

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017317.D
 Acq On : 08 Feb 2024 16:58
 Operator : SY/MD
 Sample : P1391-21
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:14:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

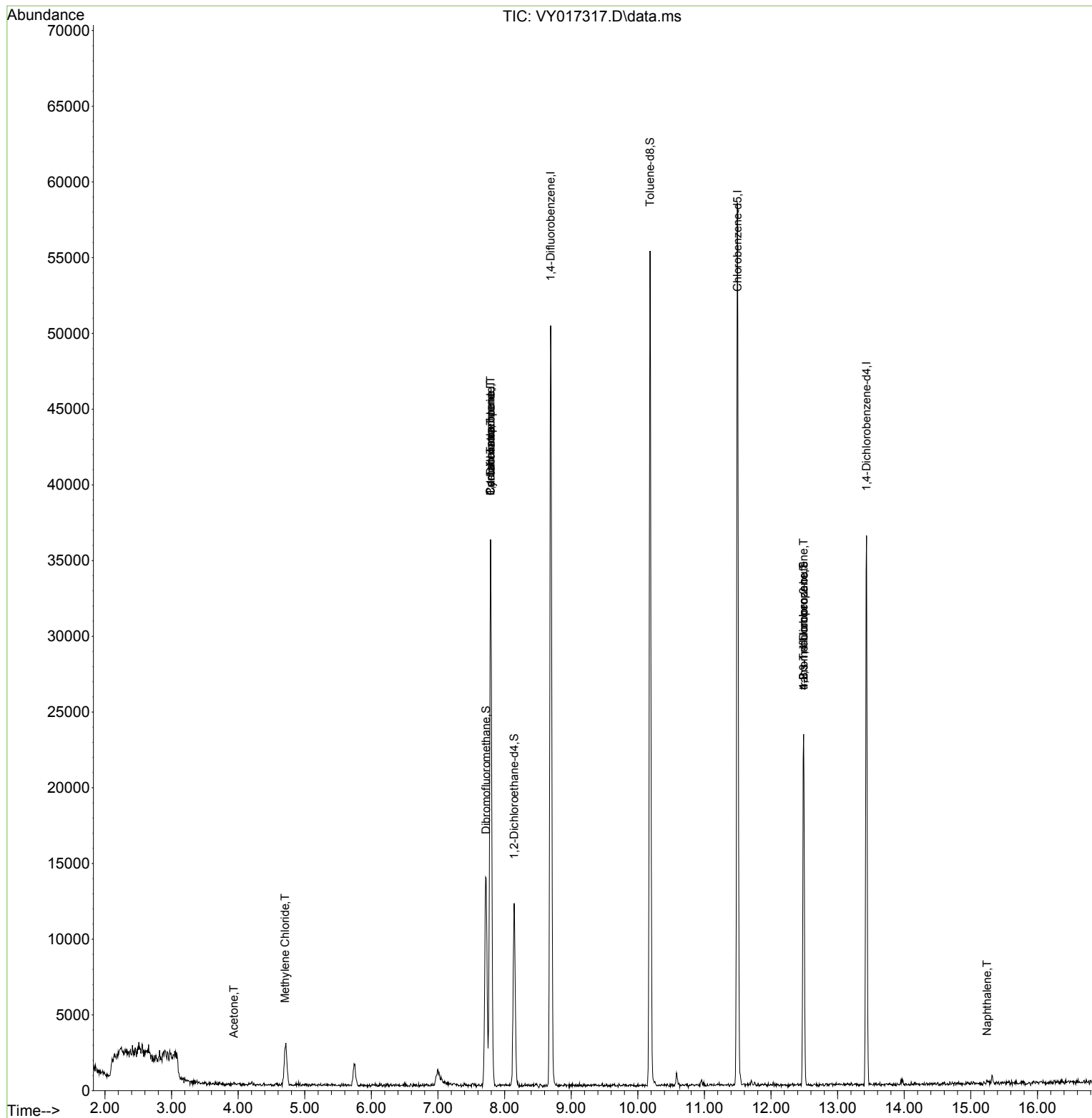
Internal Standards						
1) Pentafluorobenzene	7.789	168	26517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	31454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8763	36.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.980%
35) Dibromofluoromethane	7.722	113	10169	44.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.260%
50) Toluene-d8	10.185	98	36099	43.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.060%
62) 4-Bromofluorobenzene	12.489	95	7016	25.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	19	Below Cal	#	75
16) Acetone	3.936	43	239	3.433	ug/l #	41
20) Methylene Chloride	4.704	84	2157	4.367	ug/l	94
31) Cyclohexane	7.789	56	681	1.426	ug/l #	13
36) 1,1-Dichloropropene	7.789	75	2405	6.051	ug/l #	47
38) Carbon Tetrachloride	7.789	117	2779	7.302	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	4149	50.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	4149	104.596	ug/l #	12
95) Naphthalene	15.245	128	364	4.861	ug/l #	69

