

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017568.D
 Acq On : 05 Mar 2024 13:55
 Operator : SY/MD
 Sample : P1674-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2B

Quant Time: Mar 05 22:04:07 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)

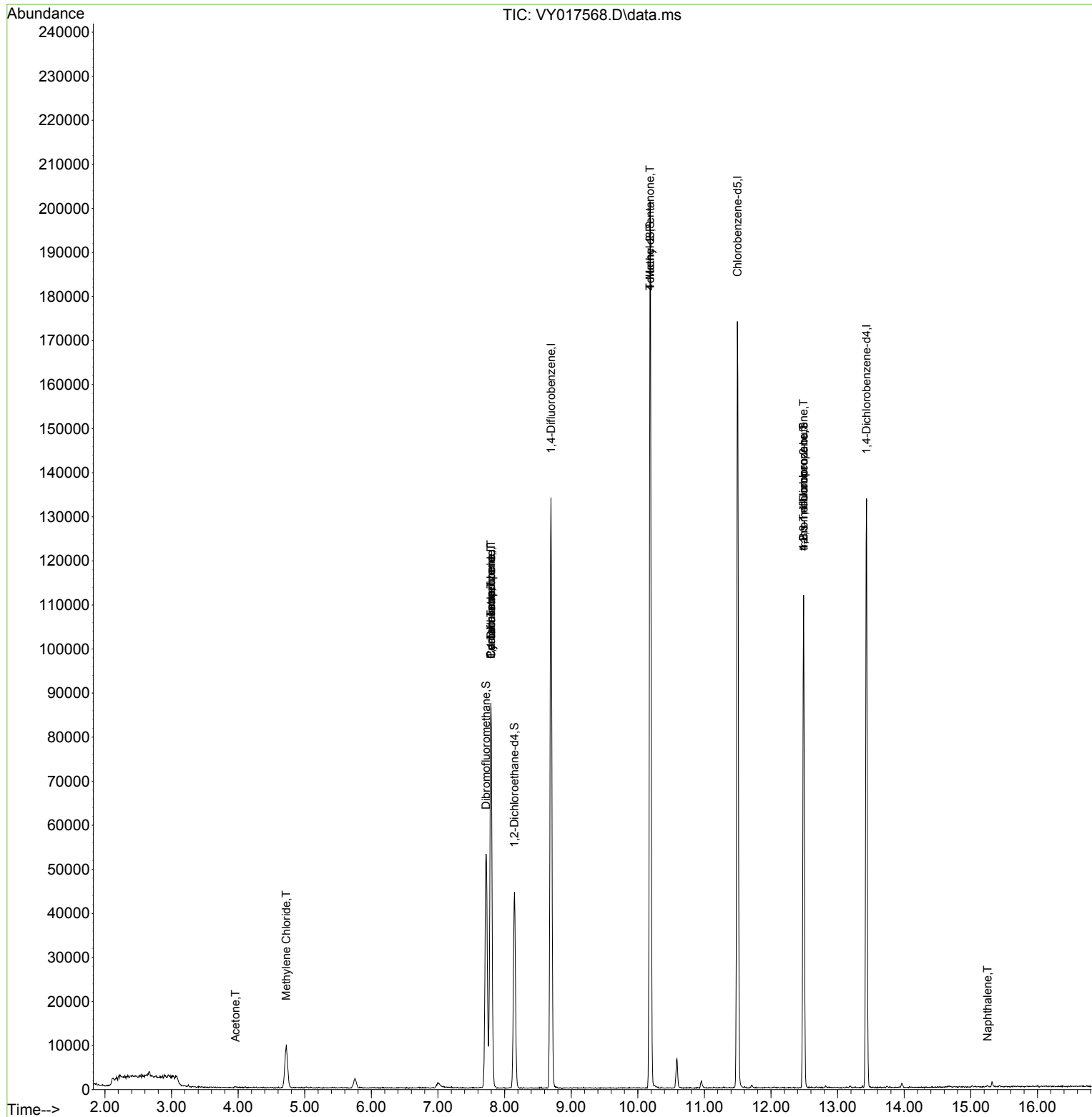
Internal Standards						
1) Pentafluorobenzene	7.795	168	72128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	118861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	101253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	36388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	33401	48.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.721	113	40158	48.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.184	98	135558	46.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.489	95	32821	36.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.120%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	321	2.421	ug/l #	36
20) Methylene Chloride	4.722	84	7650	4.877	ug/l	97
31) Cyclohexane	7.795	56	1337	1.202	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	5374	4.809	ug/l #	47
38) Carbon Tetrachloride	7.795	117	6706	5.988	ug/l #	16
51) 4-Methyl-2-Pentanone	10.184	43	449	1.039	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	16439	47.547	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	16439	109.253	ug/l #	16
95) Naphthalene	15.251	128	409	4.245	ug/l #	69

