

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017494.D
 Acq On : 27 Feb 2024 14:17
 Operator : SY/MD
 Sample : P1602-01
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Feb 28 00:15:59 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)

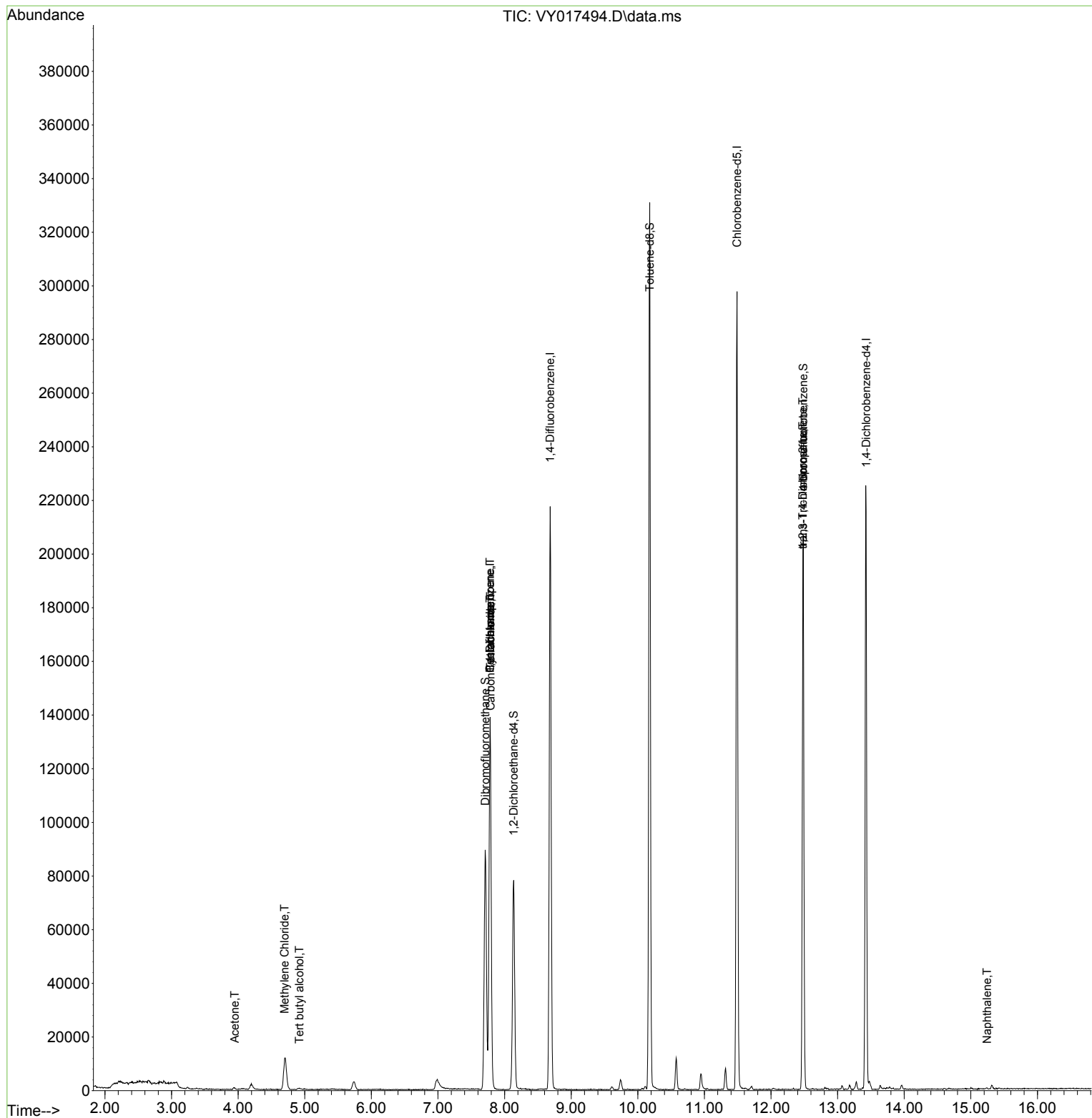
Internal Standards						
1) Pentafluorobenzene	7.783	168	112572	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	197546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57642	54.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.060%	
35) Dibromofluoromethane	7.710	113	64529	46.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.760%	
50) Toluene-d8	10.179	98	222795	46.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	12.483	95	57094	37.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	639	7.051	ug/l #	88
16) Acetone	3.948	43	1016	4.910	ug/l #	78
20) Methylene Chloride	4.698	84	9556	2.675	ug/l	95
31) Cyclohexane	7.783	56	2100	1.210	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8189	4.409	ug/l #	48
38) Carbon Tetrachloride	7.789	117	10041	5.394	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	28493	48.145	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28493	110.627	ug/l #	16
95) Naphthalene	15.245	128	504	4.153	ug/l #	69

