

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008369.D
 Acq On : 18 Apr 2022 13:35
 Operator : KP/MD
 Sample : N2391-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-041422

Quant Time: Apr 19 06:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

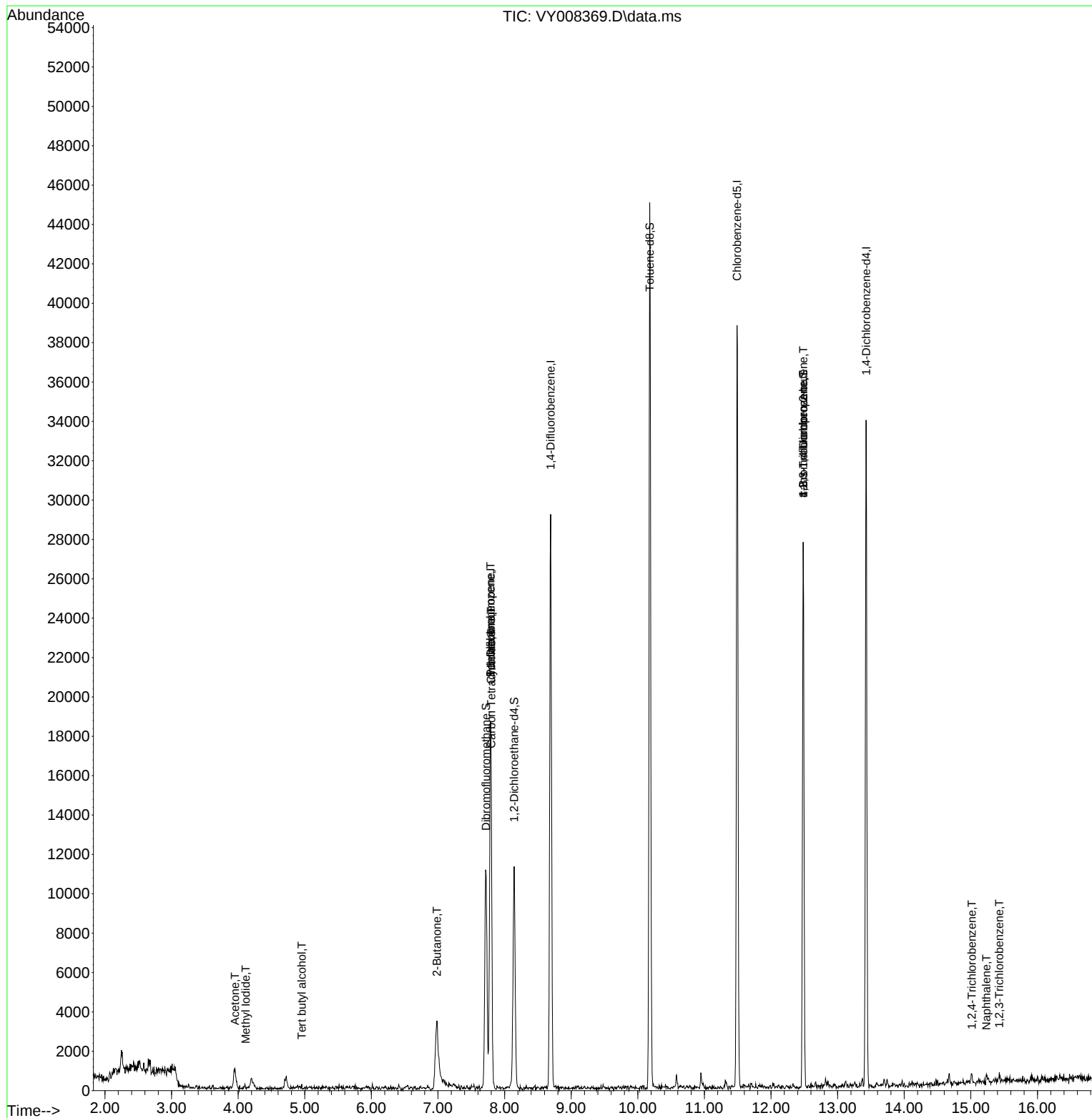
Internal Standards						
1) Pentafluorobenzene	7.789	168	15437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	25554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8244	56.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.700%
35) Dibromofluoromethane	7.722	113	8118	55.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.000%
50) Toluene-d8	10.179	98	30455	60.302	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.600%
62) 4-Bromofluorobenzene	12.483	95	8484	44.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	98	Below Cal	#	44
5) Bromomethane	2.668	94	371	Below Cal	#	77
10) Methyl Iodide	4.113	142	243	3.610	ug/l #	35
11) Tert butyl alcohol	4.954	59	26	1.677	ug/l #	77
16) Acetone	3.954	43	1893	54.277	ug/l #	79
18) Methyl Acetate	4.229	43	62	Below Cal	#	56
20) Methylene Chloride	4.722	84	443	Below Cal	#	63
25) 2-Butanone	6.984	43	88	1.614	ug/l #	54
31) Cyclohexane	7.795	56	274	1.045	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	1246	5.287	ug/l #	46
38) Carbon Tetrachloride	7.801	117	1559	6.148	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	4421	44.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4421	98.524	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.013	180	303	1.758	ug/l #	84
95) Naphthalene	15.233	128	516	1.398	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.428	180	199	1.319	ug/l #	64

