

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017318.D
 Acq On : 08 Feb 2024 17:22
 Operator : SY/MD
 Sample : P1378-03RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:14:56 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)

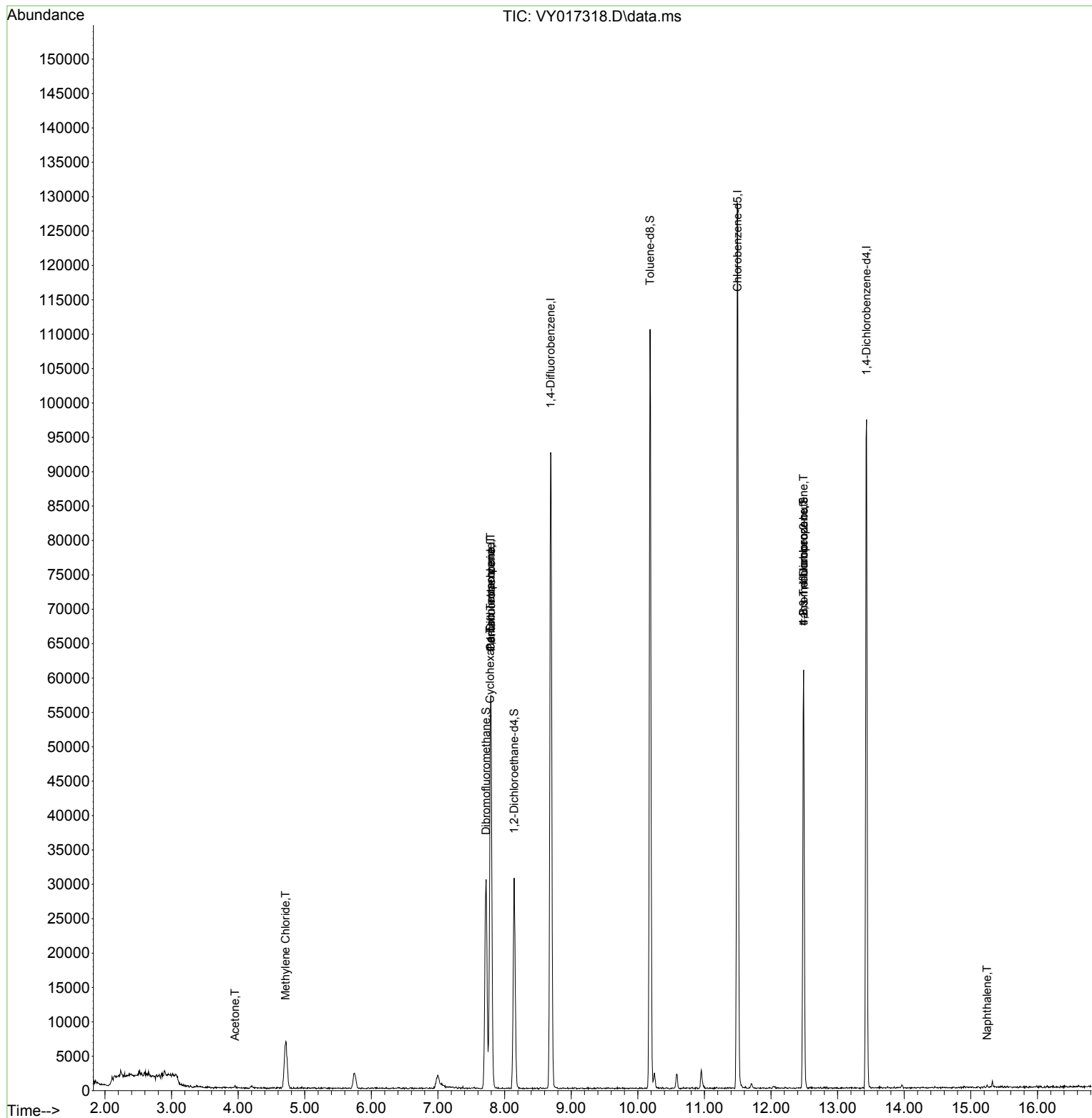
Internal Standards						
1) Pentafluorobenzene	7.795	168	44128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	68702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	24331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21192	53.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.520%			
35) Dibromofluoromethane	7.722	113	22298	51.354	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.700%			
50) Toluene-d8	10.185	98	72439	45.822	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.640%			
62) 4-Bromofluorobenzene	12.489	95	18489	35.702	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 71.400%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	20	Below Cal	#	75
16) Acetone	3.954	43	487	4.203	ug/l #	78
20) Methylene Chloride	4.710	84	5309	8.263	ug/l	94
31) Cyclohexane	7.783	56	999	1.257	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	4202	5.610	ug/l #	48
38) Carbon Tetrachloride	7.789	117	4411	6.151	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	10144	45.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	10144	93.858	ug/l #	12
95) Naphthalene	15.245	128	373	3.964	ug/l #	69