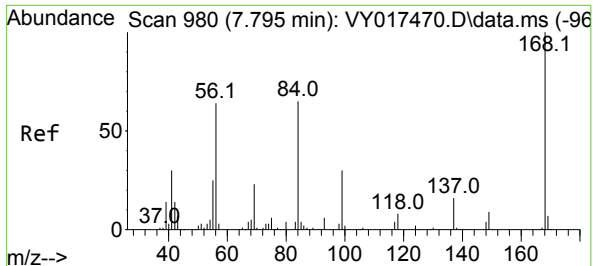
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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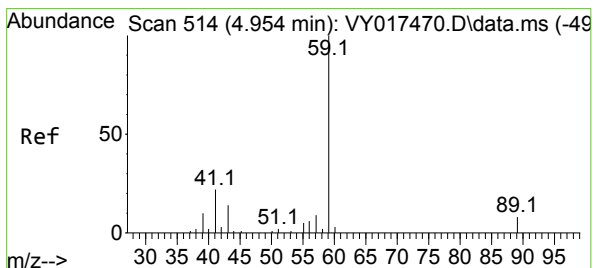
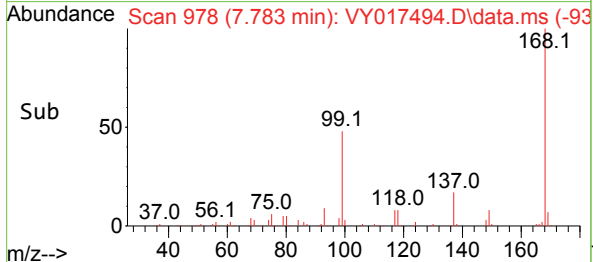
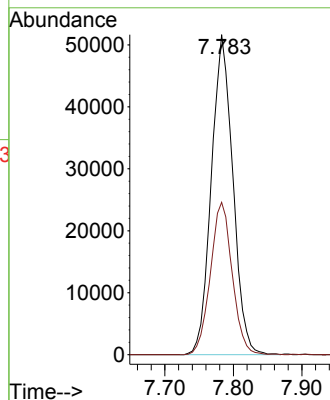
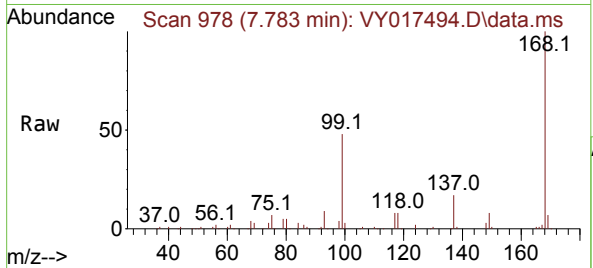




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

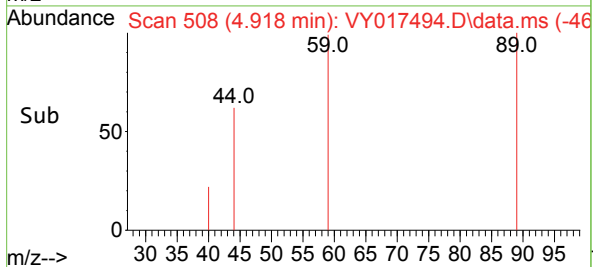
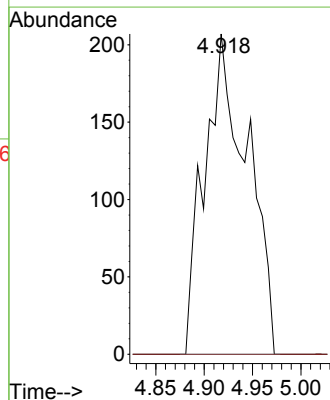
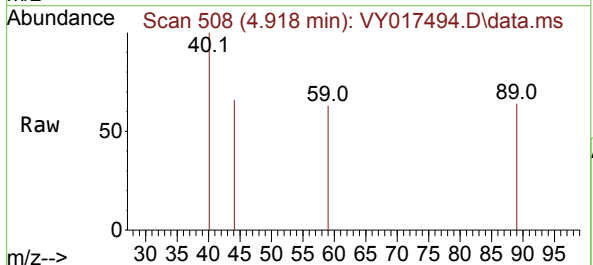
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

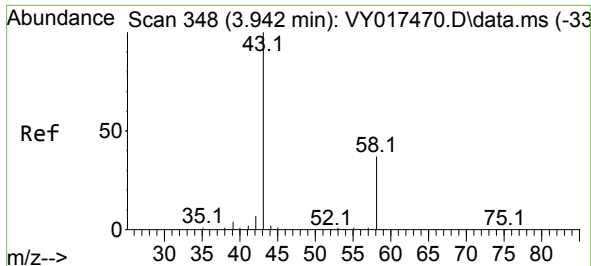
Tgt Ion:168 Resp: 112572
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 7.051 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.910 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

