

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017448.D
 Acq On : 21 Feb 2024 19:14
 Operator : SY/MD
 Sample : P1537-15
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15

Quant Time: Feb 22 03:42:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

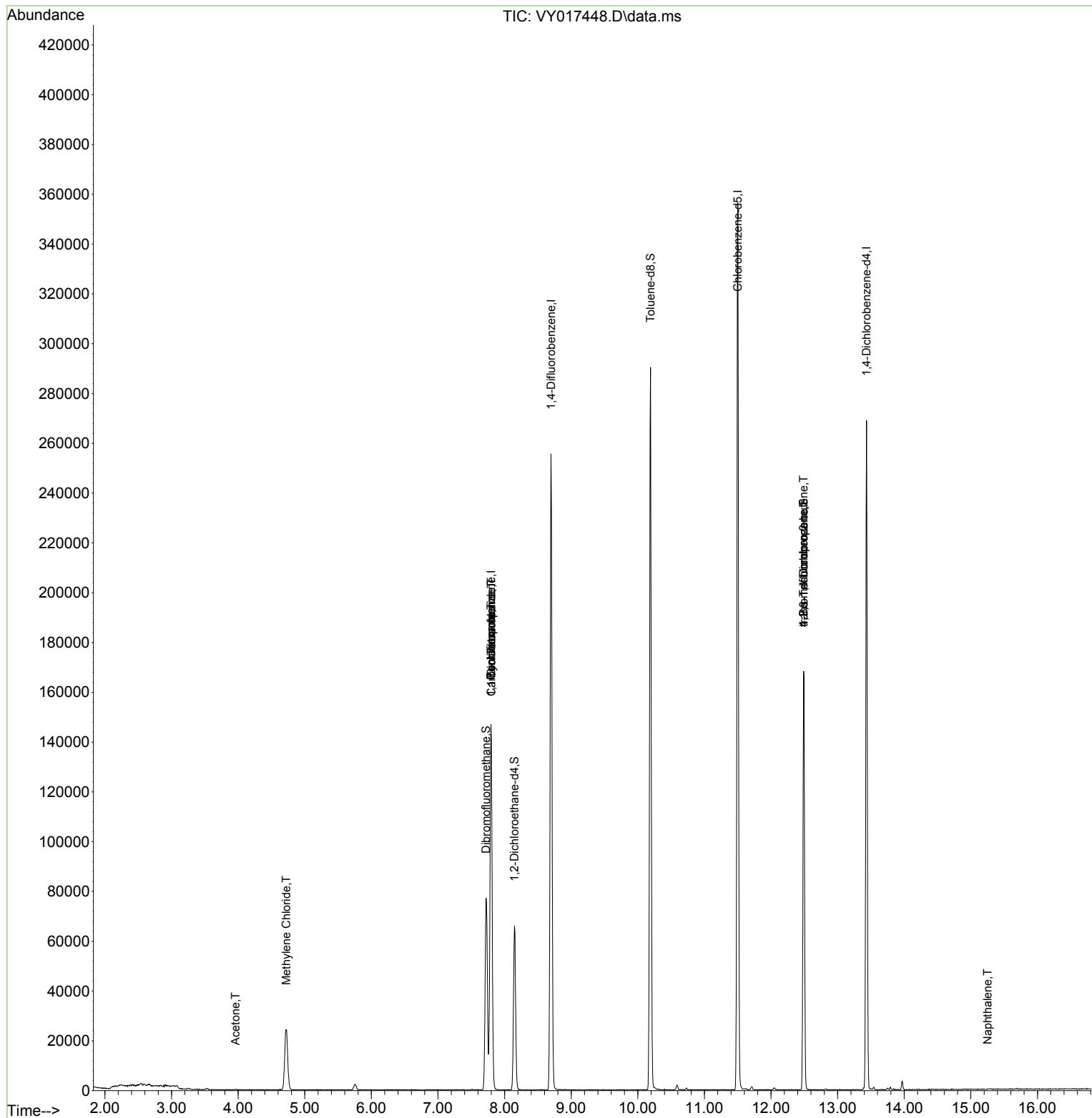
Internal Standards						
1) Pentafluorobenzene	7.795	168	124467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49188	46.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.520%
35) Dibromofluoromethane	7.722	113	56642	41.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.240%
50) Toluene-d8	10.191	98	196828	37.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.580%
62) 4-Bromofluorobenzene	12.489	95	51371	29.902	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.800%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	231	Below Cal	#	79
16) Acetone	3.960	43	277	1.203	ug/l #	36
20) Methylene Chloride	4.722	84	20446	9.546	ug/l	91
31) Cyclohexane	7.795	56	2182	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8366	3.681	ug/l #	48
38) Carbon Tetrachloride	7.801	117	11429	5.050	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	25878	36.731	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	25878	85.641	ug/l #	16
95) Naphthalene	15.251	128	63	3.566	ug/l #	69

