

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017694.D
 Acq On : 18 Mar 2024 17:24
 Operator : SY/MD
 Sample : P1764-04
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-4

Quant Time: Mar 19 04:11:17 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)

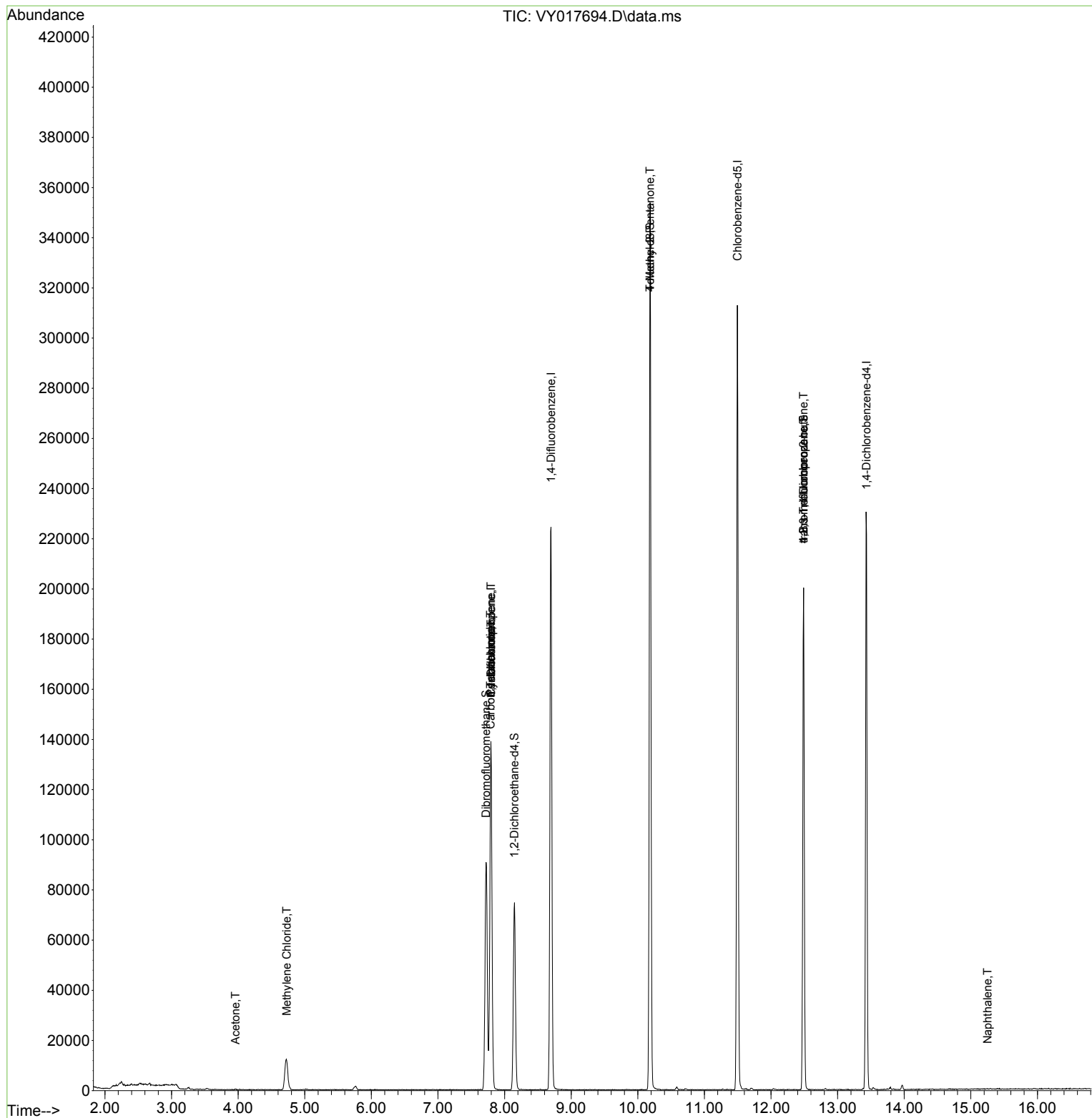
Internal Standards						
1) Pentafluorobenzene	7.795	168	112020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	179178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	63262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55158	51.955	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.920%			
35) Dibromofluoromethane	7.722	113	66868	46.990	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.980%			
50) Toluene-d8	10.185	98	234071	47.045	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.080%			
62) 4-Bromofluorobenzene	12.489	95	59832	38.264	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.520%			
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	227	1.102	ug/l #	36
20) Methylene Chloride	4.728	84	10380	3.484	ug/l	95
31) Cyclohexane	7.795	56	2012	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7859	4.093	ug/l #	48
38) Carbon Tetrachloride	7.789	117	10221	5.312	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	753	1.014	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	29839	49.642	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	29839	114.066	ug/l #	16
95) Naphthalene	15.251	128	196	4.005	ug/l #	69

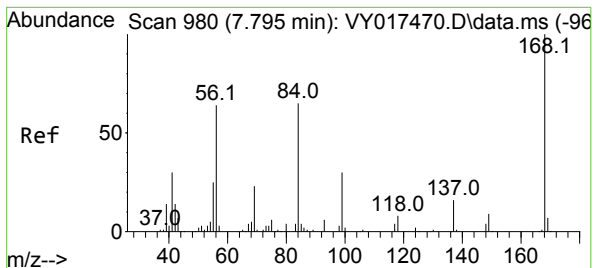
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY017694.D