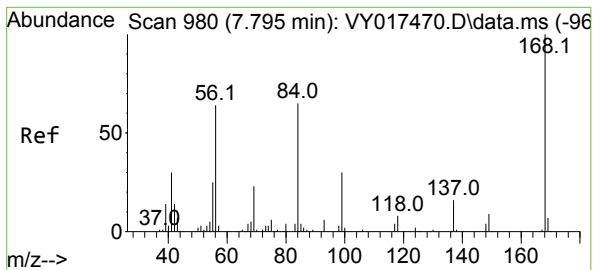
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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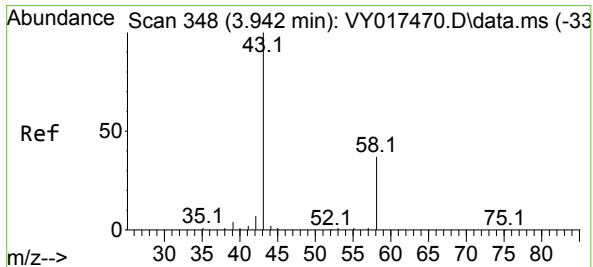
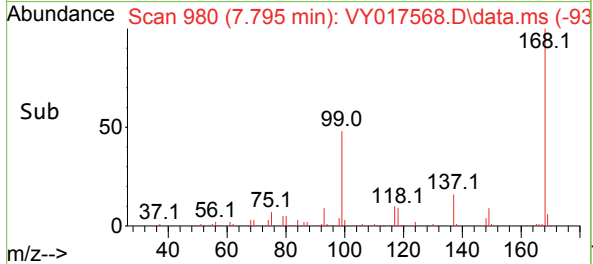
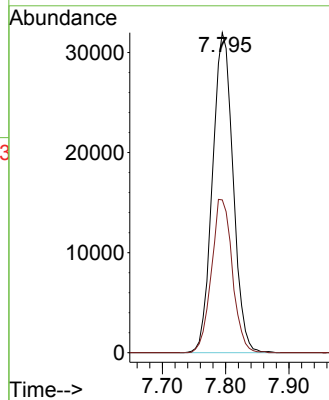
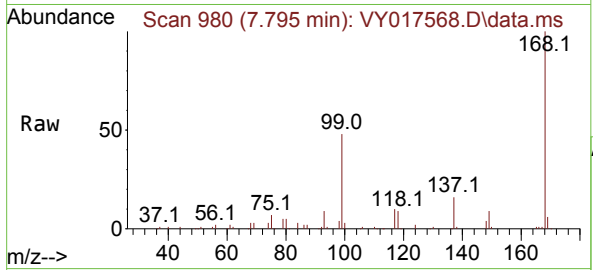




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

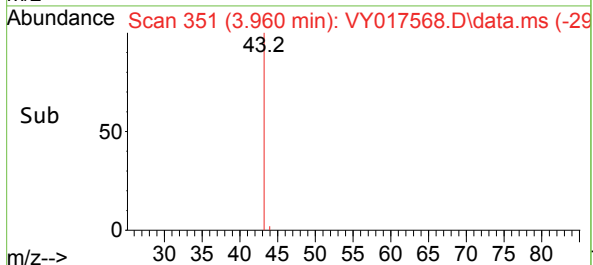
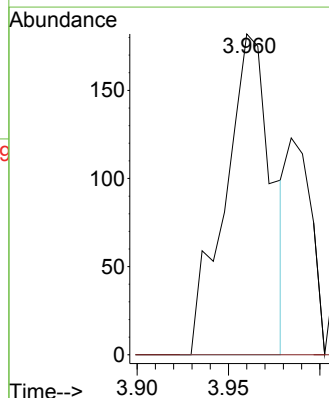
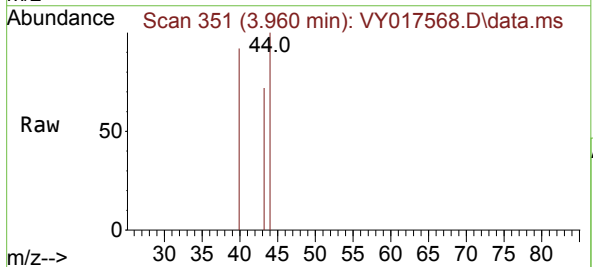
Instrument :
MSVOA_Y
ClientSampleId :
2B

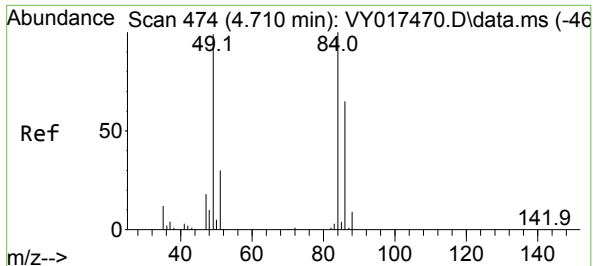
Tgt Ion:168 Resp: 72128
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#16
Acetone
Concen: 2.421 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: 4.877 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