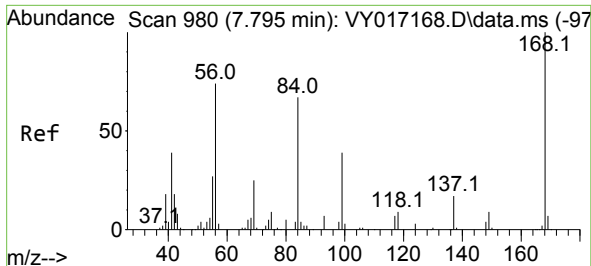
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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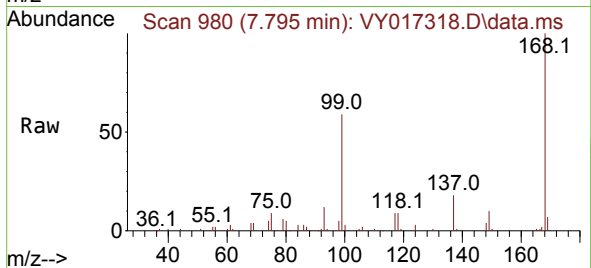
Quant Time: Feb 09 00:14:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
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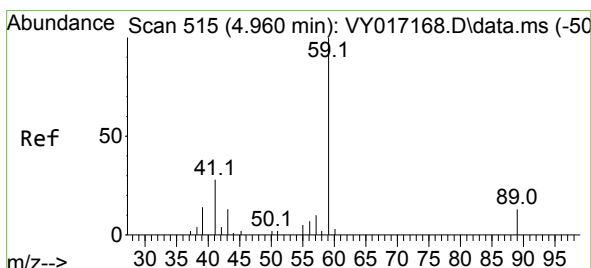
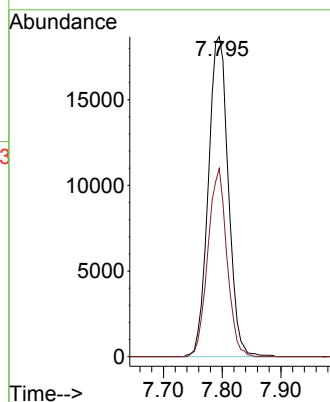
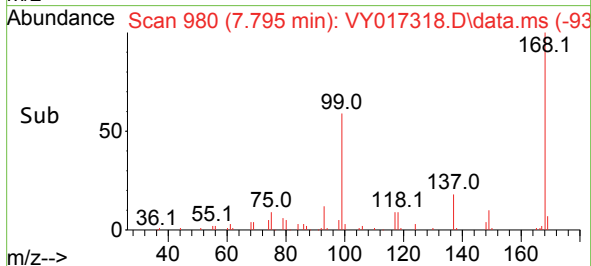


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

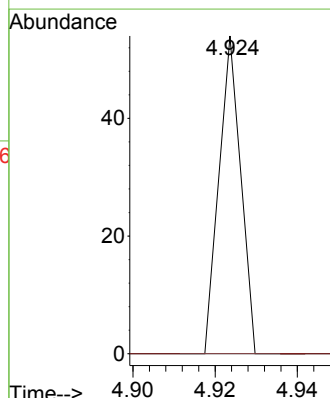
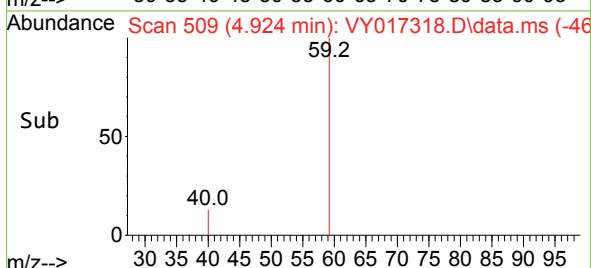
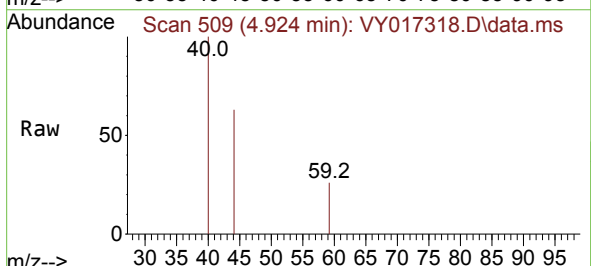


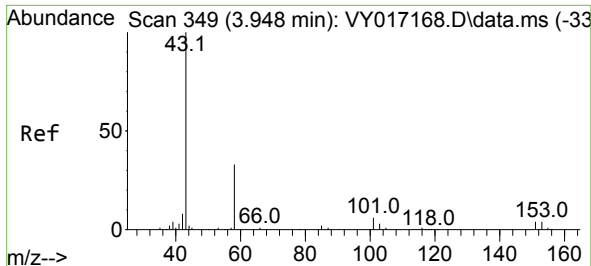
Tgt Ion:168 Resp: 44128
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

