

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017695.D
 Acq On : 18 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1764-05
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-5

Quant Time: Mar 19 04:11:40 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)

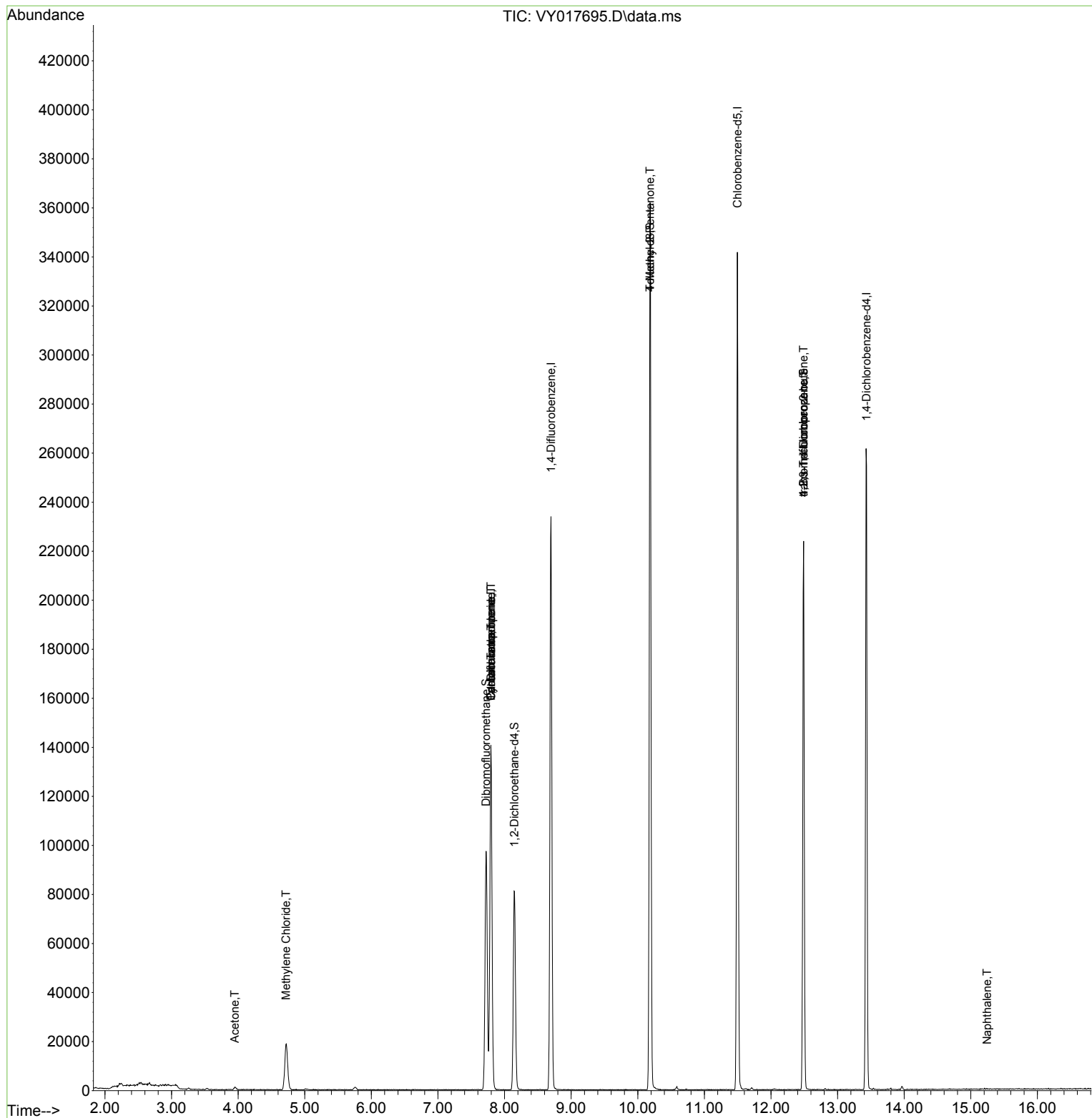
Internal Standards						
1) Pentafluorobenzene	7.795	168	115069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62591	57.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.780%
35) Dibromofluoromethane	7.722	113	70817	47.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.080%
50) Toluene-d8	10.185	98	246497	47.323	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.489	95	67152	41.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.040%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1581	7.474	ug/l	98
20) Methylene Chloride	4.716	84	15854	8.175	ug/l	92
31) Cyclohexane	7.795	56	2201	1.240	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7885	3.923	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10969	5.445	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	796	1.024	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	32861	46.994	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32861	107.981	ug/l #	16
95) Naphthalene	15.245	128	208	3.997	ug/l #	69

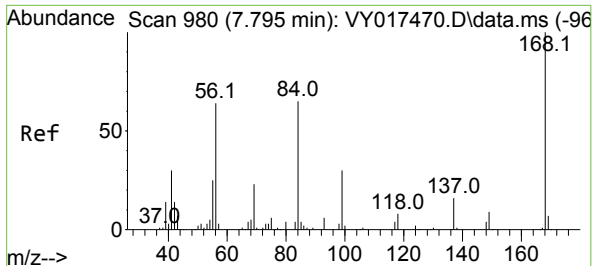
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GRAB-5