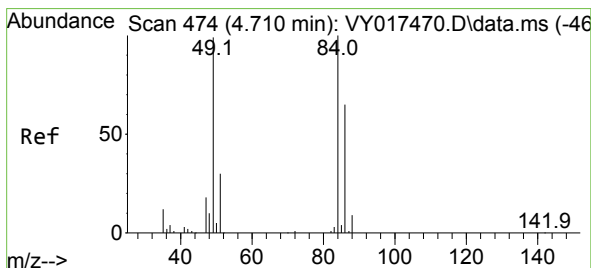
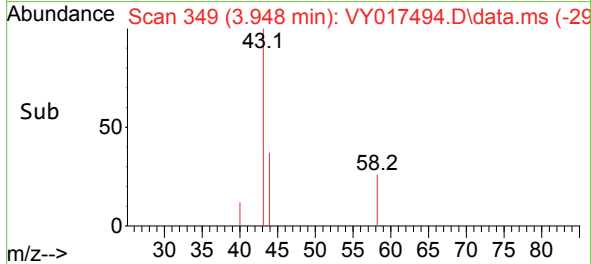
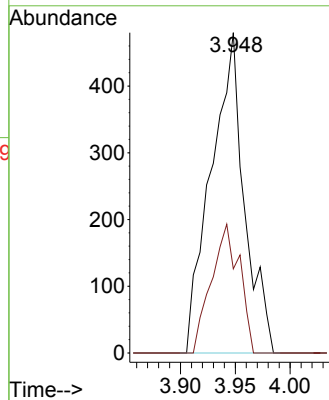
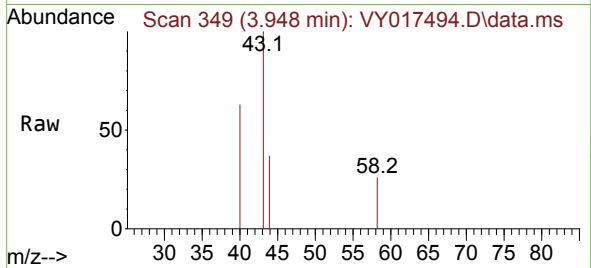
WC-1

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

43 100

58 26.3 31.7 47.5#



#20

Methylene Chloride

Concen: 2.675 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.012 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

Tgt Ion: 84 Resp: 9556

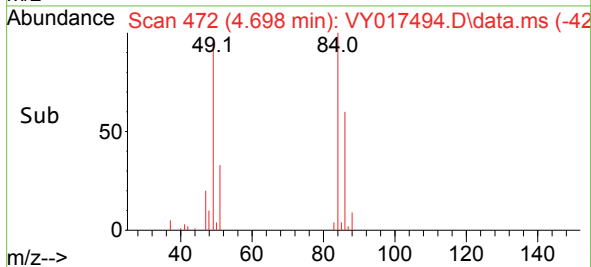
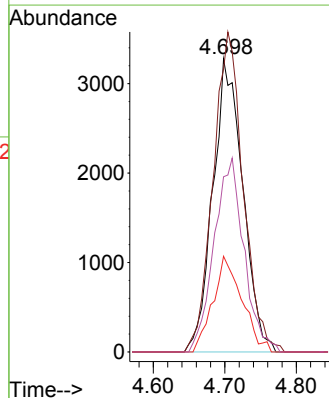
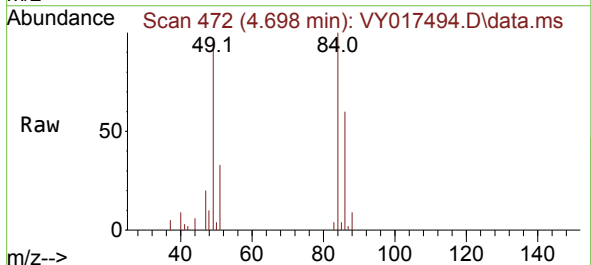
Ion Ratio Lower Upper

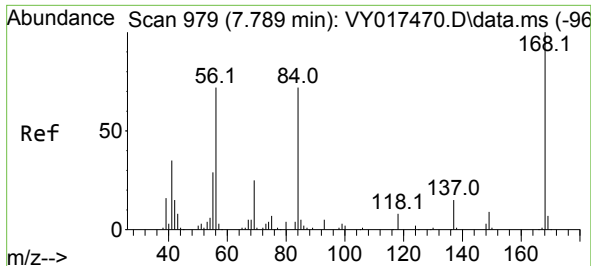
84 100

49 96.6 84.4 126.6

51 32.7 26.0 39.0

86 59.8 49.5 74.3

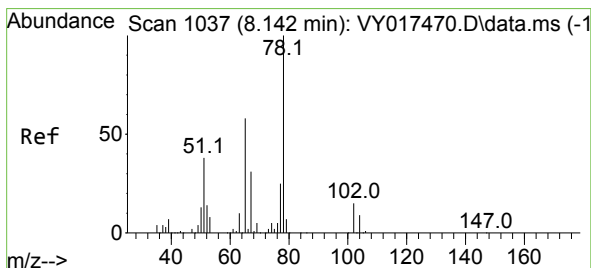
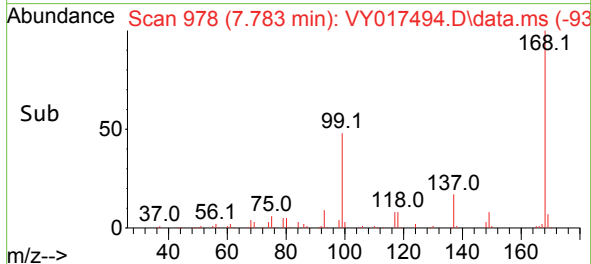
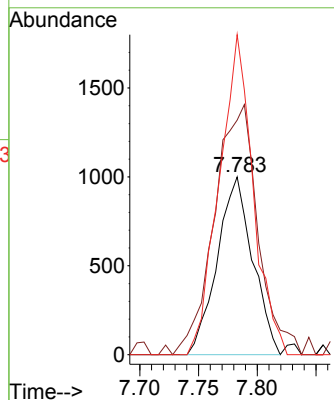
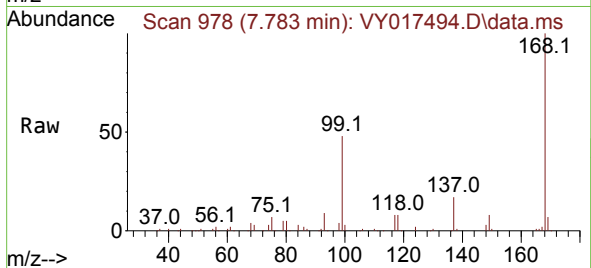