2B

Tgt Ion: 84 Resp: 7650

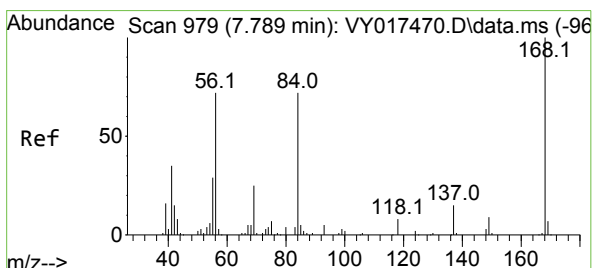
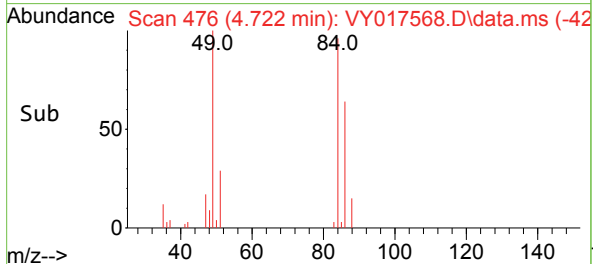
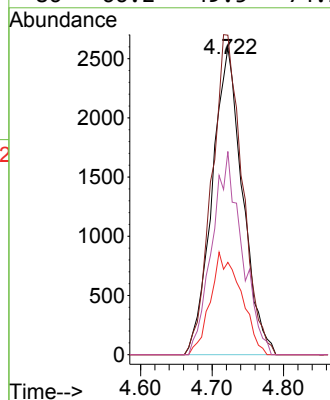
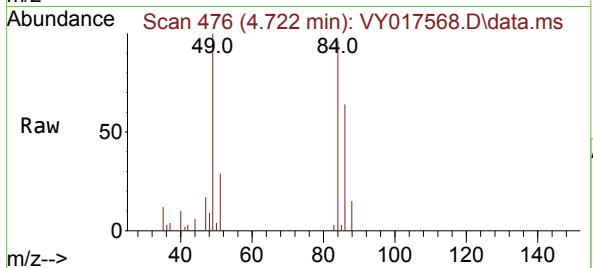
Ion Ratio Lower Upper

84 100

49 104.1 84.4 126.6

51 30.1 26.0 39.0

86 66.2 49.5 74.3



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

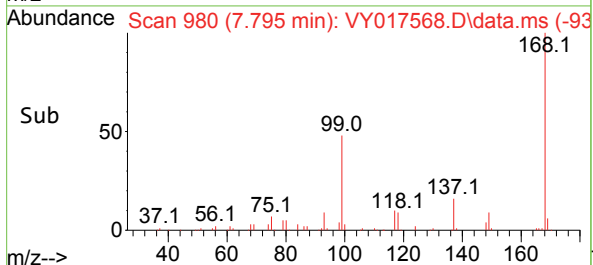
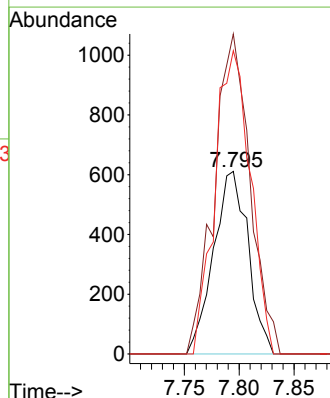
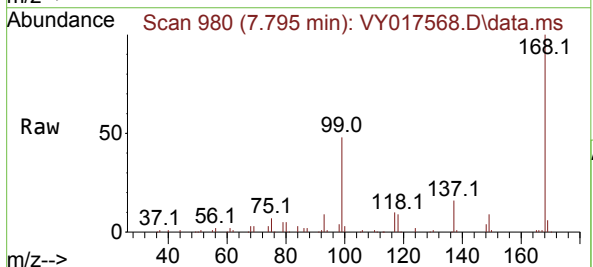
Tgt Ion: 56 Resp: 1337

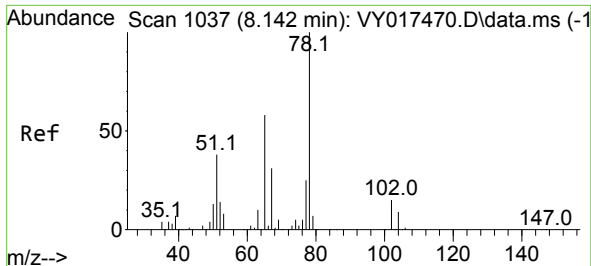
Ion Ratio Lower Upper

56 100

69 175.3 28.7 43.1#

84 166.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 48.862 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

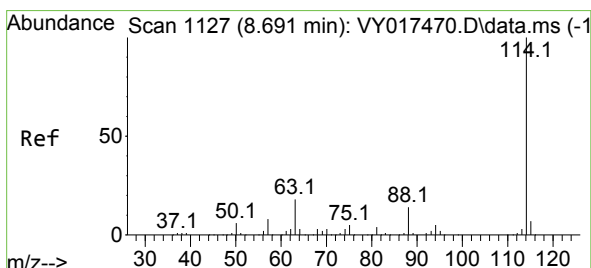
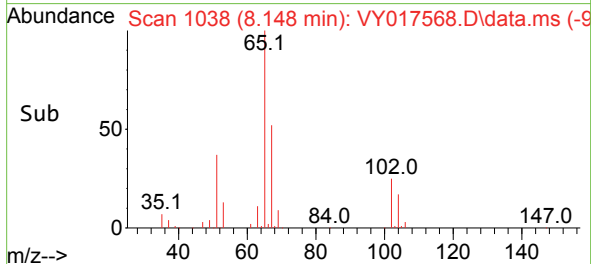
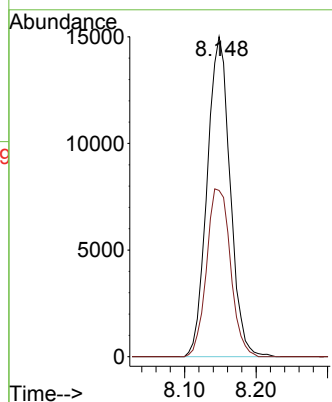
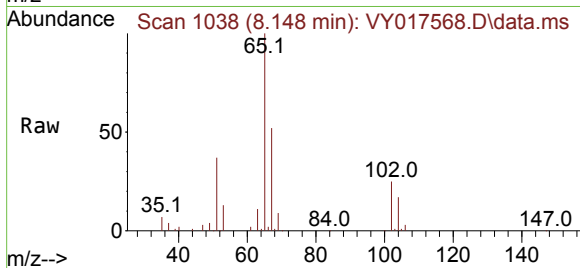
2B

