

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017516.D
 Acq On : 28 Feb 2024 13:14
 Operator : SY/MD
 Sample : P1610-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-02272024

Quant Time: Feb 28 23:12:37 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)

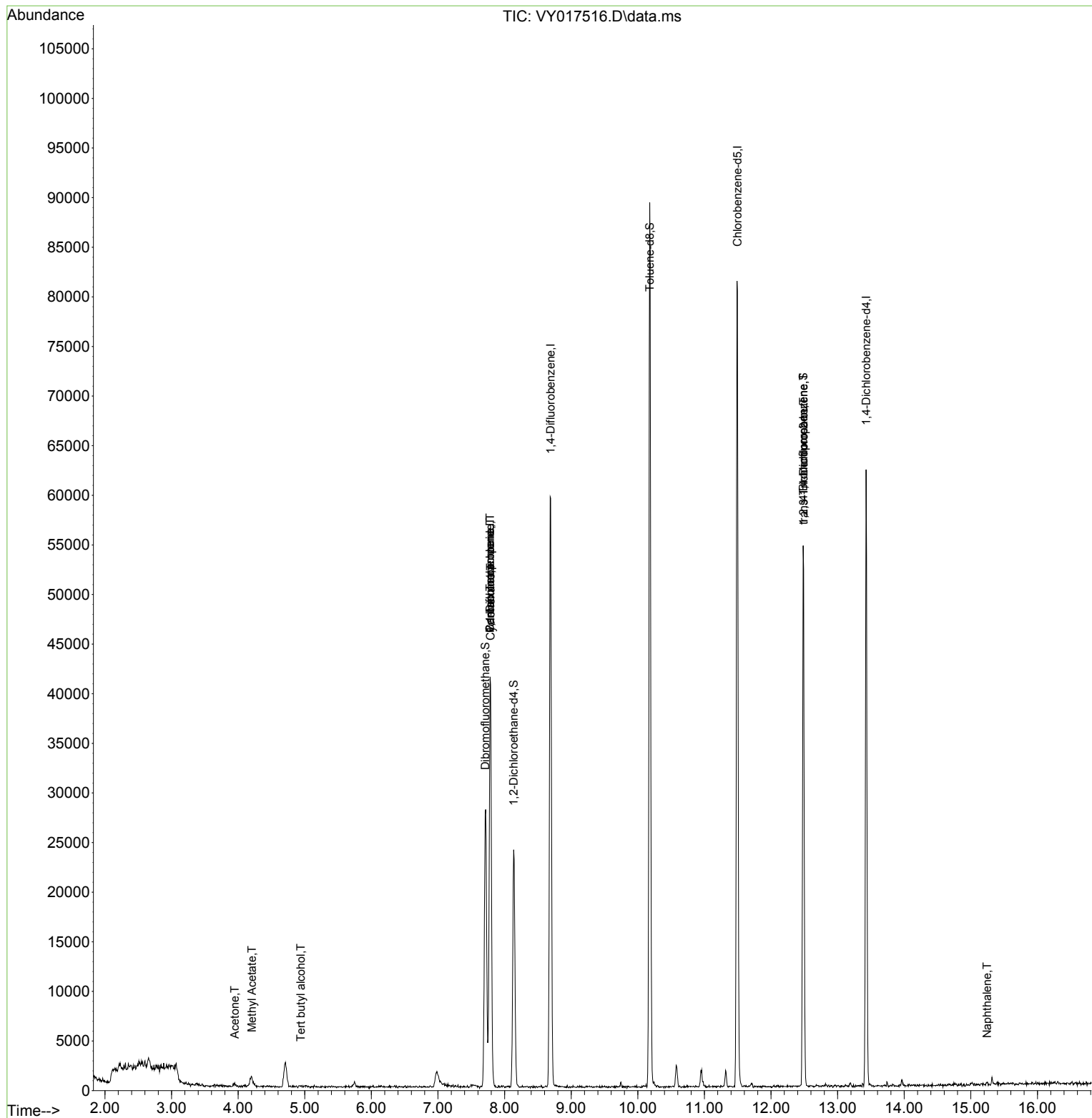
Internal Standards						
1) Pentafluorobenzene	7.783	168	35113	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	55930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	50218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18610	55.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.840%	
35) Dibromofluoromethane	7.710	113	20698	53.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.220%	
50) Toluene-d8	10.179	98	63252	46.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.840%	
62) 4-Bromofluorobenzene	12.483	95	15725	36.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	103	3.644	ug/l #	88
16) Acetone	3.948	43	461	7.142	ug/l #	36
18) Methyl Acetate	4.204	43	444	2.835	ug/l #	46
31) Cyclohexane	7.789	56	573	1.058	ug/l #	43
36) 1,1-Dichloropropene	7.783	75	2449	4.657	ug/l #	42
38) Carbon Tetrachloride	7.783	117	3113	5.907	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	7815	48.517	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	7815	111.480	ug/l #	16
95) Naphthalene	15.245	128	222	4.300	ug/l #	69

