

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013194.D
 Acq On : 04 Apr 2023 17:05
 Operator : KP/MD
 Sample : 02165-01RE
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1BRE

Quant Time: Apr 05 01:20:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

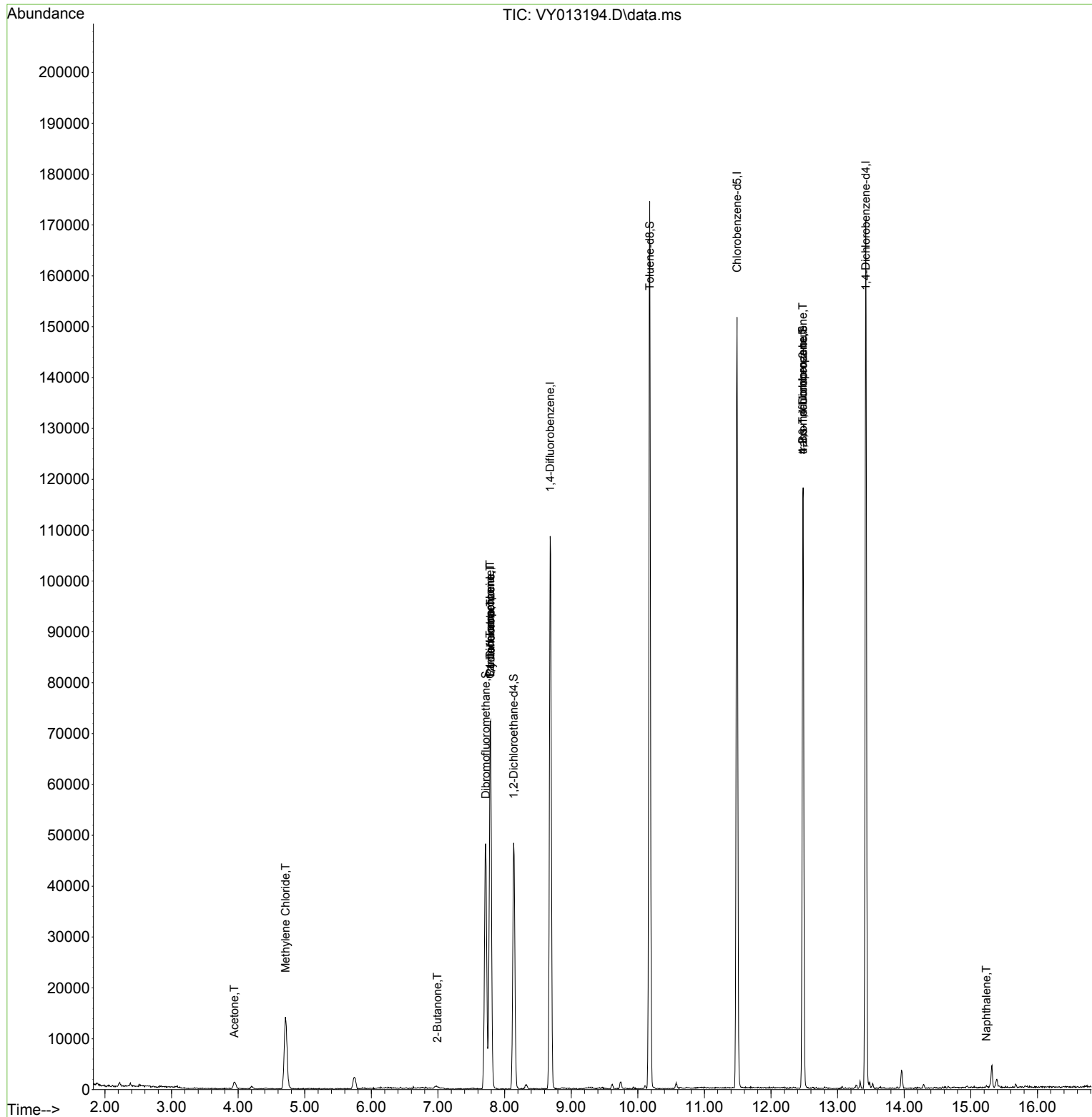
Internal Standards						
1) Pentafluorobenzene	7.789	168	59520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	79234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40260	62.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.880%	
35) Dibromofluoromethane	7.715	113	33444	54.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.178	98	113809	48.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	12.477	95	36532	48.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2636	13.477	ug/l	94
20) Methylene Chloride	4.710	84	10892	12.055	ug/l	86
25) 2-Butanone	6.990	43	429	1.754	ug/l #	49
31) Cyclohexane	7.789	56	1115	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	4184	4.491	ug/l #	48
38) Carbon Tetrachloride	7.782	117	5789	5.632	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	18737	38.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18737	84.979	ug/l #	13
95) Naphthalene	15.232	128	407	3.465	ug/l #	69