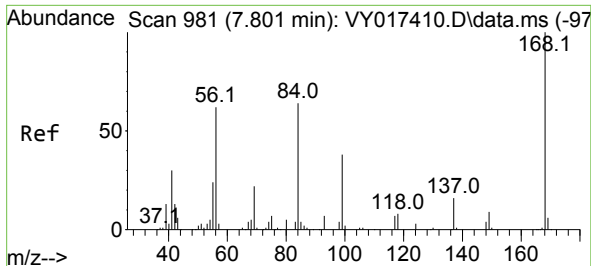
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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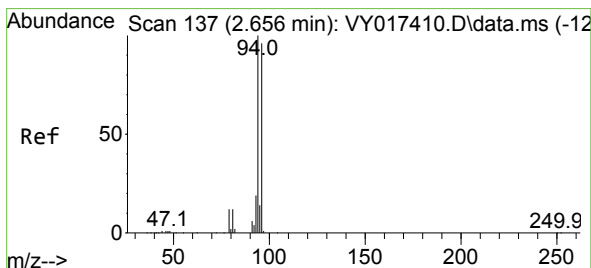
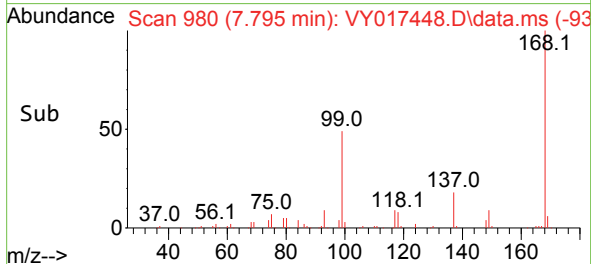
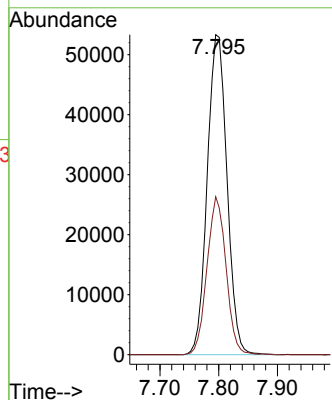
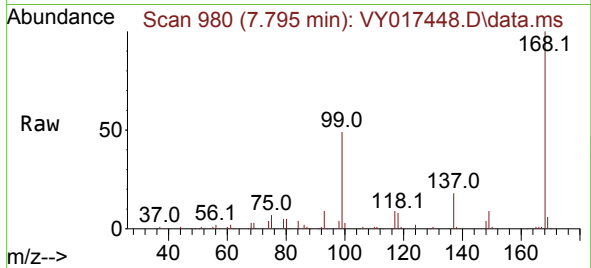




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

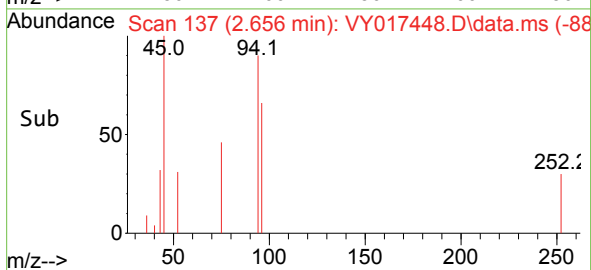
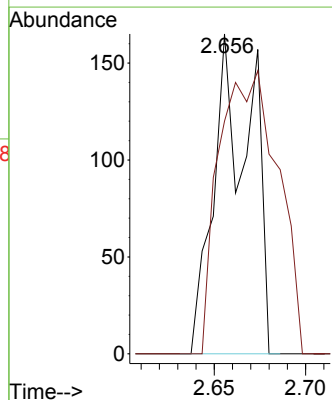
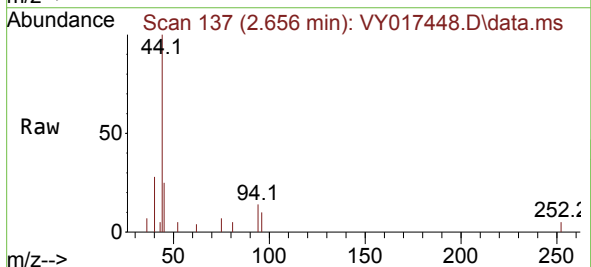
Instrument :
MSVOA_Y
ClientSampleId :
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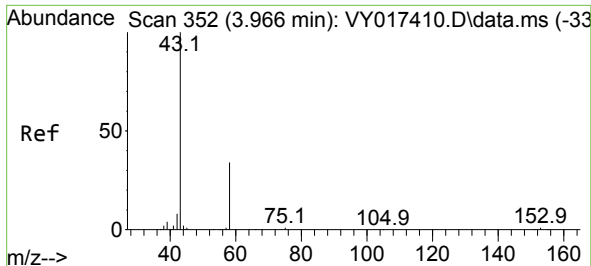
Tgt Ion:168 Resp: 124467
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 72.7 74.1 111.1#





#16

Acetone

Concen: 1.203 ug/l

RT: 3.960 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017448.D

Acq: 21 Feb 2024 19:14

Instrument :

MSVOA_Y

ClientSampleId :