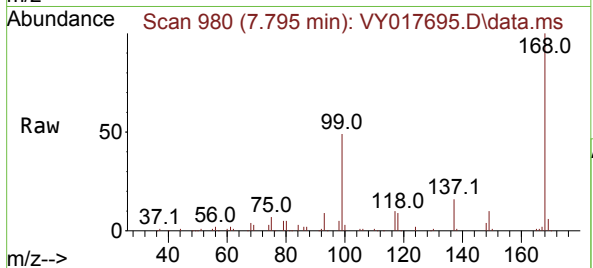
Quant Time: Mar 19 04:11:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration



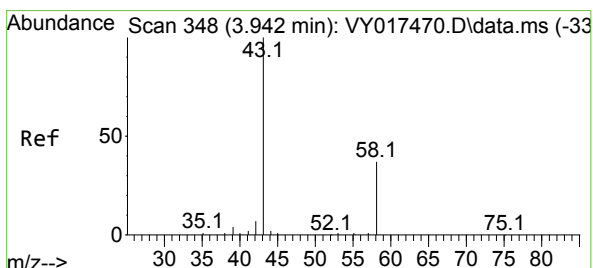
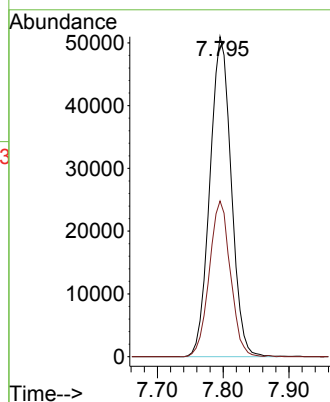
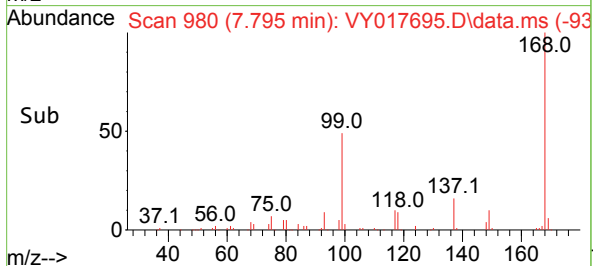


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

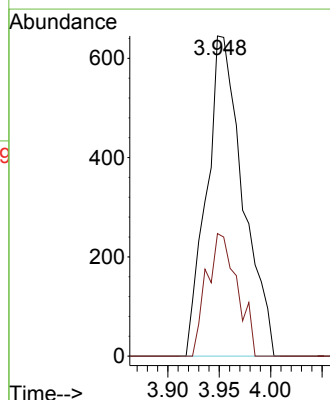
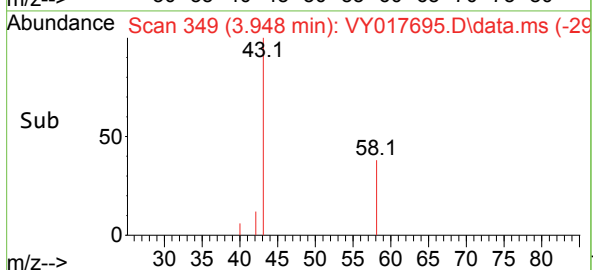
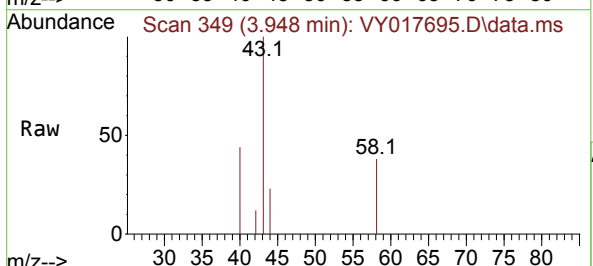


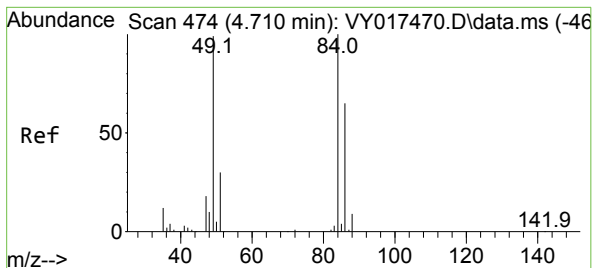
Tgt Ion:168 Resp: 115069
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#16
Acetone
Concen: 7.474 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 38.3 31.7 47.5