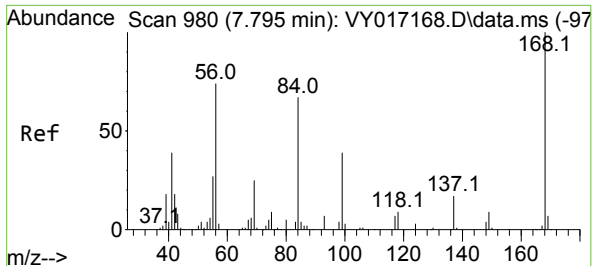
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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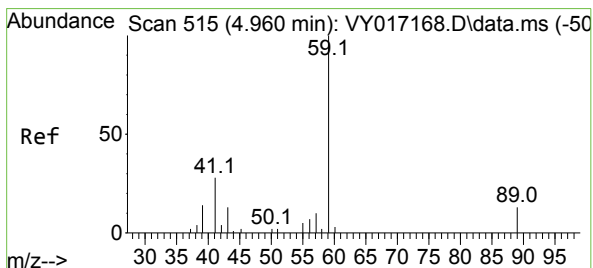
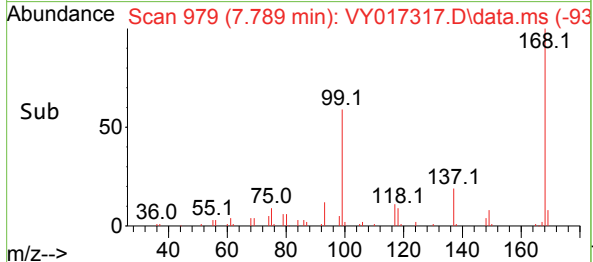
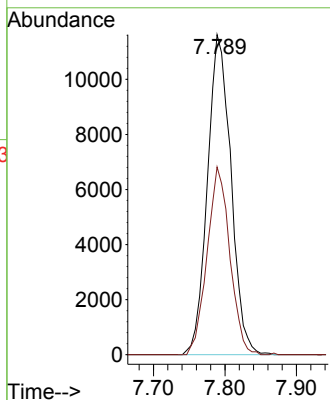
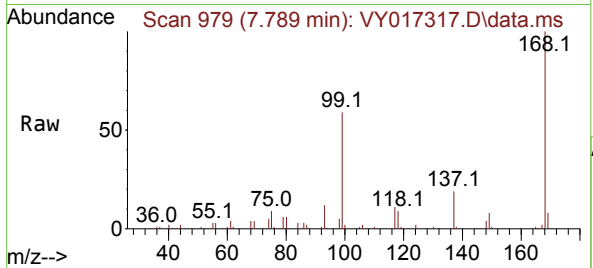




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

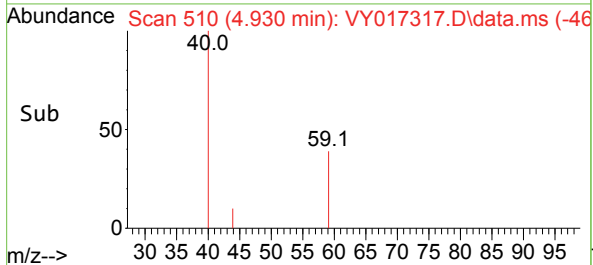
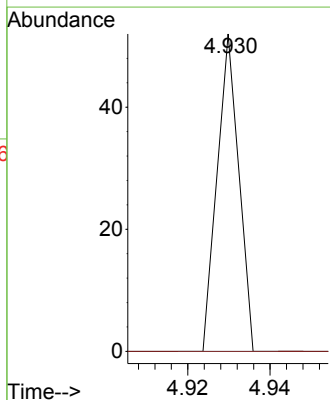
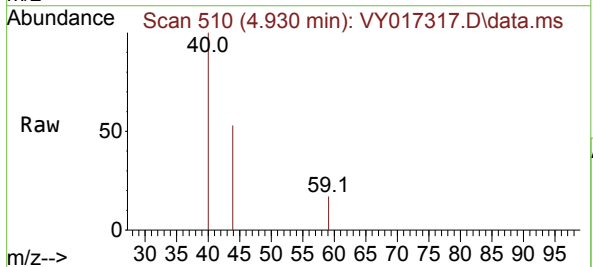
Instrument :
MSVOA_Y
ClientSampleId :

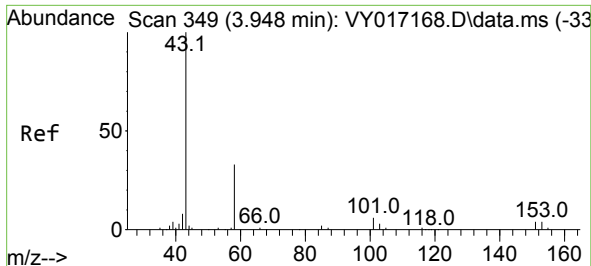
Tgt Ion:168 Resp: 26517
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

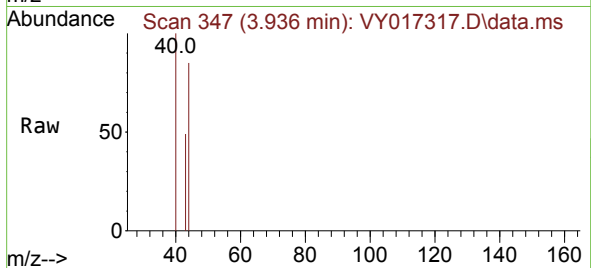
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