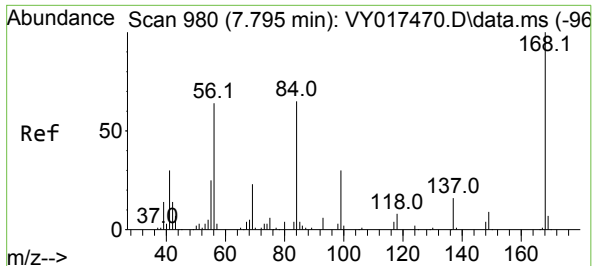
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SU-02-02272024

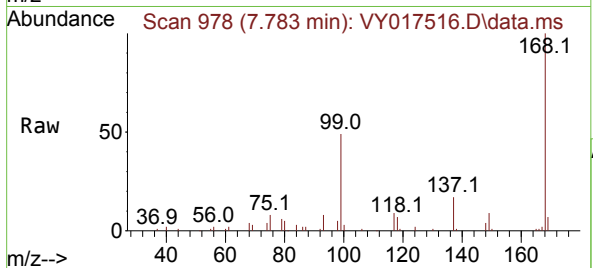
Quant Time: Feb 28 23:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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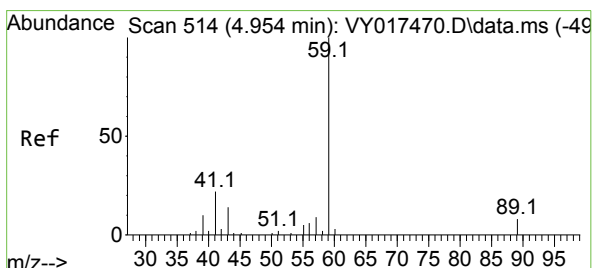
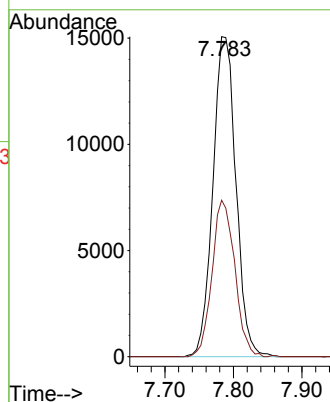
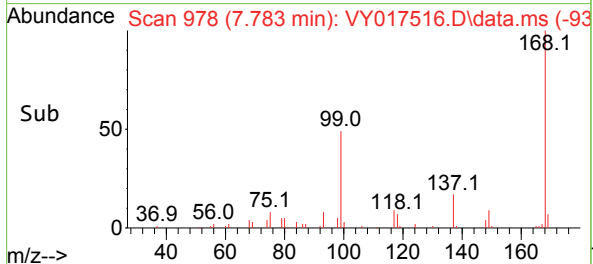


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

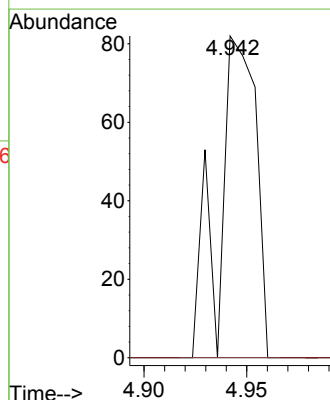
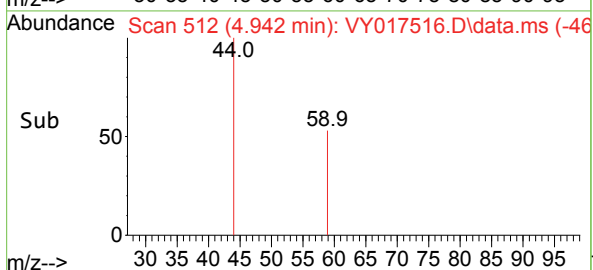
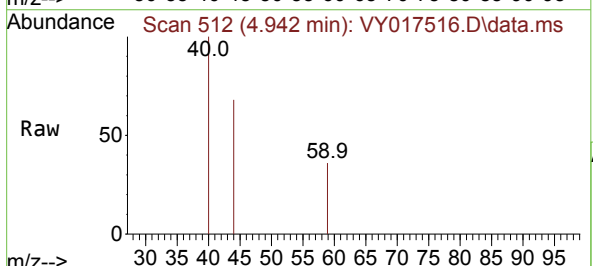


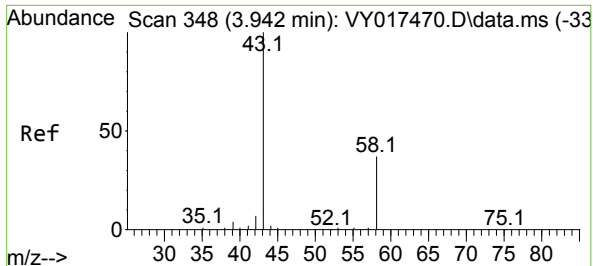
Tgt Ion:168 Resp: 35113
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.644 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