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

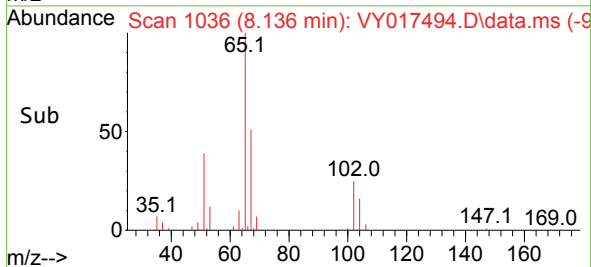
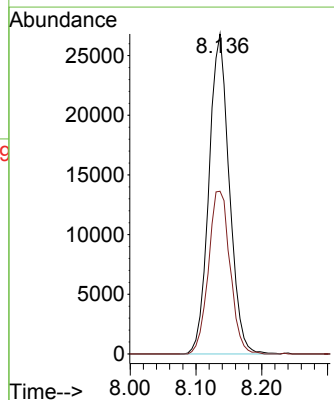
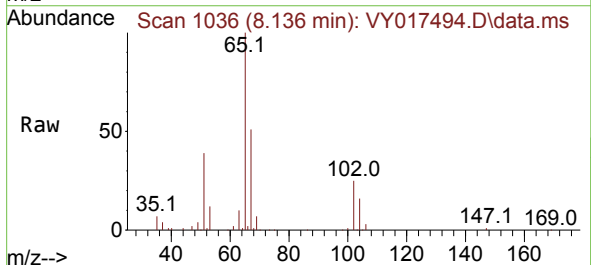
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

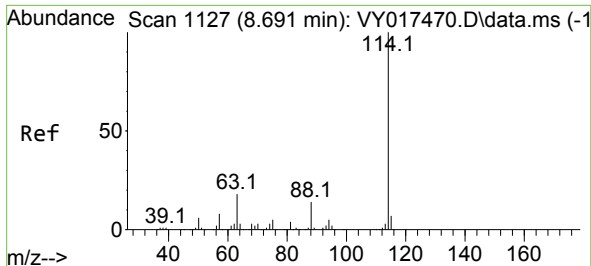
Tgt Ion: 56 Resp: 2100
Ion Ratio Lower Upper
56 100
69 126.4 28.7 43.1#
84 180.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.029 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Tgt Ion: 65 Resp: 57642
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

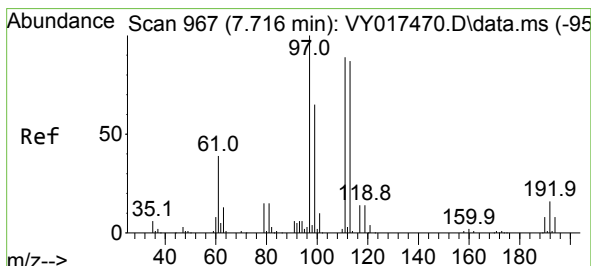
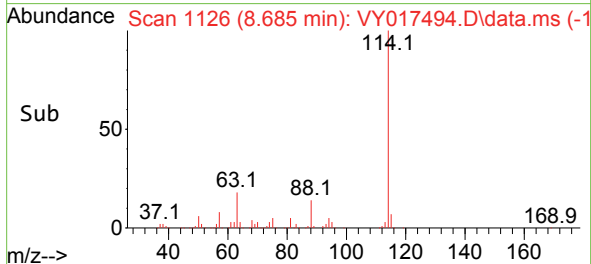
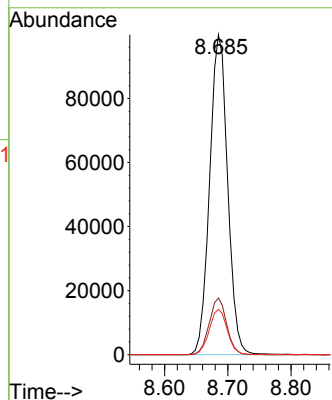
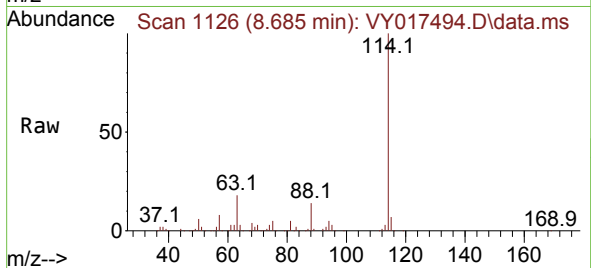
Tgt Ion:114 Resp: 197546