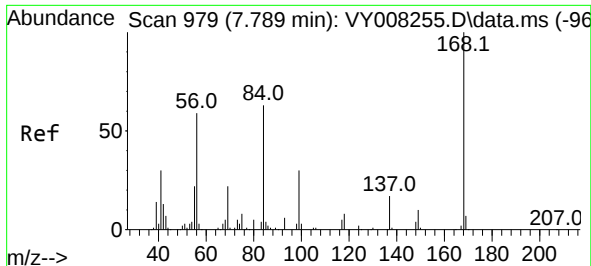
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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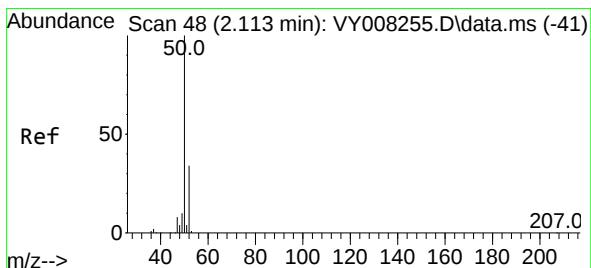
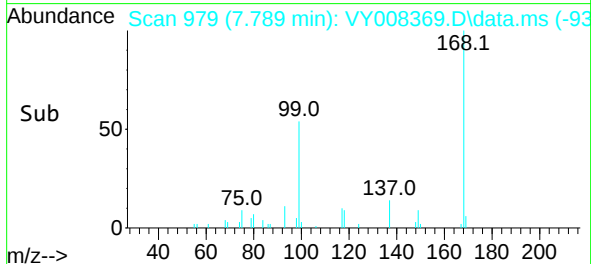
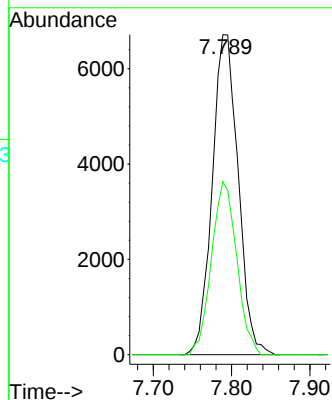
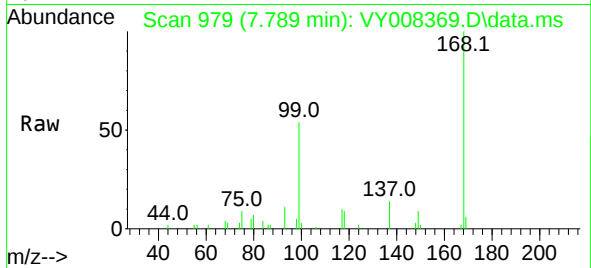




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

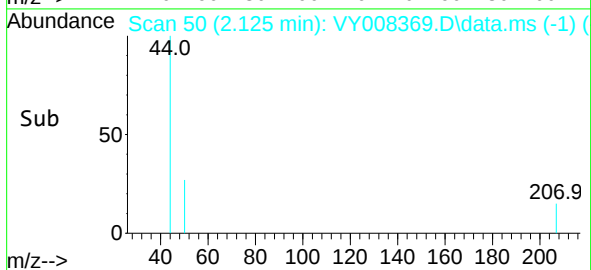
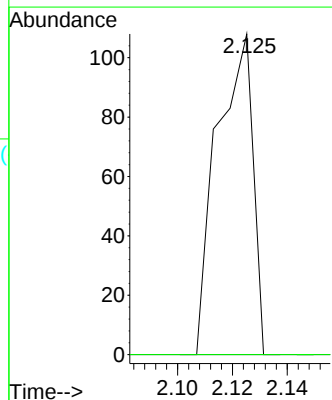
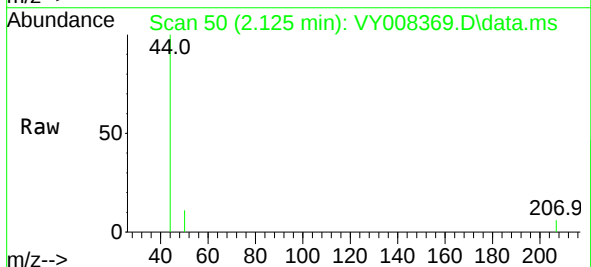
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

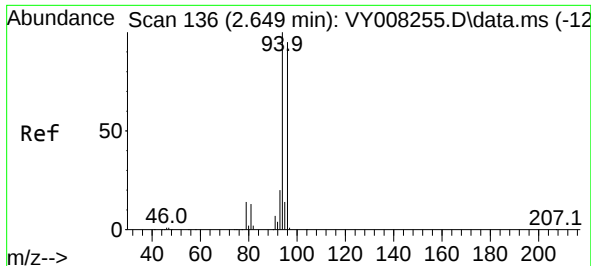
Tgt Ion:168 Resp: 15437
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 50 Resp: 98
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

