

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013868.D
 Acq On : 25 May 2023 13:16
 Operator : KP/MD
 Sample : 02852-05
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-26-051823

Quant Time: May 26 04:33:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

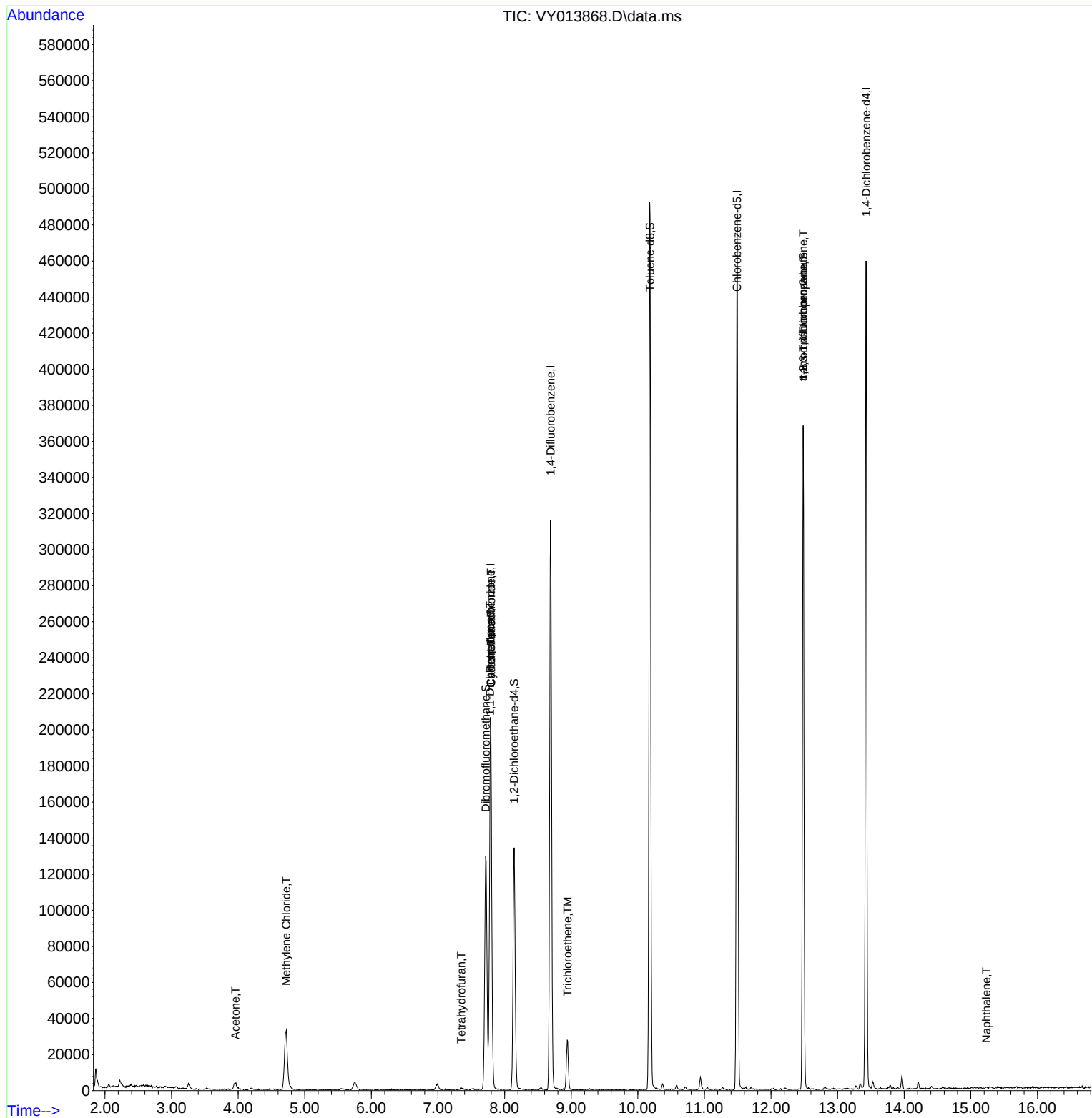
Internal Standards						
1) Pentafluorobenzene	7.789	168	160978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108465	58.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.480%			
35) Dibromofluoromethane	7.716	113	89392	51.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.800%			
50) Toluene-d8	10.185	98	327201	49.987	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.483	95	99944	45.934	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.860%			
Target Compounds						Qvalue
16) Acetone	3.960	43	7393	13.375	ug/l	96
20) Methylene Chloride	4.722	84	23817	10.127	ug/l	96
29) Tetrahydrofuran	7.350	42	514	1.276	ug/l #	59
31) Cyclohexane	7.795	56	3653	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12321	4.697	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15710	5.266	ug/l #	16
44) Trichloroethene	8.947	130	9598	4.728	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	55566	41.188	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55566	89.405	ug/l #	10
95) Naphthalene	15.233	128	537	4.649	ug/l #	68