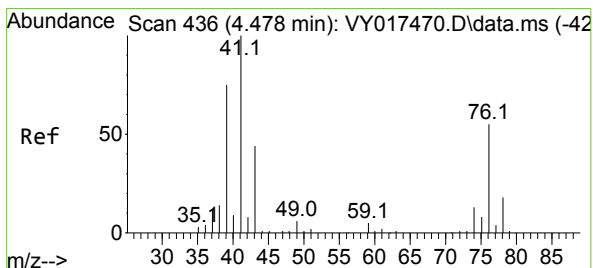
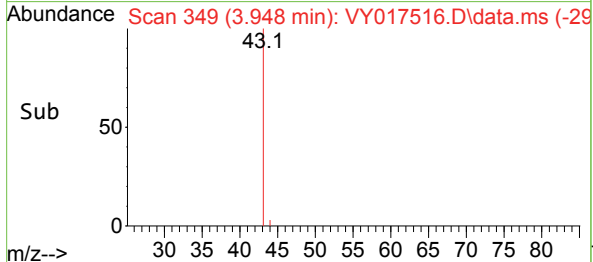
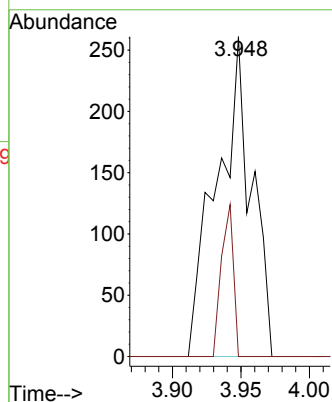
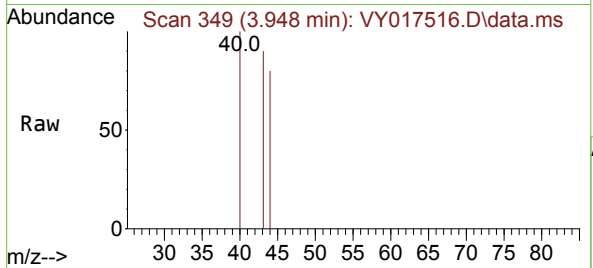




#16
Acetone
Concen: 7.142 ug/l
RT: 3.948 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

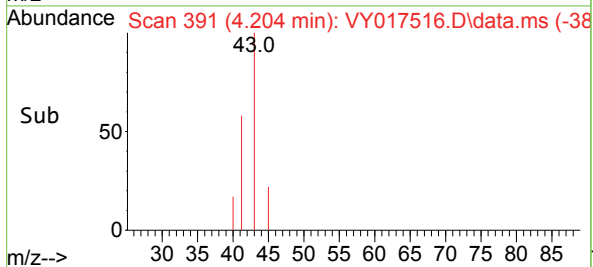
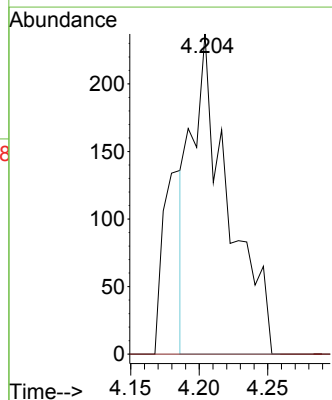
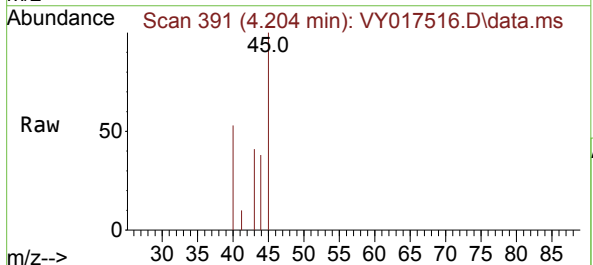
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

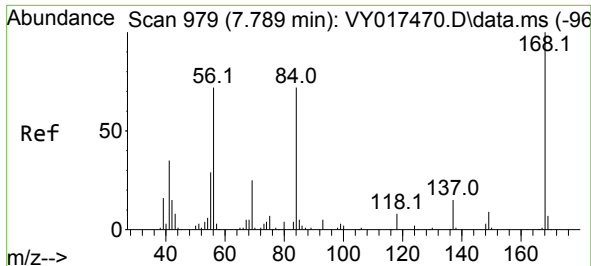
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 2.835 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.274 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

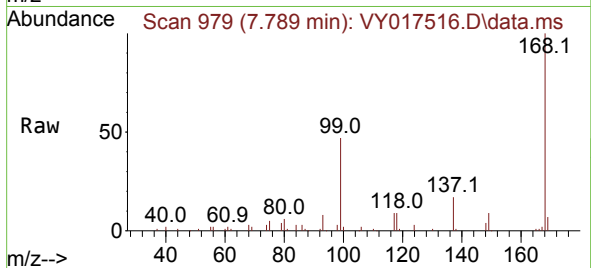
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