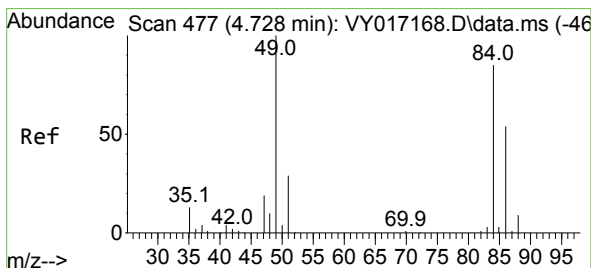
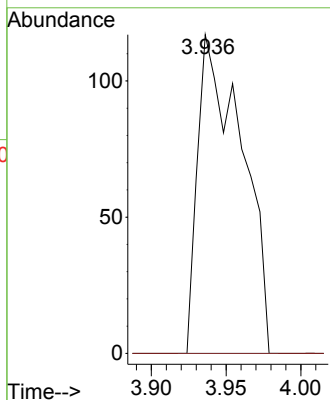
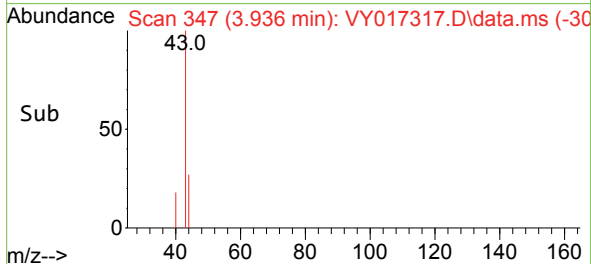


#16
Acetone
Concen: 3.433 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

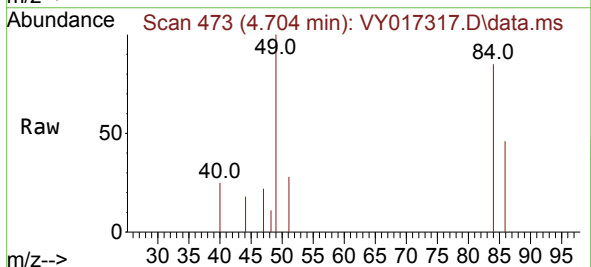
Instrument :
MSVOA_Y
ClientSampleId :



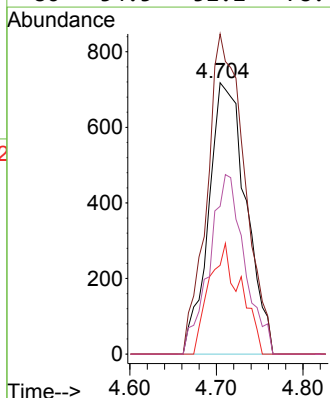
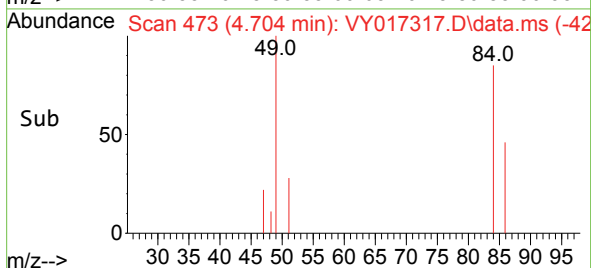
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

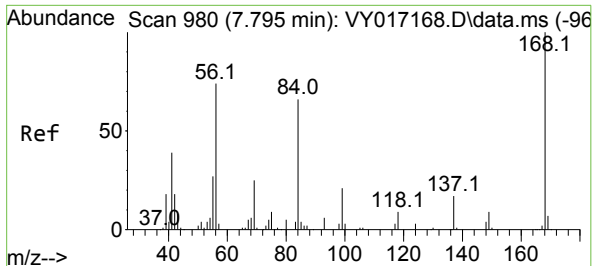


#20
Methylene Chloride
Concen: 4.367 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58



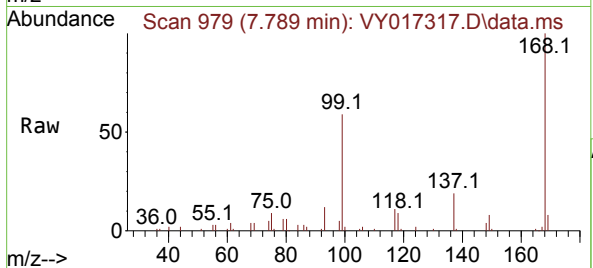
Tgt Ion: 84 Resp: 2157
Ion Ratio Lower Upper
84 100
49 118.0 95.2 142.8
51 32.7 29.9 44.9
86 54.5 52.2 78.4