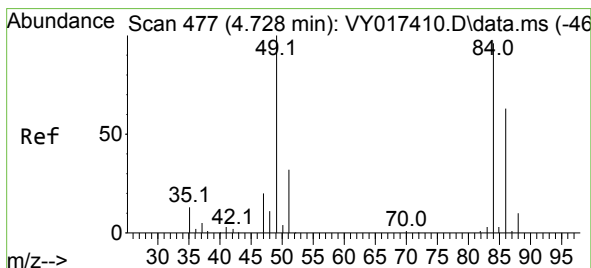
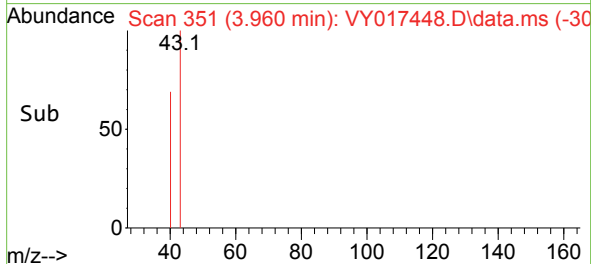
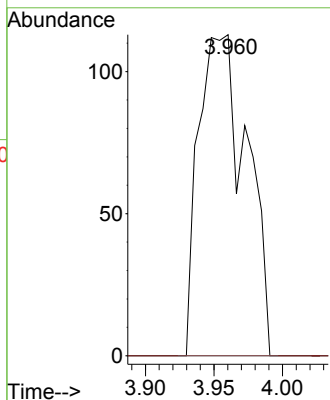
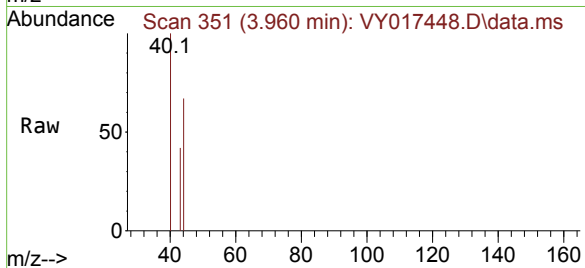
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Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 9.546 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017448.D

Acq: 21 Feb 2024 19:14

Tgt Ion: 84 Resp: 20446

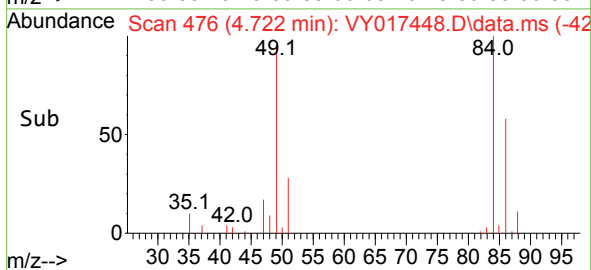
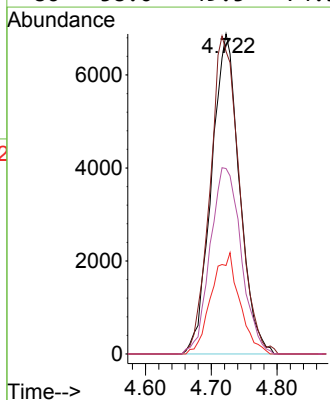
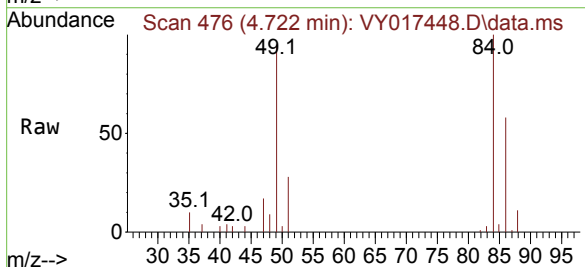
Ion Ratio Lower Upper

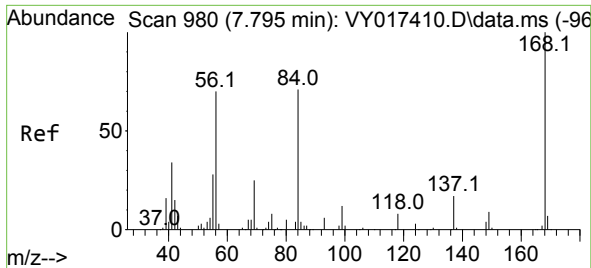
84 100

49 94.6 84.4 126.6

51 27.7 26.0 39.0

86 58.0 49.5 74.3

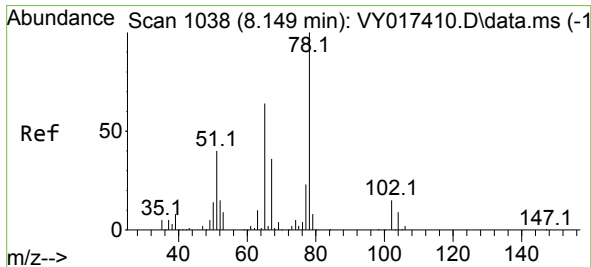
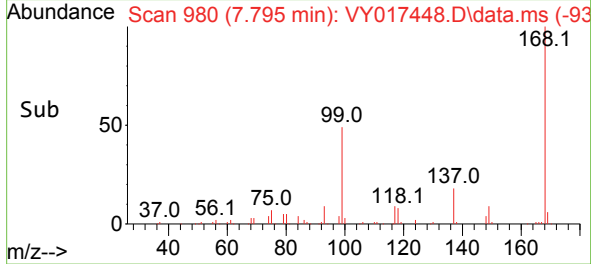
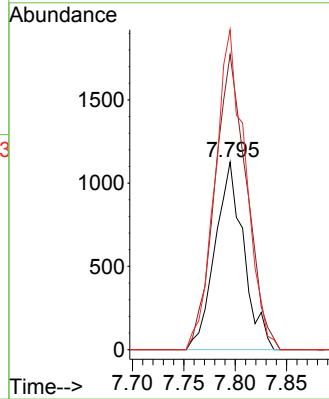
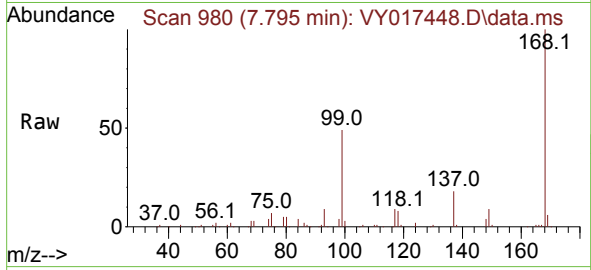