Acq: 18 Mar 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

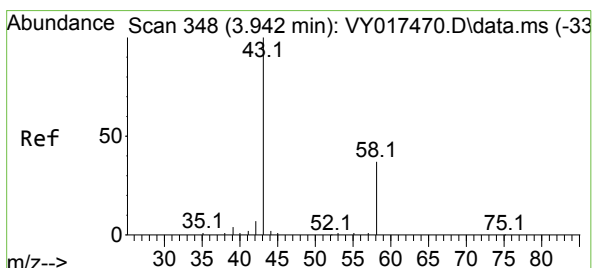
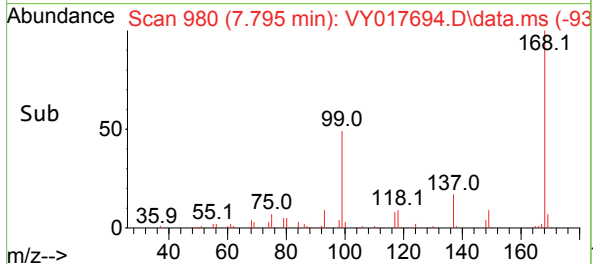
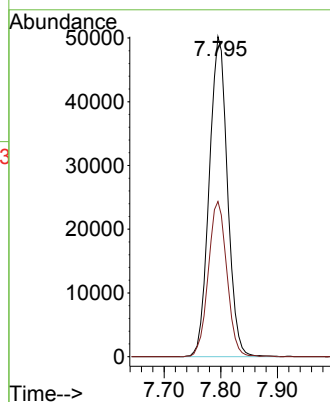
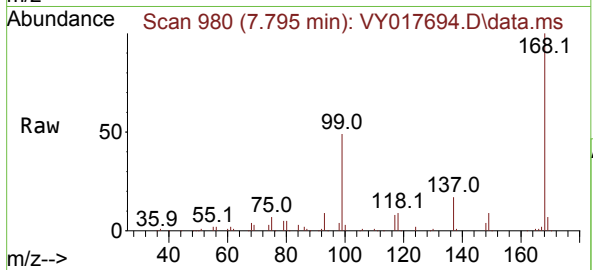
GRAB-4

Tgt Ion:168 Resp: 112020

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



#16

Acetone

Concen: 1.102 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.018 min

Lab File: VY017694.D

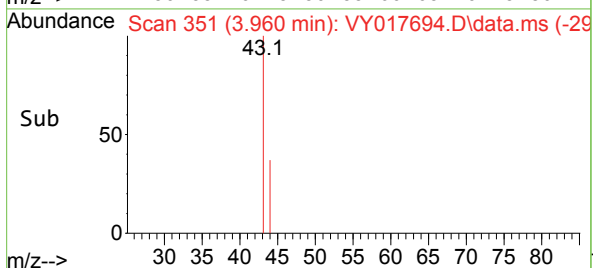
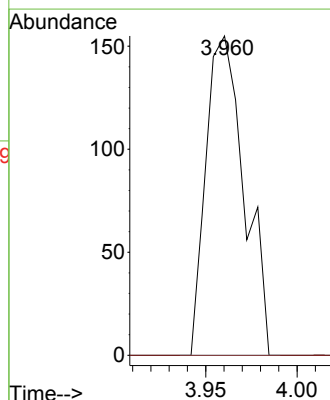
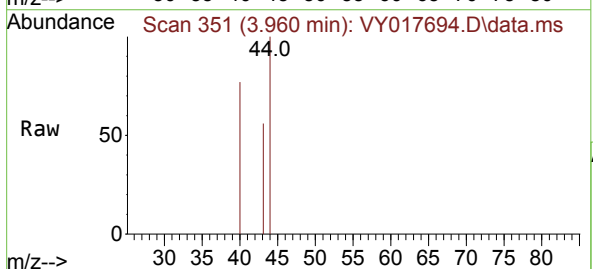
Acq: 18 Mar 2024 17:24

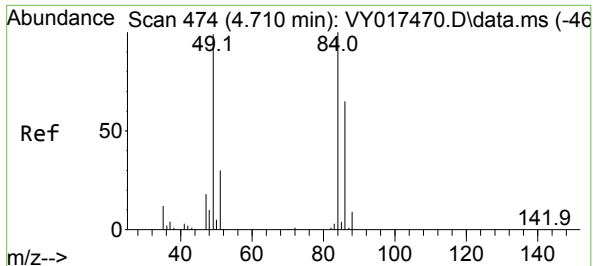
Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#