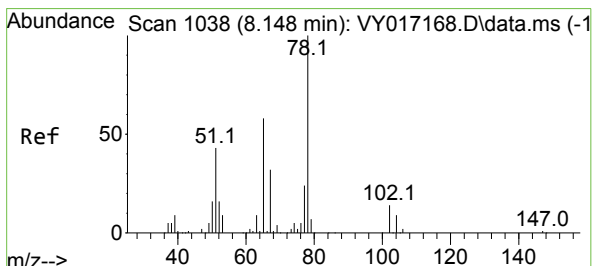
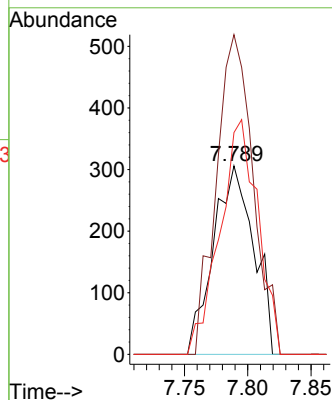
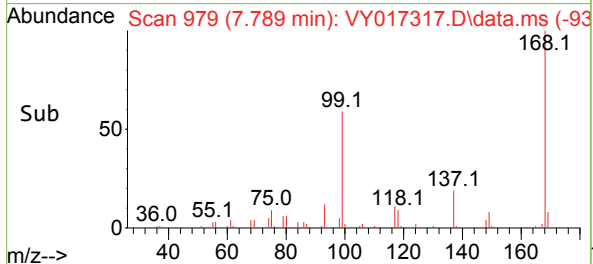


#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

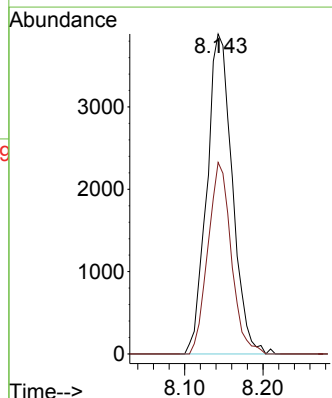
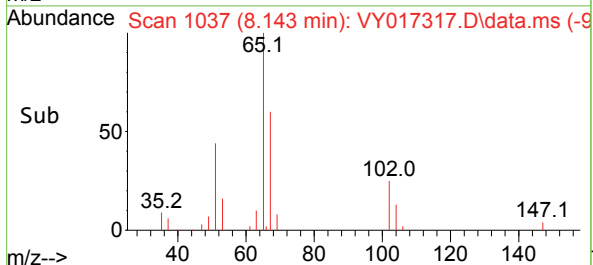
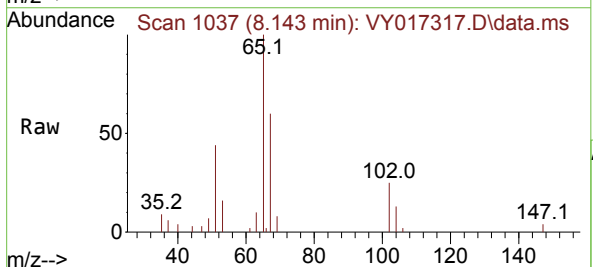


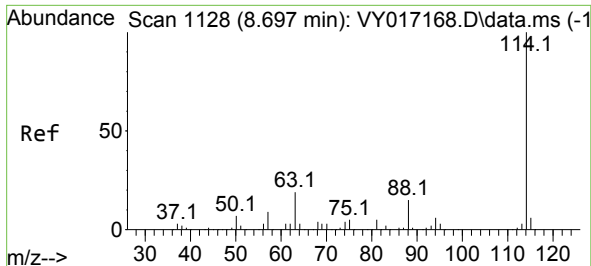
Tgt Ion: 56 Resp: 681
Ion Ratio Lower Upper
56 100
69 169.6 27.0 40.6#
84 117.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 36.992 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

Tgt Ion: 65 Resp: 8763
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017317.D

Acq: 08 Feb 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

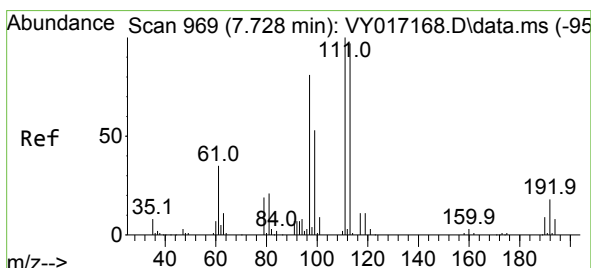
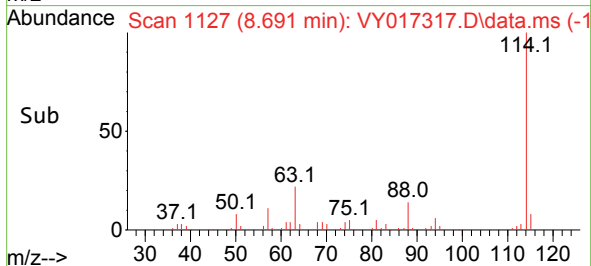
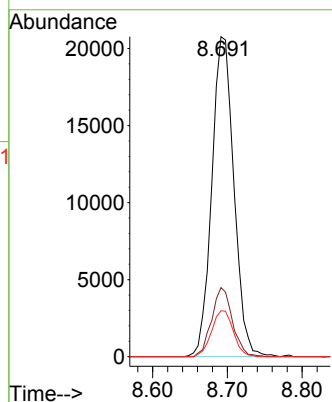
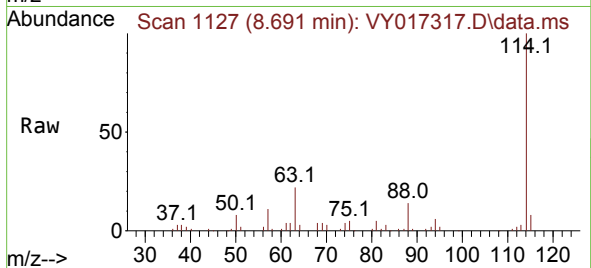
Tgt Ion:114 Resp: 42677

