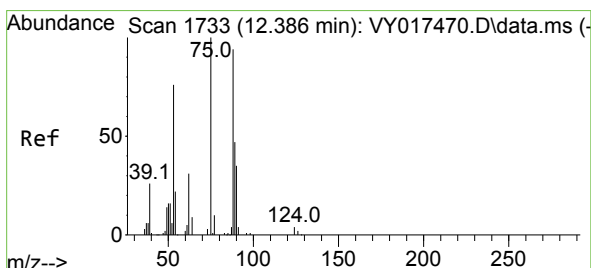
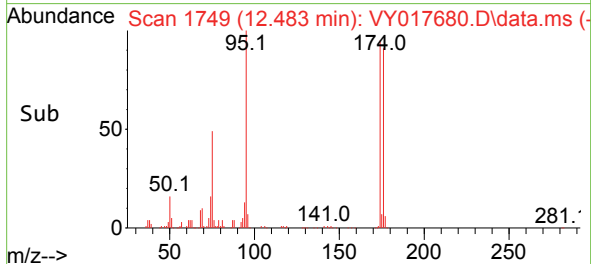
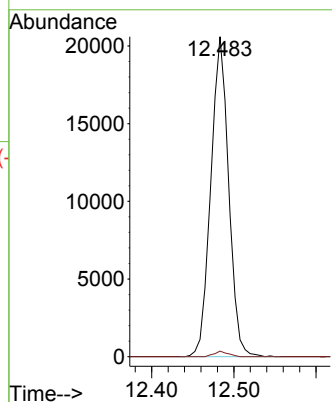
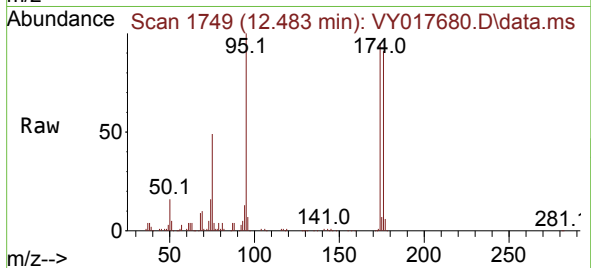




#76
1,2,3-Trichloropropane
Concen: 46.335 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

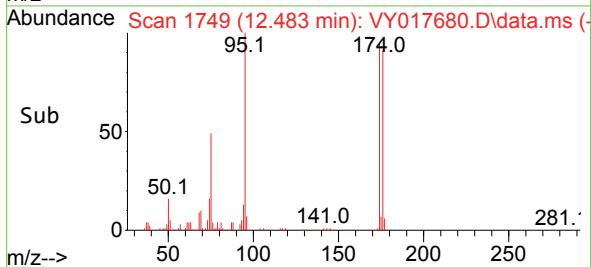
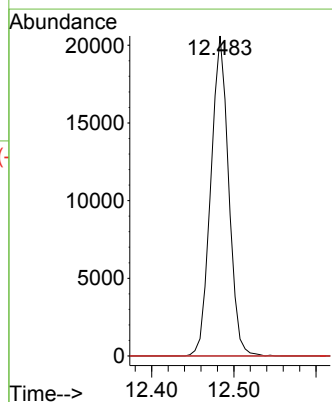
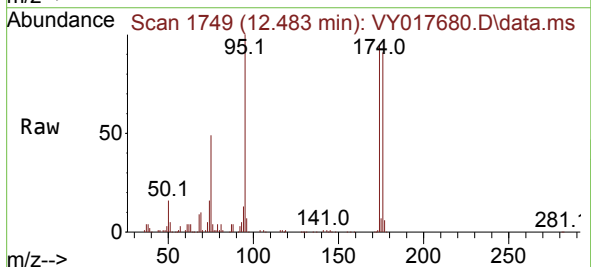
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

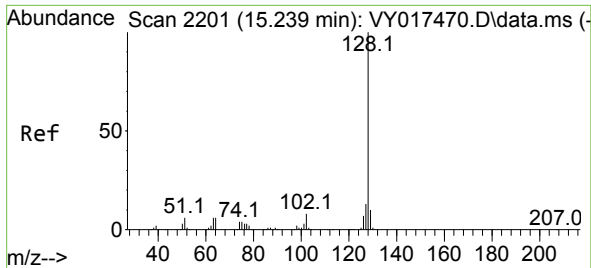
Tgt Ion: 75 Resp: 31062
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

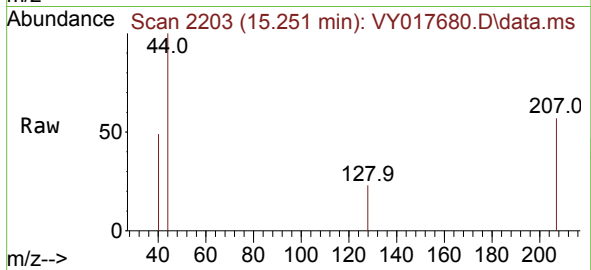
Tgt Ion: 75 Resp: 31062
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 3.935 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017680.D
Acq: 15 Mar 2024 18:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0



Tgt Ion:128 Resp: 49
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