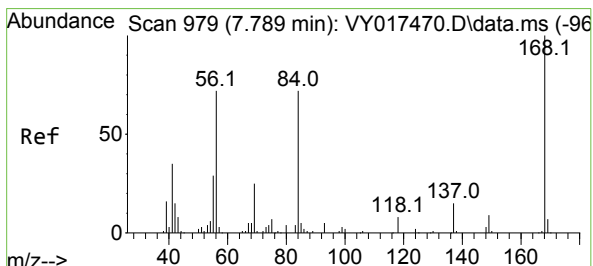
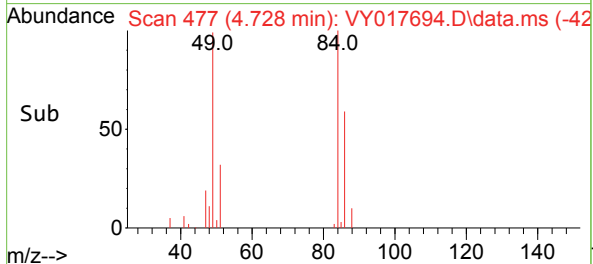
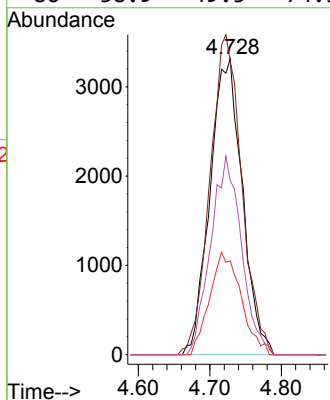
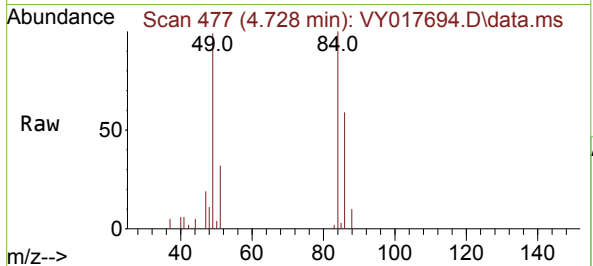




#20
Methylene Chloride
Concen: 3.484 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

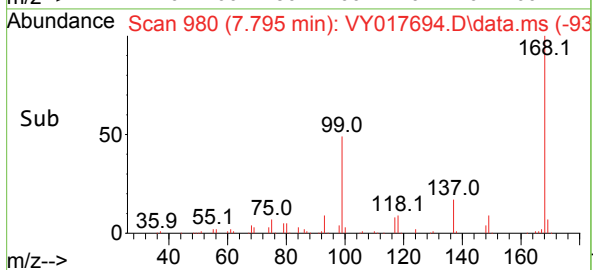
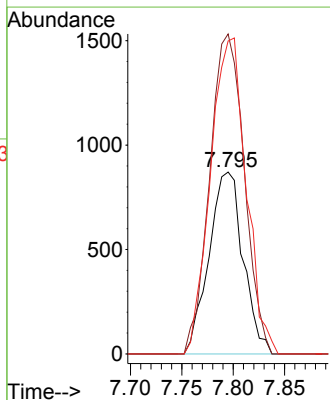
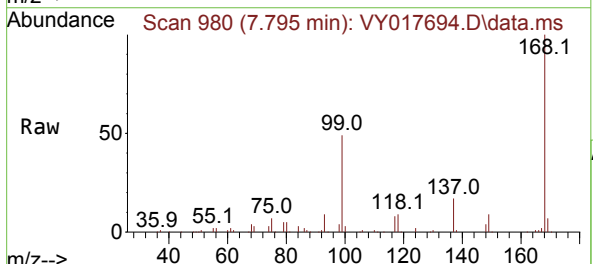
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

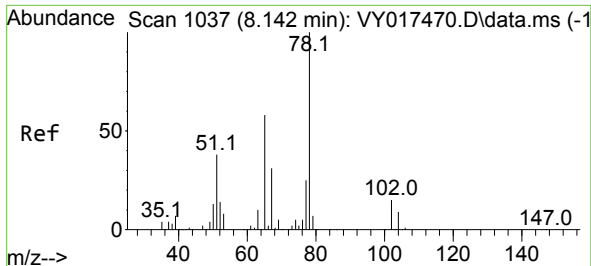
Tgt Ion:	84	Resp:	10380
Ion	Ratio	Lower	Upper
84	100		
49	99.2	84.4	126.6
51	31.7	26.0	39.0
86	58.9	49.5	74.3



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

Tgt Ion:	56	Resp:	2012
Ion	Ratio	Lower	Upper
56	100		
69	175.9	28.7	43.1#
84	172.0	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.955 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017694.D

Acq: 18 Mar 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

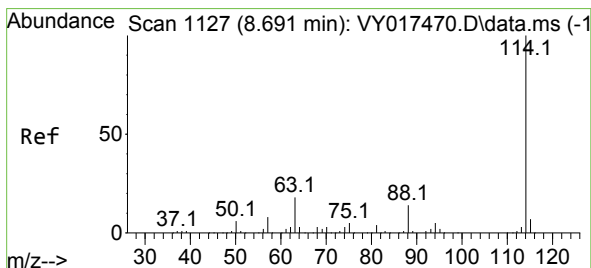
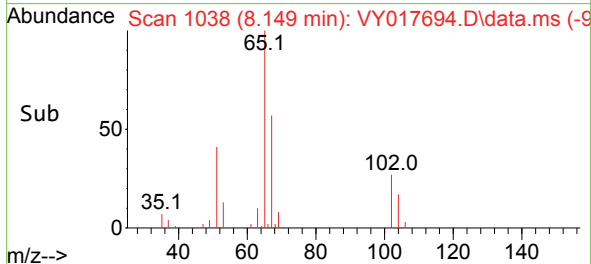
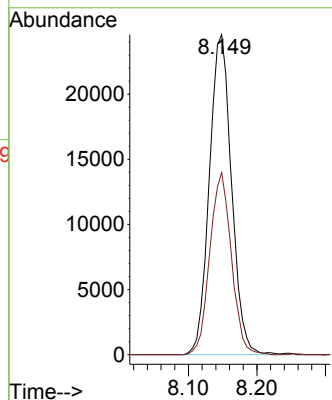
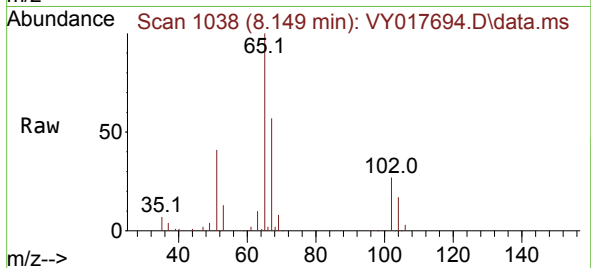
GRAB-4