Tgt Ion: 65 Resp: 33401

Ion Ratio Lower Upper

65 100

67 54.8 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: VY017568.D

Acq: 05 Mar 2024 13:55

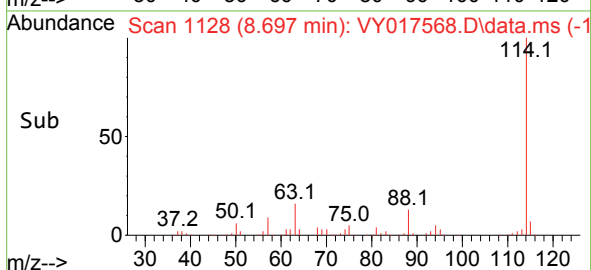
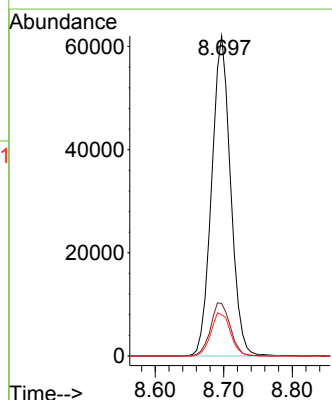
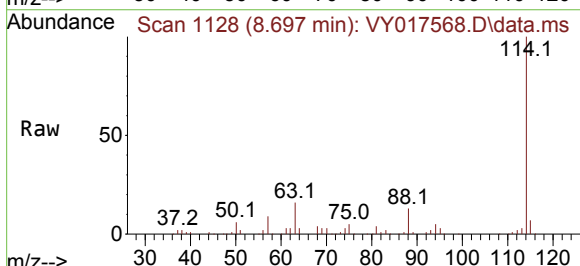
Tgt Ion: 114 Resp: 118861

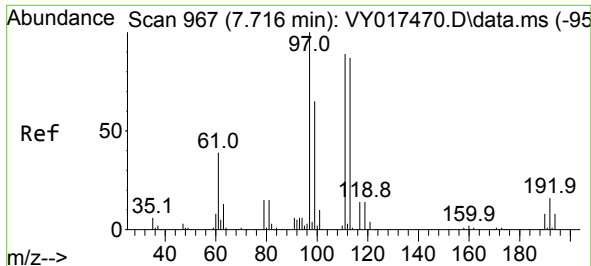
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 12.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.485 ug/l

RT: 7.721 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

2B

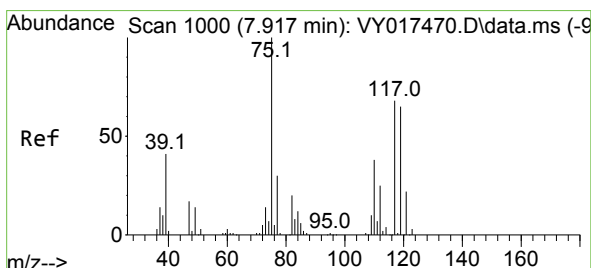
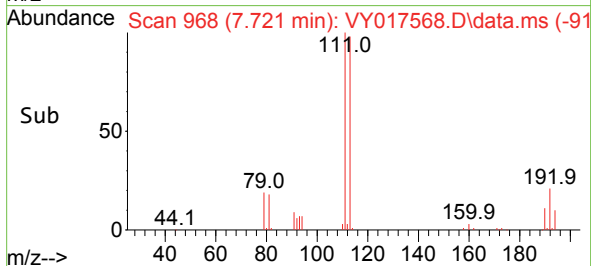
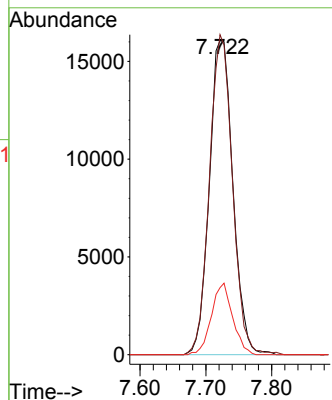
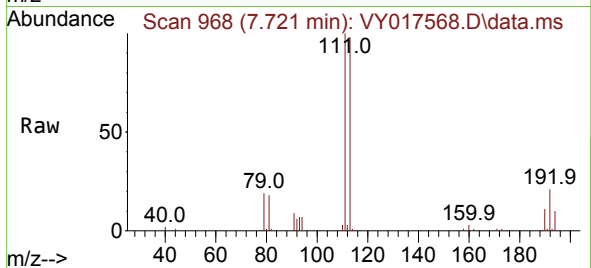
Tgt Ion:113 Resp: 40158