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.795 min Scan# 915
Delta R.T. -0.000 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

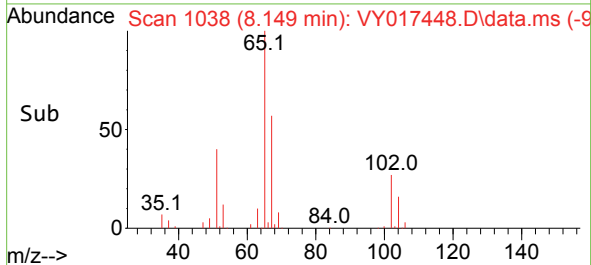
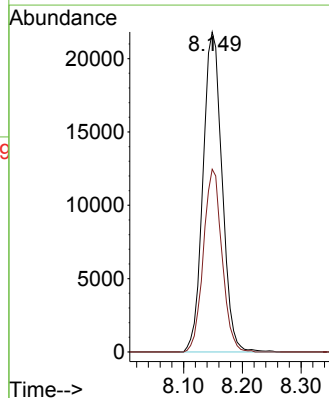
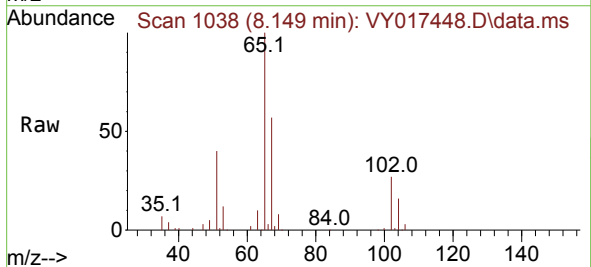
Instrument :
MSVOA_Y
ClientSampleId :
15

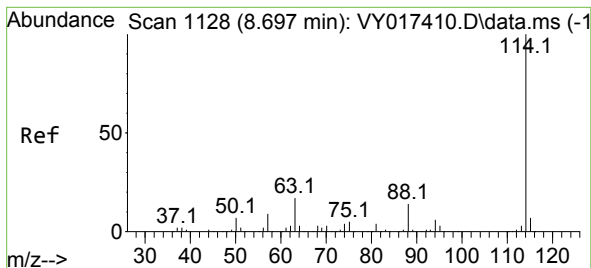
Tgt Ion: 56 Resp: 2182
Ion Ratio Lower Upper
56 100
69 157.3 28.7 43.1#
84 170.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 46.259 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion: 65 Resp: 49188
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY017448.D

Acq: 21 Feb 2024 19:14

Instrument :

MSVOA_Y

ClientSampleId :

15

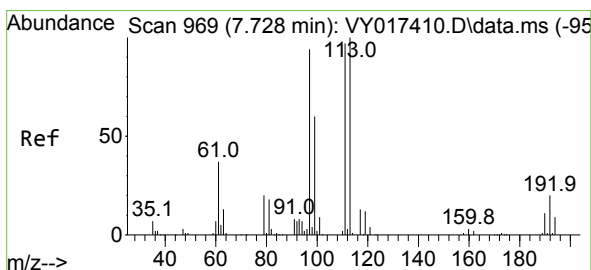
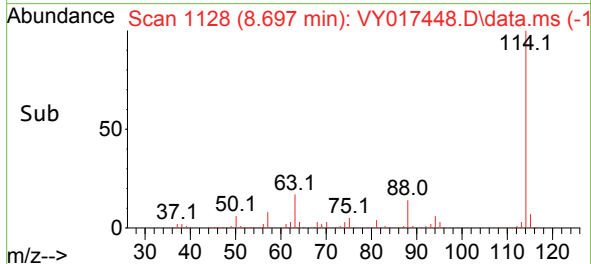
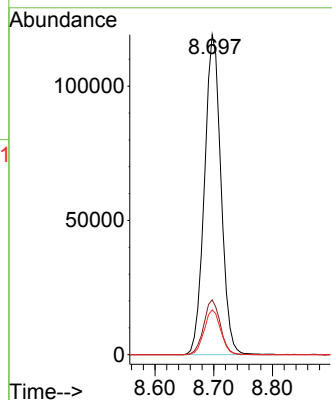
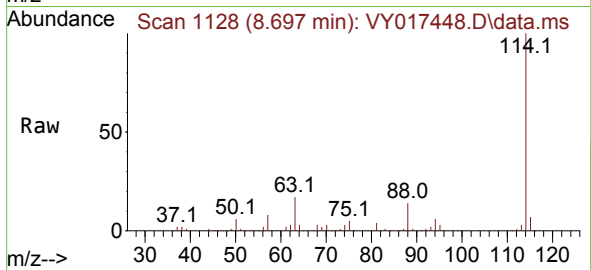
Tgt Ion:114 Resp: 232490