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.131 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017317.D

Acq: 08 Feb 2024 16:58

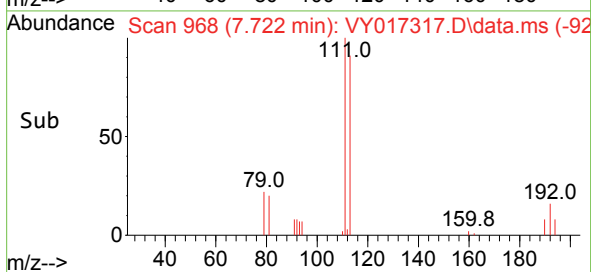
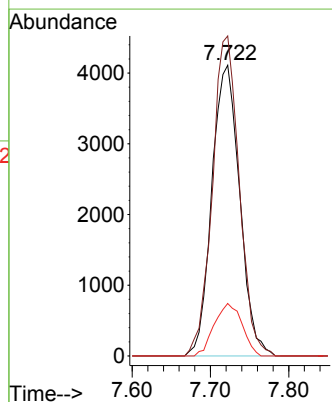
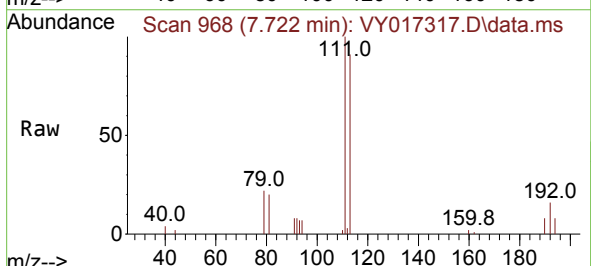
Tgt Ion:113 Resp: 10169

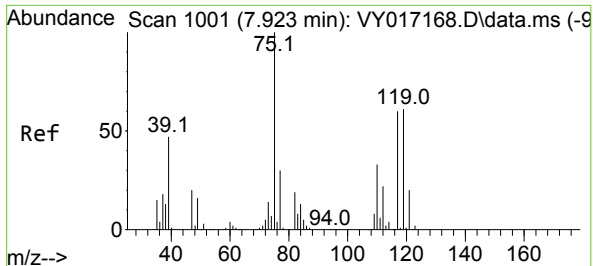
Ion Ratio Lower Upper

113 100

111 106.2 83.8 125.6

192 18.0 14.5 21.7

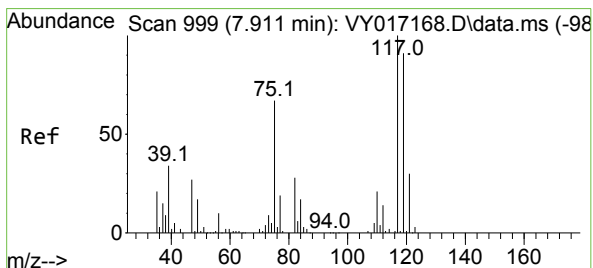
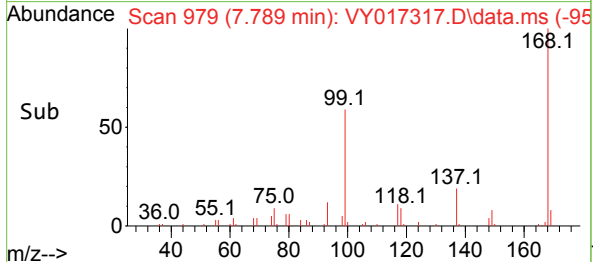
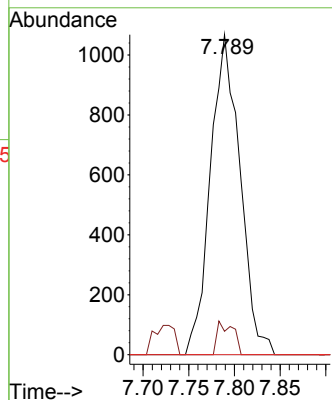
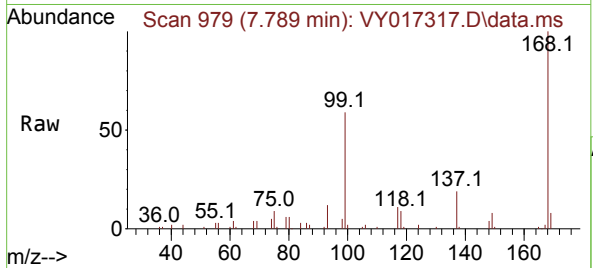




#36
1,1-Dichloropropene
Concen: 6.051 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