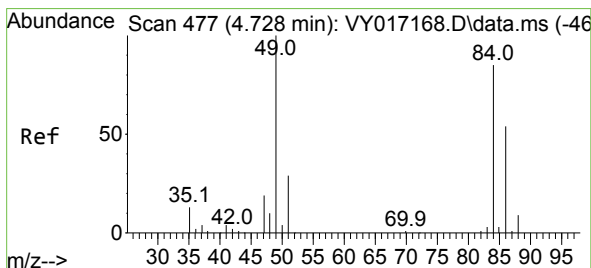
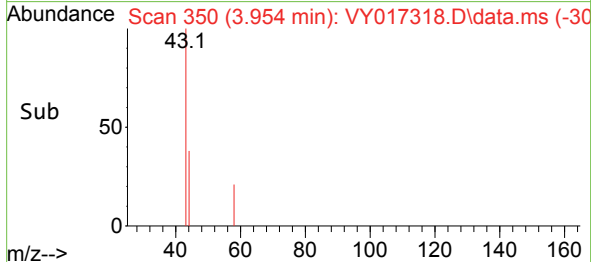
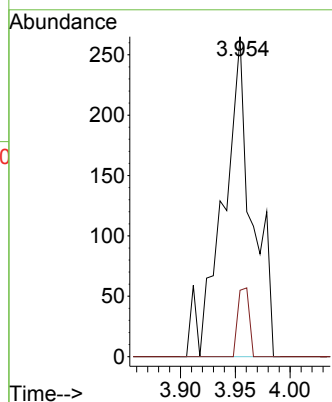
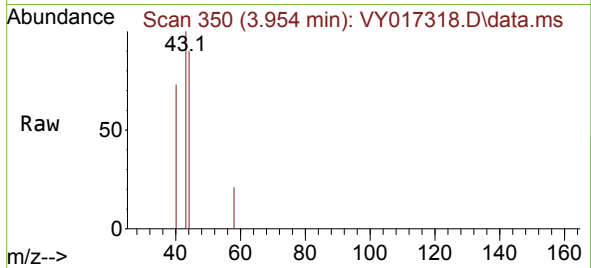




#16
Acetone
Concen: 4.203 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

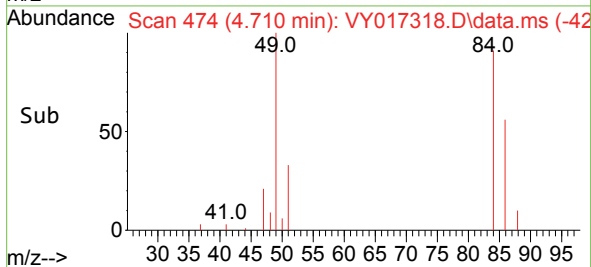
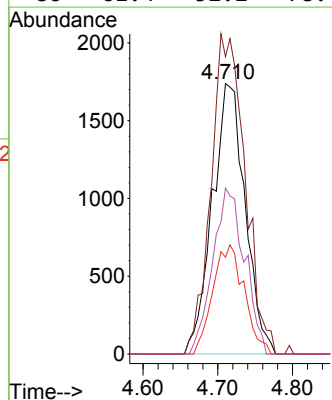
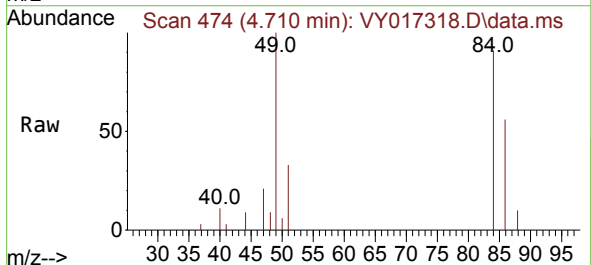
Instrument :
MSVOA_Y
ClientSampleId :

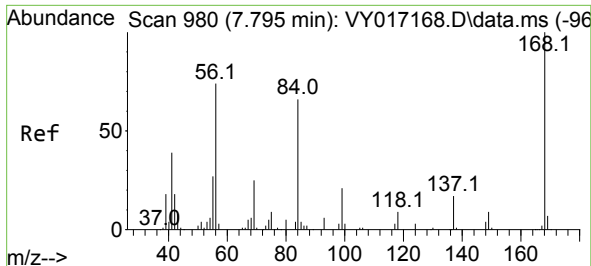
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 20.8 26.6 39.8#



#20
Methylene Chloride
Concen: 8.263 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

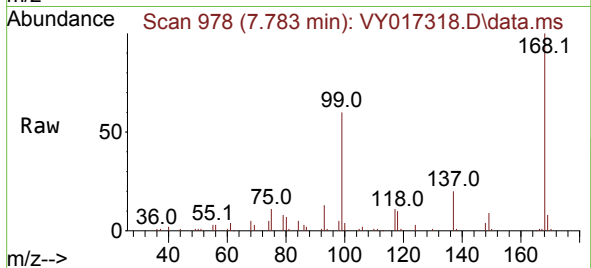
Tgt Ion: 84 Resp: 5309
Ion Ratio Lower Upper
84 100
49 109.9 95.2 142.8
51 35.8 29.9 44.9
86 61.4 52.2 78.4



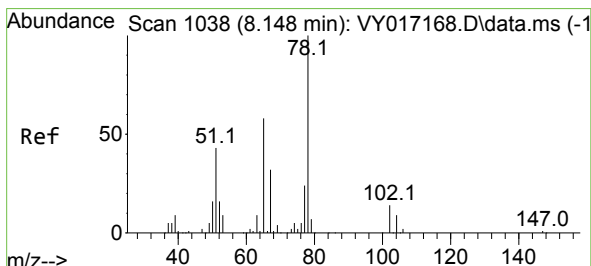
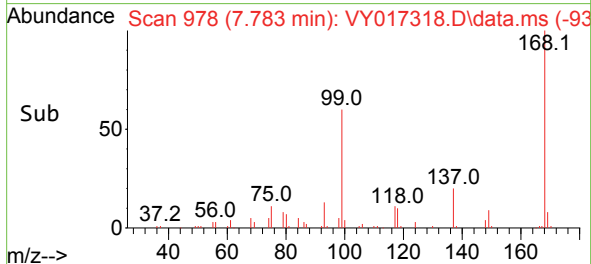
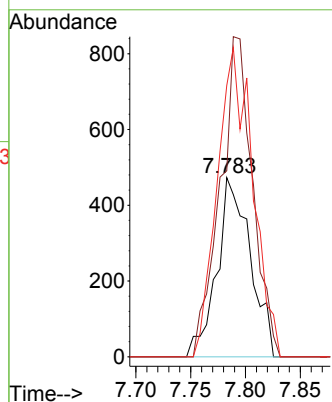