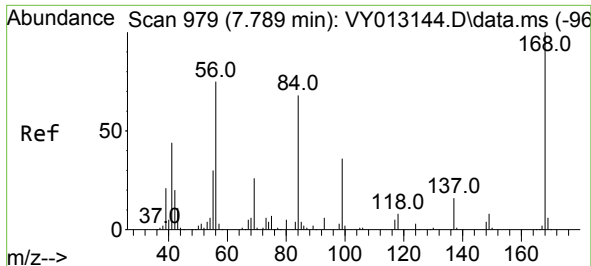
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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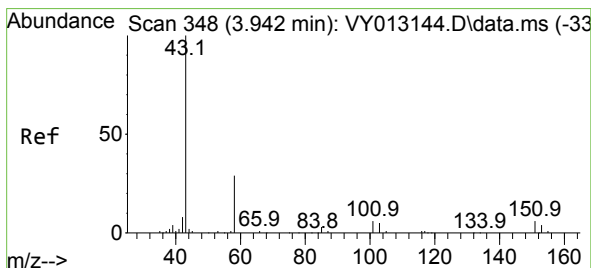
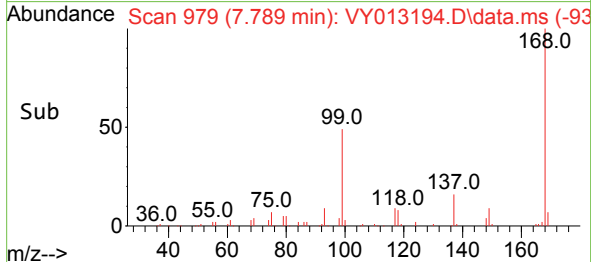
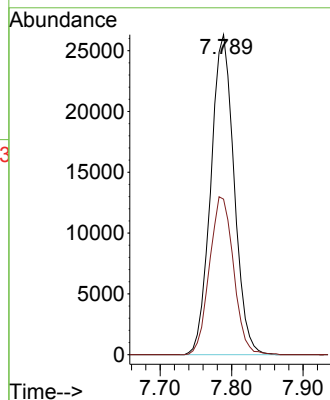
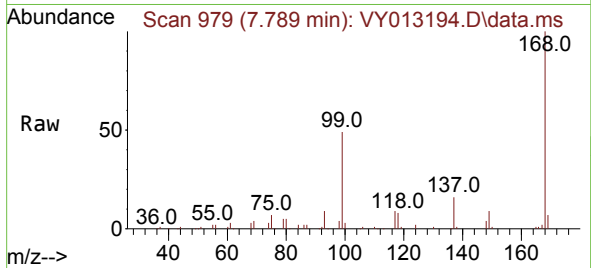




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

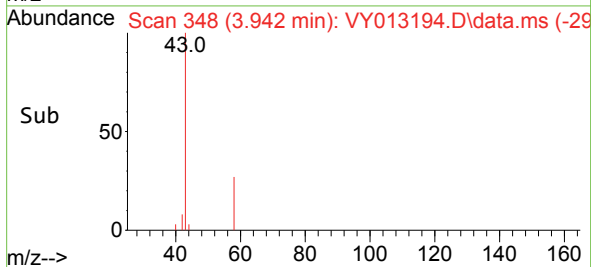
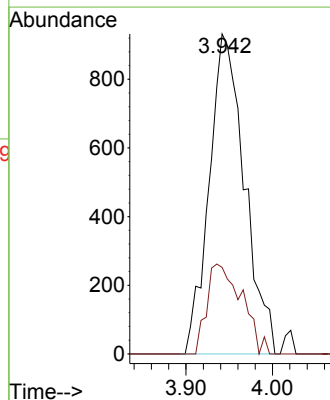
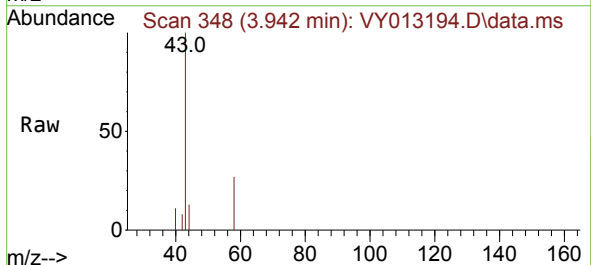
Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

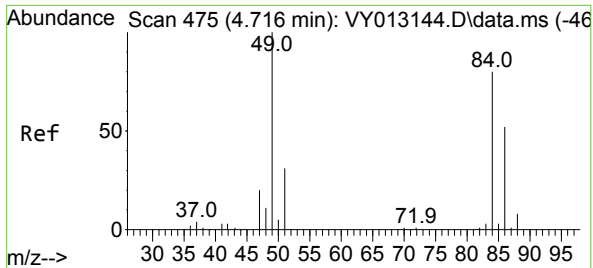
Tgt Ion:168 Resp: 59520
Ion Ratio Lower Upper
168 100
99 48.6 41.7 62.5



#16
Acetone
Concen: 13.477 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
58 27.0 24.2 36.2