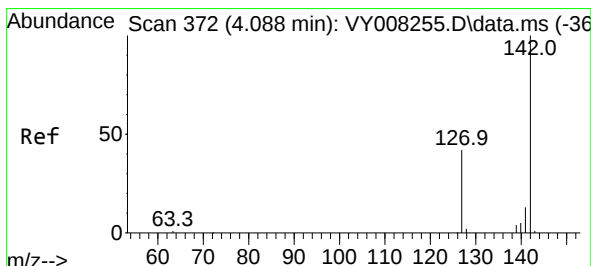
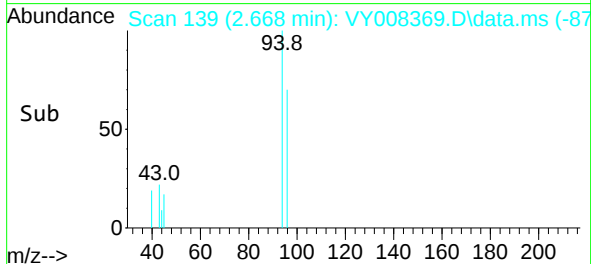
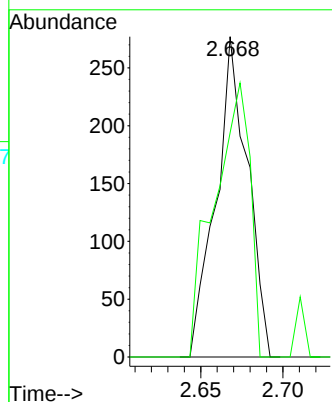
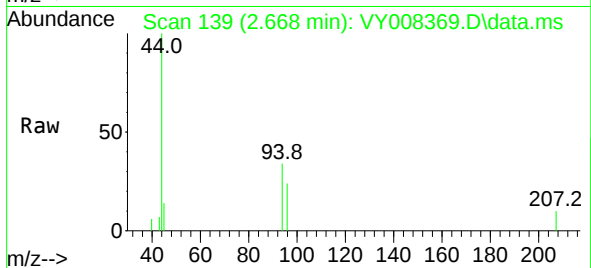




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

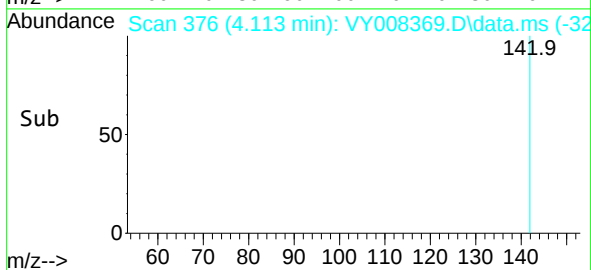
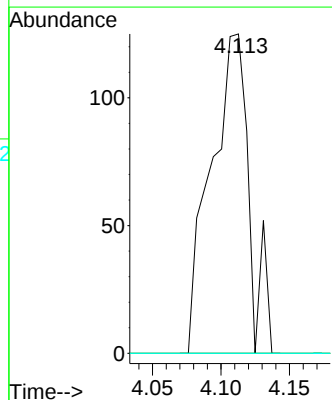
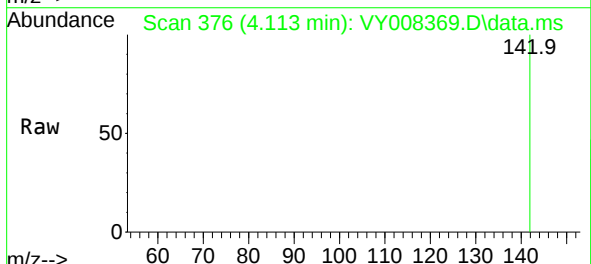
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

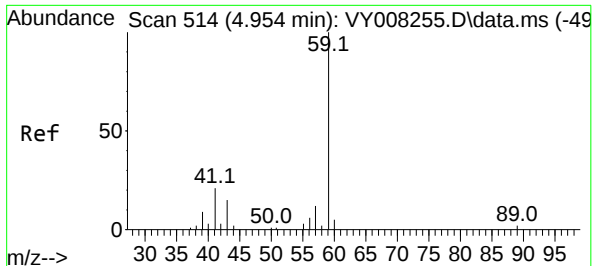
Tgt Ion: 94 Resp: 371
Ion Ratio Lower Upper
94 100
96 70.0 73.5 110.3#



#10
Methyl Iodide
Concen: 3.610 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 142 Resp: 243
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

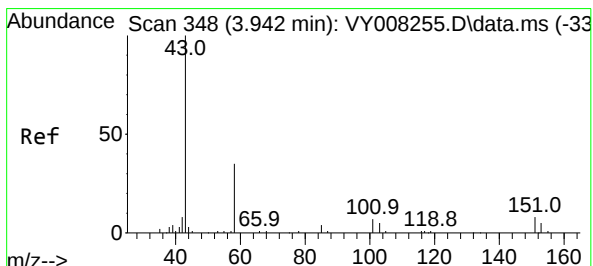
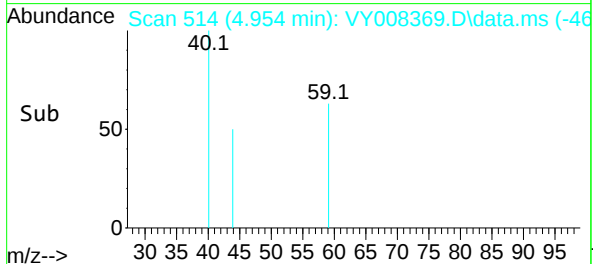
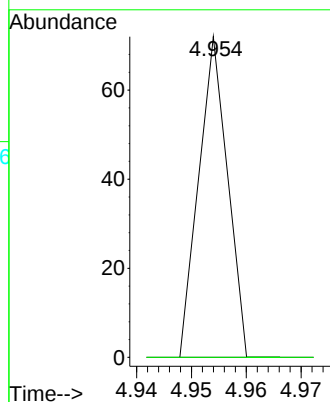
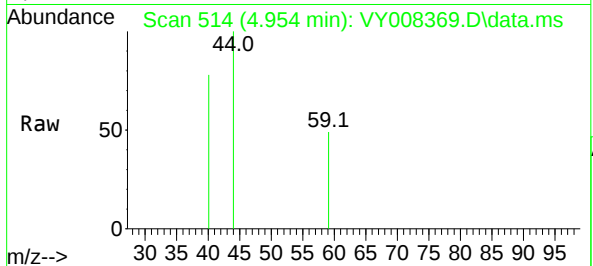