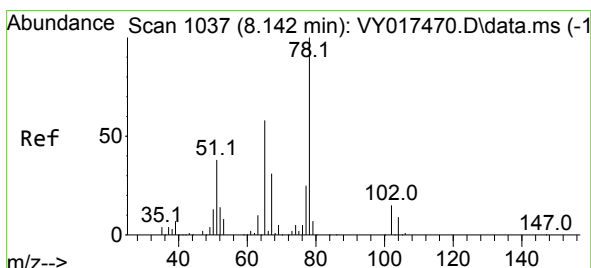
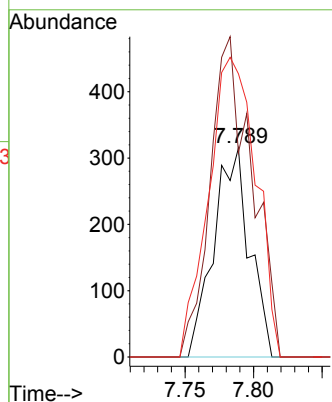
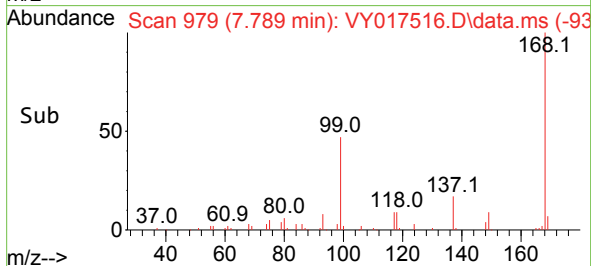


#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

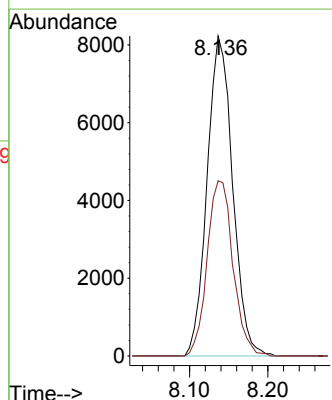
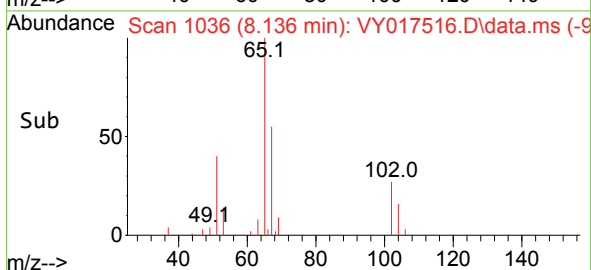
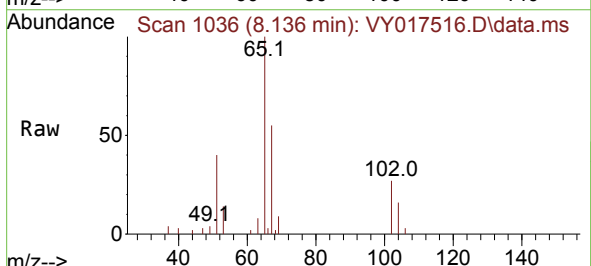


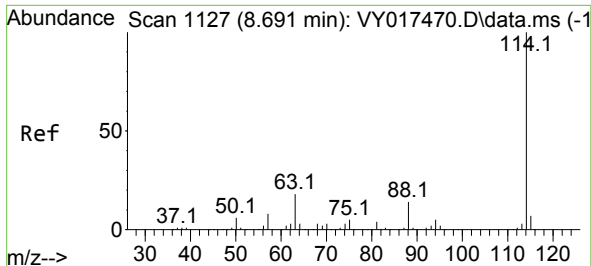
Tgt Ion: 56 Resp: 573
Ion Ratio Lower Upper
56 100
69 97.8 28.7 43.1#
84 135.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.923 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion: 65 Resp: 18610
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

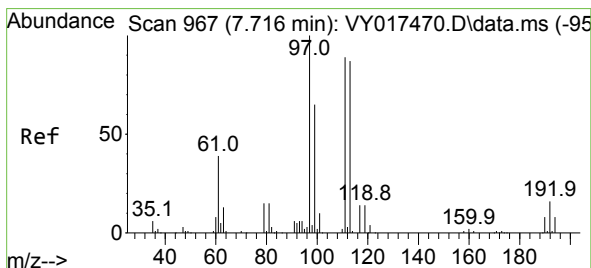
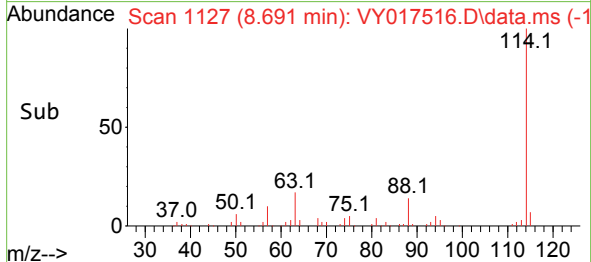
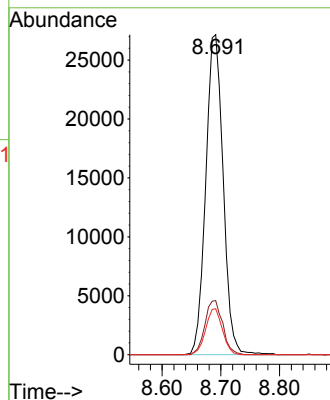
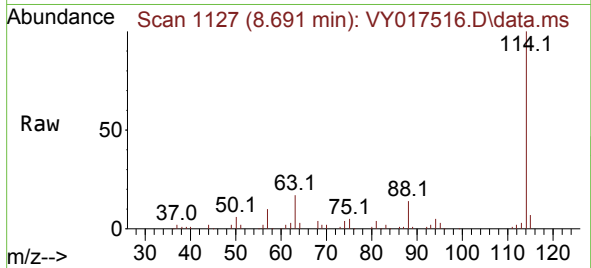