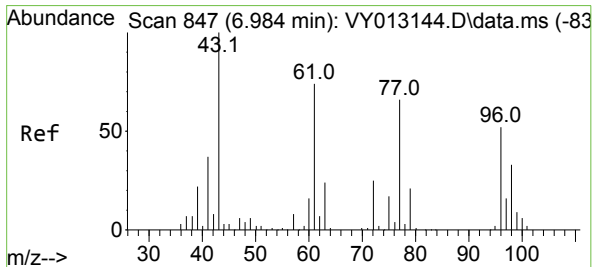
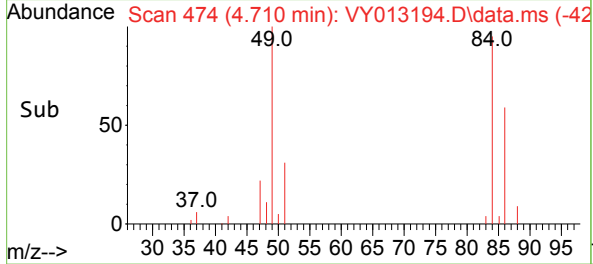
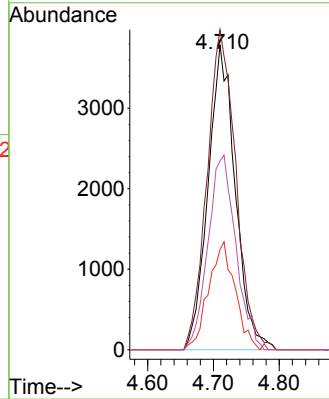
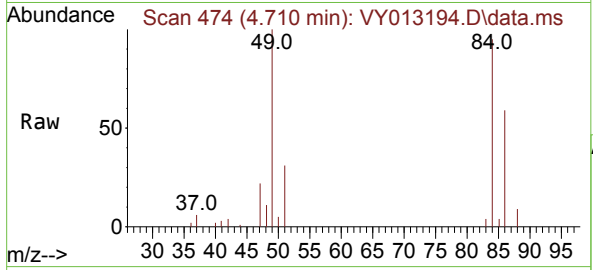


#20
Methylene Chloride
Concen: 12.055 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

Tgt Ion: 84 Resp: 10892

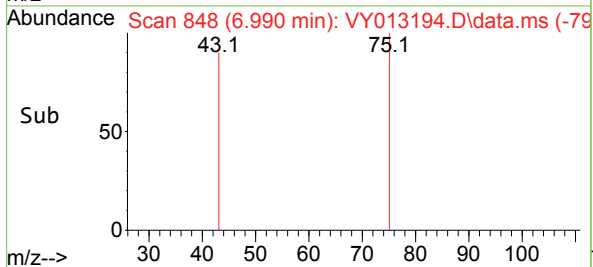
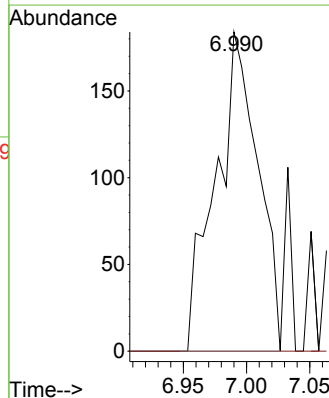
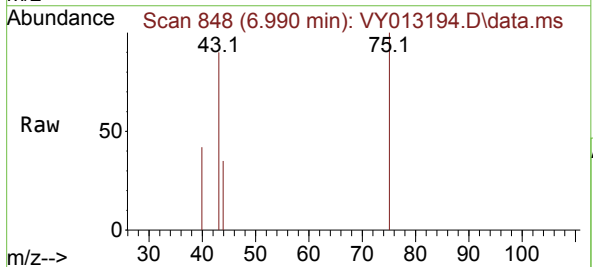
Ion	Ratio	Lower	Upper
84	100		
49	104.9	102.6	154.0
51	32.8	31.9	47.9
86	61.9	51.0	76.6

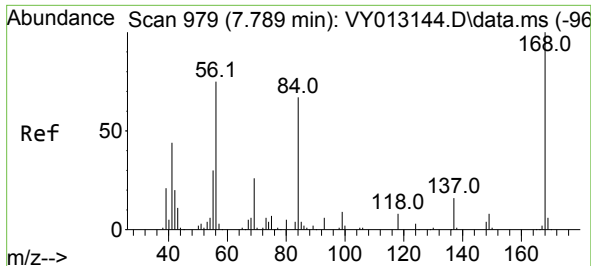


#25
2-Butanone
Concen: 1.754 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 43 Resp: 429

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

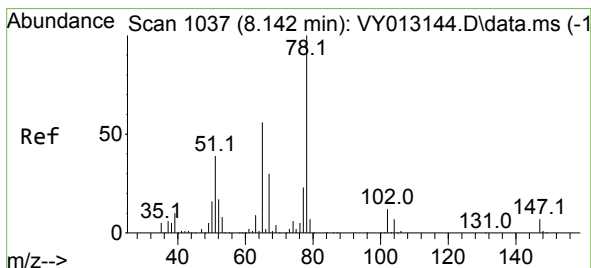
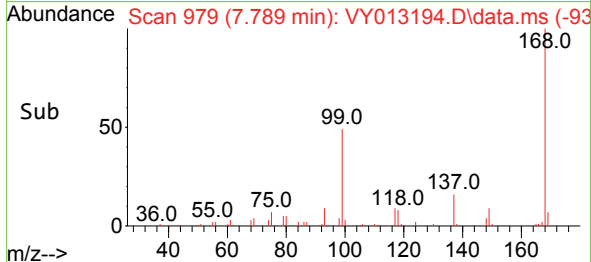
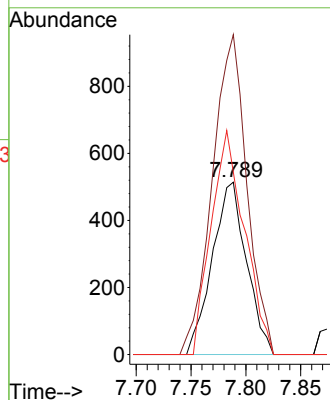
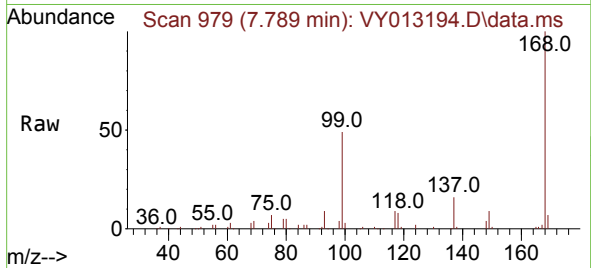