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

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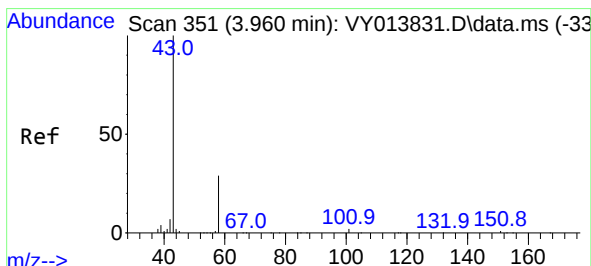
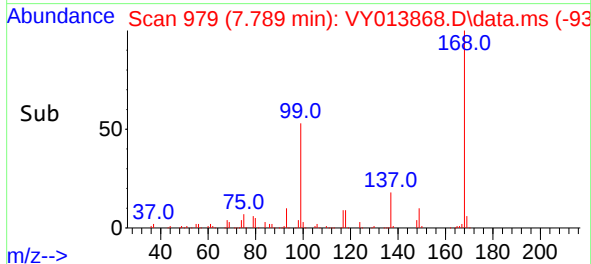
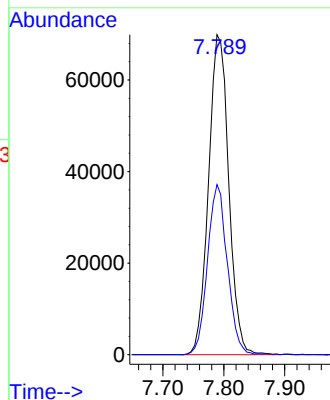
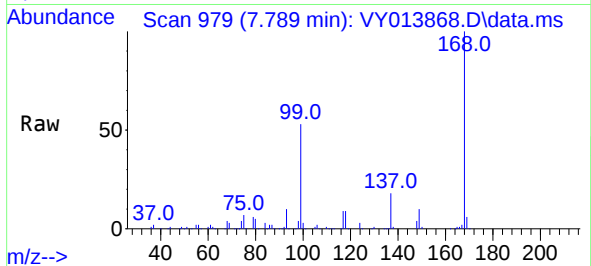




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

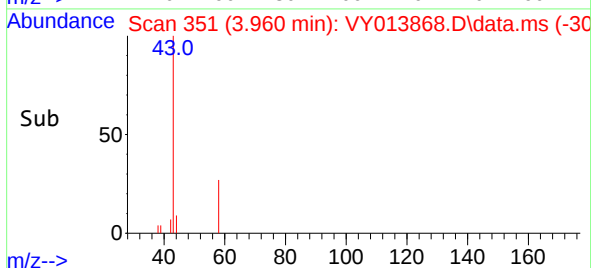
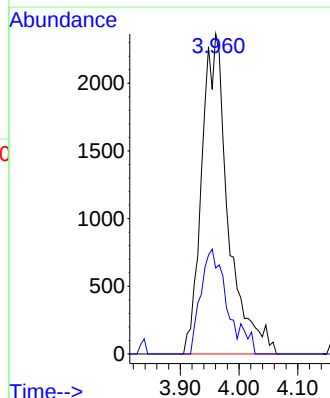
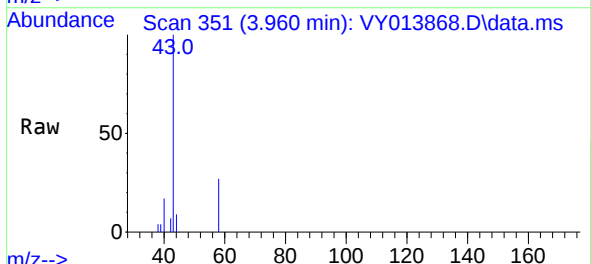
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-26-051823

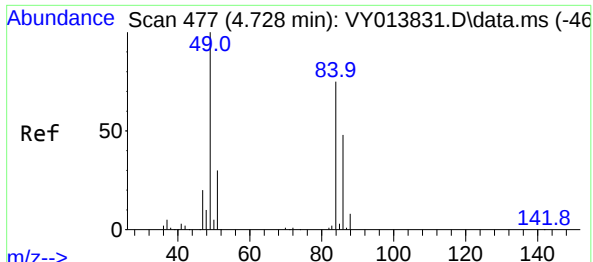
Tgt Ion:168 Resp: 160978
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.2



#16
Acetone
Concen: 13.375 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

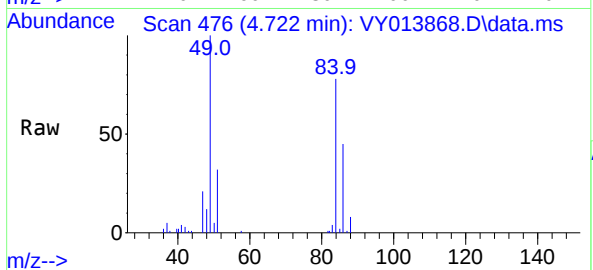
Tgt Ion: 43 Resp: 7393
Ion Ratio Lower Upper
43 100
58 26.9 23.3 34.9





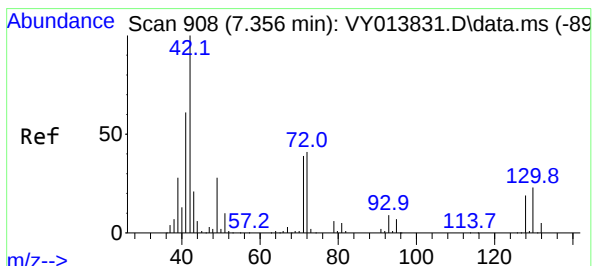
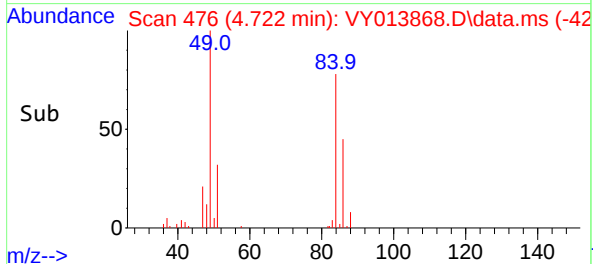
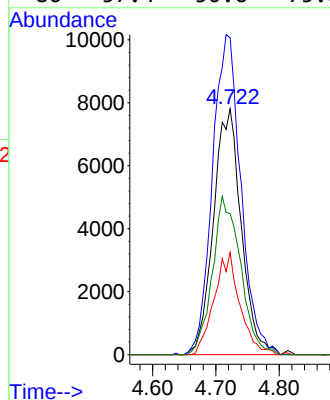
#20
Methylene Chloride
Concen: 10.127 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-26-051823