Tgt Ion: 65 Resp: 55158

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017694.D

Acq: 18 Mar 2024 17:24

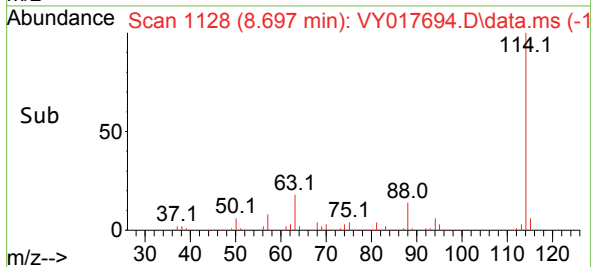
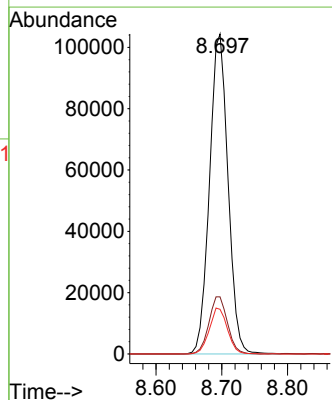
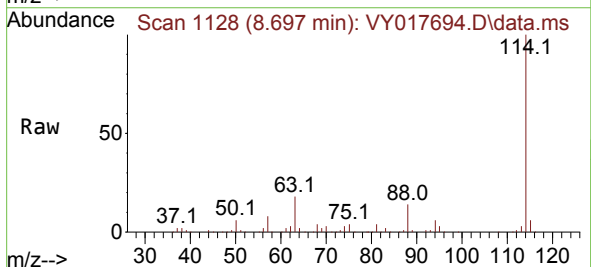
Tgt Ion: 114 Resp: 204216

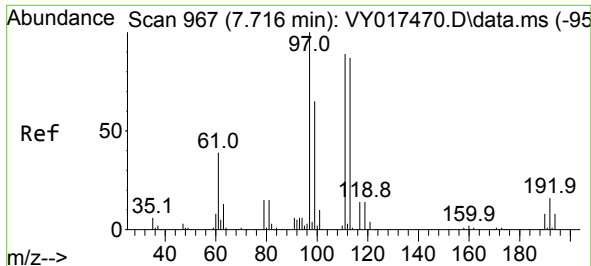
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.0 0.0 27.2

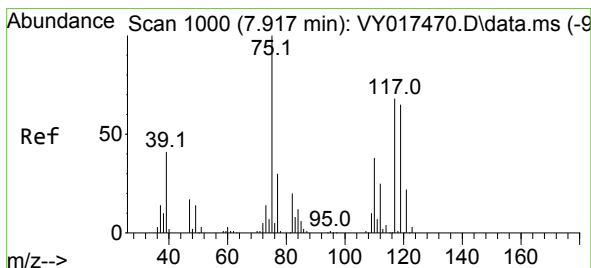
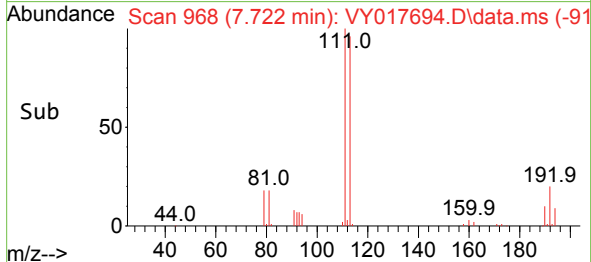
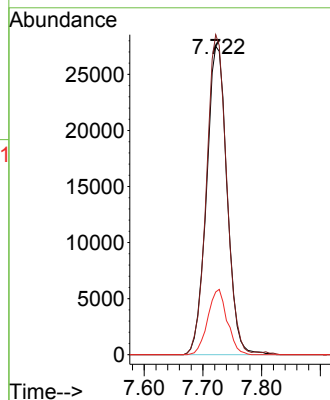
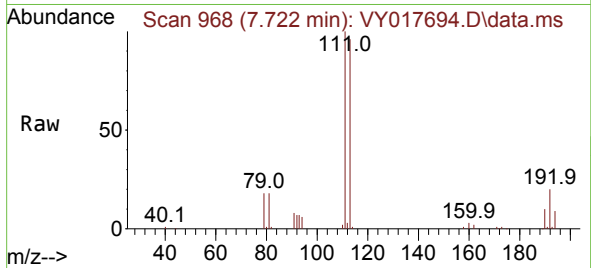