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

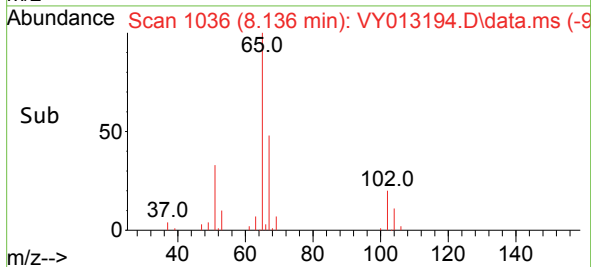
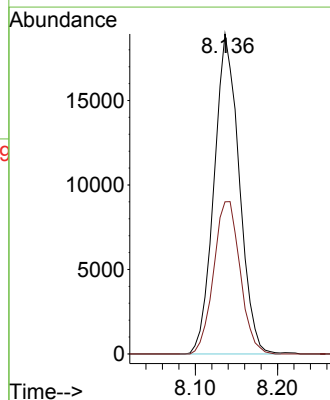
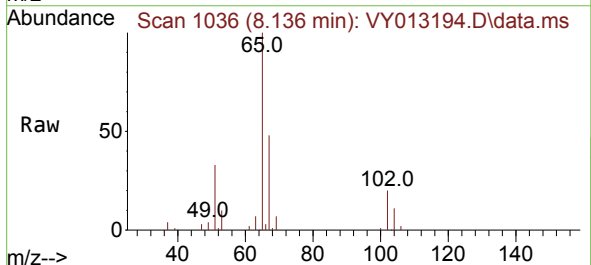
Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

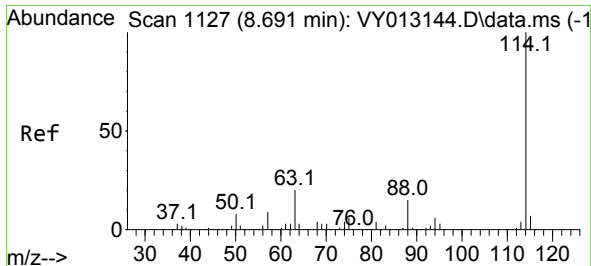
Tgt Ion: 56 Resp: 1115
Ion Ratio Lower Upper
56 100
69 185.6 25.7 38.5#
84 105.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.941 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 65 Resp: 40260
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0

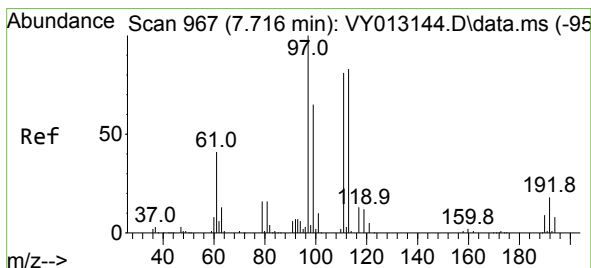
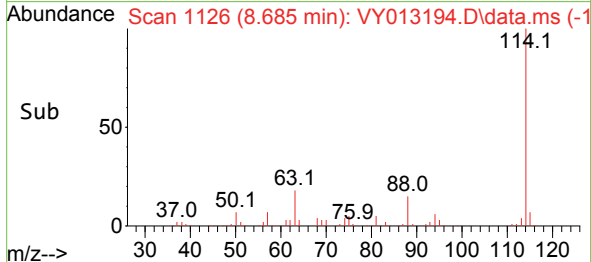
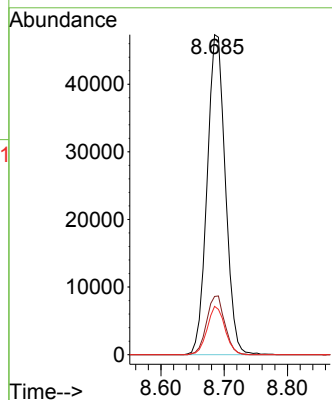
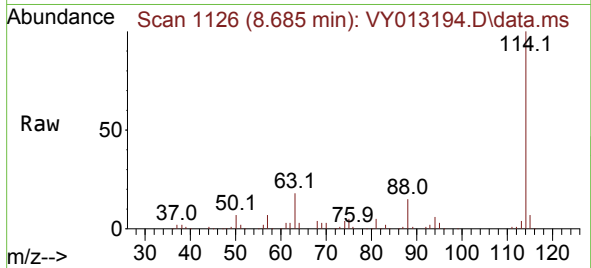