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

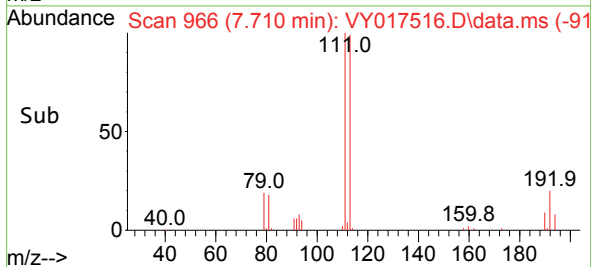
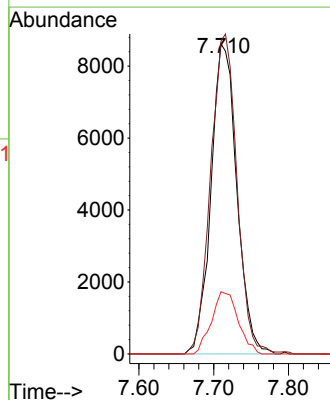
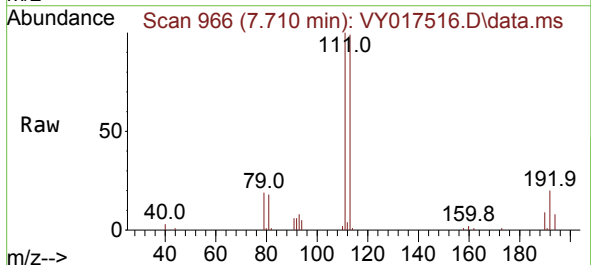
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

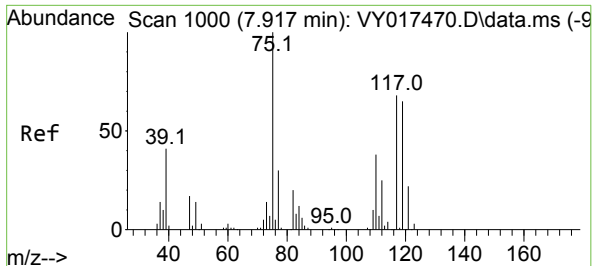
Tgt Ion:114 Resp: 55930
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.108 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion:113 Resp: 20698
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 20.7 15.9 23.9

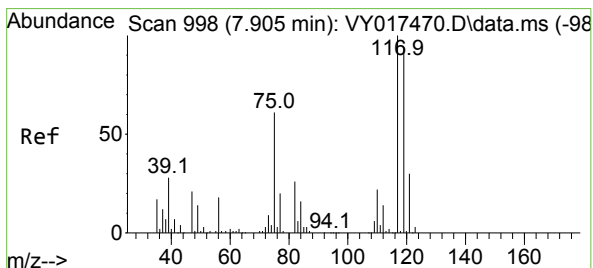
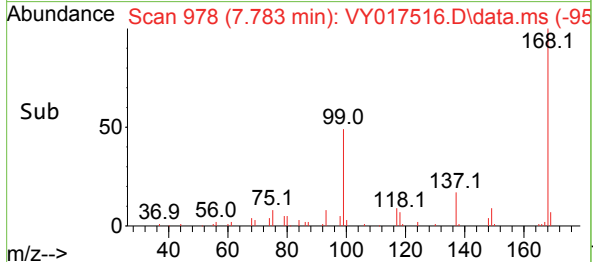
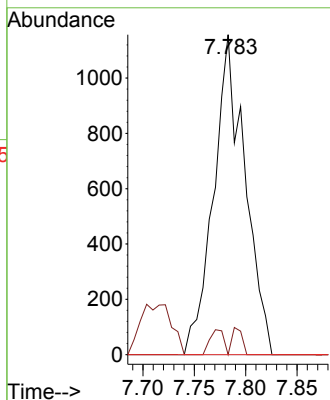
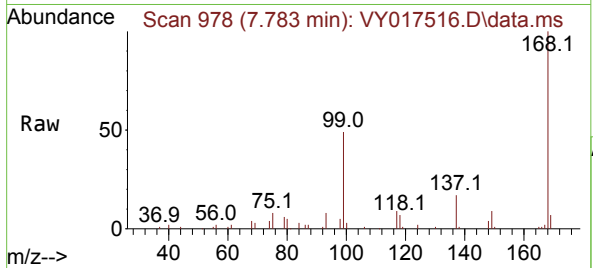