#35
Dibromofluoromethane
Concen: 46.990 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

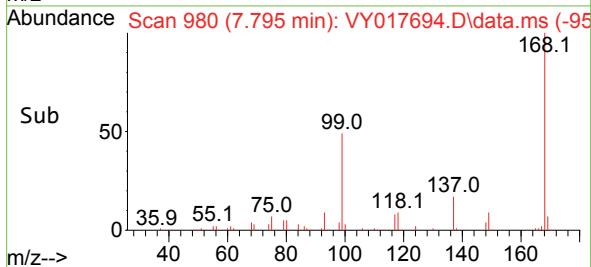
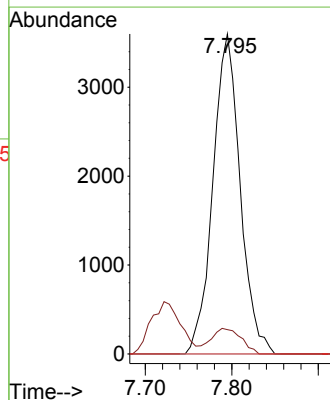
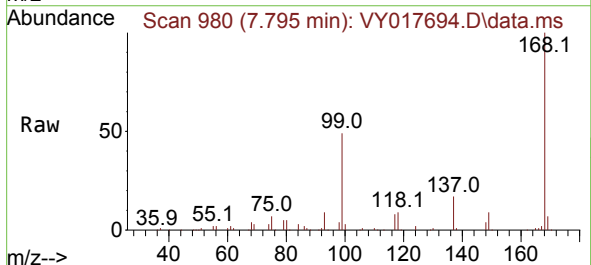
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

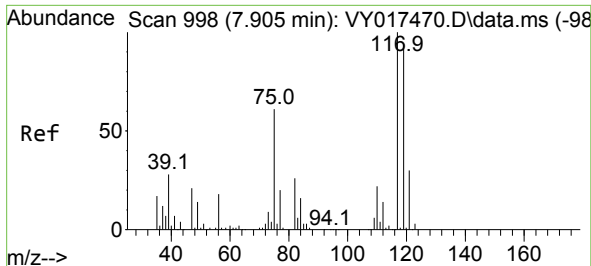
Tgt Ion:113 Resp: 66868
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.093 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

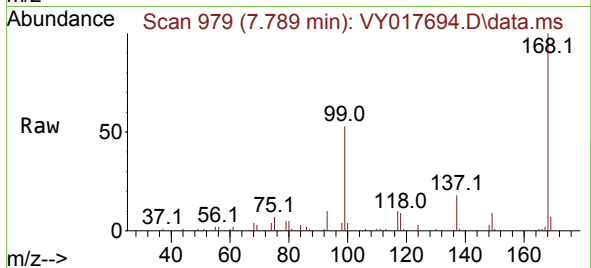
Tgt Ion: 75 Resp: 7859
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



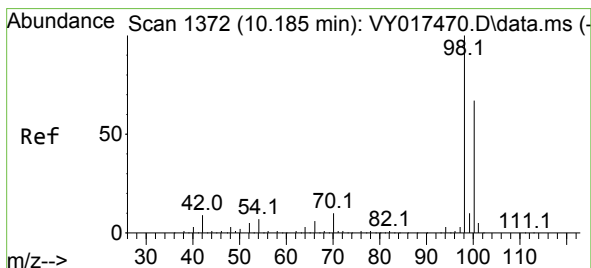
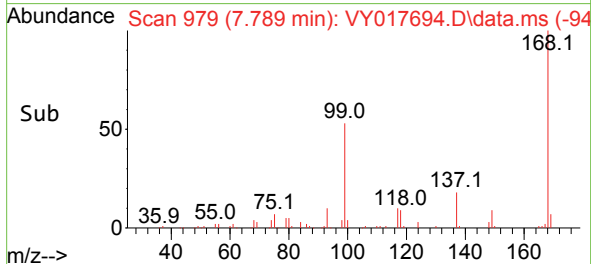
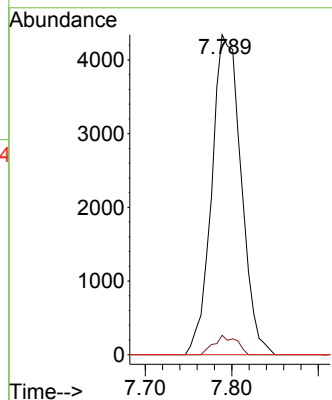


#38
Carbon Tetrachloride
Concen: 5.312 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