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

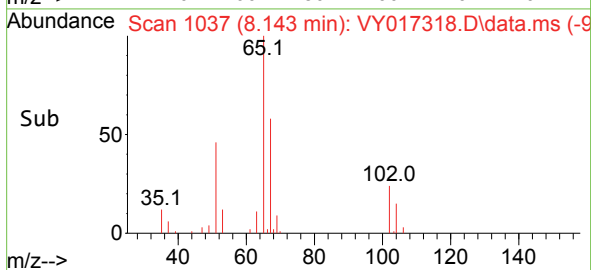
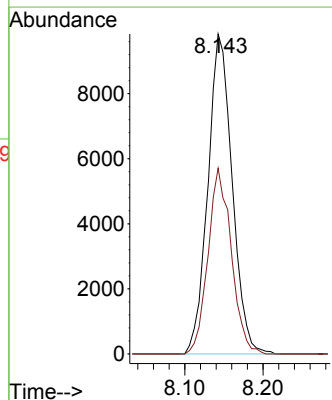
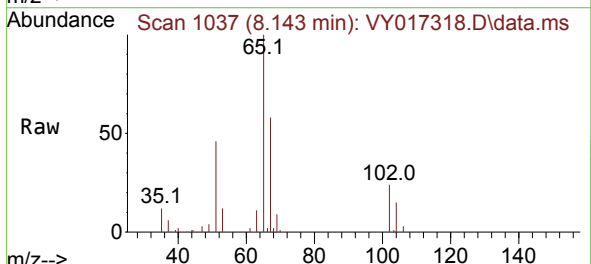


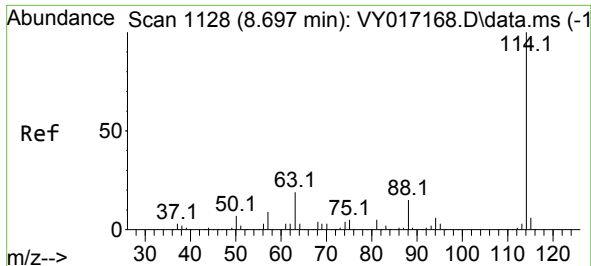
Tgt Ion: 56 Resp: 999
Ion Ratio Lower Upper
56 100
69 103.8 27.0 40.6#
84 151.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.758 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Tgt Ion: 65 Resp: 21192
Ion Ratio Lower Upper
65 100
67 55.6 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: VY017318.D

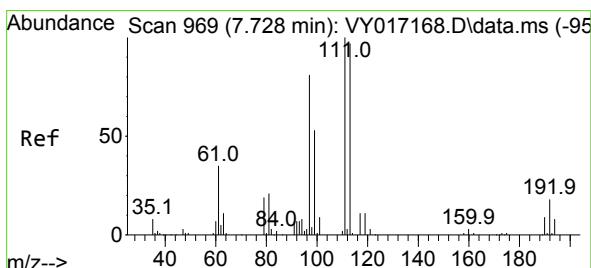
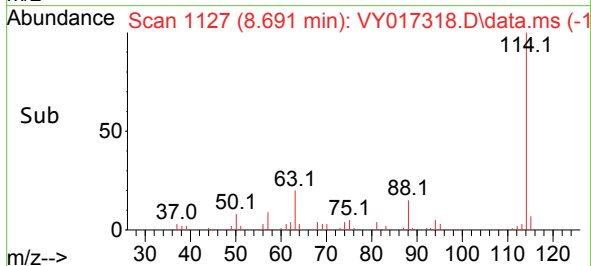
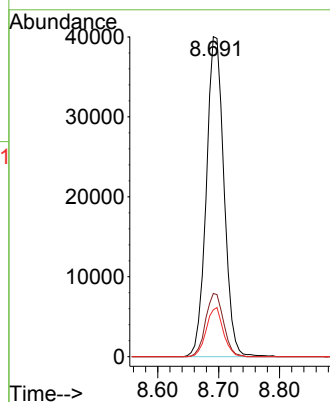
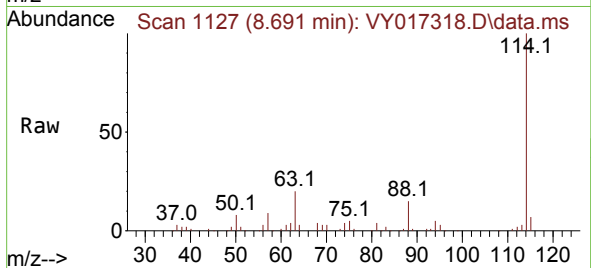
Acq: 08 Feb 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	80417
Ion Ratio	Lower	Upper
114	100	
63	19.7	0.0 37.4
88	14.6	0.0 29.0