#11
Tert butyl alcohol
Concen: 1.677 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

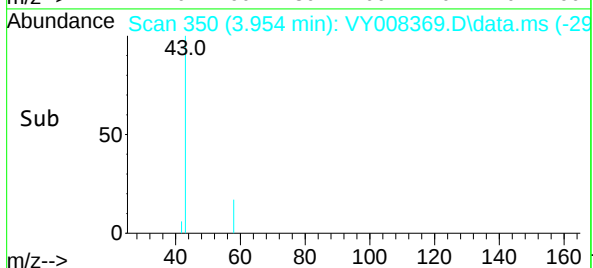
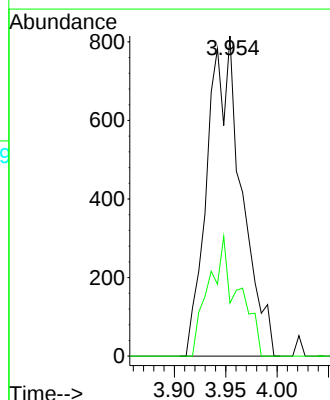
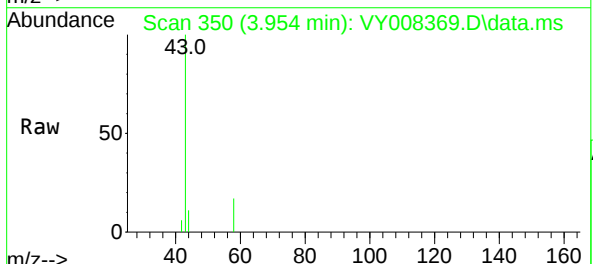
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

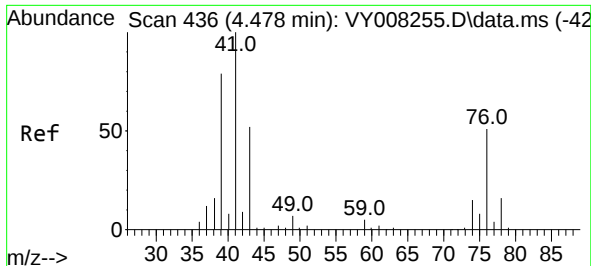
Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 54.277 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 16.6 22.0 33.0#

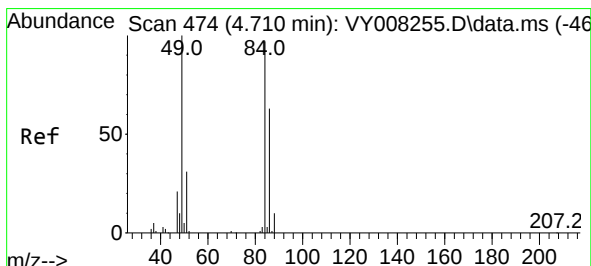
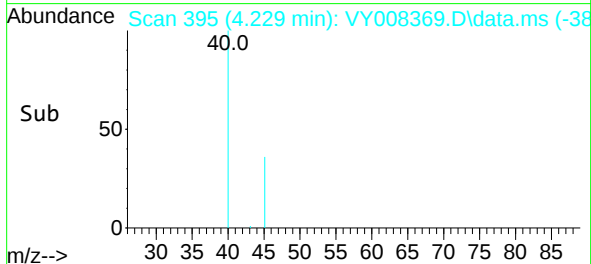
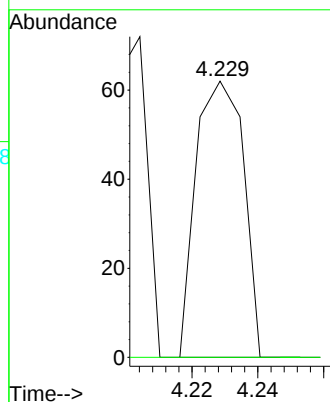
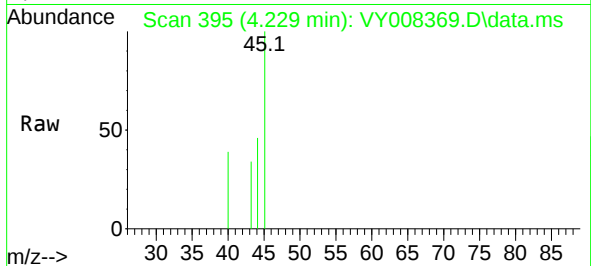




#18
Methyl Acetate
Concen: Below Cal
RT: 4.229 min Scan# 395
Delta R.T. -0.249 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