Tgt Ion: 84 Resp: 23817

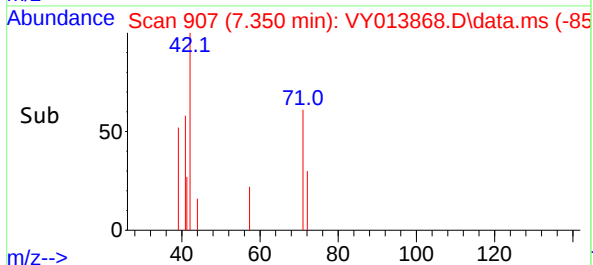
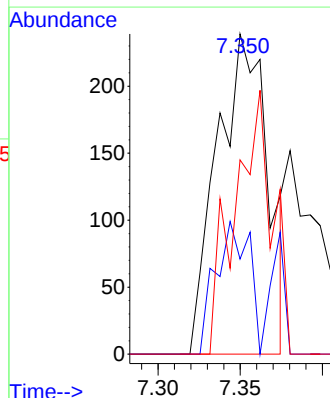
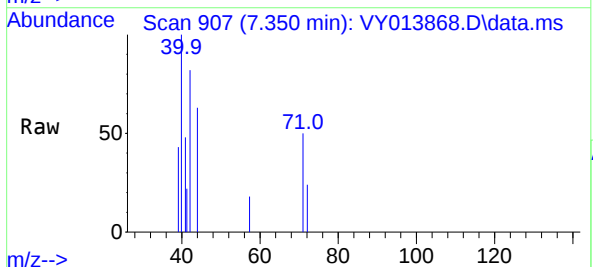
Ion	Ratio	Lower	Upper
84	100		
49	128.9	106.2	159.2
51	41.6	31.4	47.0
86	57.4	50.6	75.8

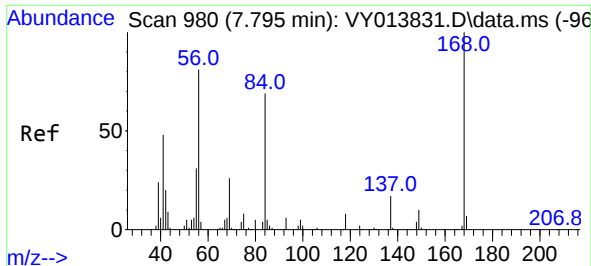


#29
Tetrahydrofuran
Concen: 1.276 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

Tgt Ion: 42 Resp: 514

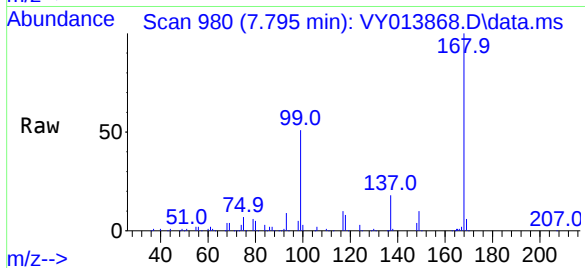
Ion	Ratio	Lower	Upper
42	100		
72	27.2	31.7	47.5#
71	0.0	30.6	45.8#



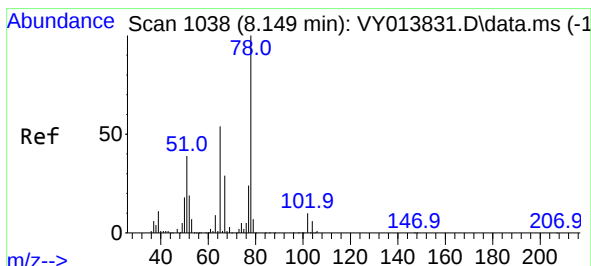
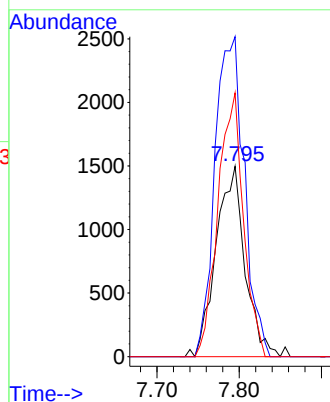
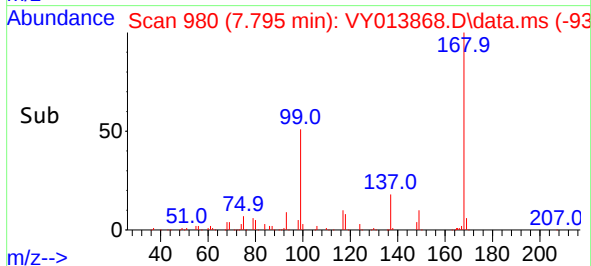