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

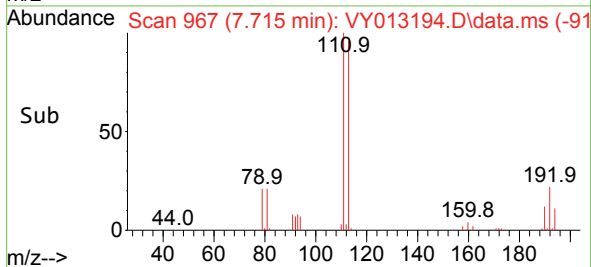
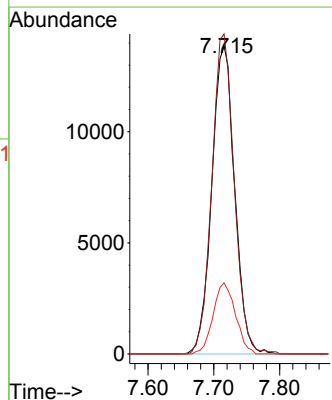
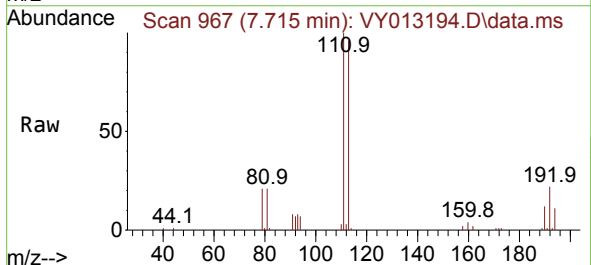
Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

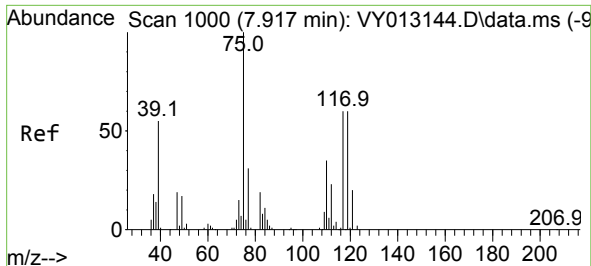
Tgt Ion:114 Resp: 94725
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 54.046 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion:113 Resp: 33444
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 22.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.491 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.135 min

Lab File: VY013194.D

Acq: 04 Apr 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-1BRE

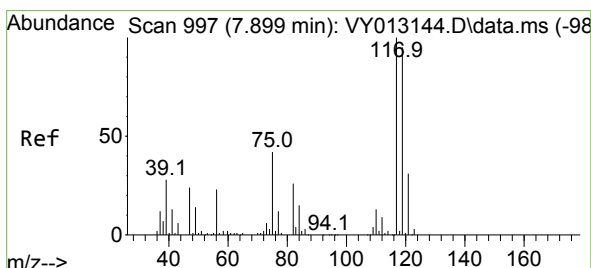
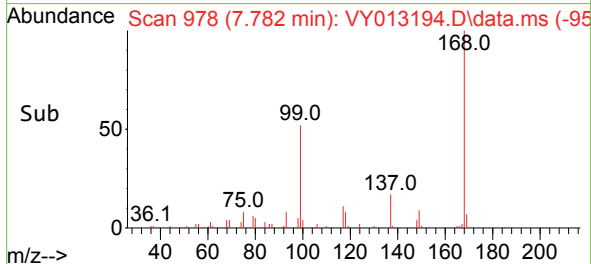
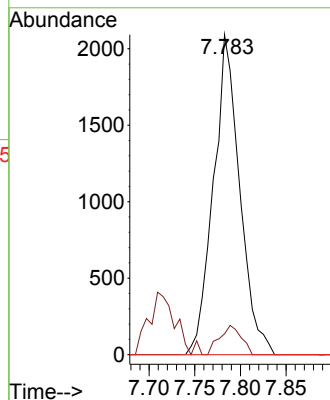
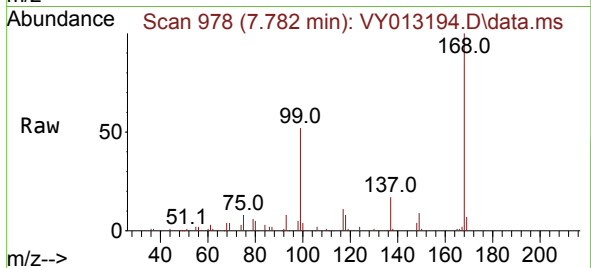
Tgt Ion: 75 Resp: 4184

Ion Ratio Lower Upper

75 100

110 7.6 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.632 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.117 min