#20

Methylene Chloride

Concen: 8.175 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017695.D

Acq: 18 Mar 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-5

Tgt Ion: 84 Resp: 15854

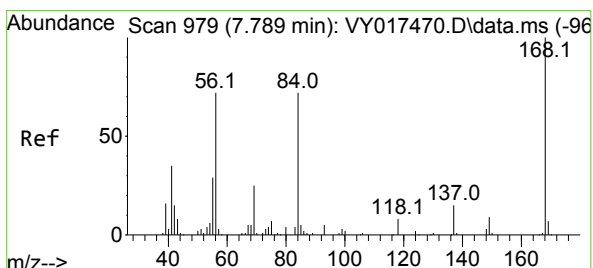
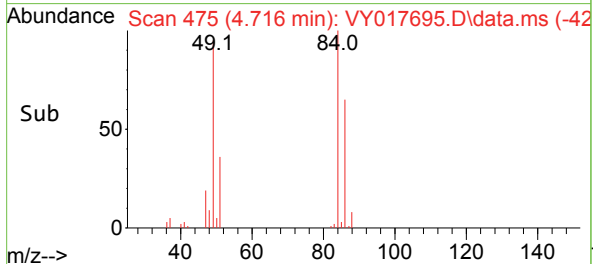
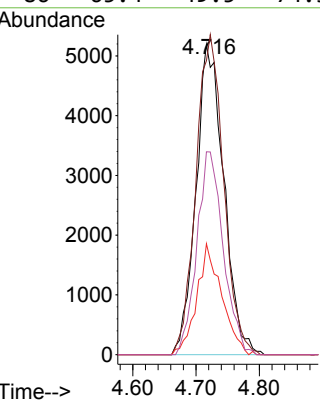
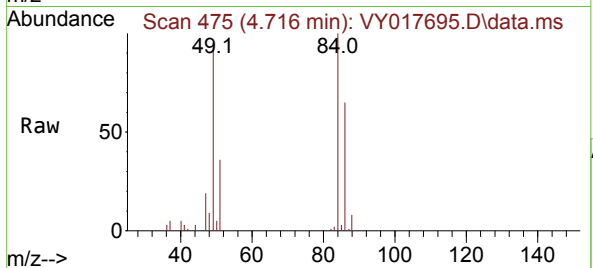
Ion Ratio Lower Upper

84 100

49 94.7 84.4 126.6

51 35.7 26.0 39.0

86 65.4 49.5 74.3



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017695.D

Acq: 18 Mar 2024 17:48

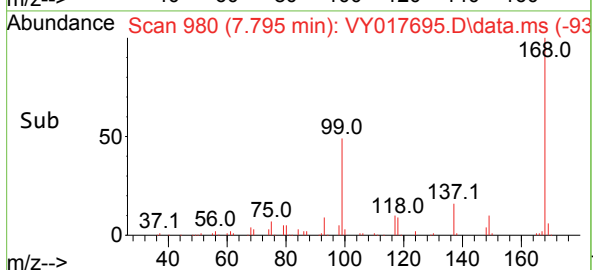
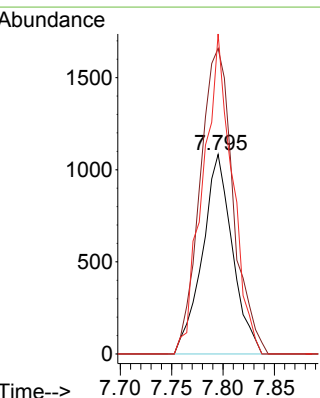
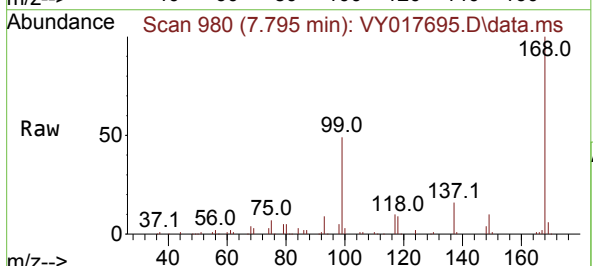
Tgt Ion: 56 Resp: 2201