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

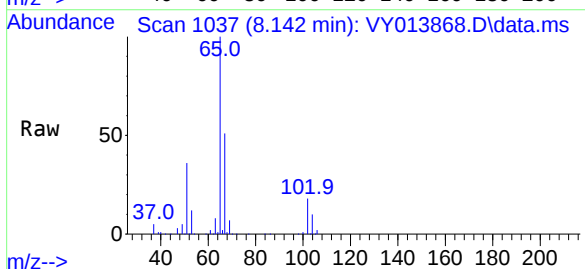
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-26-051823



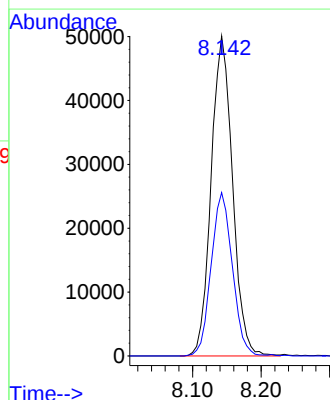
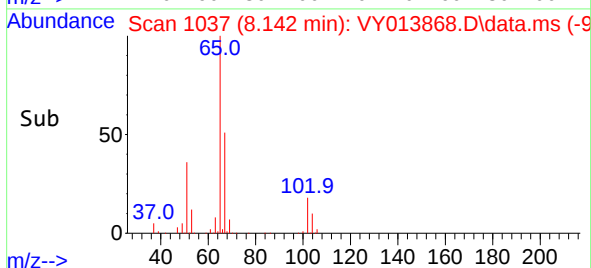
Tgt Ion: 56 Resp: 3653
Ion Ratio Lower Upper
56 100
69 168.0 25.8 38.8#
84 138.5 68.2 102.2#

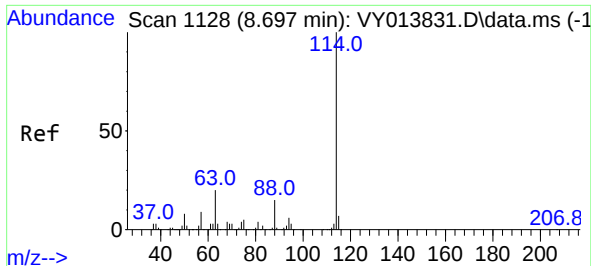


#33
1,2-Dichloroethane-d4
Concen: 58.241 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16



Tgt Ion: 65 Resp: 108465
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013868.D

Acq: 25 May 2023 13:16

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-26-051823

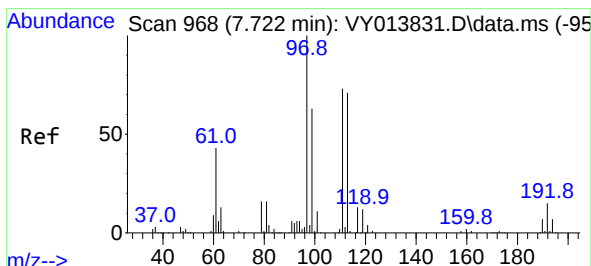
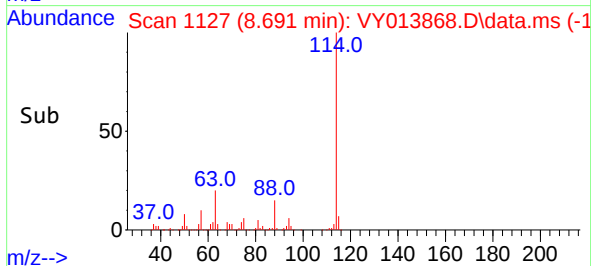
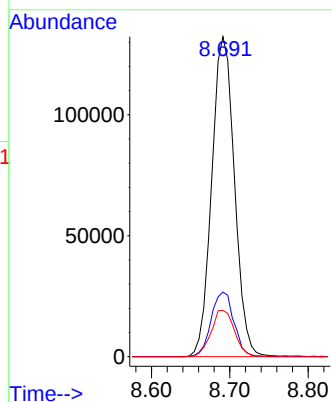
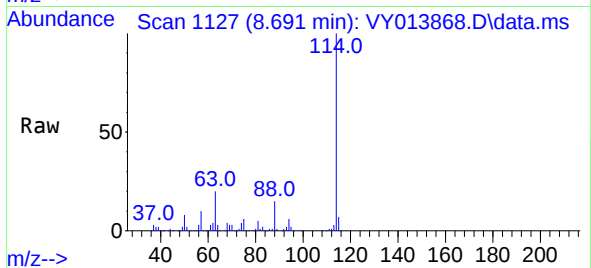
Tgt Ion:114 Resp: 266682

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.904 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013868.D

Acq: 25 May 2023 13:16

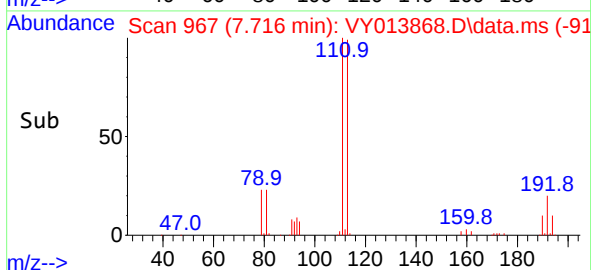
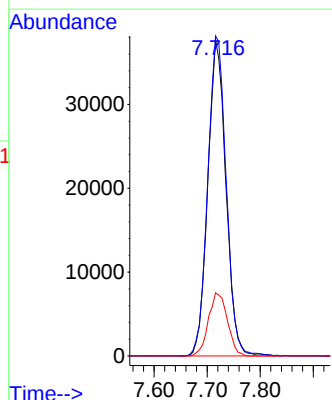
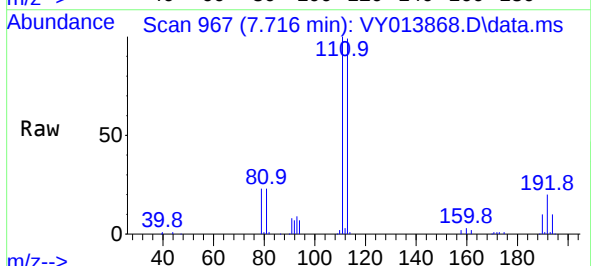
Tgt Ion:113 Resp: 89392