#35

Dibromofluoromethane

Concen: 51.354 ug/l

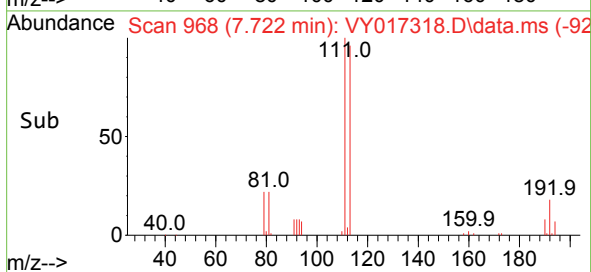
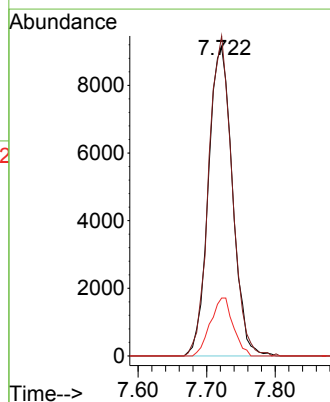
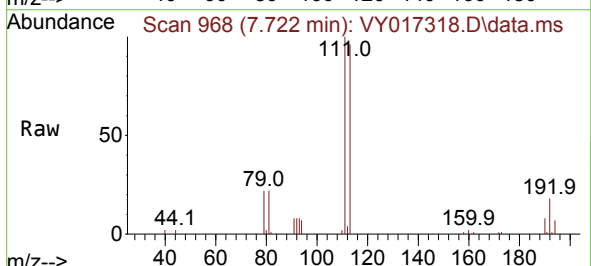
RT: 7.722 min Scan# 968

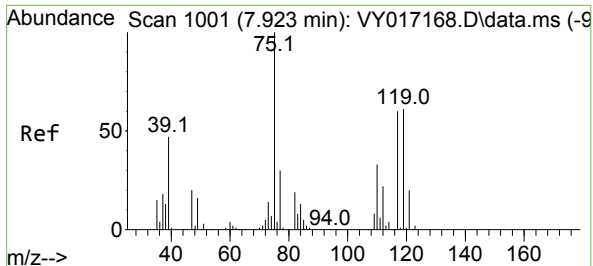
Delta R.T. -0.006 min

Lab File: VY017318.D

Acq: 08 Feb 2024 17:22

Tgt Ion:113	Resp:	22298
Ion Ratio	Lower	Upper
113	100	
111	100.9	83.8 125.6
192	17.7	14.5 21.7

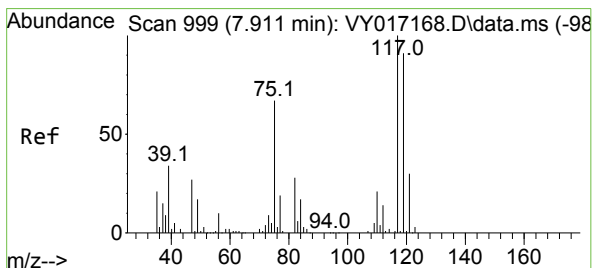
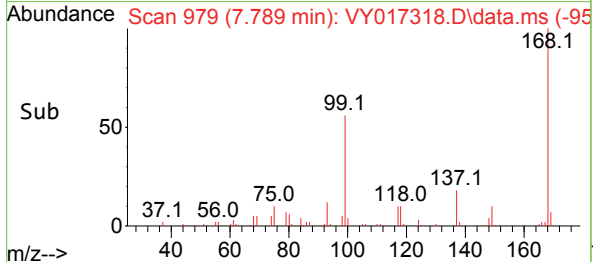
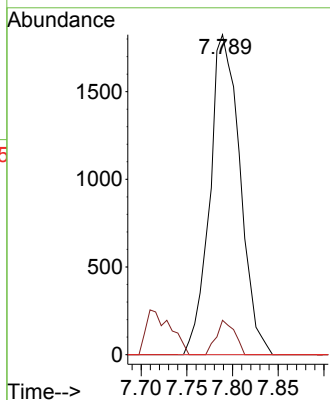
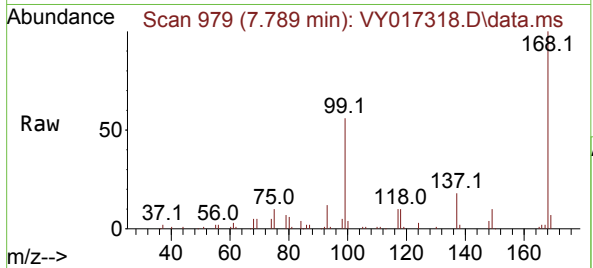




#36
 1,1-Dichloropropene
 Concen: 5.610 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY017318.D
 Acq: 08 Feb 2024 17:22