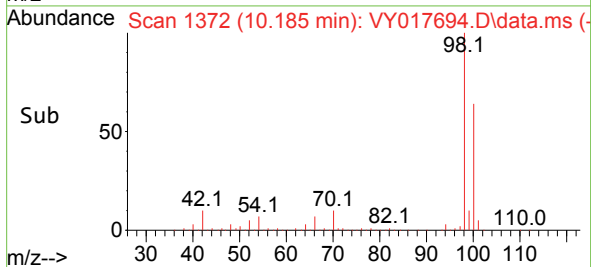
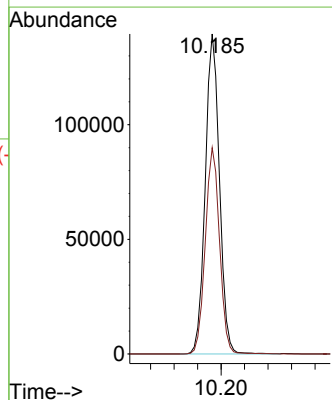
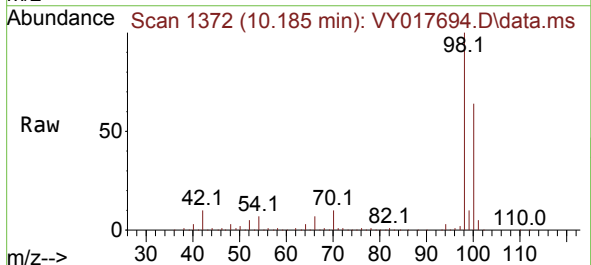


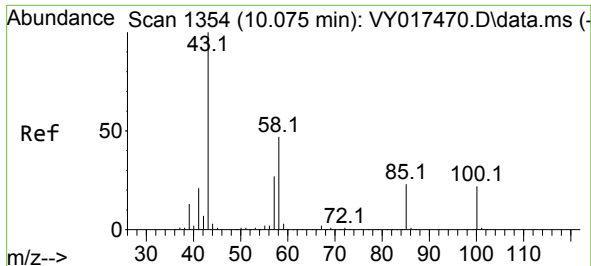
Tgt Ion:117 Resp: 10221
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.045 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

Tgt Ion: 98 Resp: 234071
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

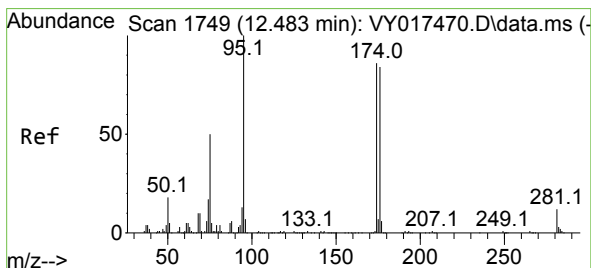
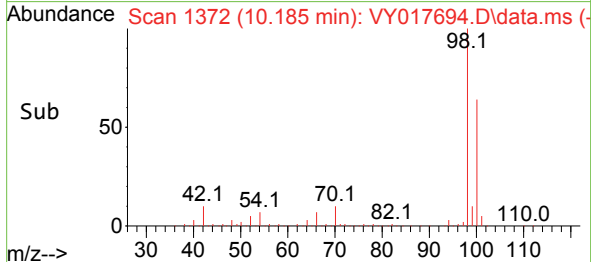
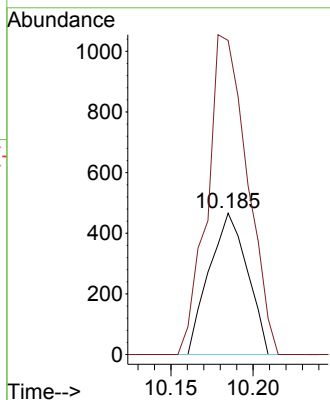
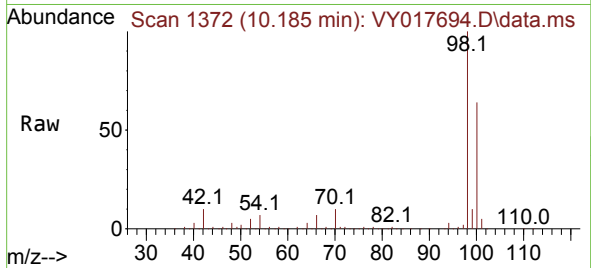




#51
4-Methyl-2-Pentanone
Concen: 1.014 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

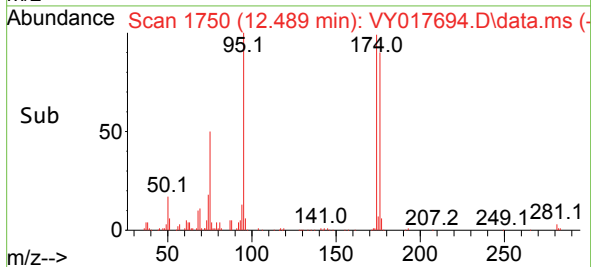
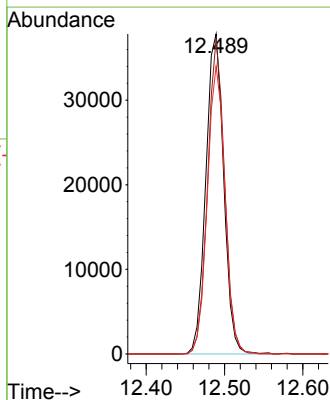
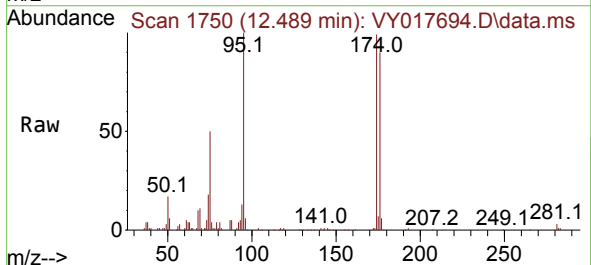
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MSVOA_Y
ClientSampleId :
GRAB-4