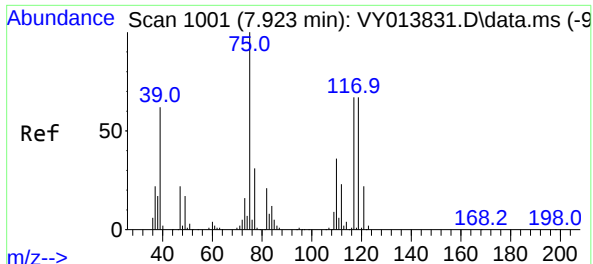
Ion Ratio Lower Upper

113 100

111 103.1 80.4 120.6

192 20.9 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.697 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY013868.D

Acq: 25 May 2023 13:16

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ClientSampleId :

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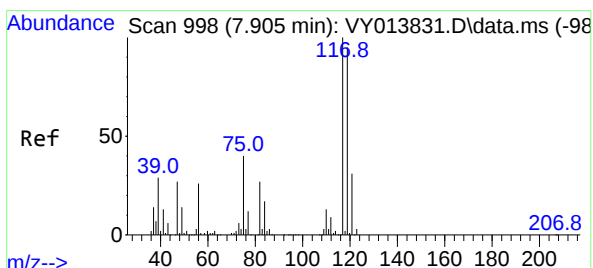
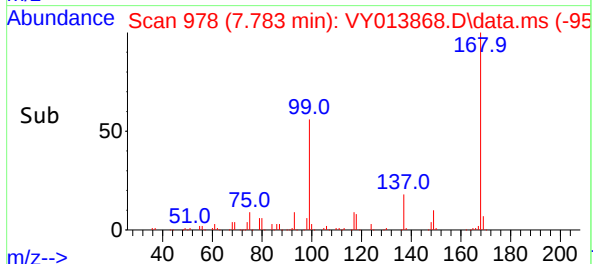
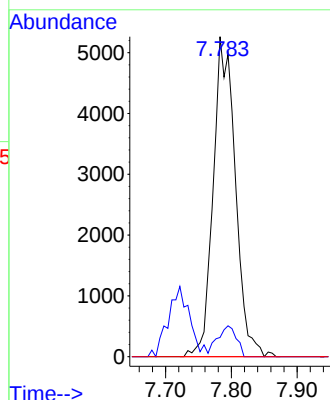
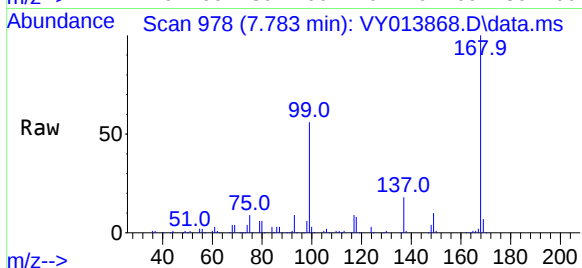
Tgt Ion: 75 Resp: 12321

Ion Ratio Lower Upper

75 100

110 8.2 17.5 52.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.266 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY013868.D

Acq: 25 May 2023 13:16

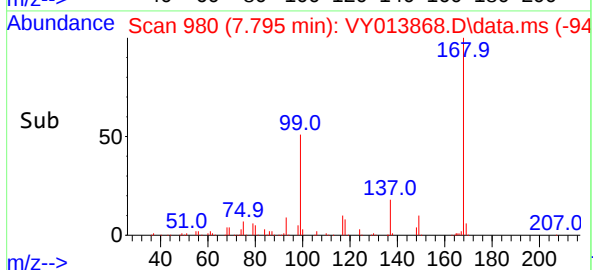
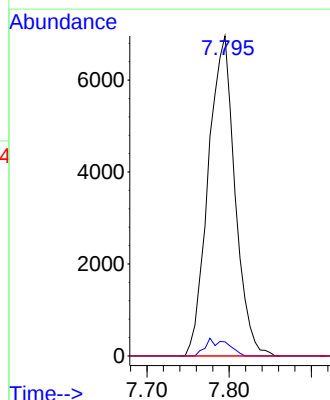
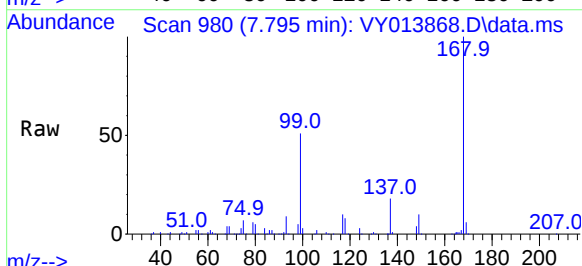
Tgt Ion: 117 Resp: 15710