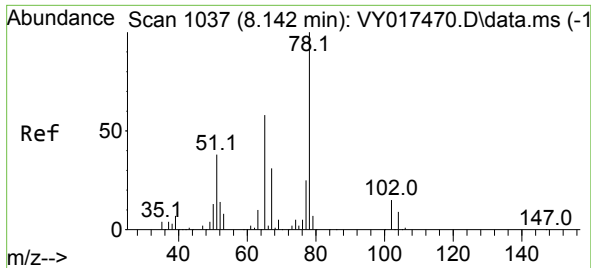
Ion Ratio Lower Upper

56 100

69 153.2 28.7 43.1#

84 160.4 77.7 116.5#

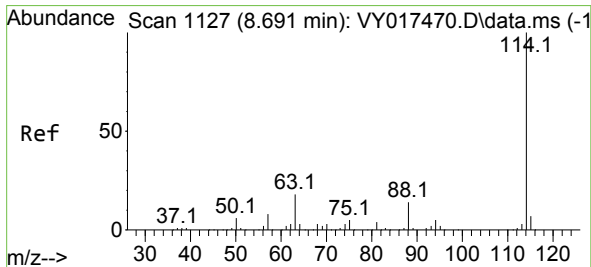
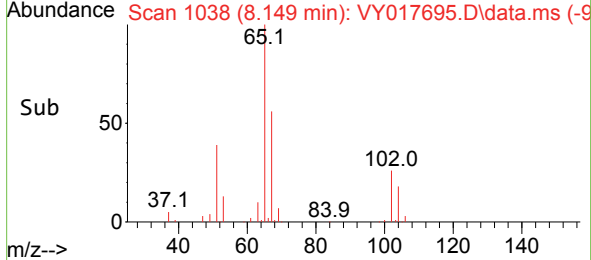
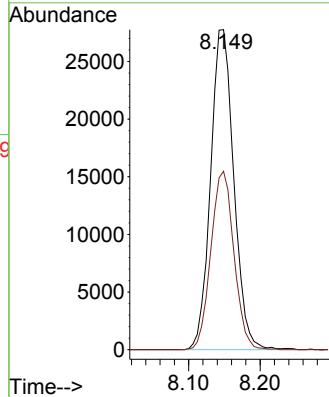
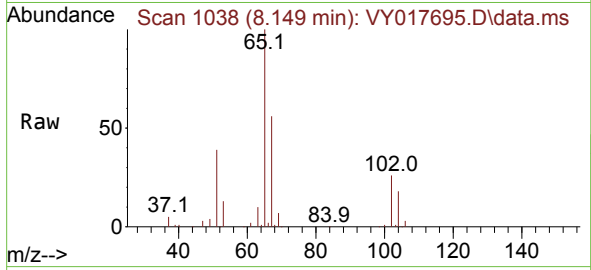




#33
 1,2-Dichloroethane-d4
 Concen: 57.394 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY017695.D
 Acq: 18 Mar 2024 17:48

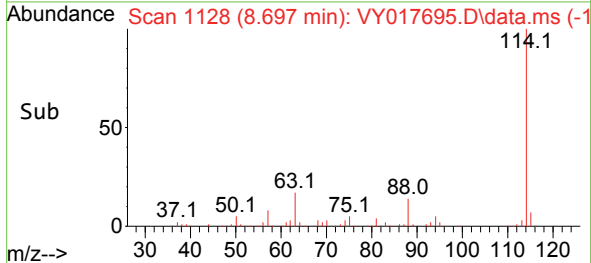
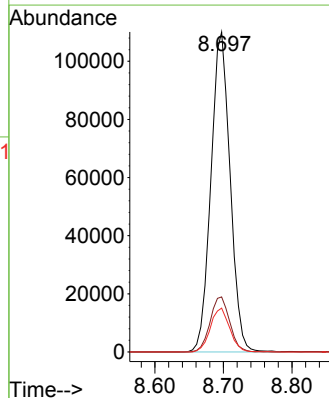
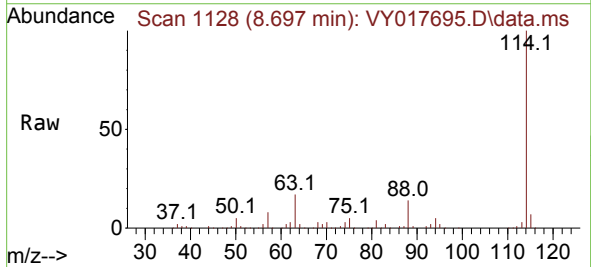
Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-5

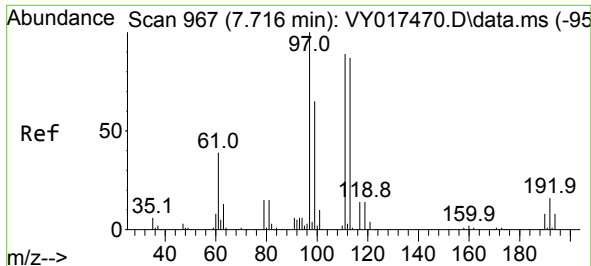
Tgt Ion: 65 Resp: 62591
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017695.D
 Acq: 18 Mar 2024 17:48

Tgt Ion: 114 Resp: 213792
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 13.7 0.0 27.2

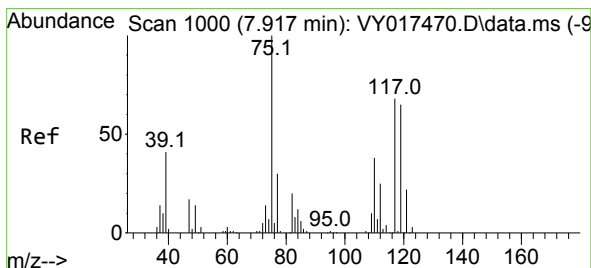
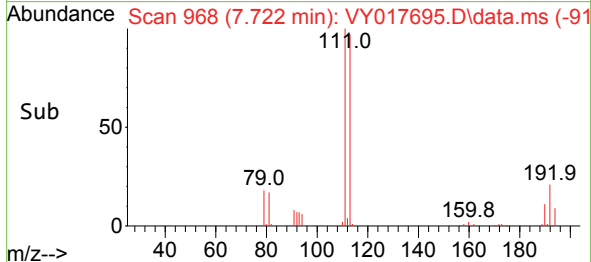
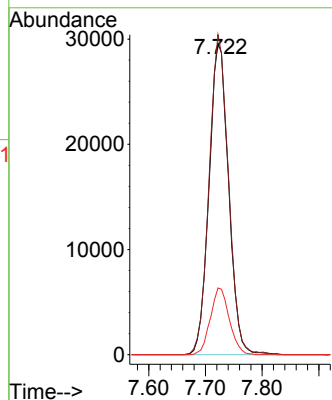
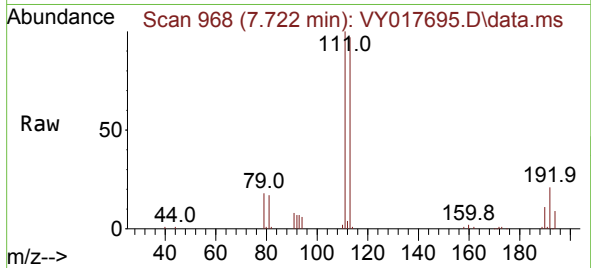