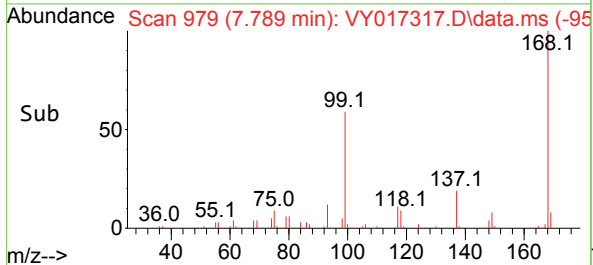
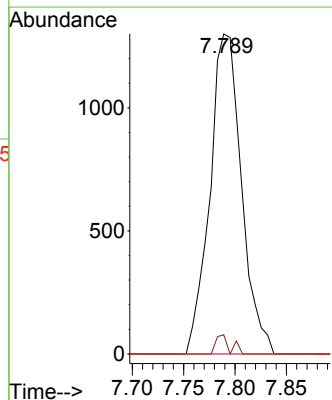
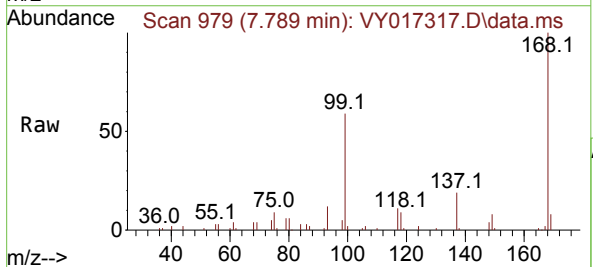
Instrument :
MSVOA_Y
ClientSampleId :

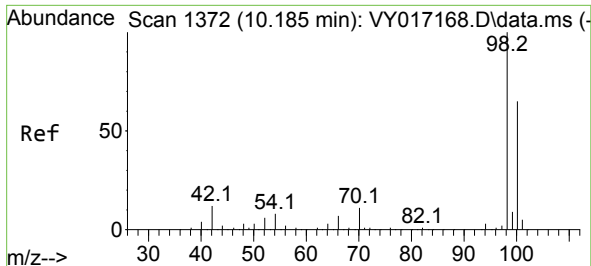
Tgt Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
110 5.6 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.302 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

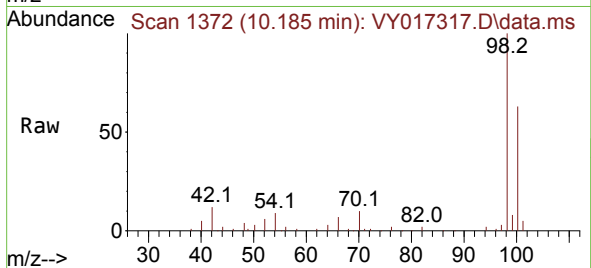
Tgt Ion: 117 Resp: 2779
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.2 36.2#



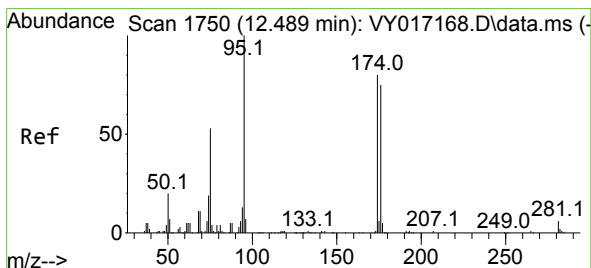
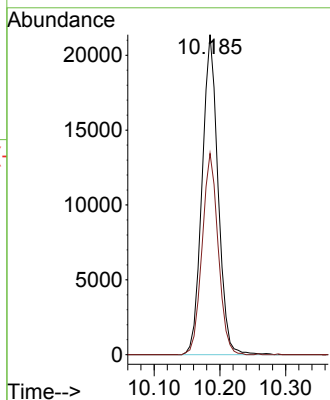
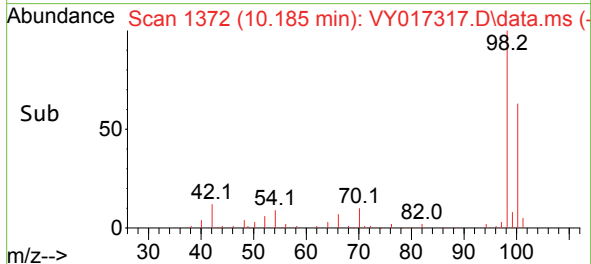


#50
Toluene-d8
Concen: 43.028 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

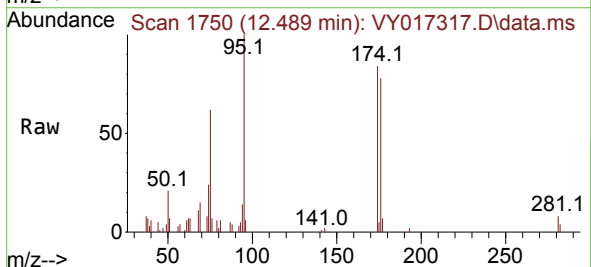
Instrument :
MSVOA_Y
ClientSampleId :



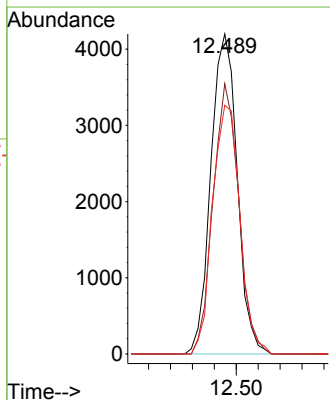
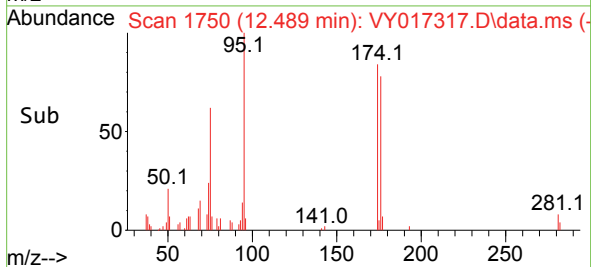
Tgt Ion: 98 Resp: 36099
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5