Ion Ratio Lower Upper

113 100

111 99.3 82.2 123.4

192 20.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

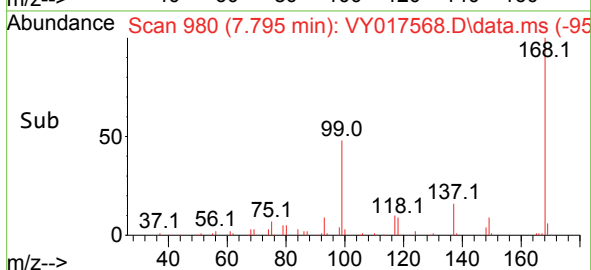
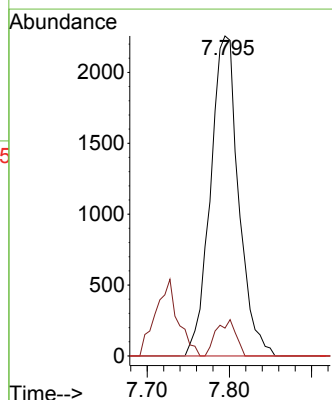
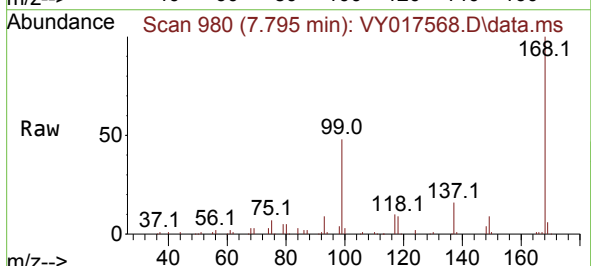
Tgt Ion: 75 Resp: 5374

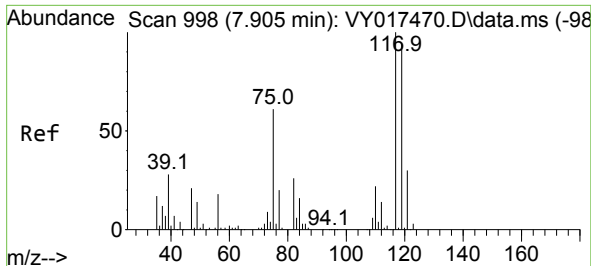
Ion Ratio Lower Upper

75 100

110 7.9 19.0 57.0#

77 0.0 25.3 37.9#

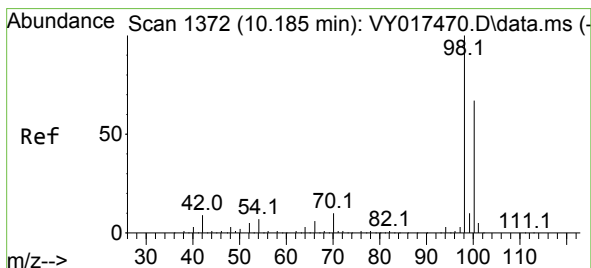
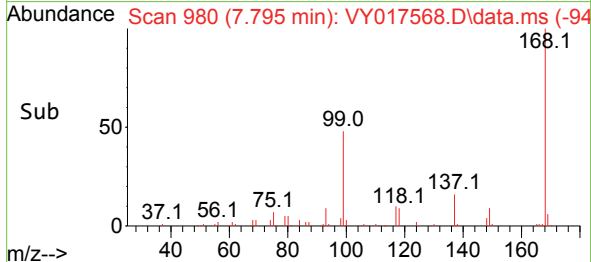
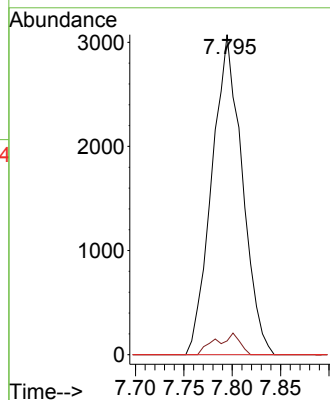
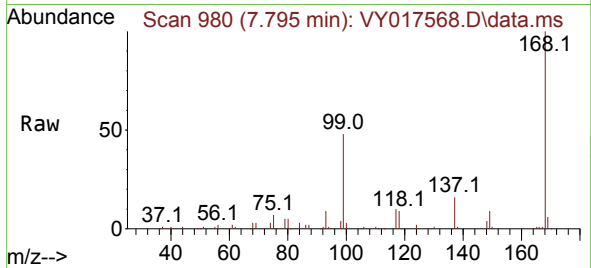