Lab File: VY013194.D

Acq: 04 Apr 2023 17:05

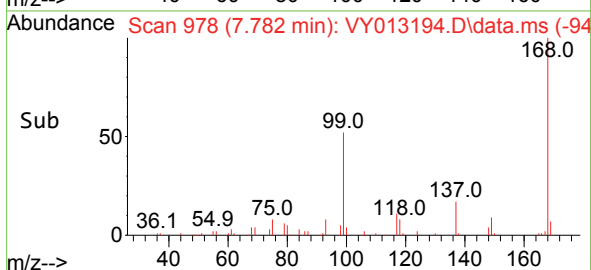
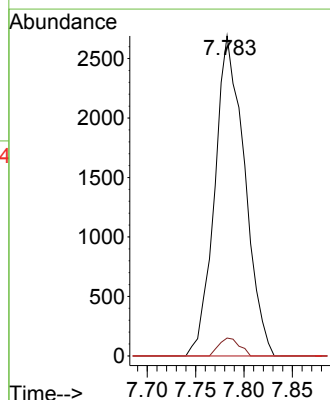
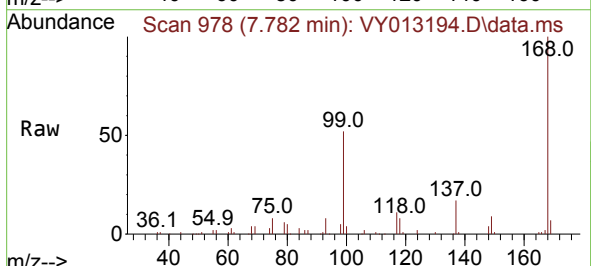
Tgt Ion: 117 Resp: 5789

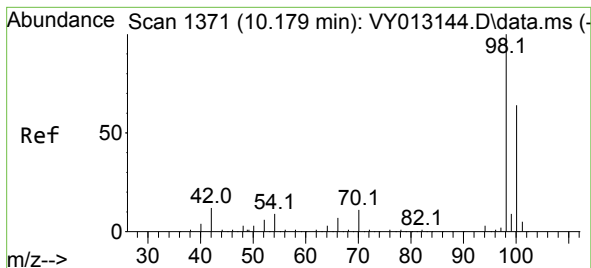
Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

121 0.0 24.7 37.1#

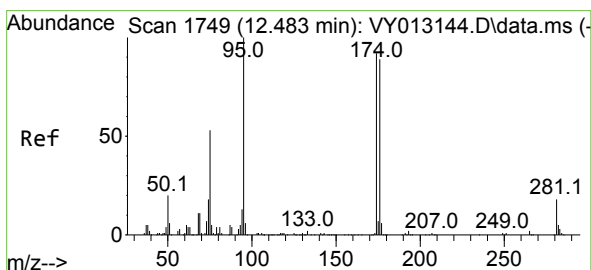
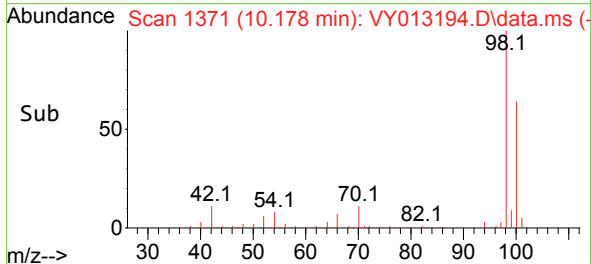
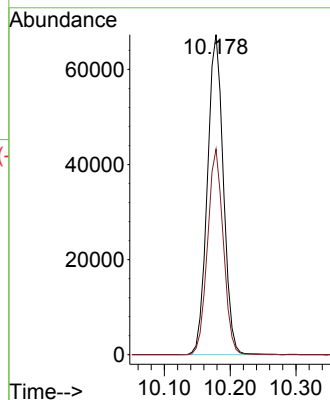
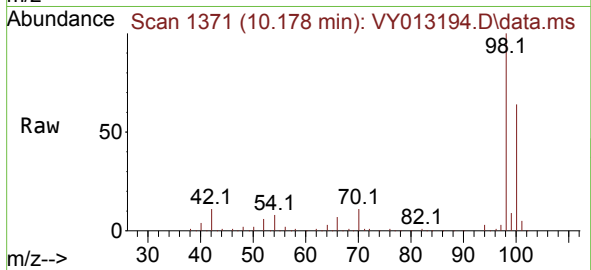




#50
Toluene-d8
Concen: 48.718 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

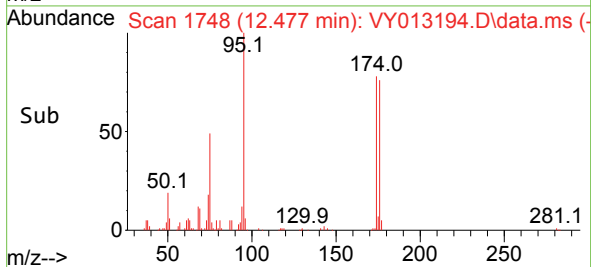
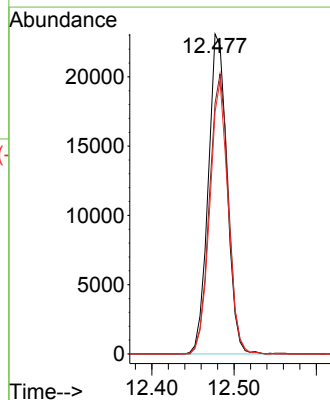
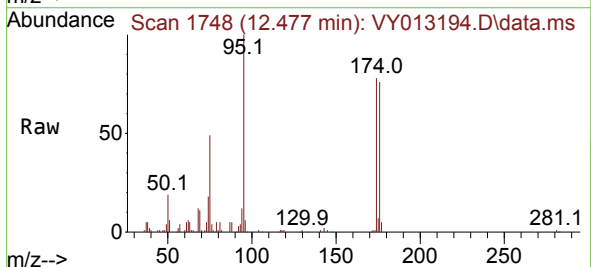
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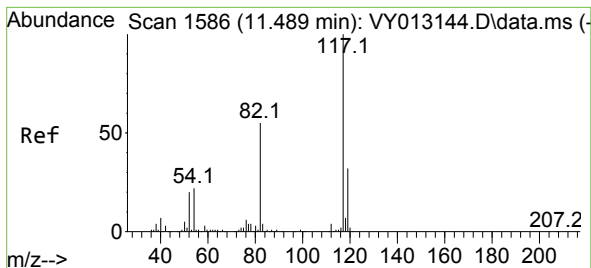
Tgt Ion: 98 Resp: 113809
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 95 Resp: 36532
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 83.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013194.D