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.877 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

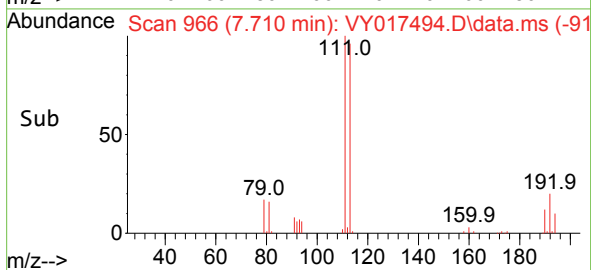
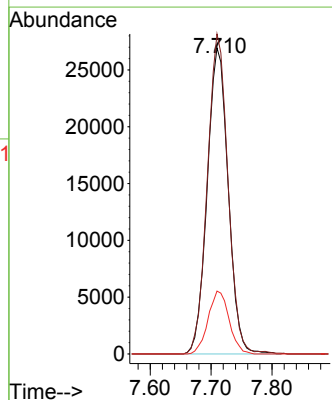
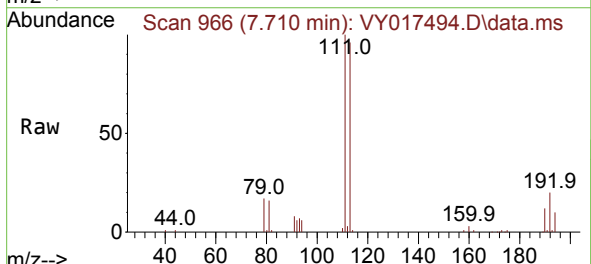
Tgt Ion:113 Resp: 64529

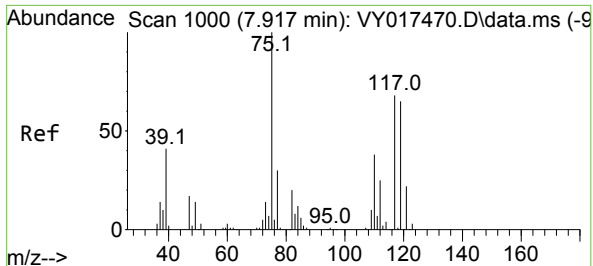
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.409 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

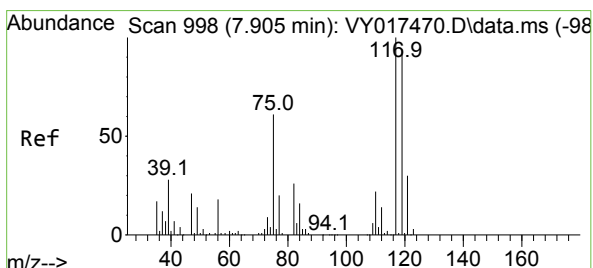
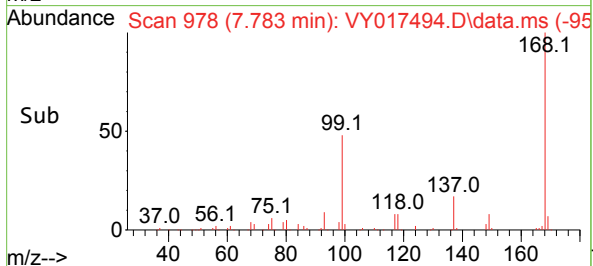
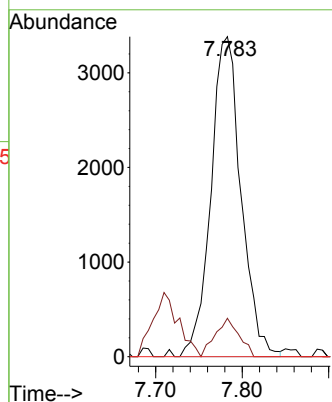
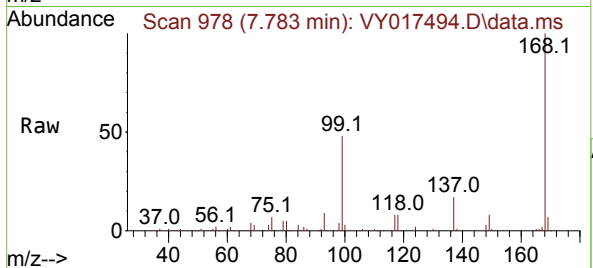
Tgt Ion: 75 Resp: 8189

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.394 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY017494.D