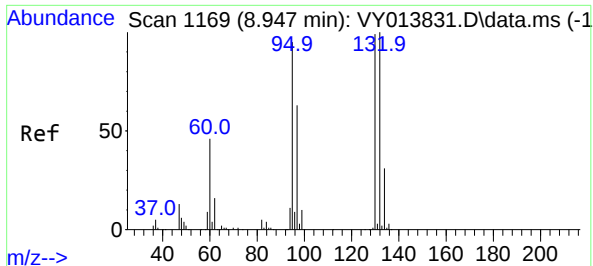
Ion Ratio Lower Upper

117 100

119 4.4 75.6 113.4#

121 0.0 24.8 37.2#

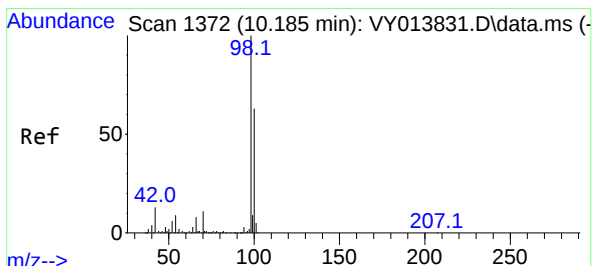
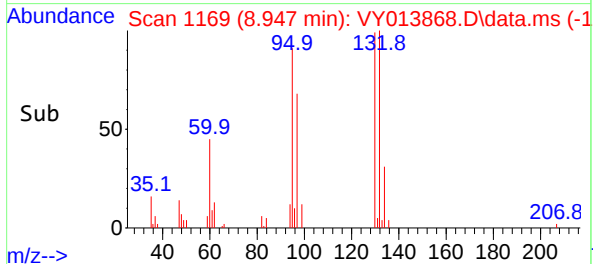
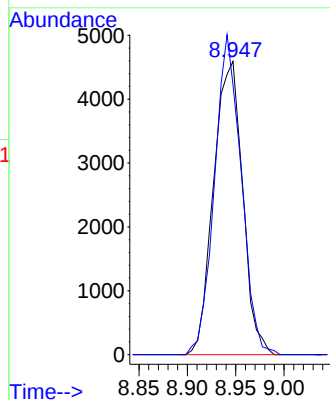
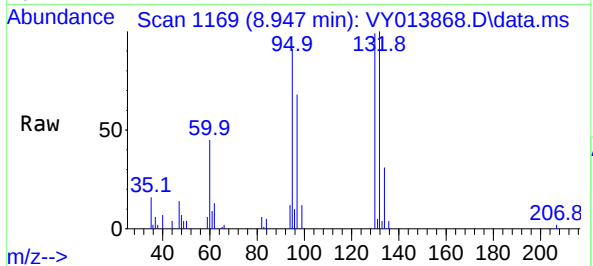




#44
Trichloroethene
Concen: 4.728 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

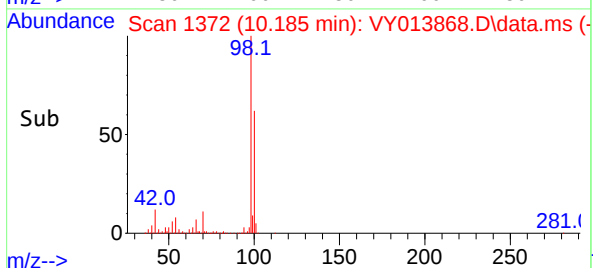
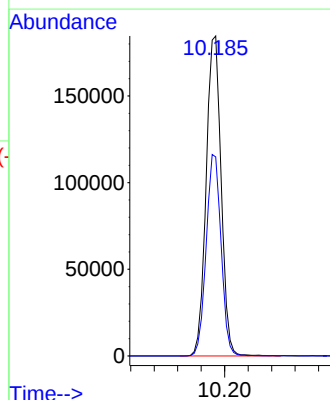
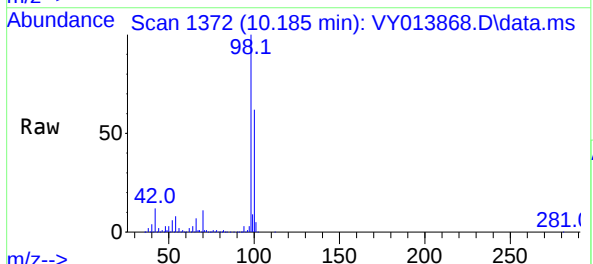
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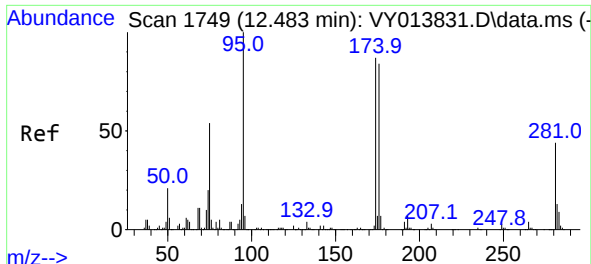
Tgt Ion:130 Resp: 9598
Ion Ratio Lower Upper
130 100
95 92.0 0.0 192.8



#50
Toluene-d8
Concen: 49.987 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