Acq: 04 Apr 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-1BRE

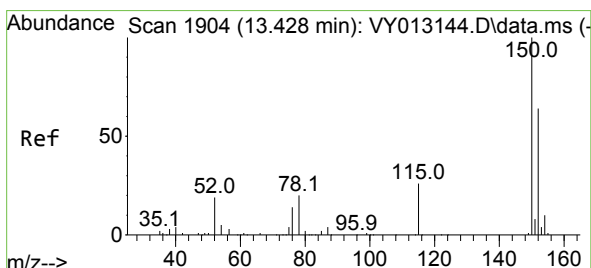
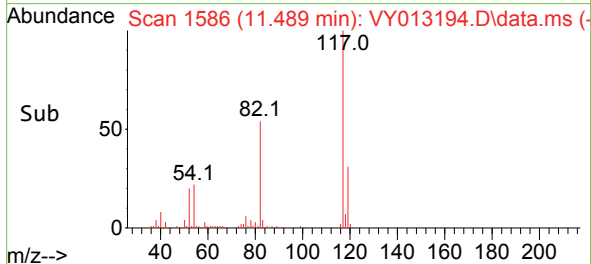
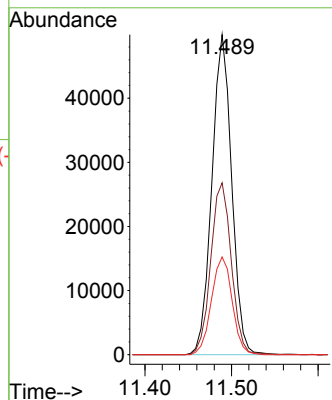
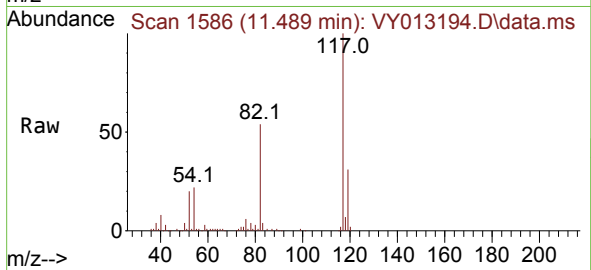
Tgt Ion:117 Resp: 79234

Ion Ratio Lower Upper

117 100

82 53.7 45.4 68.0

119 30.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013194.D

Acq: 04 Apr 2023 17:05

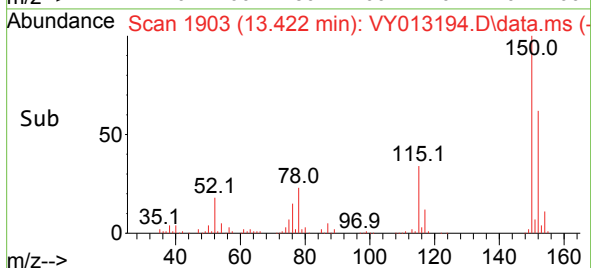
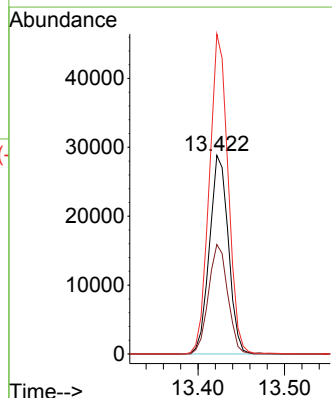
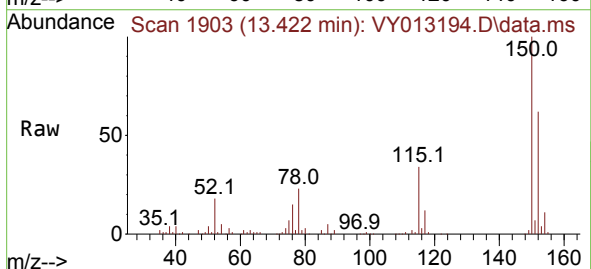
Tgt Ion:152 Resp: 43771

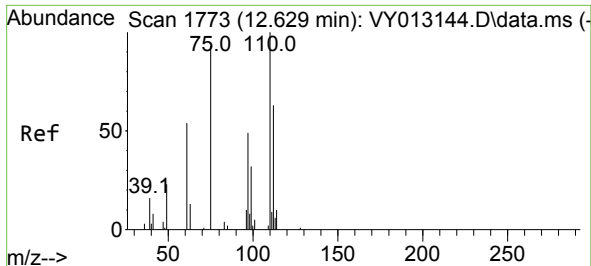
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 160.0 0.0 347.8