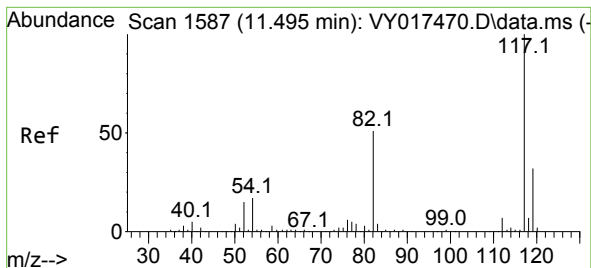
Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 236.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 38.264 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

Tgt Ion: 95 Resp: 59832
Ion Ratio Lower Upper
95 100
174 94.2 0.0 175.6
176 89.3 0.0 171.4

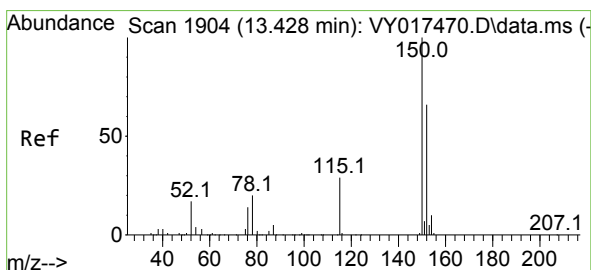
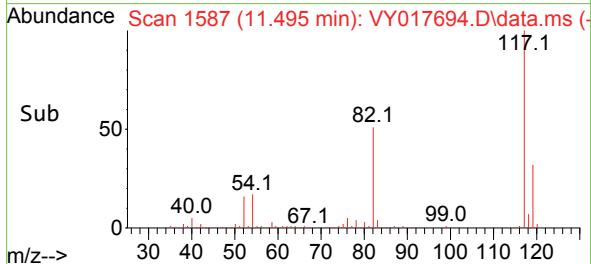
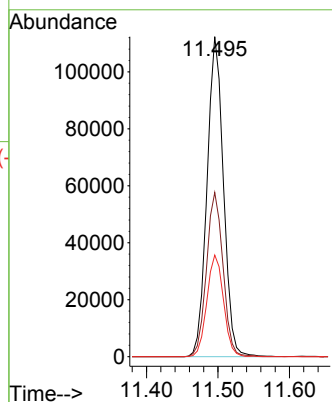
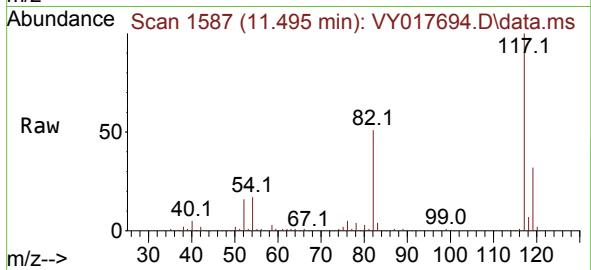




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

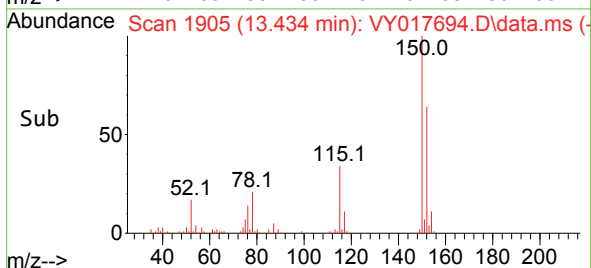
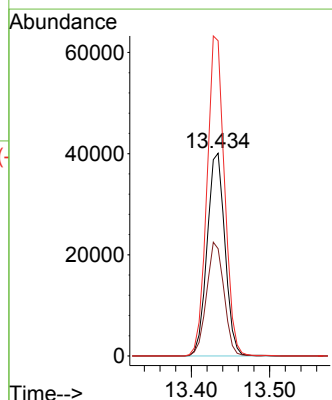
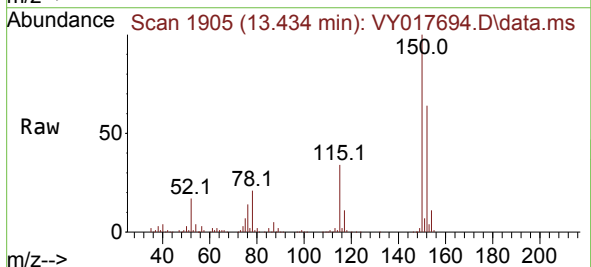
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

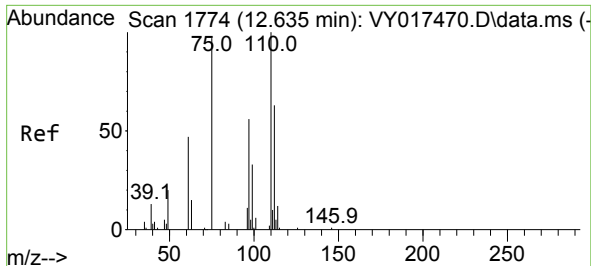
Tgt Ion:117 Resp: 179178
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