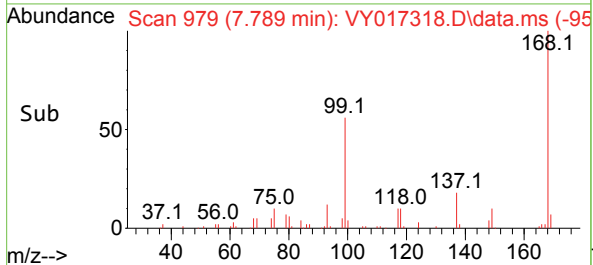
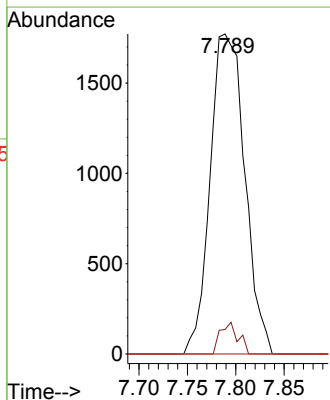
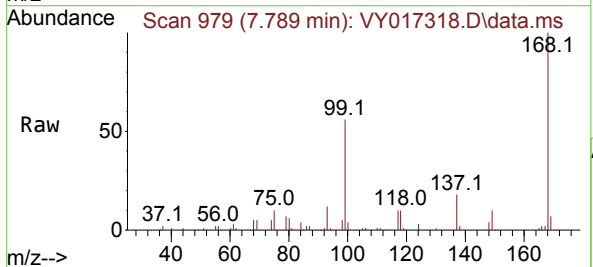
Instrument :
 MSVOA_Y
 ClientSampleId :

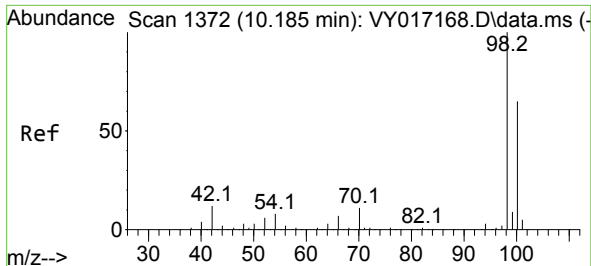
Tgt Ion: 75 Resp: 4202
 Ion Ratio Lower Upper
 75 100
 110 6.5 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.151 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY017318.D
 Acq: 08 Feb 2024 17:22

Tgt Ion: 117 Resp: 4411
 Ion Ratio Lower Upper
 117 100
 119 7.7 76.0 114.0#
 121 0.0 24.2 36.2#

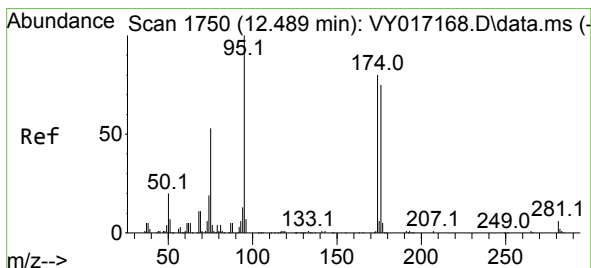
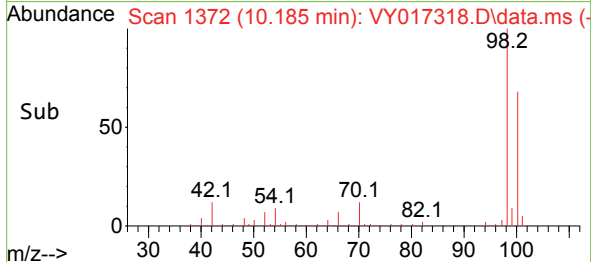
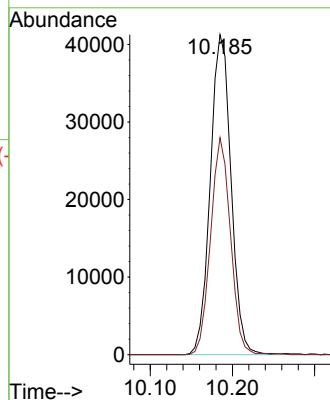
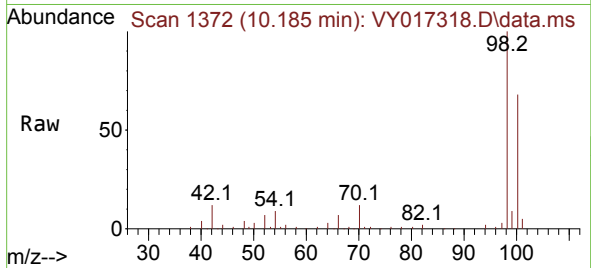




#50
Toluene-d8
Concen: 45.822 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

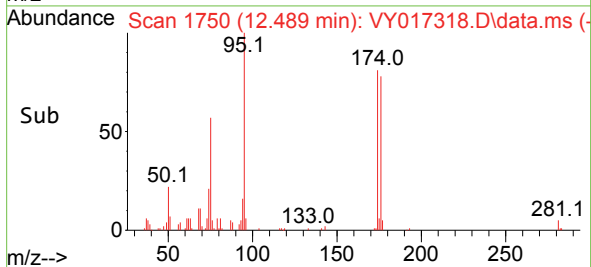
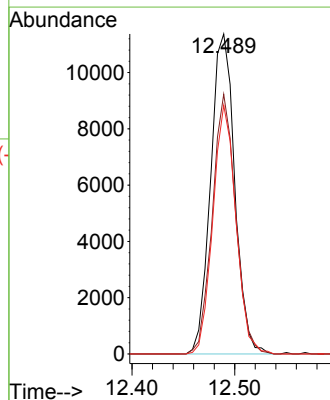
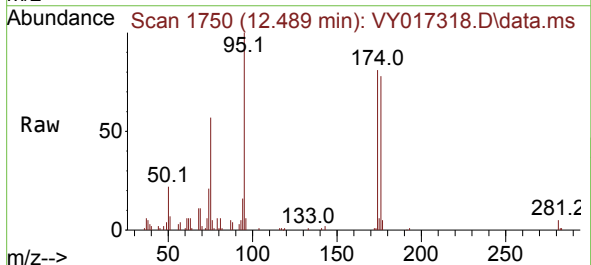
Instrument :
MSVOA_Y
ClientSampleId :