#35
Dibromofluoromethane
Concen: 47.536 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

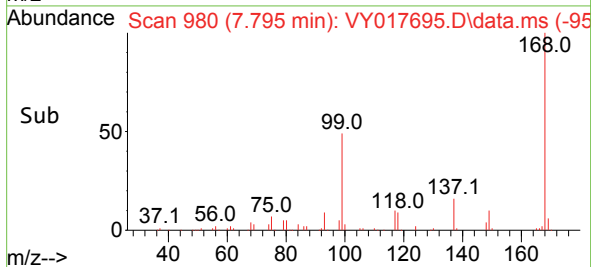
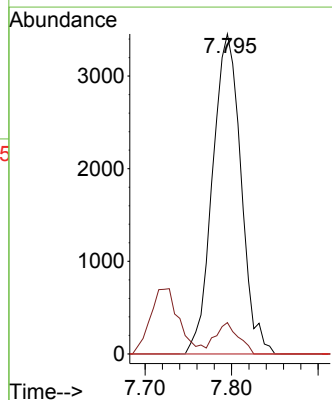
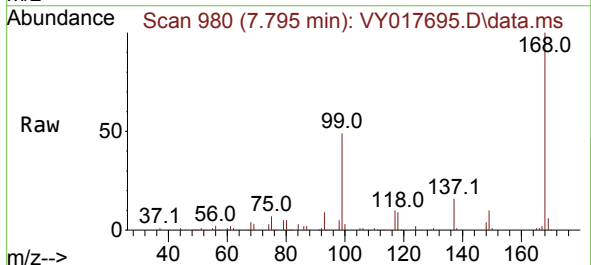
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

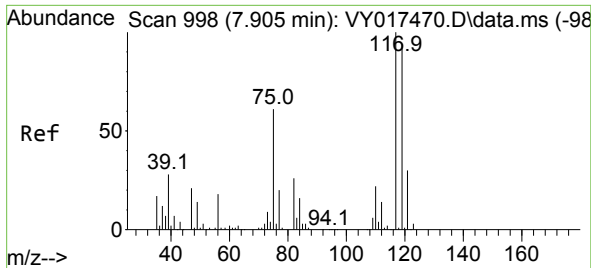
Tgt Ion:113 Resp: 70817
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.923 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 75 Resp: 7885
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#

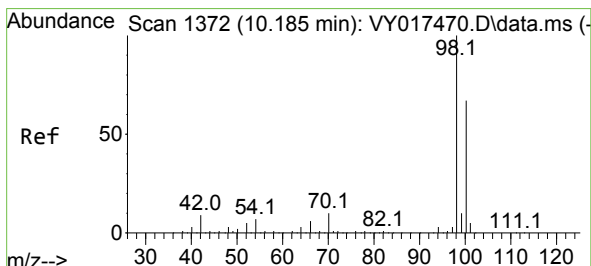
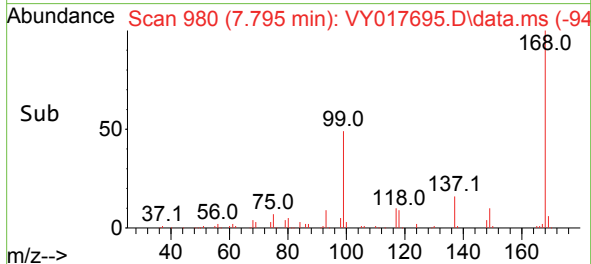
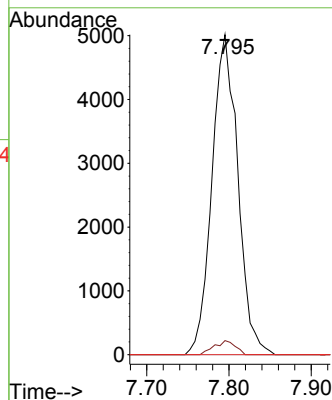
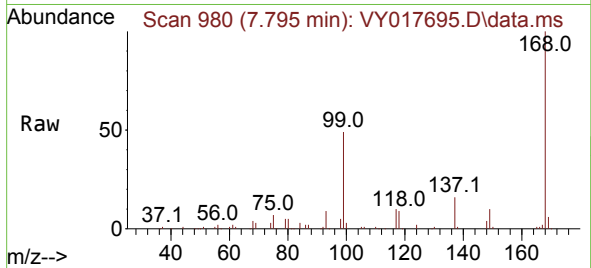