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.621 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017448.D

Acq: 21 Feb 2024 19:14

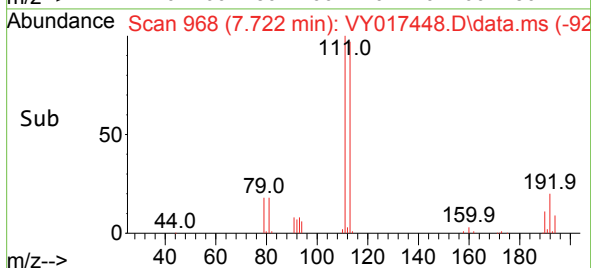
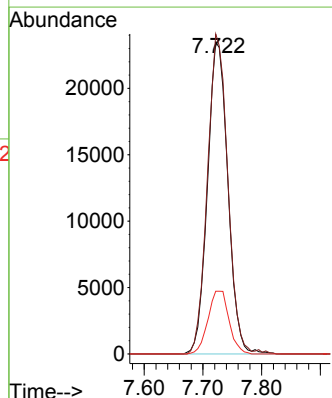
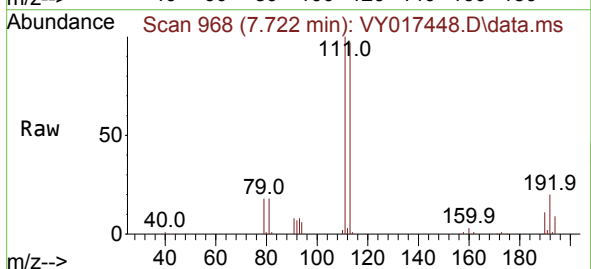
Tgt Ion:113 Resp: 56642

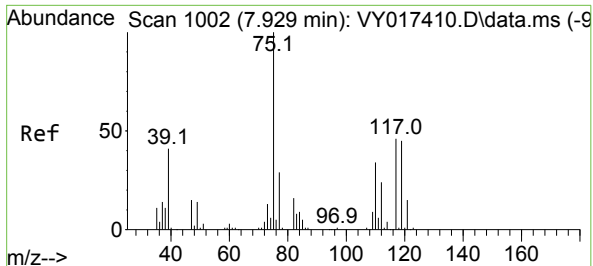
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.8 15.9 23.9

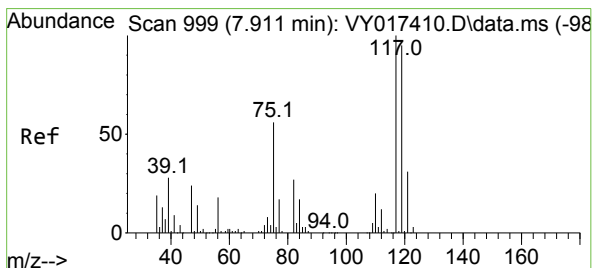
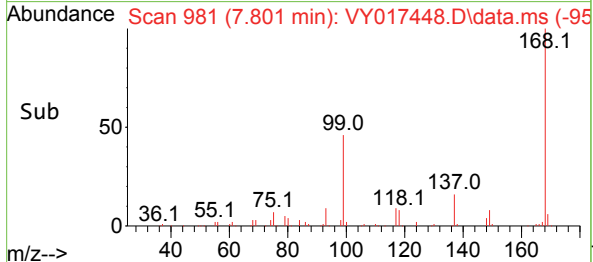
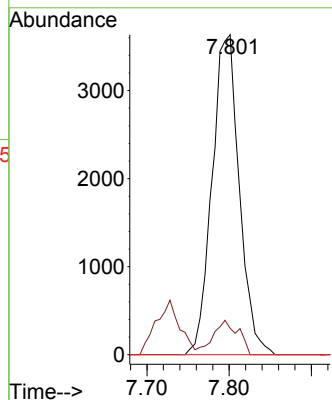
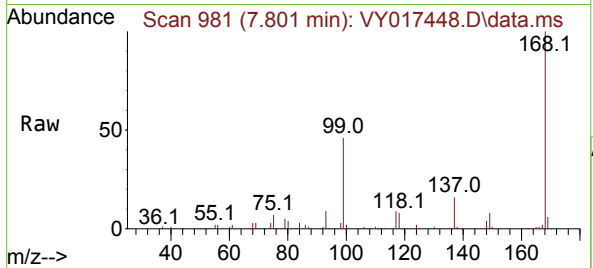




#36
1,1-Dichloropropene
Concen: 3.681 ug/l
RT: 7.801 min Scan# 915
Delta R.T. -0.128 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