Acq: 27 Feb 2024 14:17

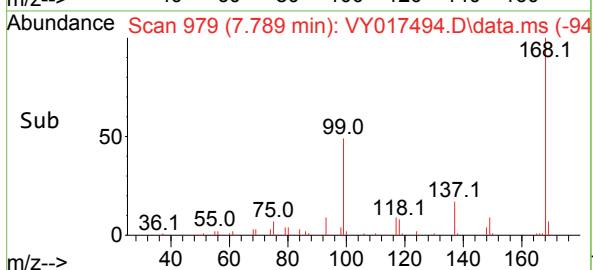
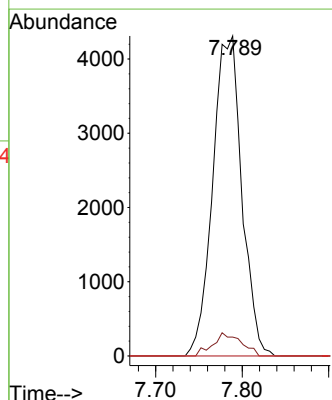
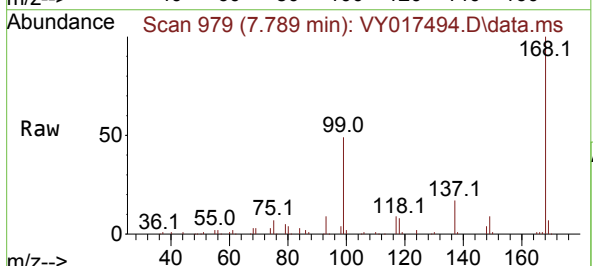
Tgt Ion: 117 Resp: 10041

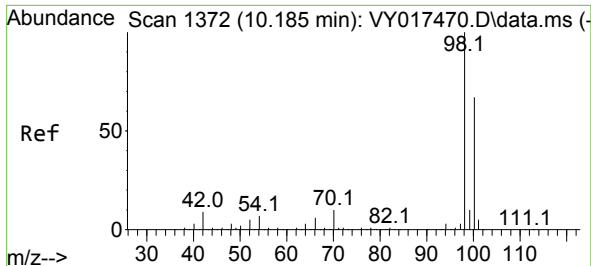
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.0 36.0#

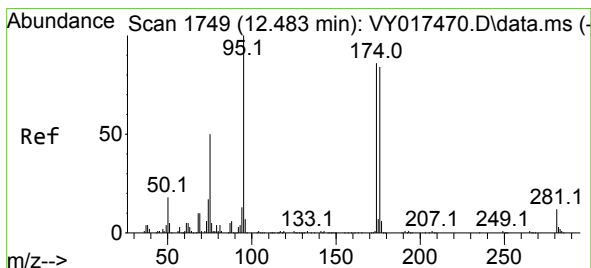
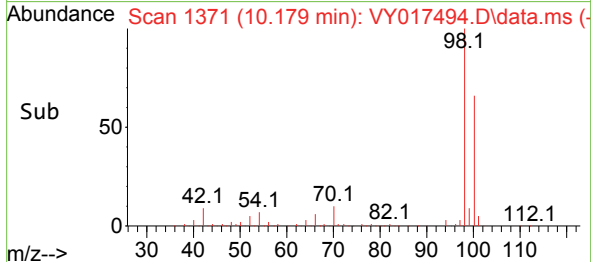
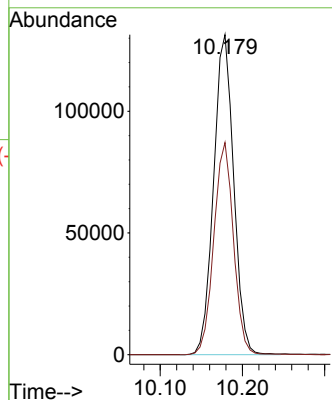
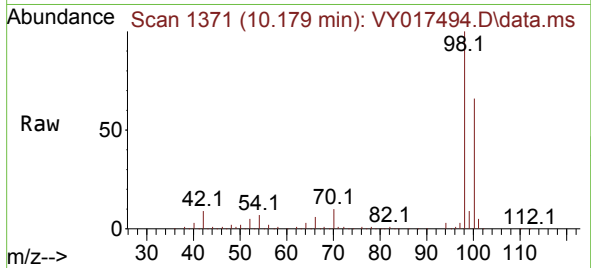




#50
Toluene-d8
Concen: 46.291 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

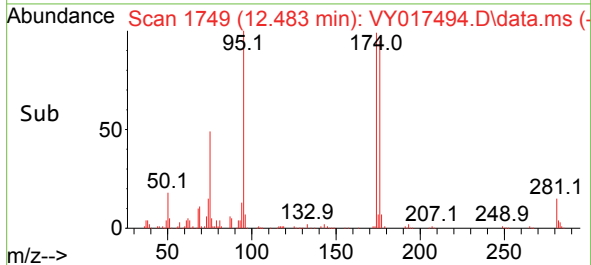
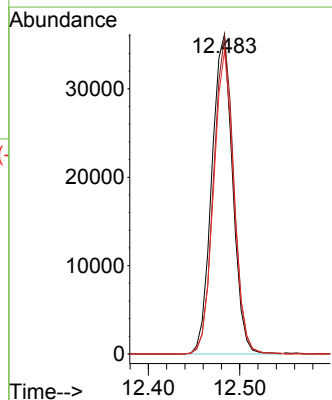
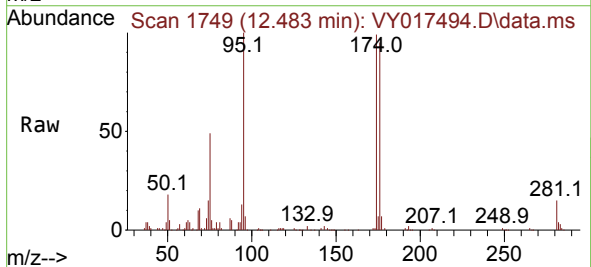
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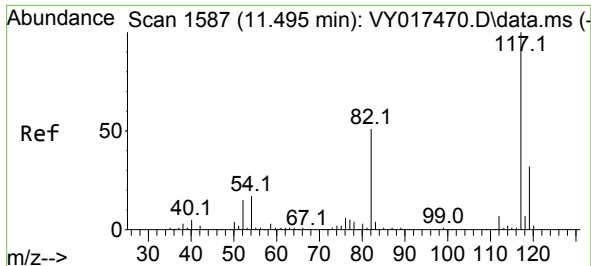
Tgt Ion: 98 Resp: 222795
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.746 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Tgt Ion: 95 Resp: 57094
Ion Ratio Lower Upper
95 100
174 96.6 0.0 175.6
176 92.4 0.0 171.4