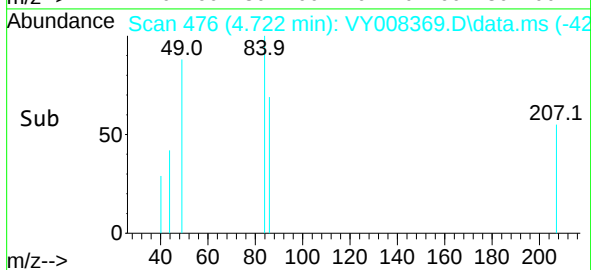
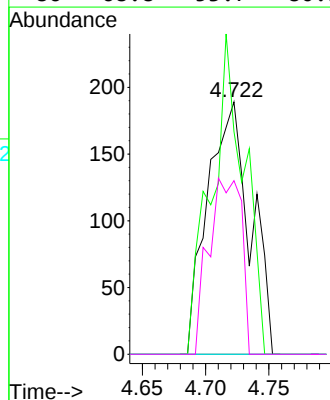
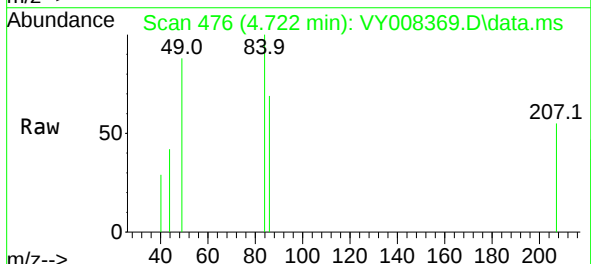
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

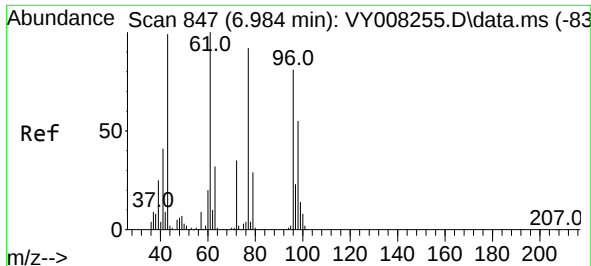
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 84 Resp: 443
Ion Ratio Lower Upper
84 100
49 88.4 114.4 171.6#
51 0.0 35.3 52.9#
86 68.8 53.7 80.5

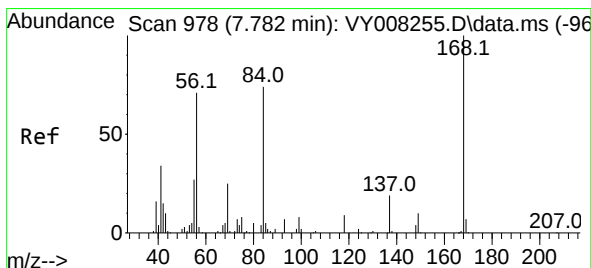
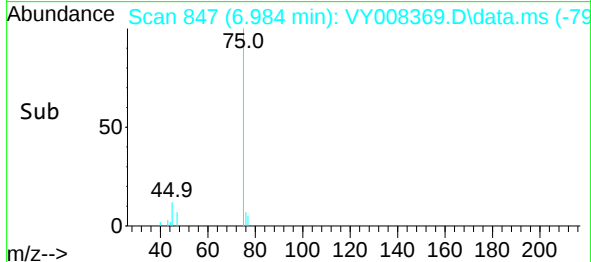
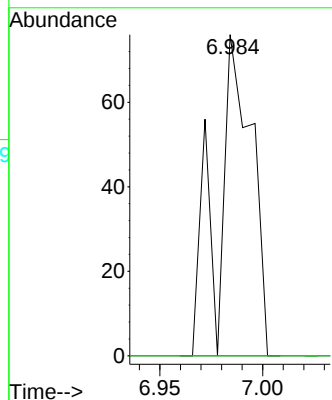
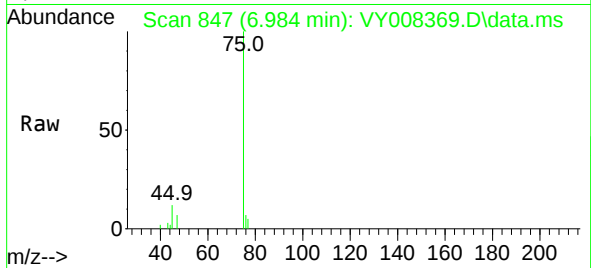




#25
2-Butanone
Concen: 1.614 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

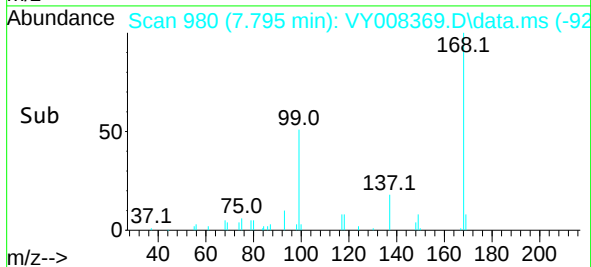
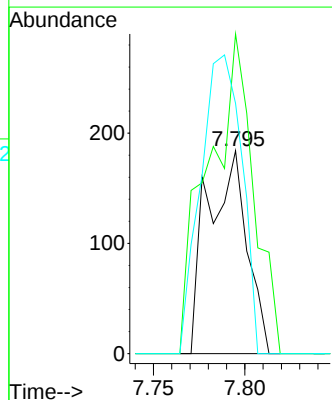
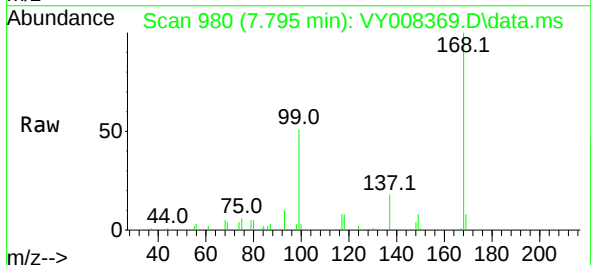
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