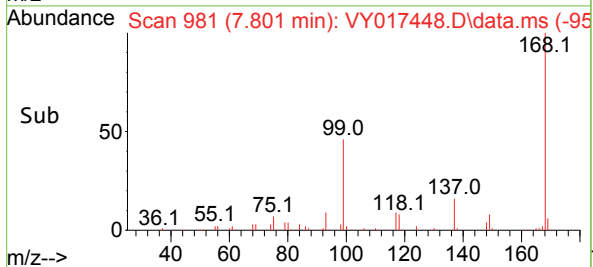
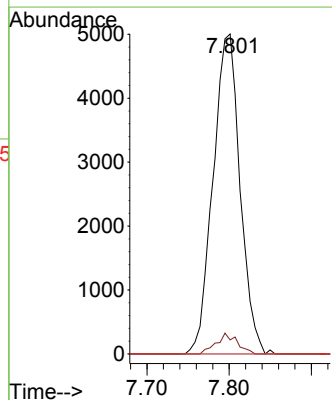
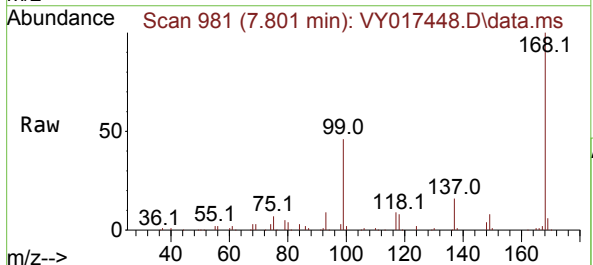
Instrument :
MSVOA_Y
ClientSampleId :
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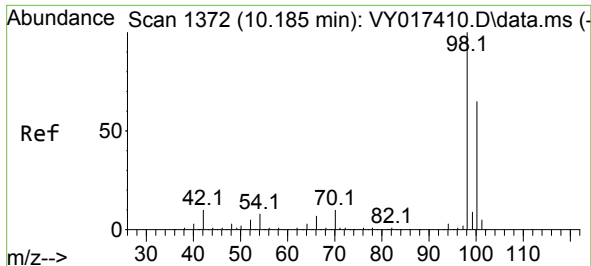
Tgt Ion: 75 Resp: 8366
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.050 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion: 117 Resp: 11429
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#

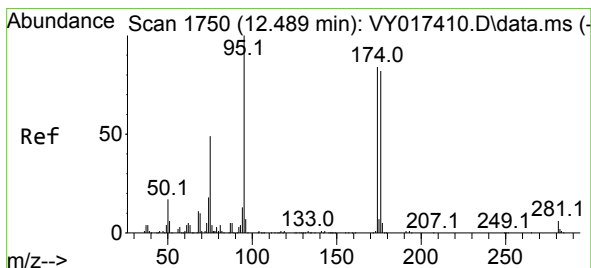
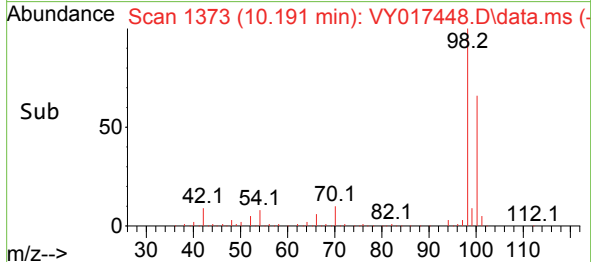
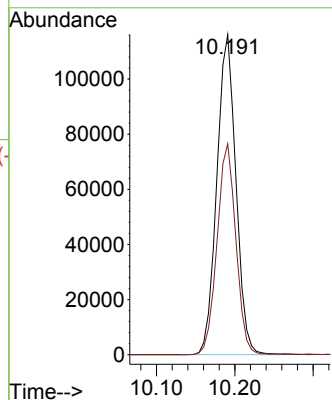
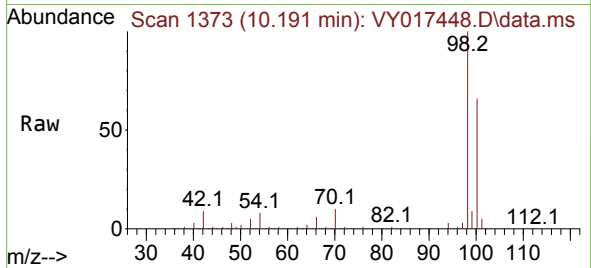




#50
Toluene-d8
Concen: 37.292 ug/l
RT: 10.191 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

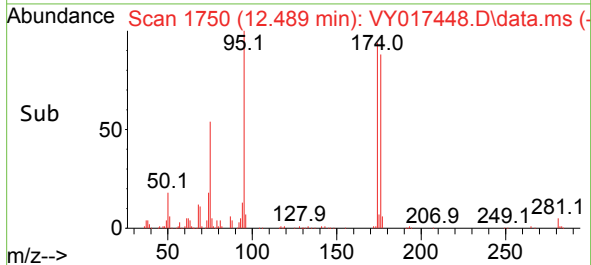
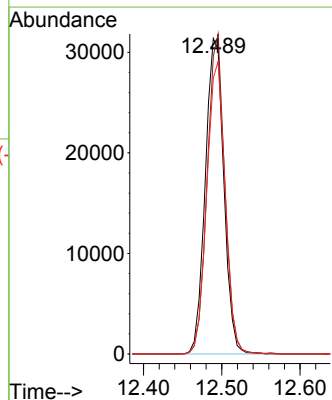
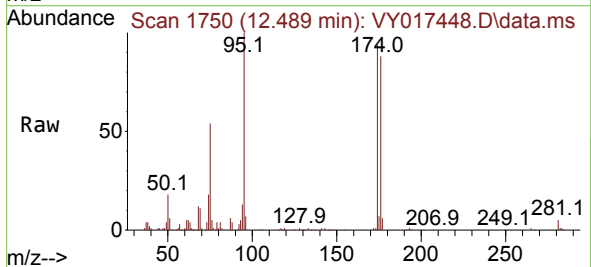
Instrument :
MSVOA_Y
ClientSampleId :
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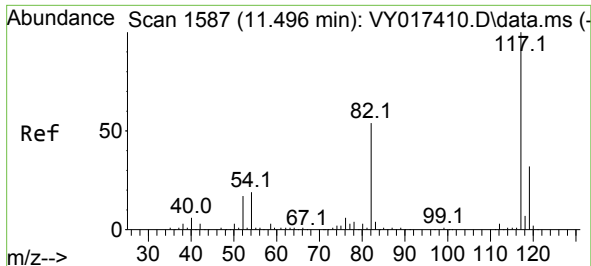
Tgt Ion: 98 Resp: 196828
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.902 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion: 95 Resp: 51371
Ion Ratio Lower Upper
95 100
174 96.4 0.0 175.6
176 92.3 0.0 171.4