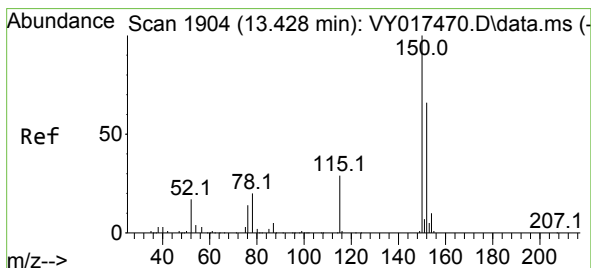
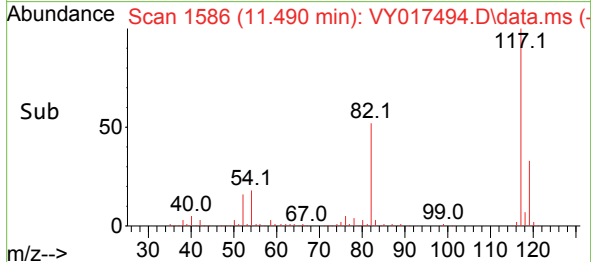
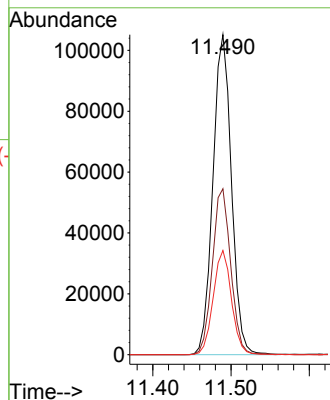
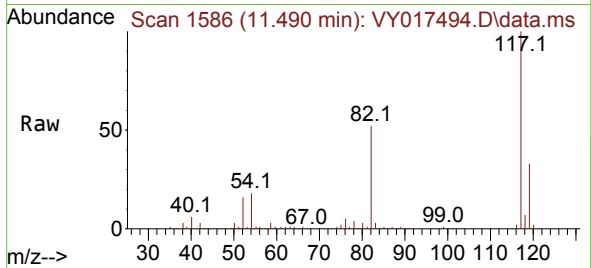




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

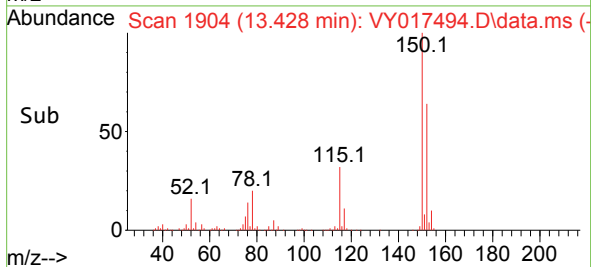
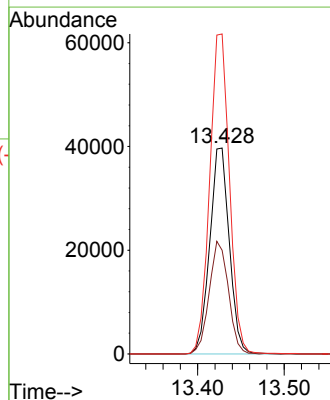
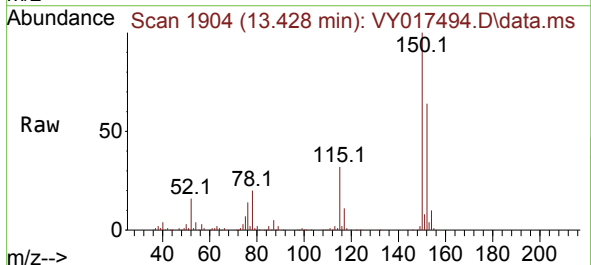
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

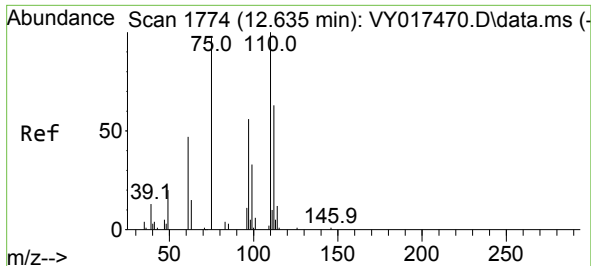
Tgt Ion:117 Resp: 172771
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