Tgt Ion: 98 Resp: 327201
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

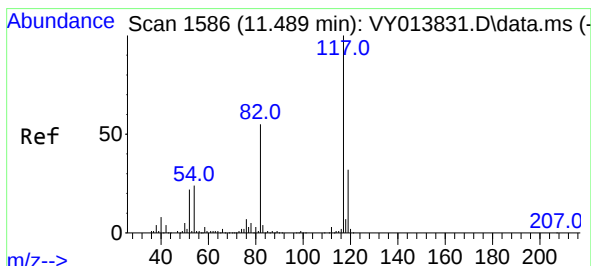
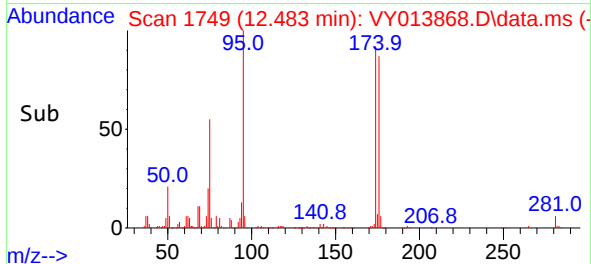
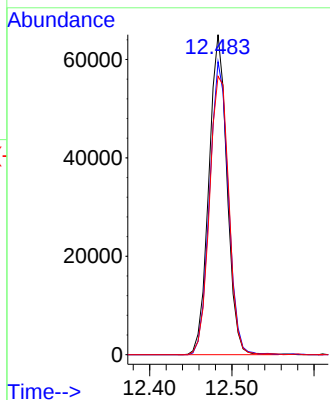
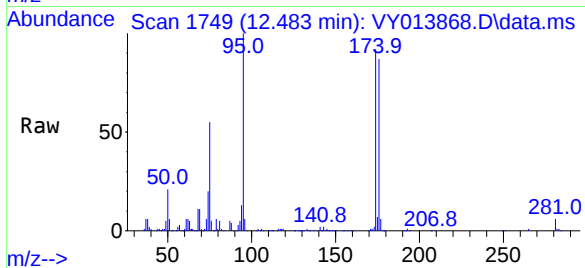




#62
4-Bromofluorobenzene
Concen: 45.934 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

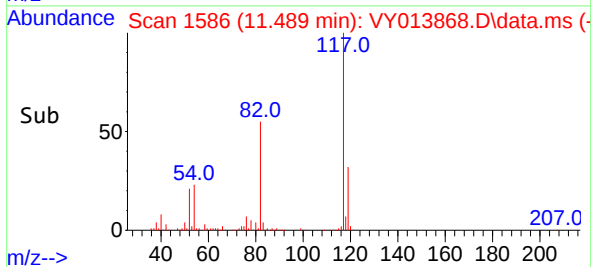
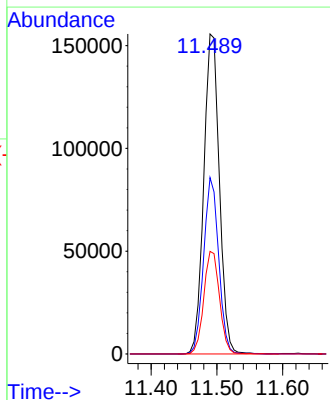
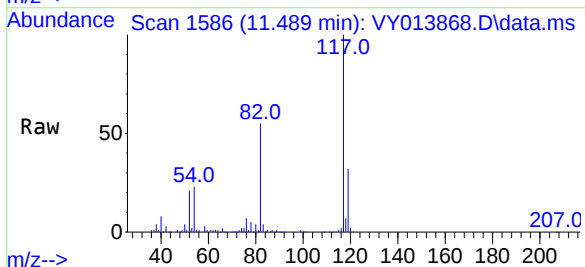
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-26-051823

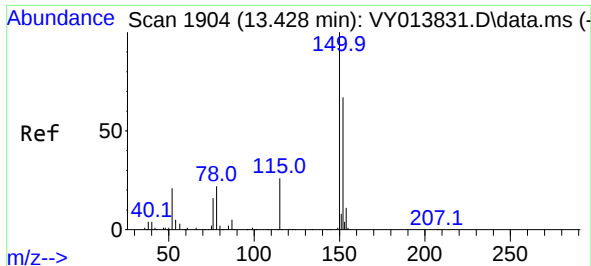
Tgt Ion:	95	Resp:	99944
Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	176.0
176	92.4	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

Tgt Ion:	117	Resp:	257402
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.4
119	32.1	25.7	38.5

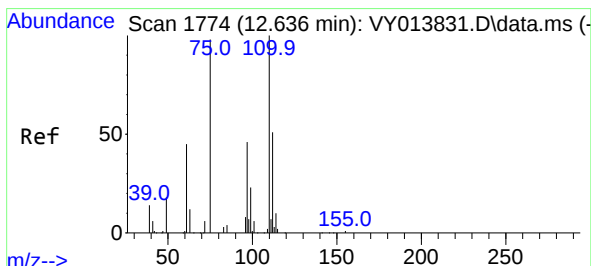
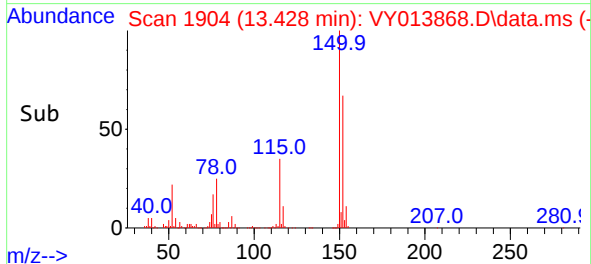
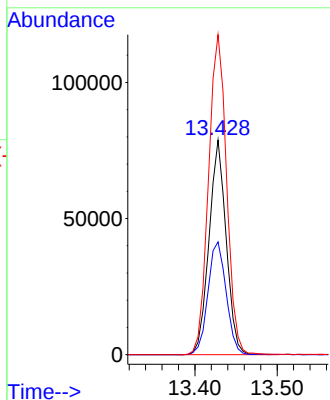
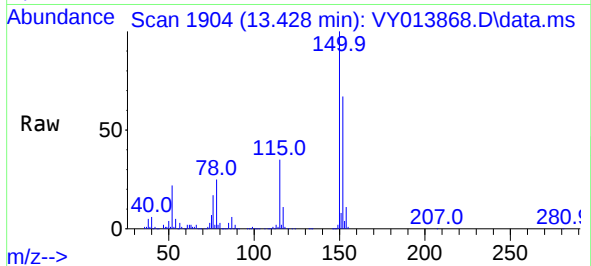