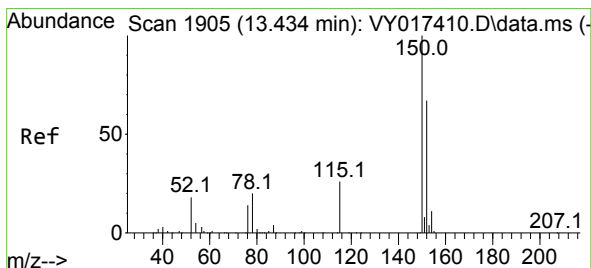
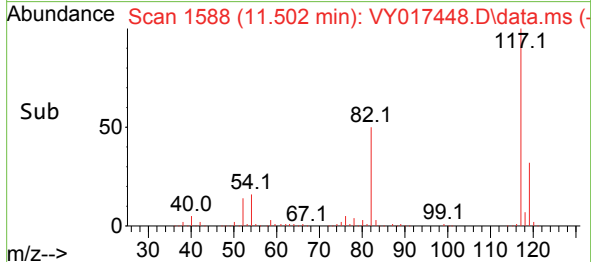
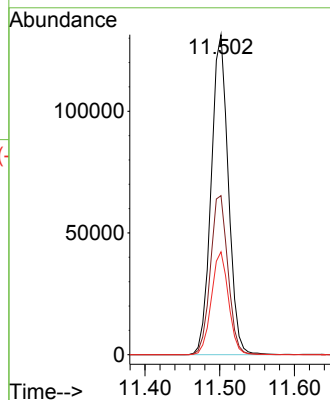
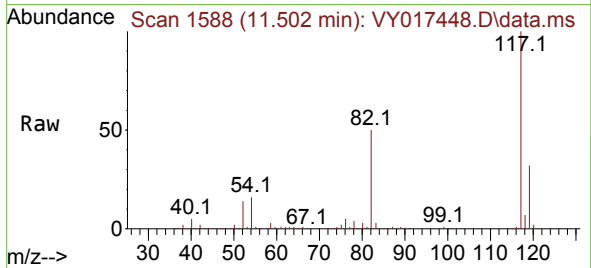




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

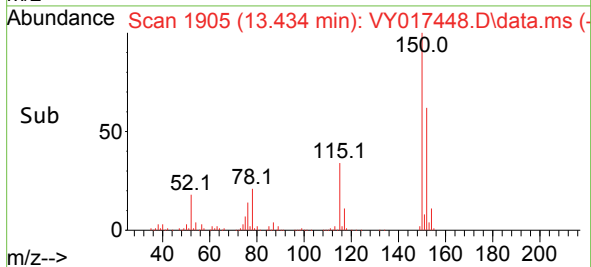
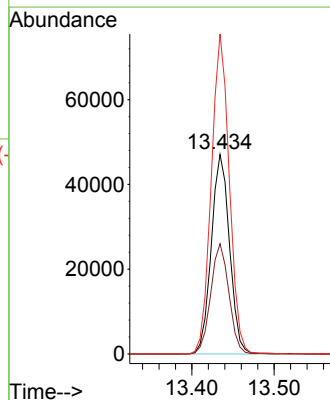
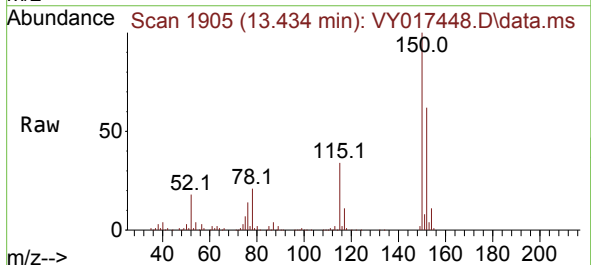
Instrument :
MSVOA_Y
ClientSampleId :
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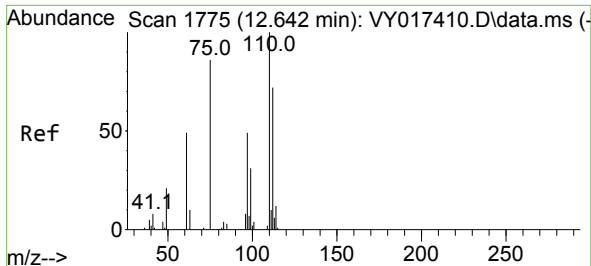
Tgt Ion:117 Resp: 209071
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion:152 Resp: 72662
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 158.3 0.0 345.6