Tgt Ion:152 Resp: 62286
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 157.1 0.0 345.6

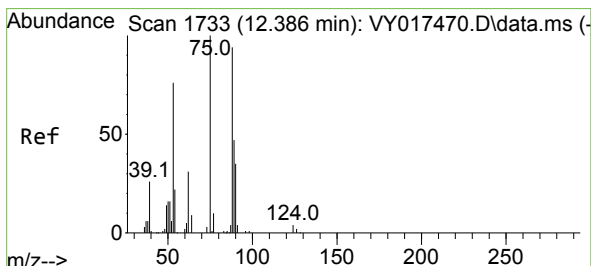
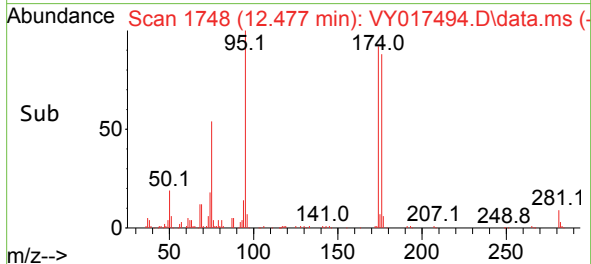
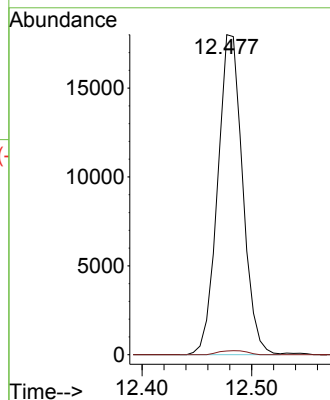
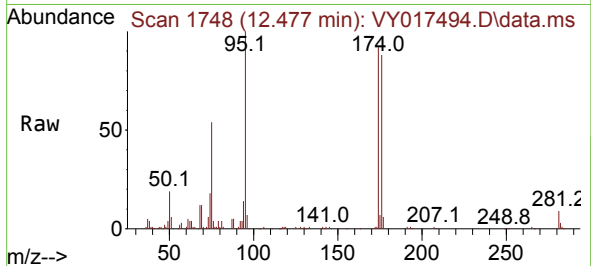




#76
1,2,3-Trichloropropane
Concen: 48.145 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

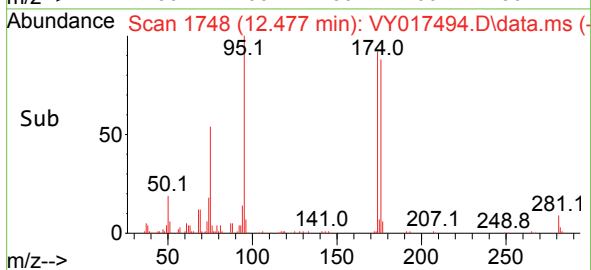
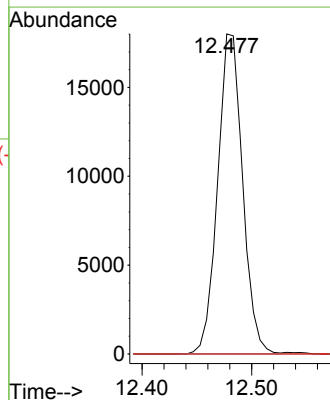
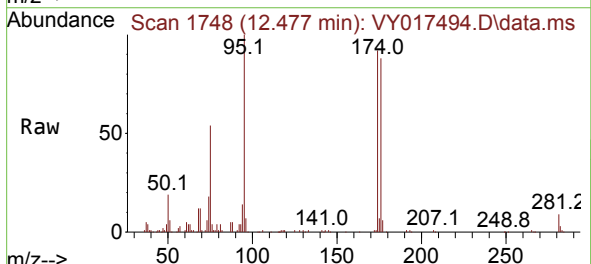
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

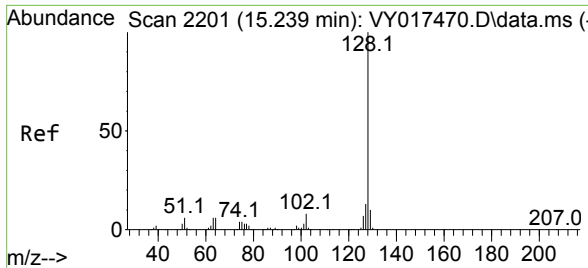
Tgt Ion: 75 Resp: 28493
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.092 min
Lab File: VY017494.D
Acq: 27 Feb 2024 14:17

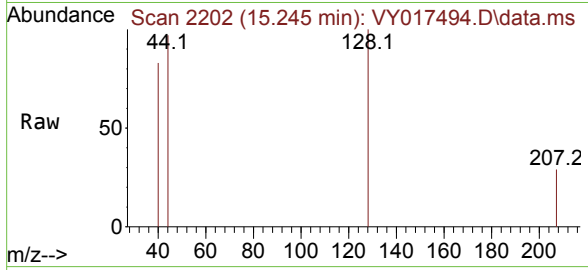
Tgt Ion: 75 Resp: 28493
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 4.153 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017494.D
 Acq: 27 Feb 2024 14:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:	128	Resp:	504
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