#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

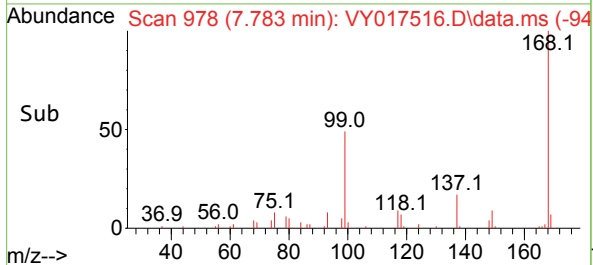
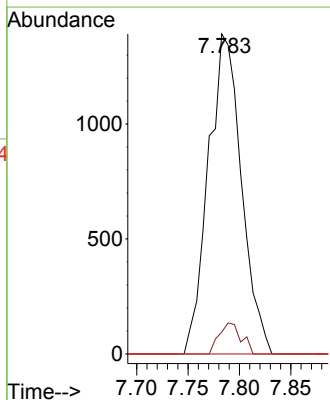
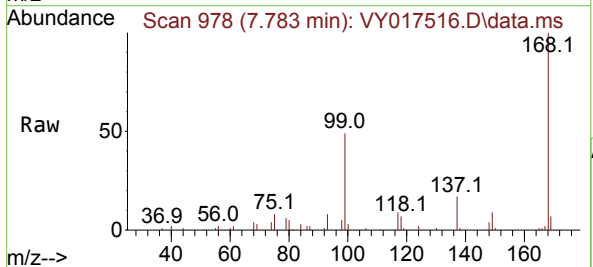
Instrument :
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ClientSampleId :
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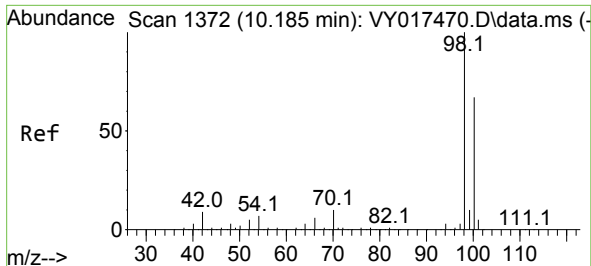
Tgt Ion: 75 Resp: 2449
Ion Ratio Lower Upper
75 100
110 2.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion: 117 Resp: 3113
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.0 36.0#

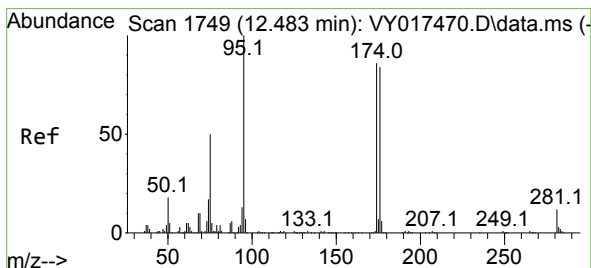
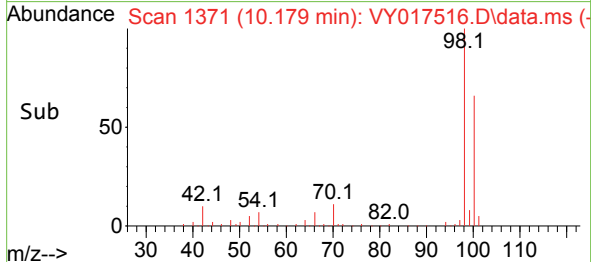
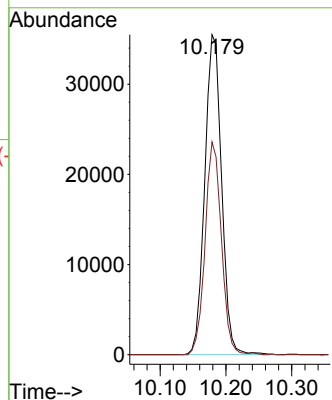
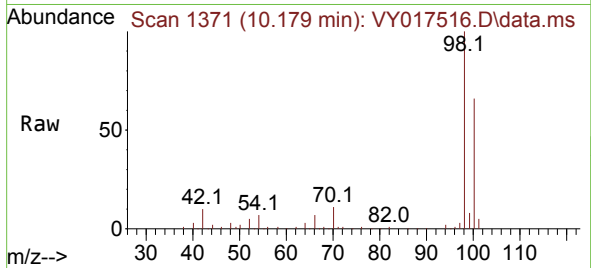




#50
Toluene-d8
Concen: 46.418 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

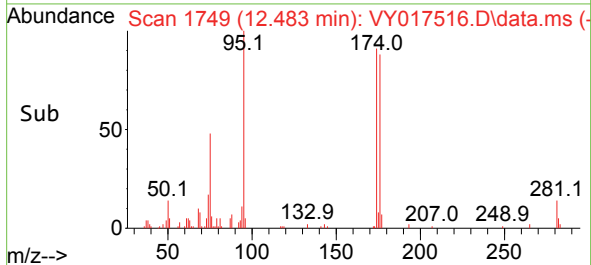
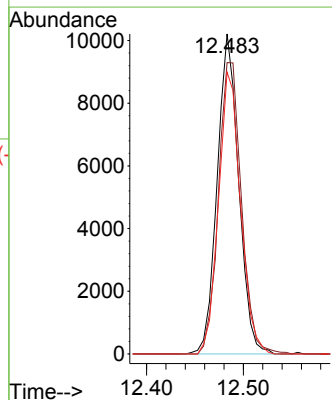
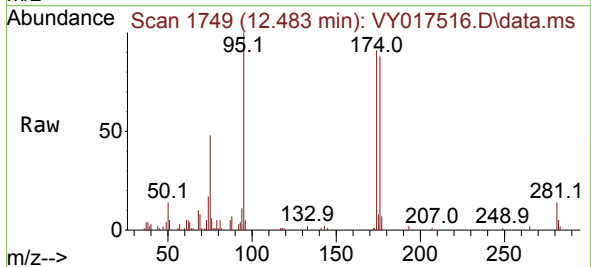
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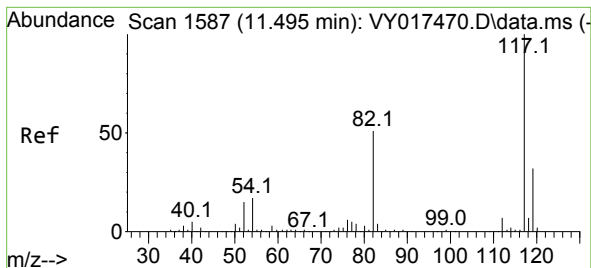
Tgt Ion: 98 Resp: 63252
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.719 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion: 95 Resp: 15725
Ion Ratio Lower Upper
95 100
174 97.5 0.0 175.6
176 90.3 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: VY017516.D