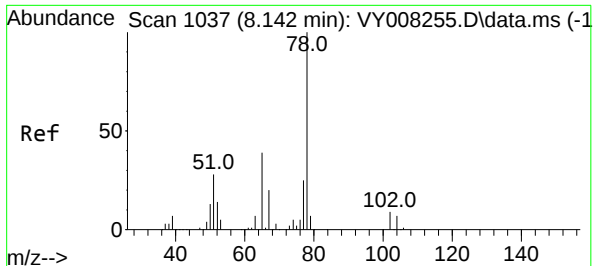
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.013 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 56 Resp: 274
Ion Ratio Lower Upper
56 100
69 157.6 26.7 40.1#
84 123.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.854 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008369.D

Acq: 18 Apr 2022 13:35

Instrument :

MSVOA_Y

ClientSampleId :

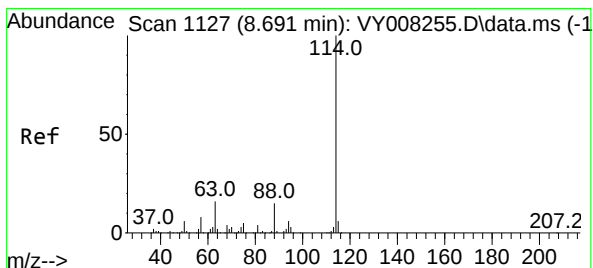
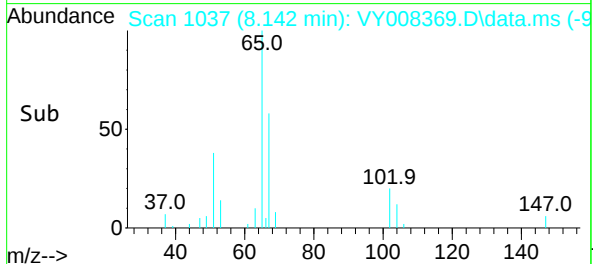
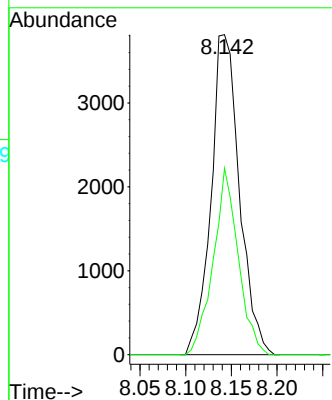
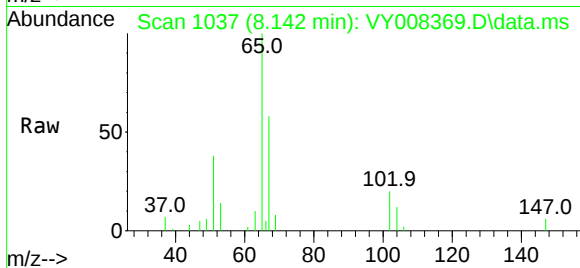
TR-06-041422

Tgt Ion: 65 Resp: 8244

Ion Ratio Lower Upper

65 100

67 51.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008369.D

Acq: 18 Apr 2022 13:35

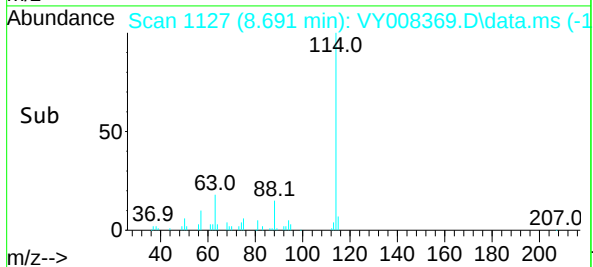
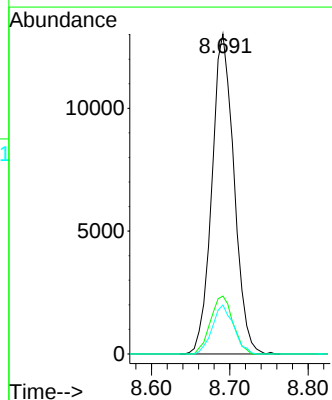
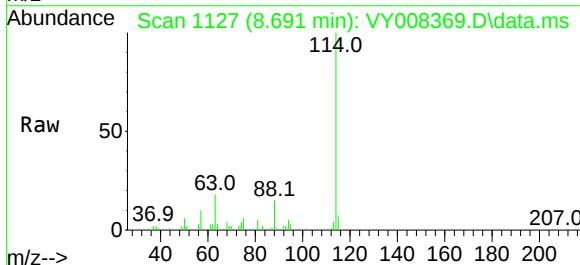
Tgt Ion: 114 Resp: 25554

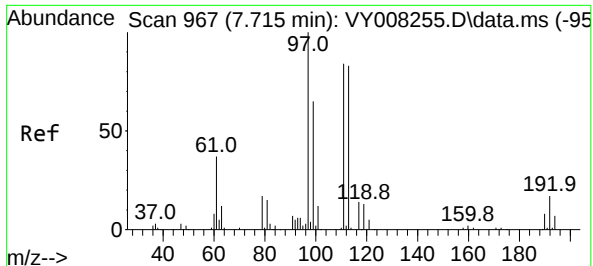
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.3 0.0 31.8