#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

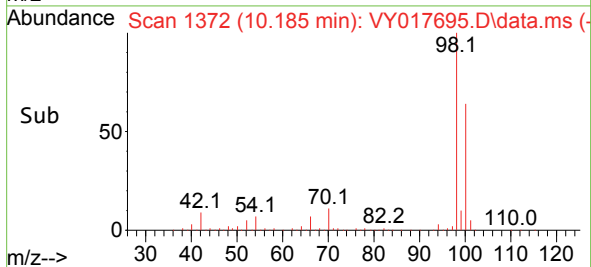
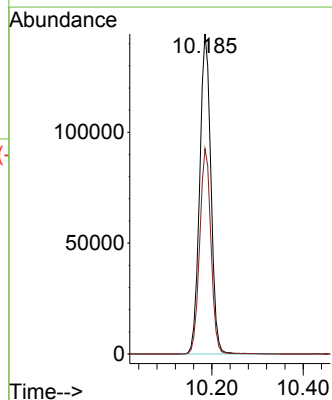
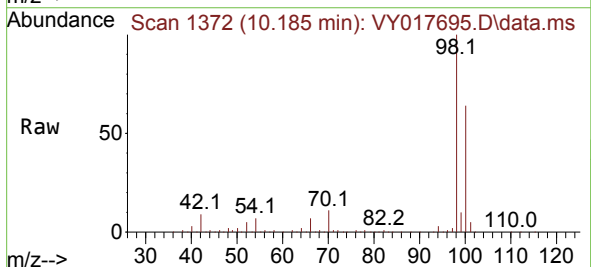
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

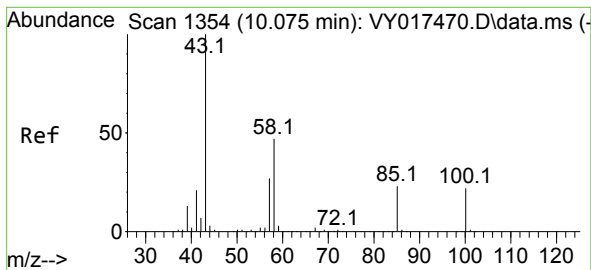
Tgt Ion:117 Resp: 10969
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.323 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 98 Resp: 246497
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

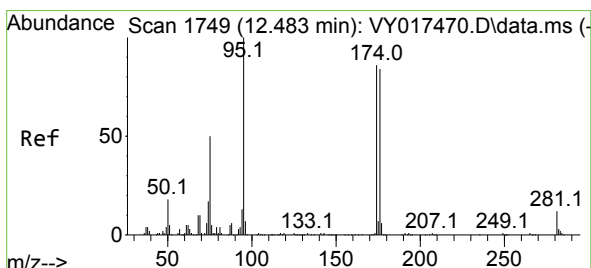
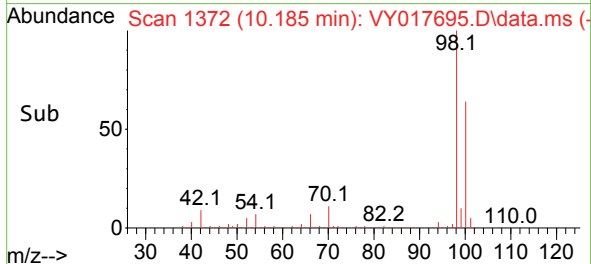
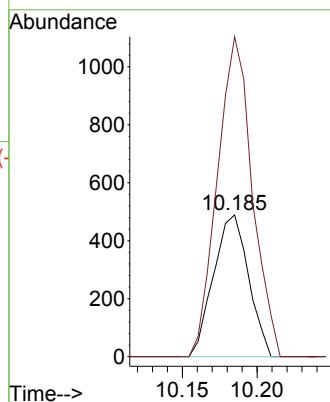
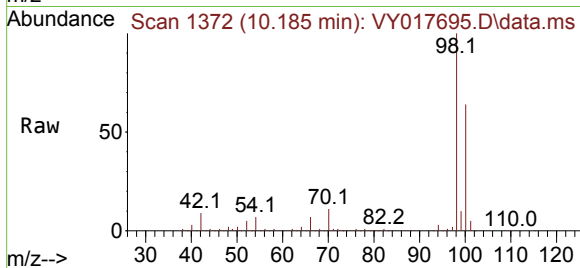




#51
4-Methyl-2-Pentanone
Concen: 1.024 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