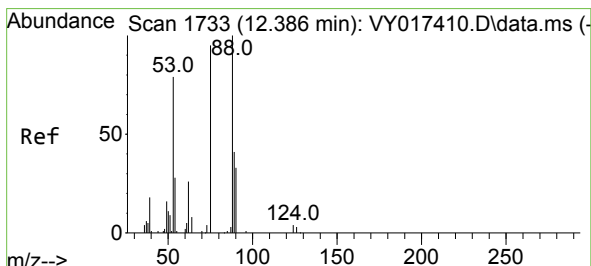
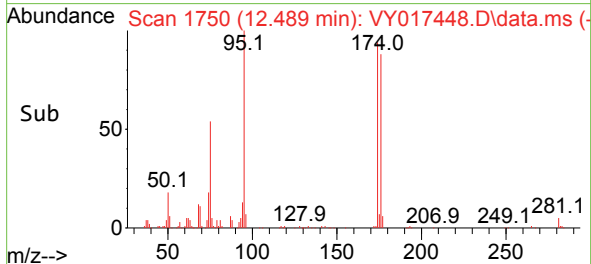
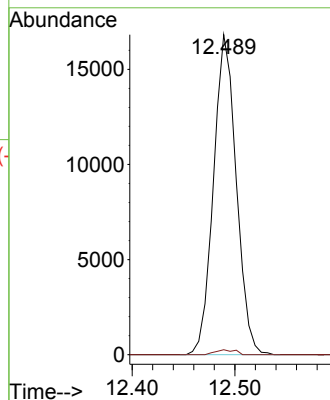
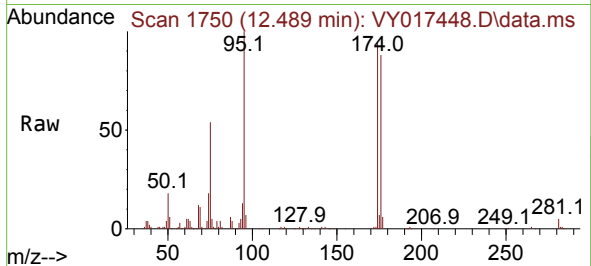




#76
1,2,3-Trichloropropane
Concen: 36.731 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

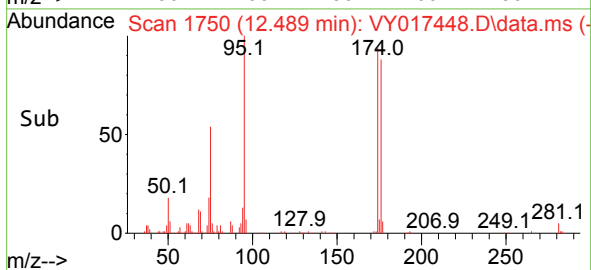
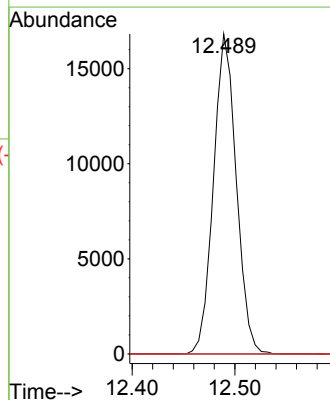
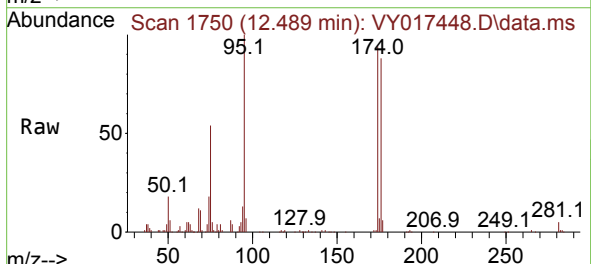
Instrument :
MSVOA_Y
ClientSampleId :
15

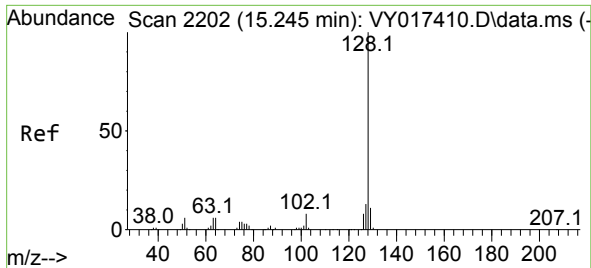
Tgt Ion: 75 Resp: 25878
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.641 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

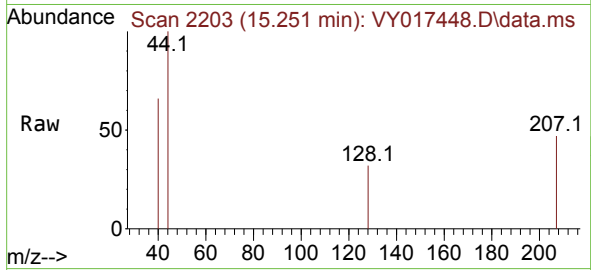
Tgt Ion: 75 Resp: 25878
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 3.566 ug/l
 RT: 15.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017448.D
 Acq: 21 Feb 2024 19:14 15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 63
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.6 13.0#