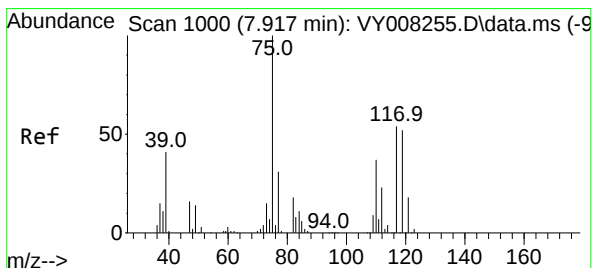
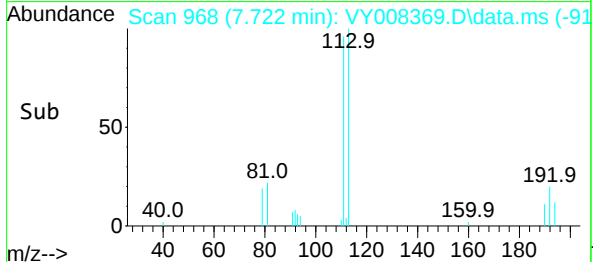
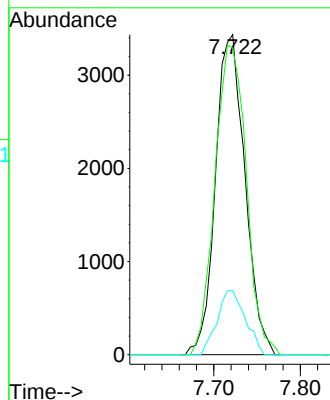
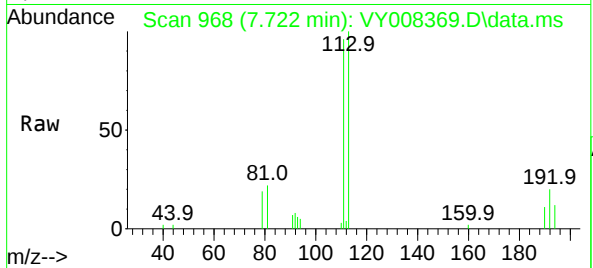




#35
Dibromofluoromethane
Concen: 55.002 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

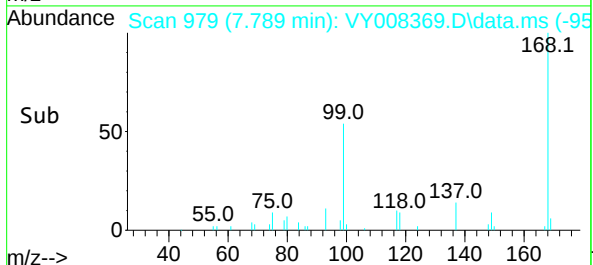
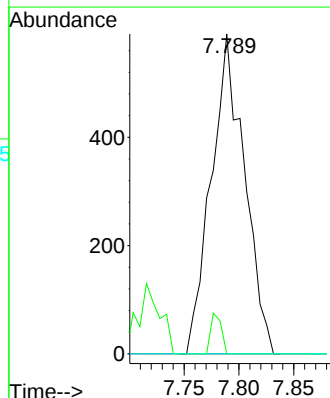
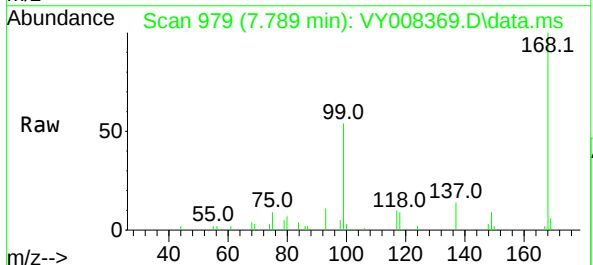
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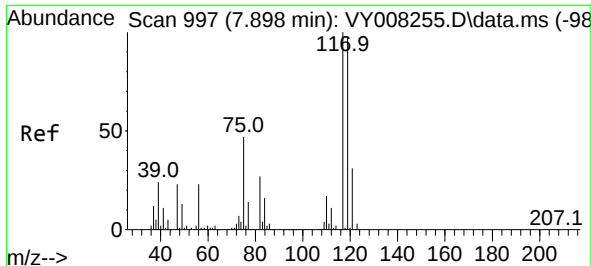
Tgt Ion:113 Resp: 8118
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 75 Resp: 1246
Ion Ratio Lower Upper
75 100
110 4.0 17.1 51.2#
77 0.0 24.4 36.6#