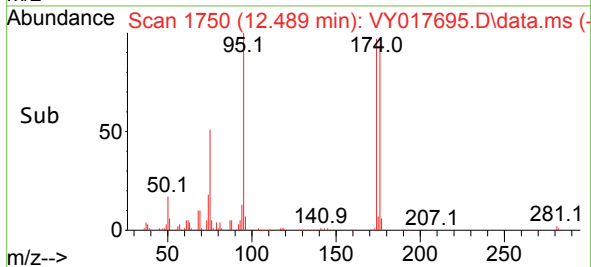
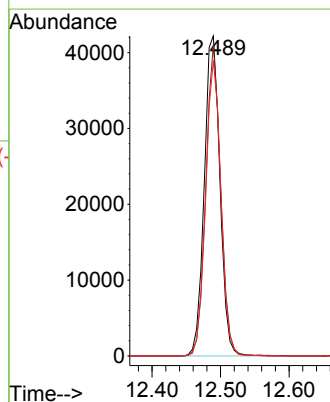
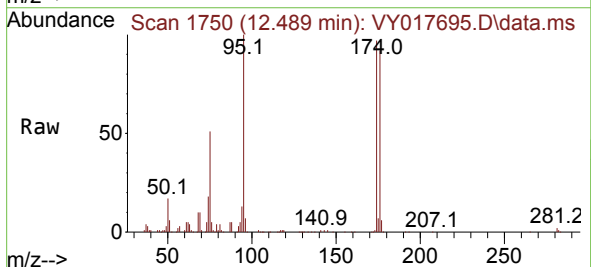
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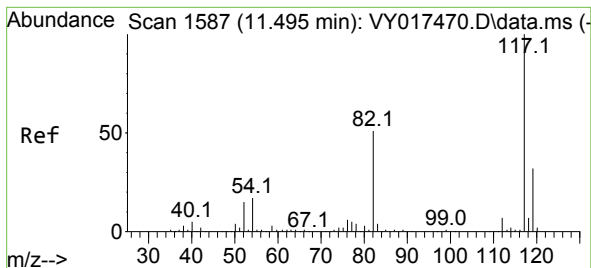
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 224.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 41.022 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 95 Resp: 67152
Ion Ratio Lower Upper
95 100
174 92.6 0.0 175.6
176 90.0 0.0 171.4

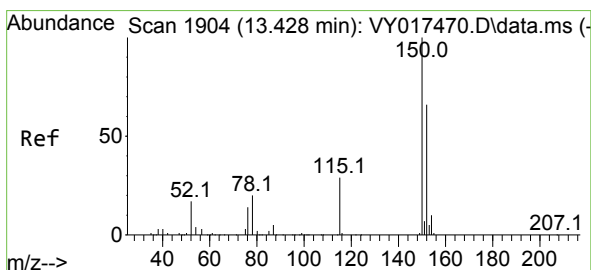
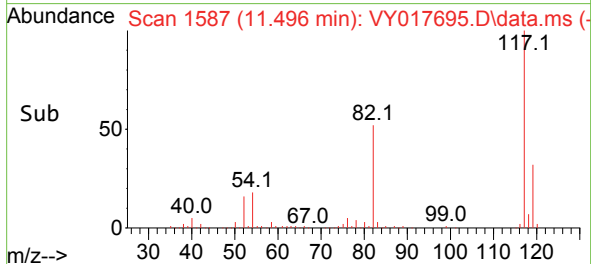
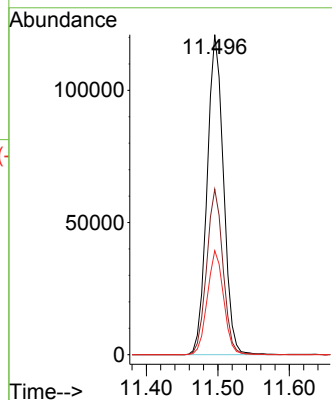
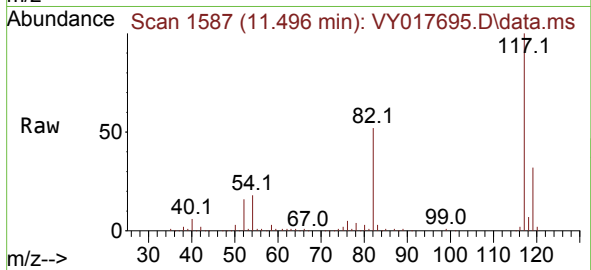




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

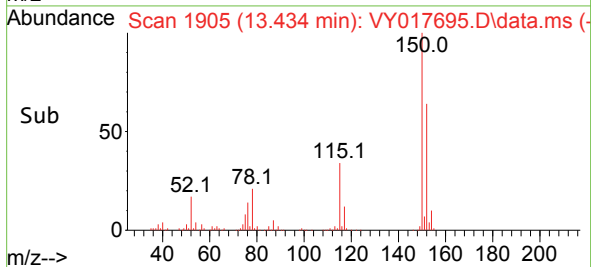
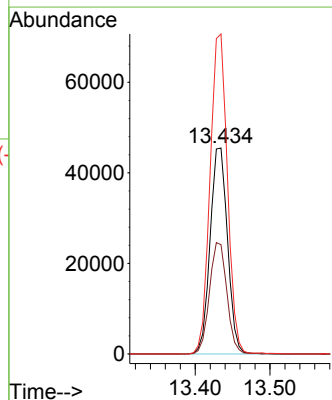
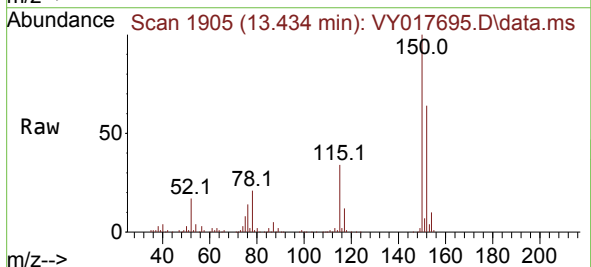
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