#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

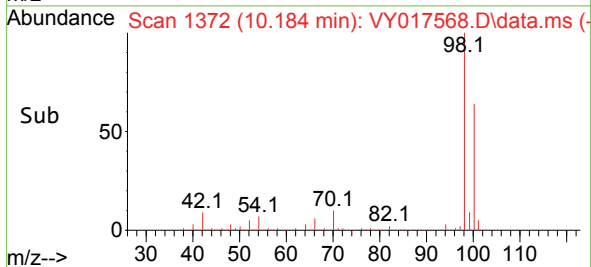
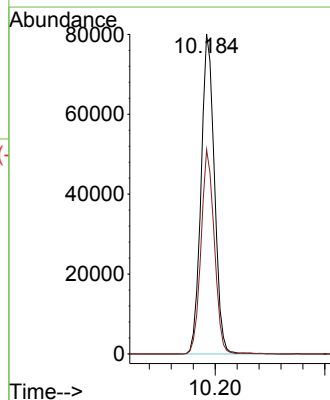
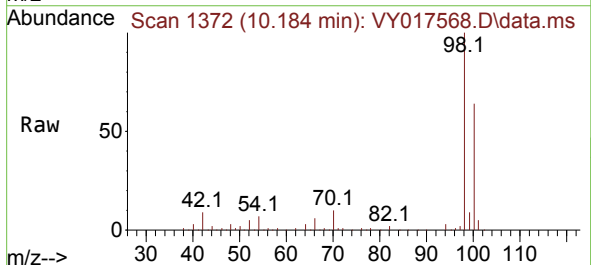
Instrument :
MSVOA_Y
ClientSampleId :
2B

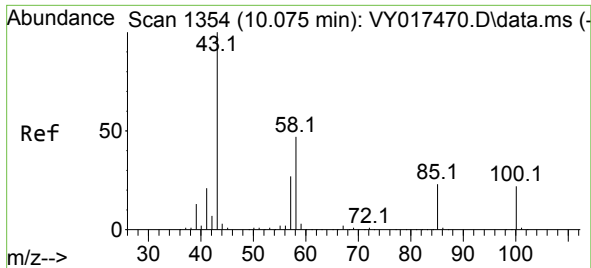
Tgt Ion:117 Resp: 6706
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.810 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

Tgt Ion: 98 Resp: 135558
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.039 ug/l

RT: 10.184 min Scan# 11

Delta R.T. 0.109 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

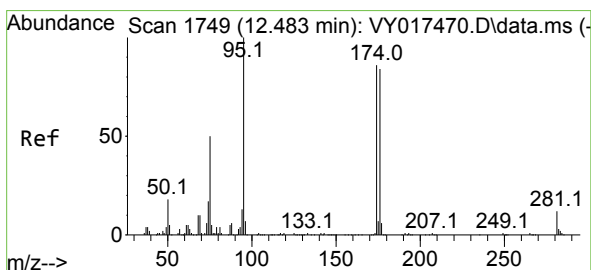
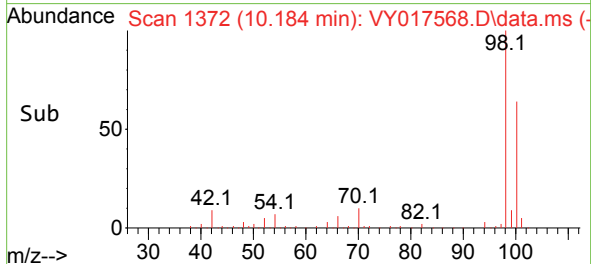
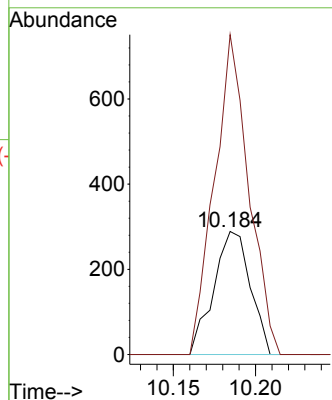
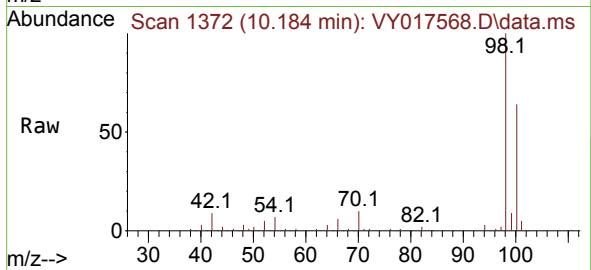
2B

Tgt Ion: 43 Resp: 449

Ion Ratio Lower Upper

43 100

58 243.4 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 36.063 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

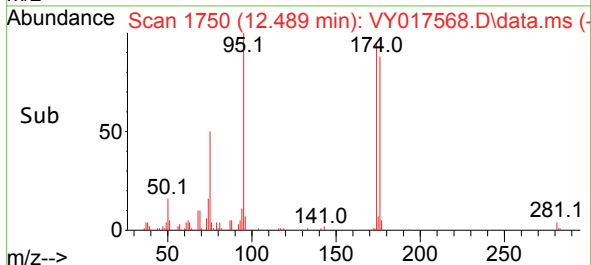
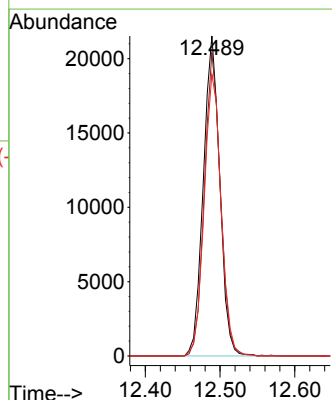
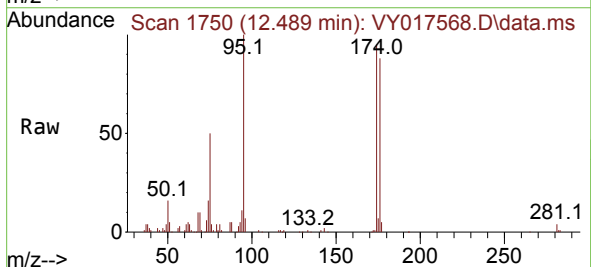
Tgt Ion: 95 Resp: 32821