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013868.D
 Acq: 25 May 2023 13:16

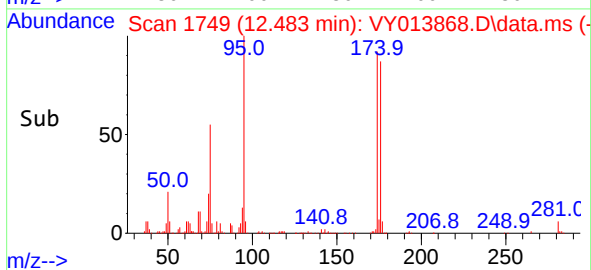
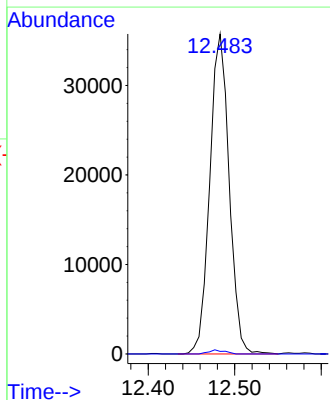
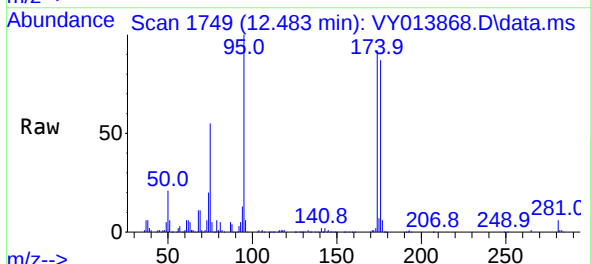
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-26-051823

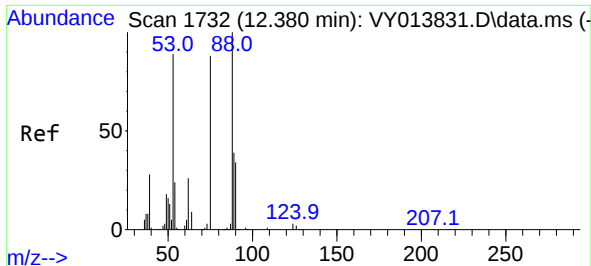
Tgt Ion:152 Resp: 114414
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.8 86.5
 150 157.1 0.0 353.4



#76
 1,2,3-Trichloropropane
 Concen: 41.188 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013868.D
 Acq: 25 May 2023 13:16

Tgt Ion: 75 Resp: 55566
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

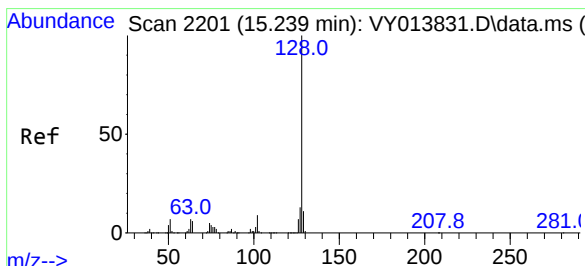
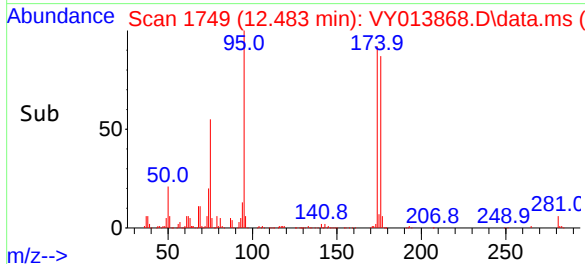
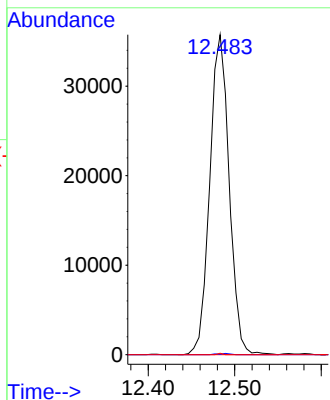
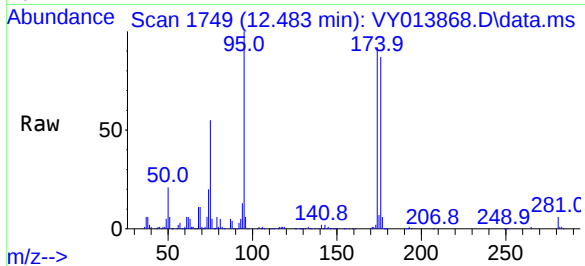




#81
trans-1,4-Dichloro-2-butene
Concen: 89.405 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-26-051823

Tgt Ion: 75 Resp: 55566
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.649 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013868.D
Acq: 25 May 2023 13:16

Tgt Ion: 128 Resp: 537
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