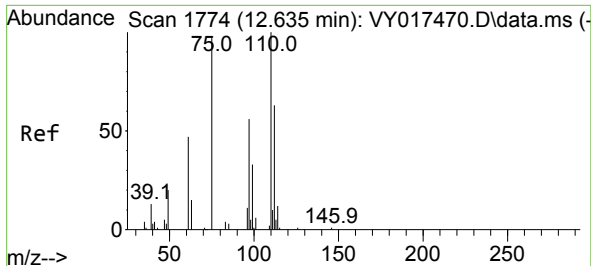
Tgt Ion:117 Resp: 193037
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion:152 Resp: 73595
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.0 0.0 345.6

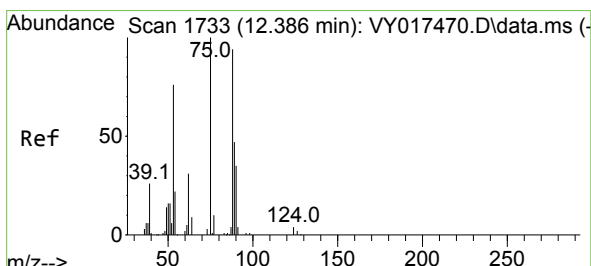
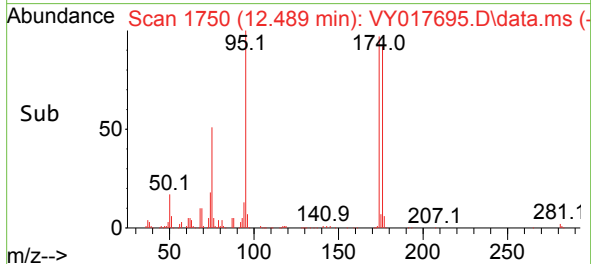
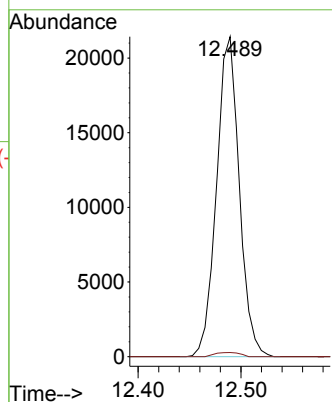
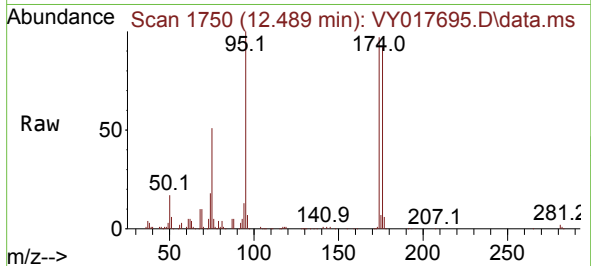




#76
1,2,3-Trichloropropane
Concen: 46.994 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

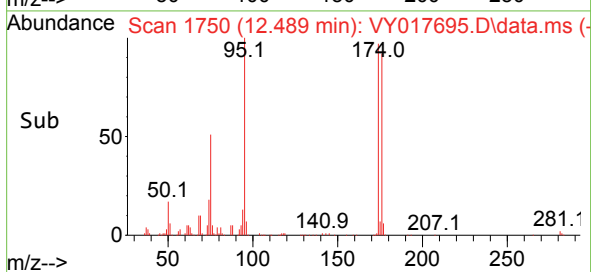
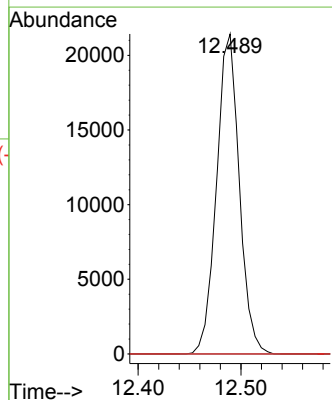
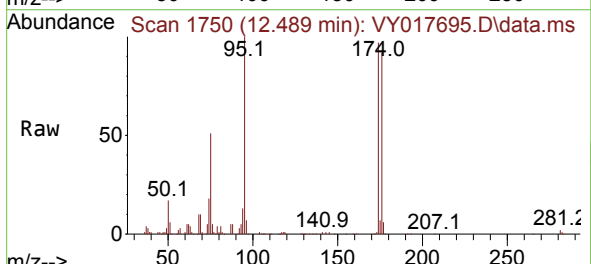
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

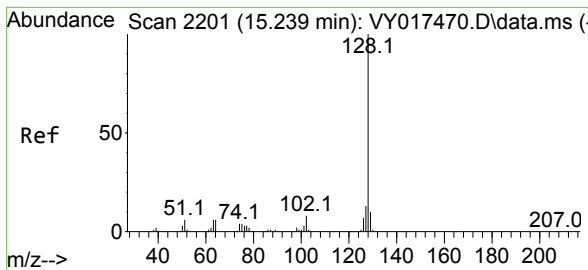
Tgt Ion: 75 Resp: 32861
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.981 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 75 Resp: 32861
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 3.997 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017695.D
 Acq: 18 Mar 2024 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-5

Tgt Ion:	128	Resp:	208
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