Acq: 28 Feb 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-02272024

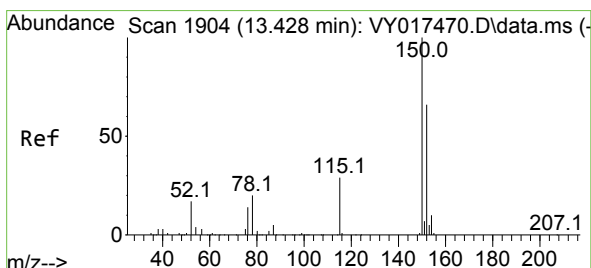
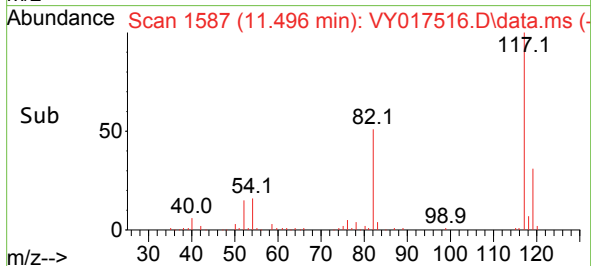
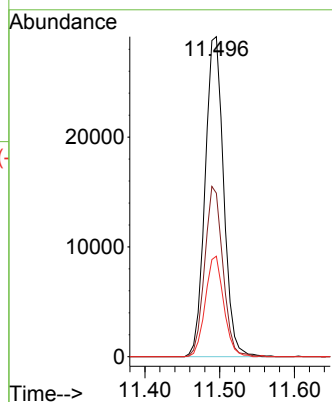
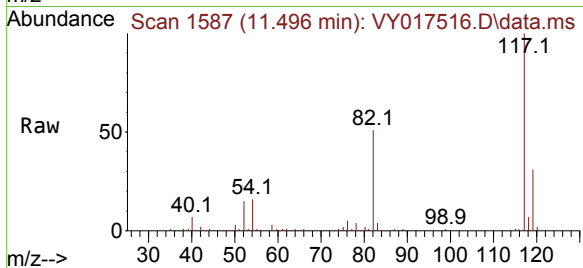
Tgt Ion:117 Resp: 50218

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 31.4 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: VY017516.D

Acq: 28 Feb 2024 13:14

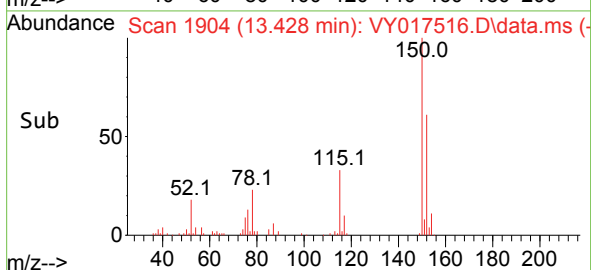
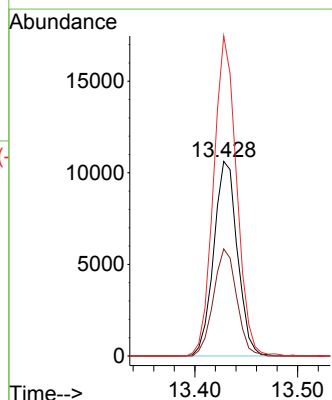
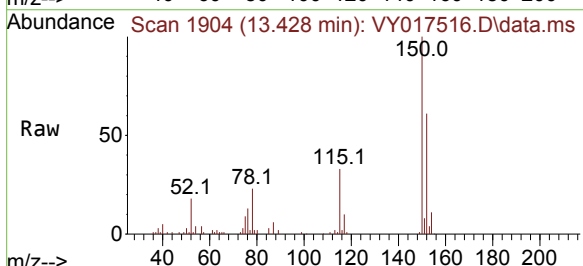
Tgt Ion:152 Resp: 16953

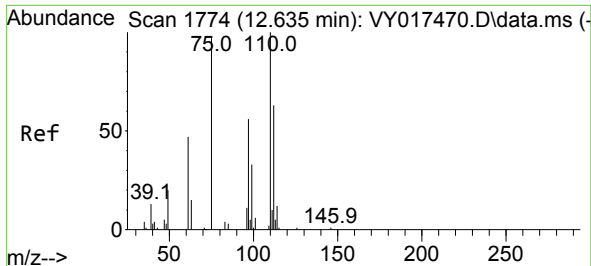
Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 160.2 0.0 345.6