Tgt Ion:152 Resp: 63262
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 155.4 0.0 345.6

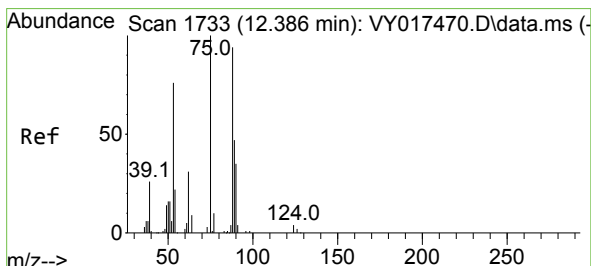
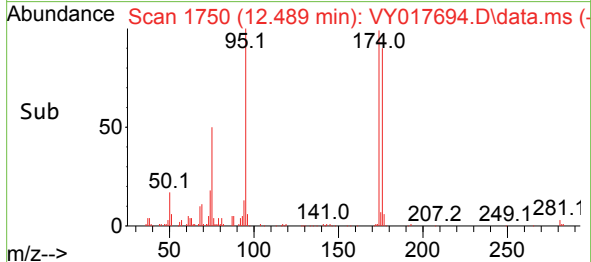
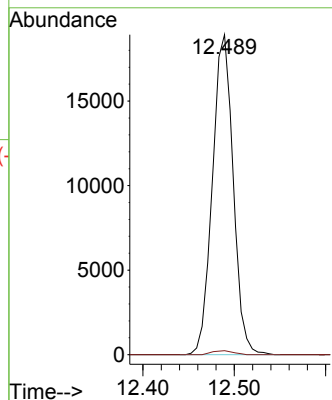
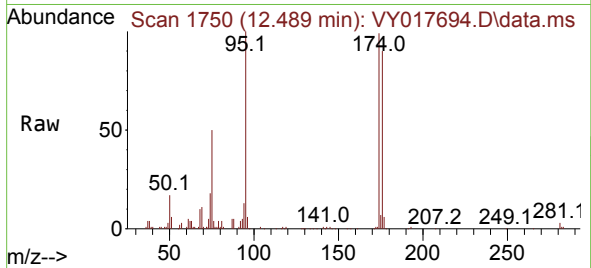




#76
1,2,3-Trichloropropane
Concen: 49.642 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

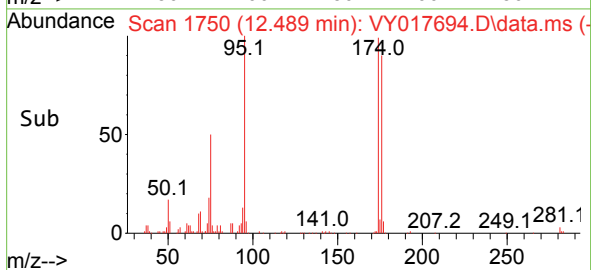
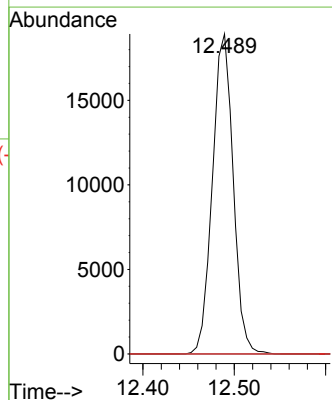
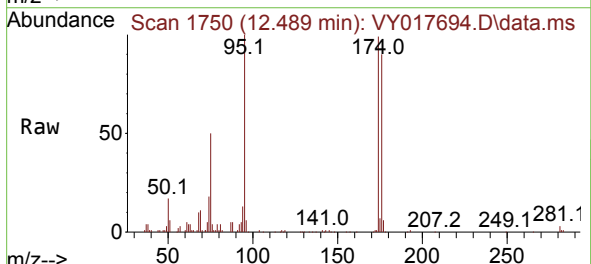
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

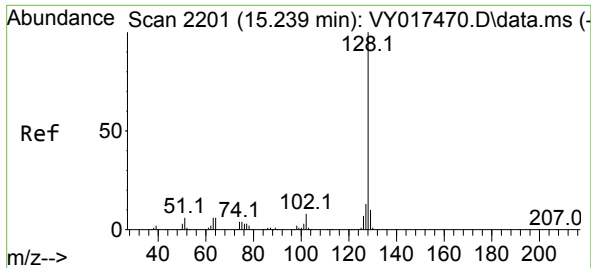
Tgt Ion: 75 Resp: 29839
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.066 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

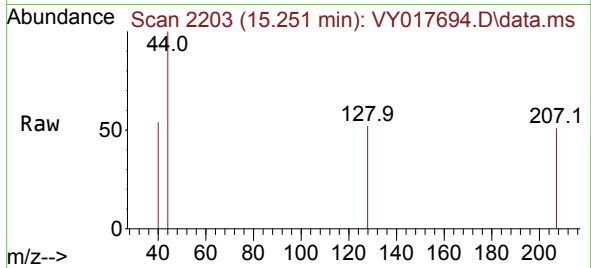
Tgt Ion: 75 Resp: 29839
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.005 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017694.D
Acq: 18 Mar 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4



Tgt Ion:128 Resp: 196
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