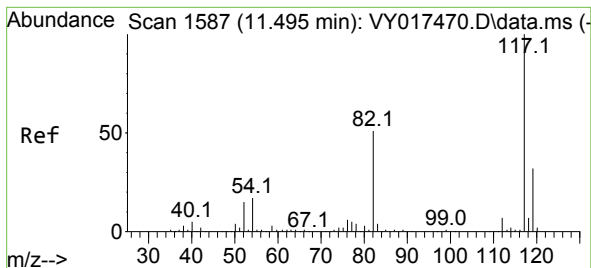
Ion Ratio Lower Upper

95 100

174 93.3 0.0 175.6

176 90.6 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: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

2B

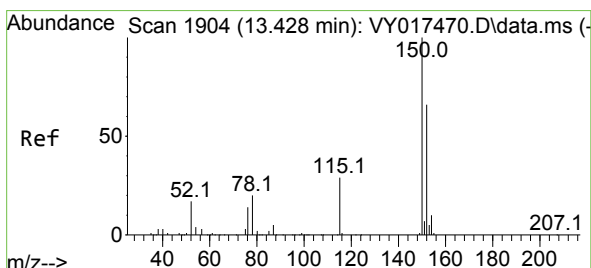
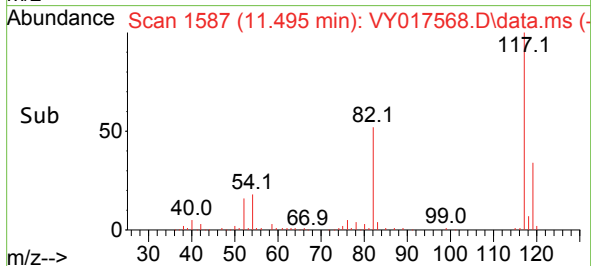
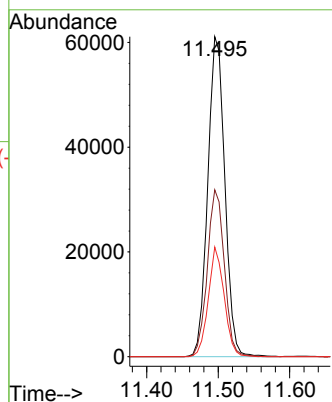
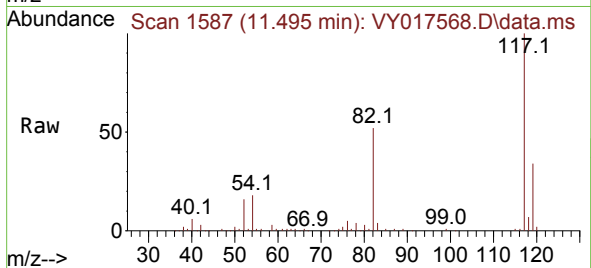
Tgt Ion:117 Resp: 101253

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 34.2 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: VY017568.D

Acq: 05 Mar 2024 13:55

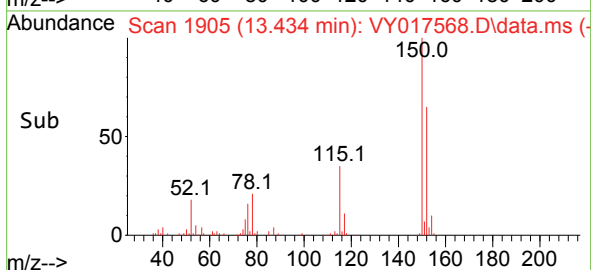
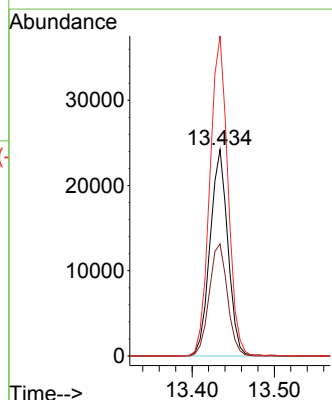
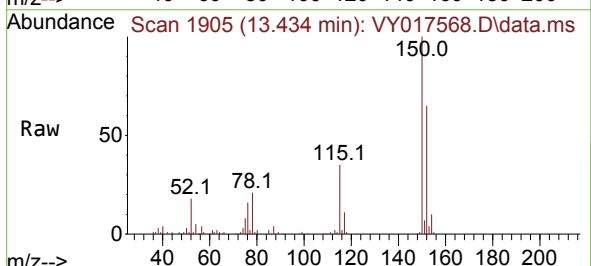
Tgt Ion:152 Resp: 36388