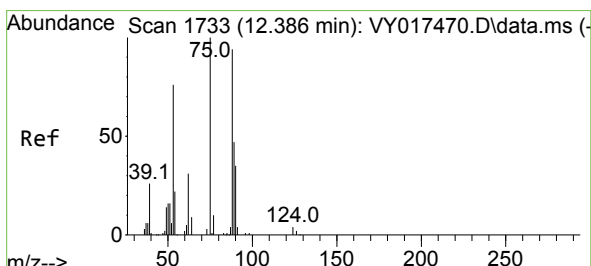
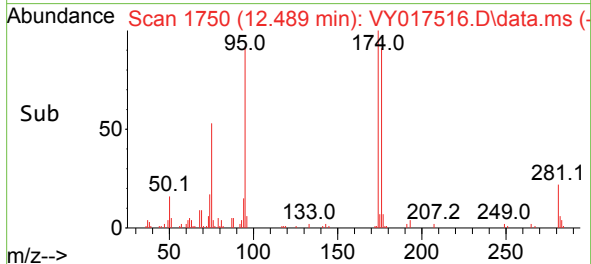
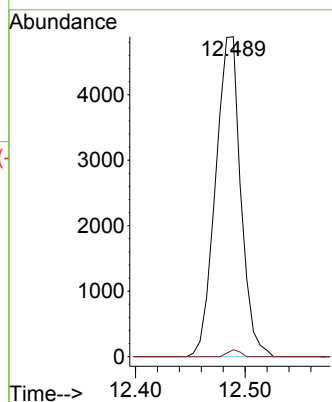
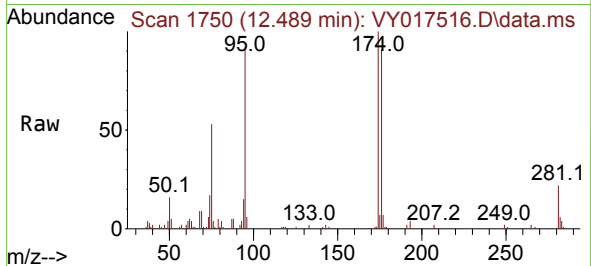




#76
1,2,3-Trichloropropane
Concen: 48.517 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

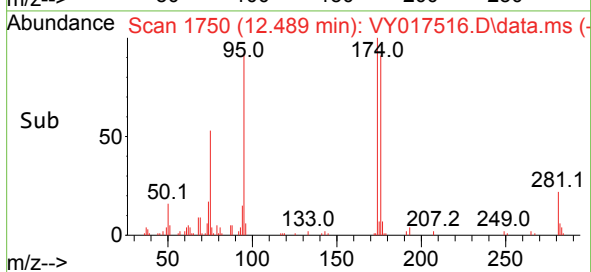
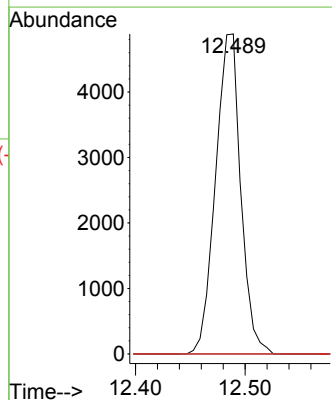
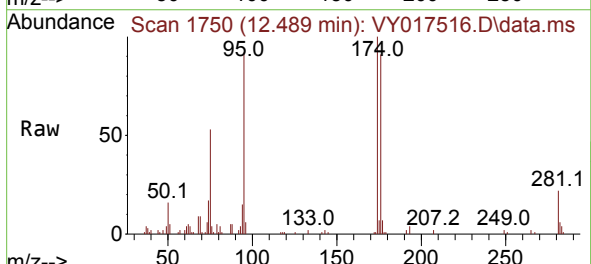
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

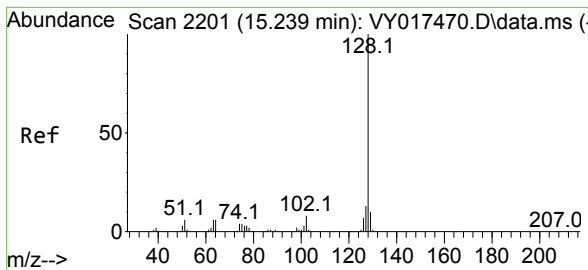
Tgt Ion: 75 Resp: 7815
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.480 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

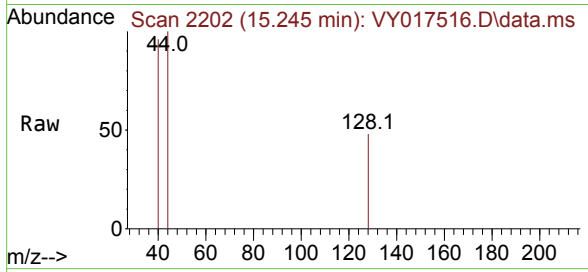
Tgt Ion: 75 Resp: 7815
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.300 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024



Tgt Ion:	128	Resp:	222
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