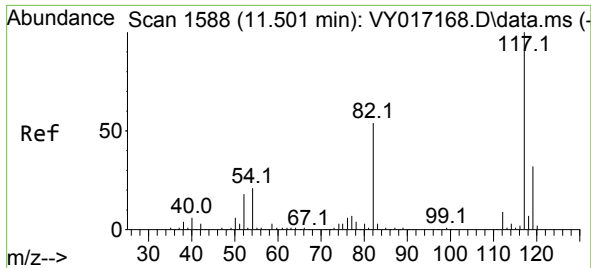


#62
4-Bromofluorobenzene
Concen: 25.528 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58



Tgt Ion: 95 Resp: 7016
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 80.7 0.0 151.8

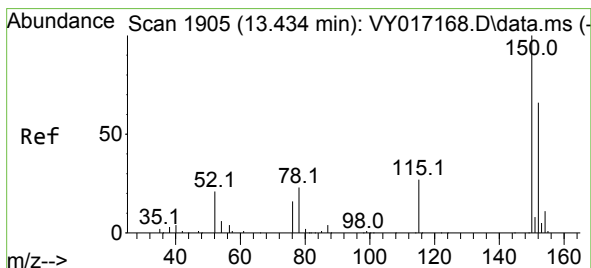
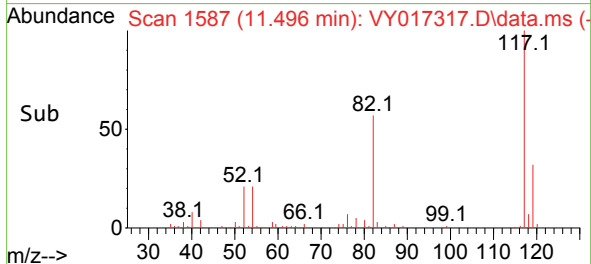
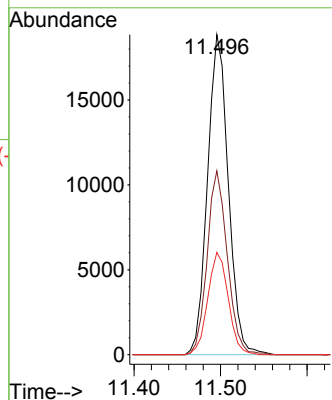
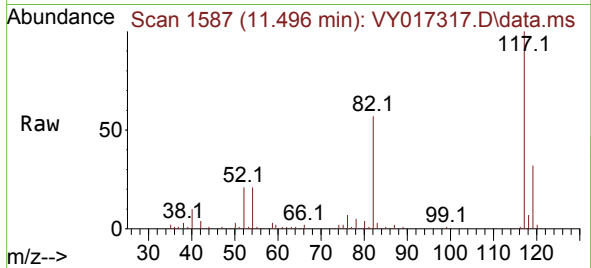




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

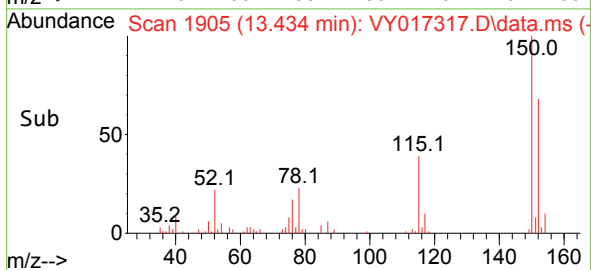
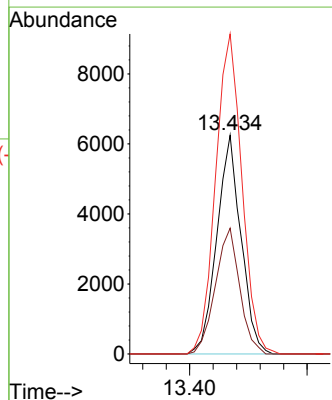
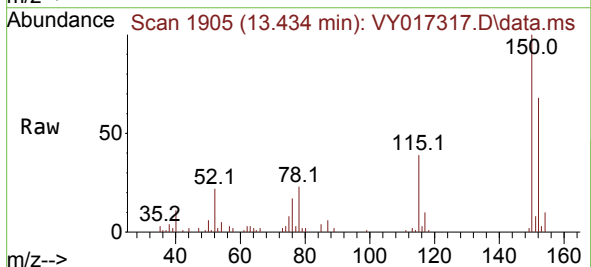
Instrument :
MSVOA_Y
ClientSampleId :

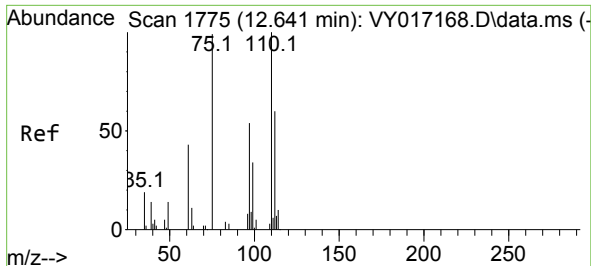
Tgt Ion:117 Resp: 31454
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