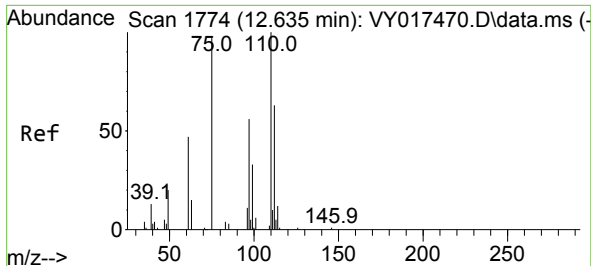
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 157.0 0.0 345.6

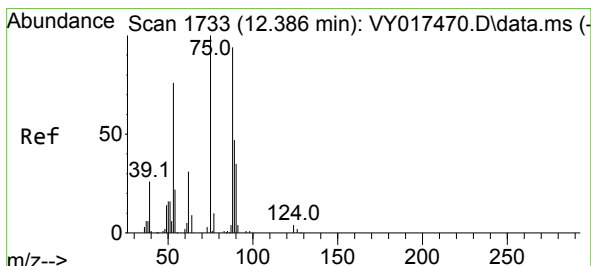
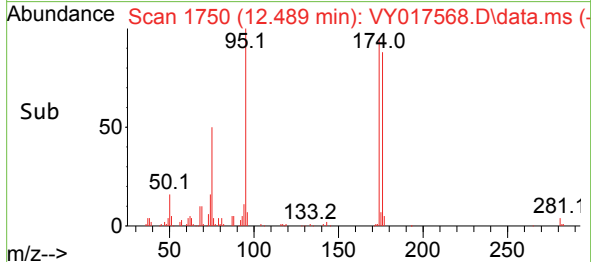
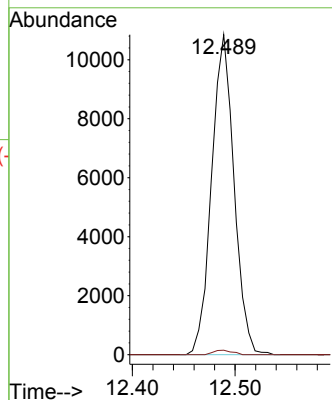
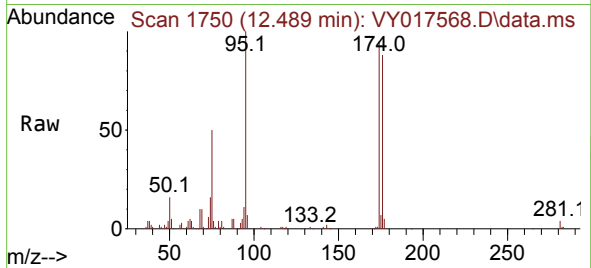




#76
1,2,3-Trichloropropane
Concen: 47.547 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

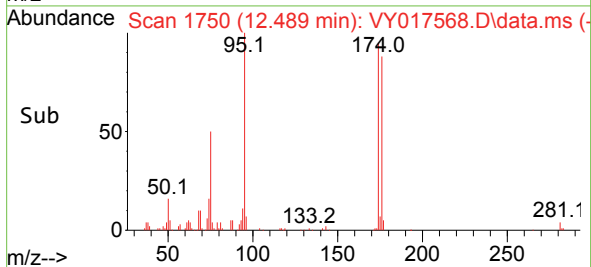
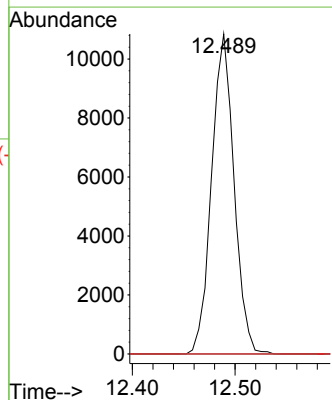
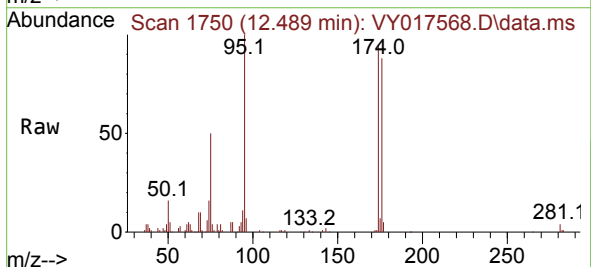
Instrument :
MSVOA_Y
ClientSampleId :
2B

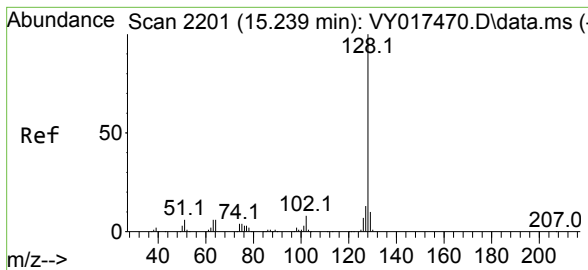
Tgt Ion: 75 Resp: 16439
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.253 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

Tgt Ion: 75 Resp: 16439
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.245 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

Instrument :
MSVOA_Y
ClientSampleId :
2B

Tgt Ion:	128	Resp:	409
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