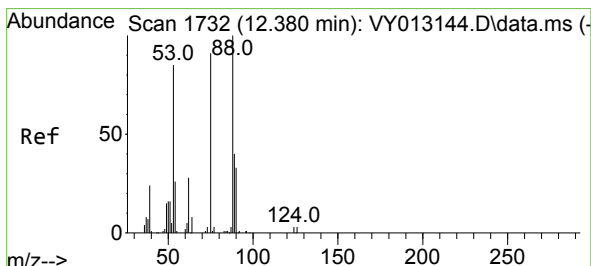
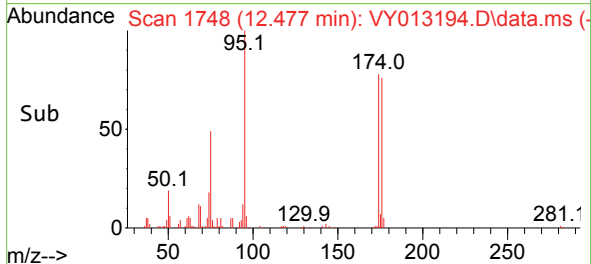
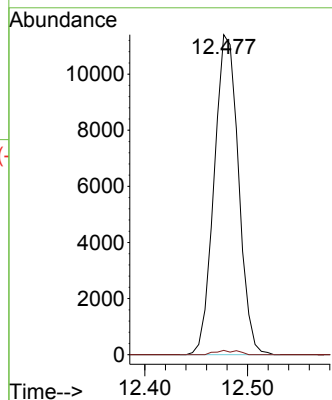
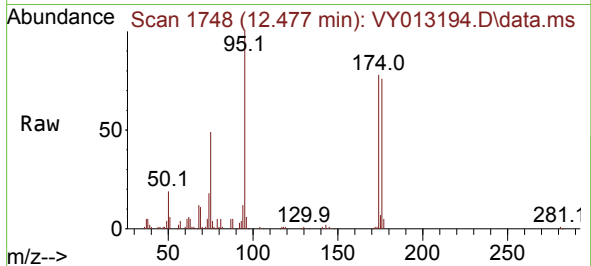




#76
1,2,3-Trichloropropane
Concen: 38.105 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

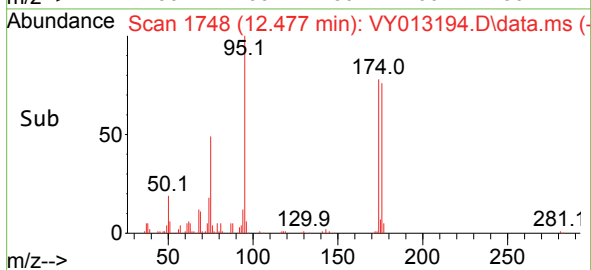
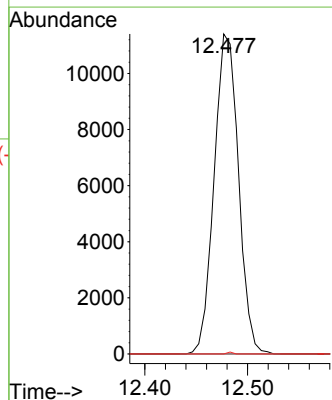
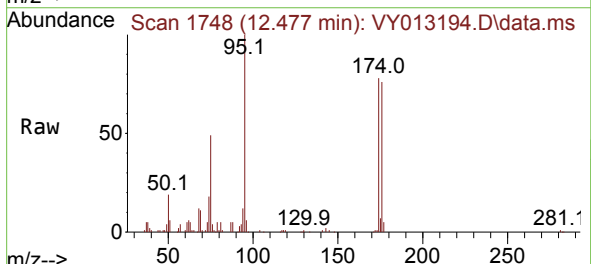
Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

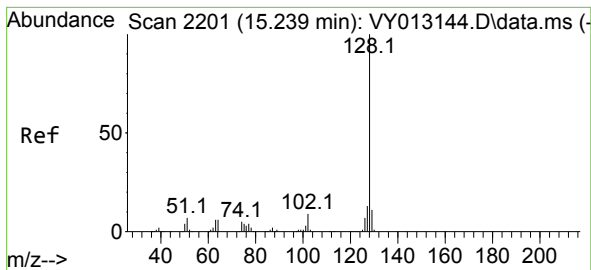
Tgt Ion: 75 Resp: 18737
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

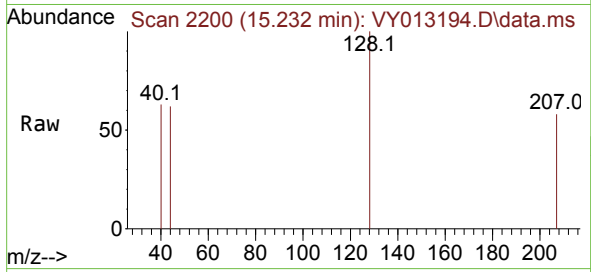
Tgt Ion: 75 Resp: 18737
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#





#95
Naphthalene
Concen: 3.465 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE



Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