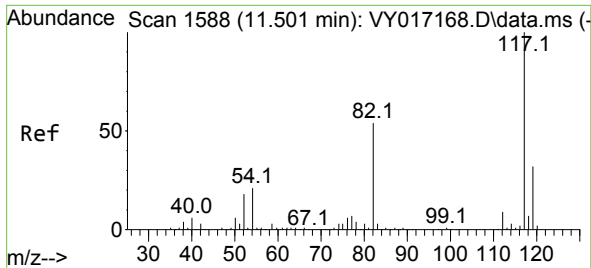
Tgt Ion: 98 Resp: 72439
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.702 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Tgt Ion: 95 Resp: 18489
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 74.3 0.0 151.8

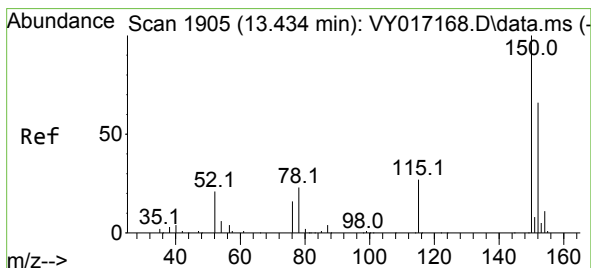
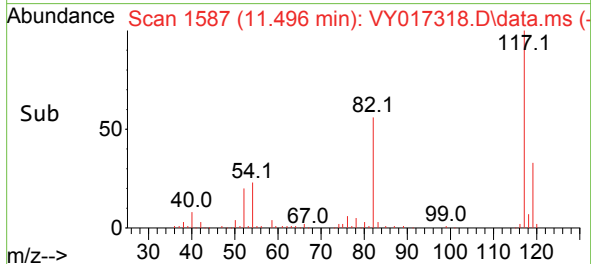
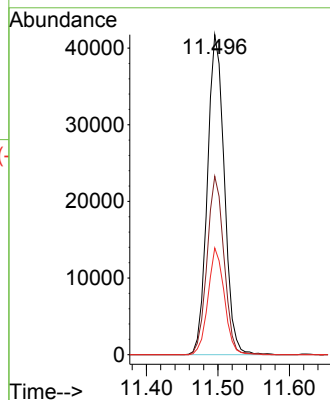
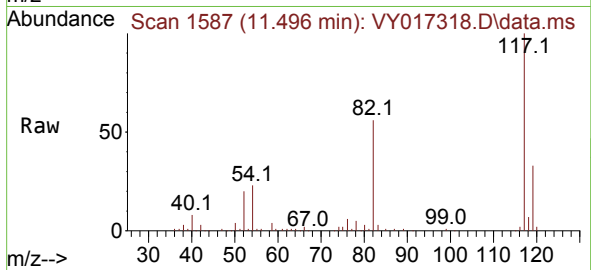




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

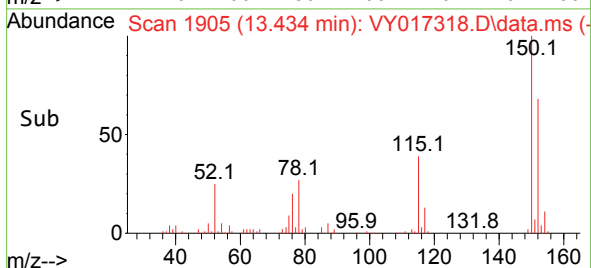
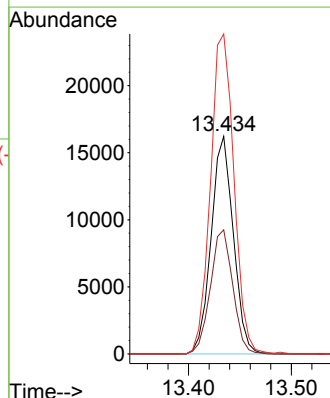
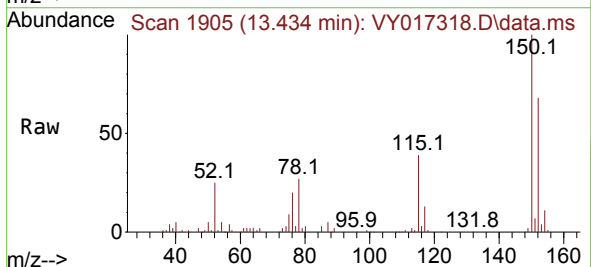
Instrument :
MSVOA_Y
ClientSampleId :

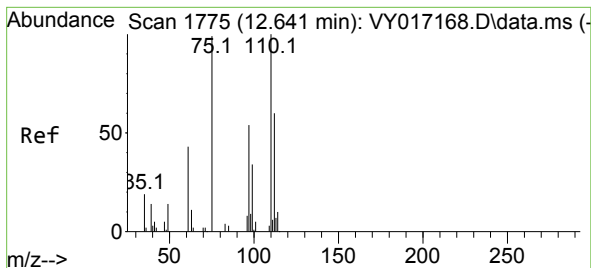
Tgt Ion:117 Resp: 68702
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 33.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Tgt Ion:152 Resp: 24331
Ion Ratio Lower Upper
152 100
115 57.5 30.0 90.0
150 155.2 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 45.170 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017318.D