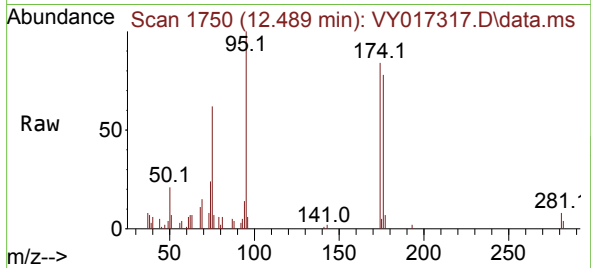
Tgt Ion:152 Resp: 8930
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 158.7 0.0 344.6



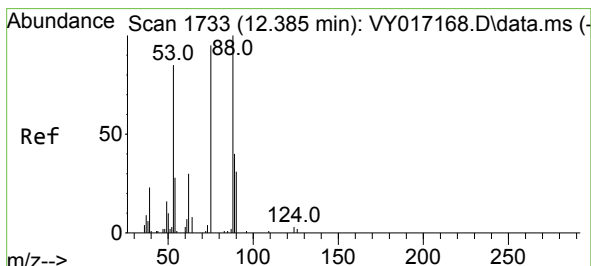
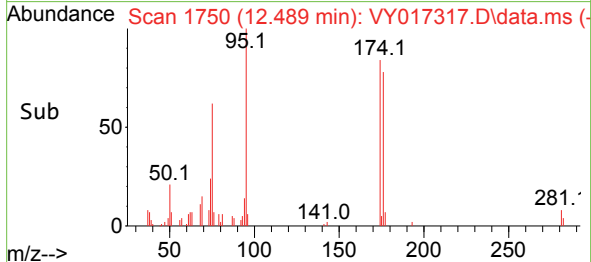
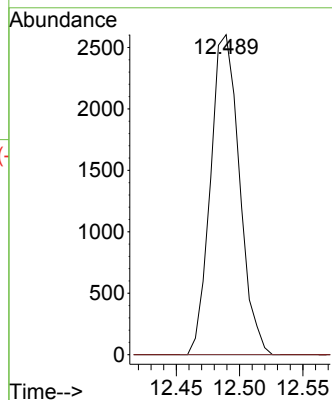


#76
1,2,3-Trichloropropane
Concen: 50.338 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

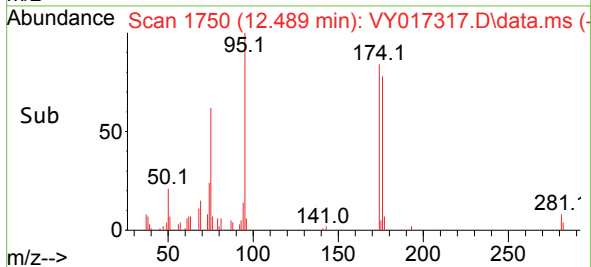
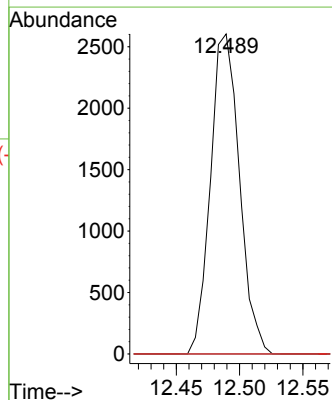
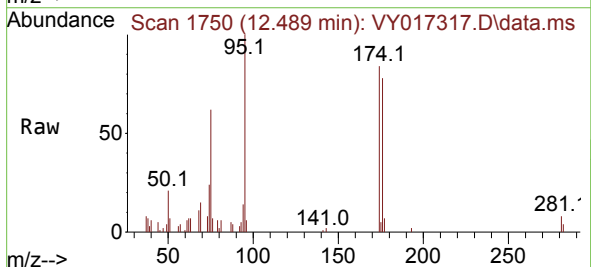


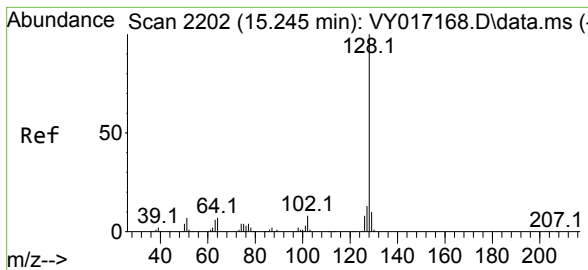
Tgt Ion: 75 Resp: 4149
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 104.596 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

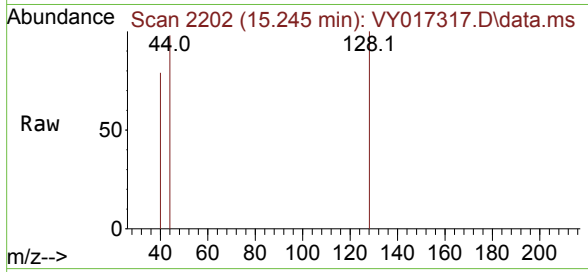
Tgt Ion: 75 Resp: 4149
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 4.861 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017317.D
 Acq: 08 Feb 2024 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	364
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