Acq: 08 Feb 2024 17:22

Instrument :

MSVOA_Y

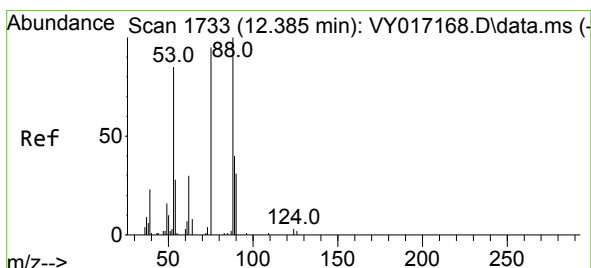
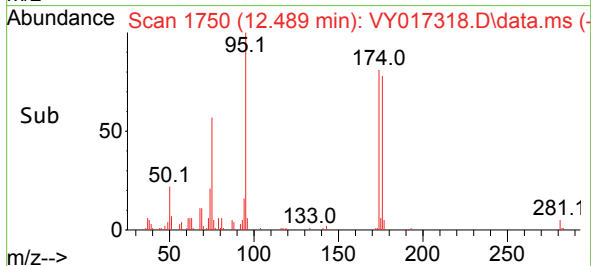
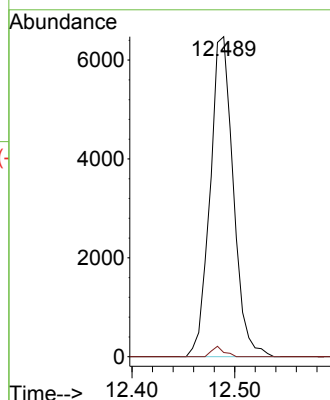
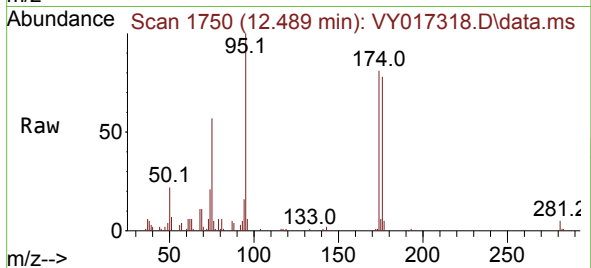
ClientSampleId :

Tgt Ion: 75 Resp: 10144

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.858 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017318.D

Acq: 08 Feb 2024 17:22

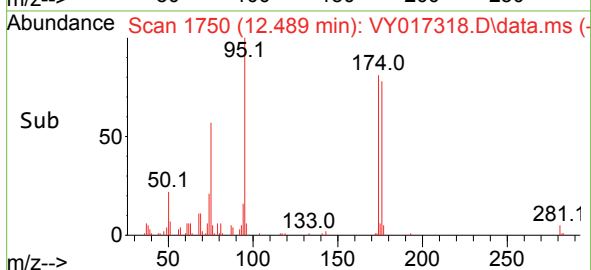
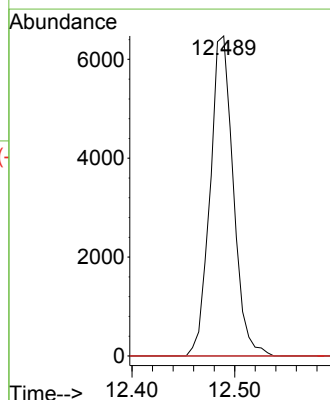
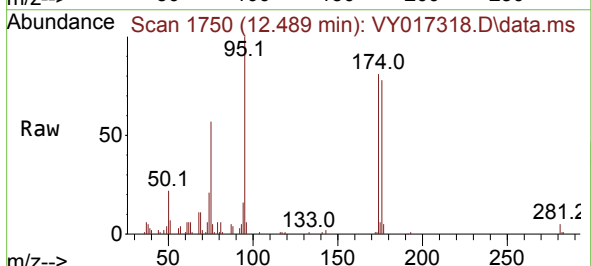
Tgt Ion: 75 Resp: 10144

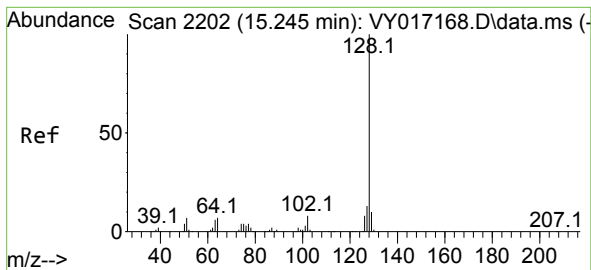
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

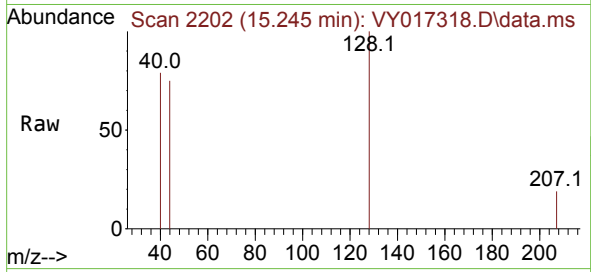
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.964 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	373
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