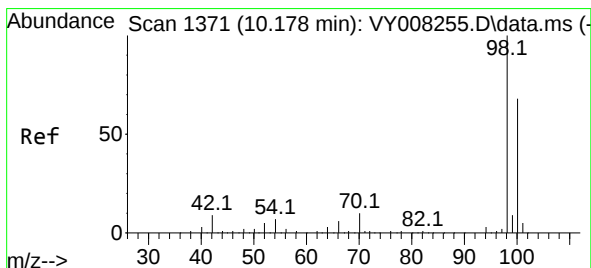
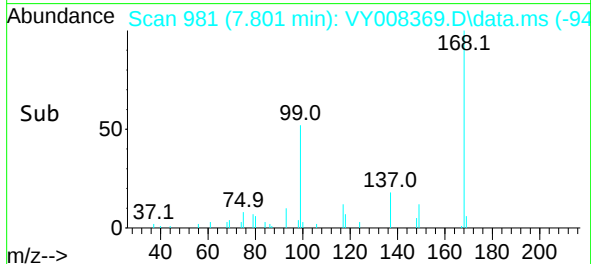
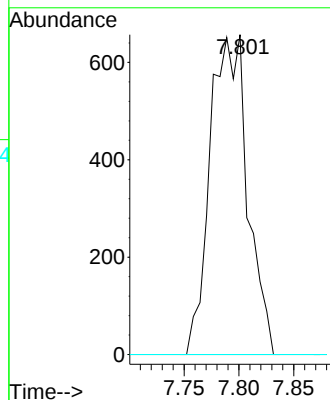
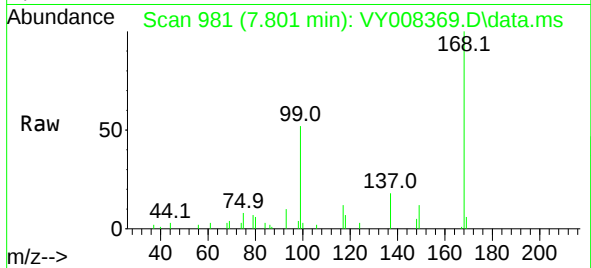




#38
Carbon Tetrachloride
Concen: 6.148 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

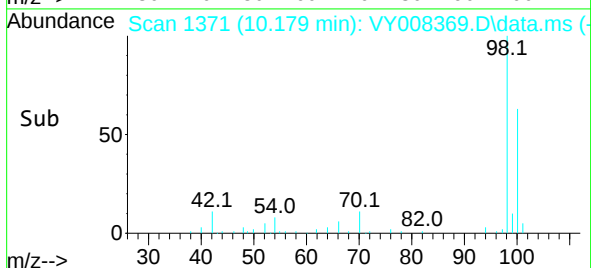
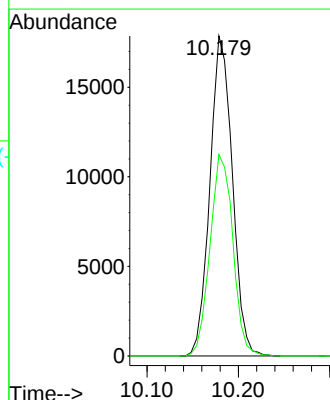
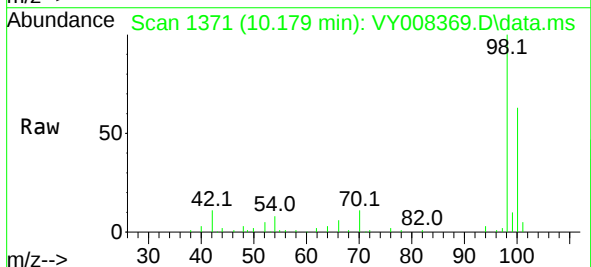
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

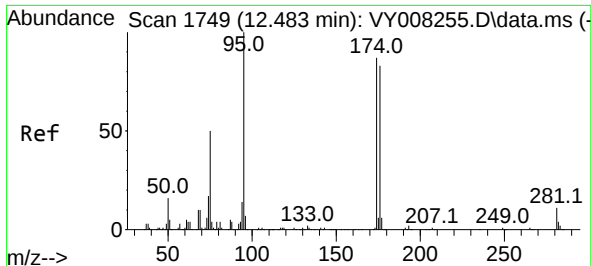
Tgt Ion:117 Resp: 1559
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.302 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion: 98 Resp: 30455
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

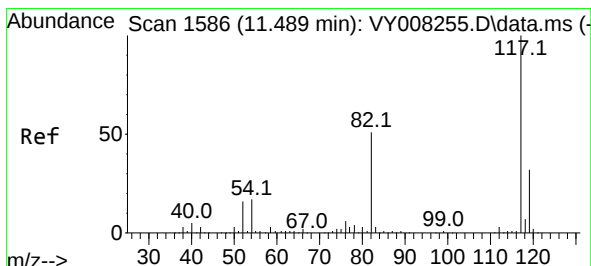
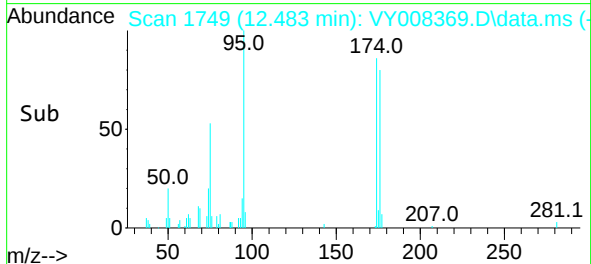
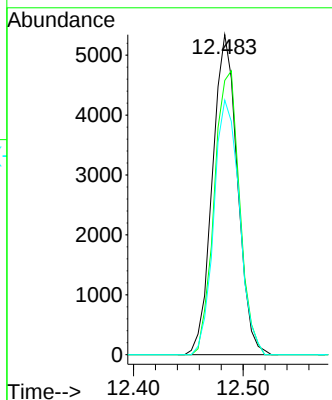
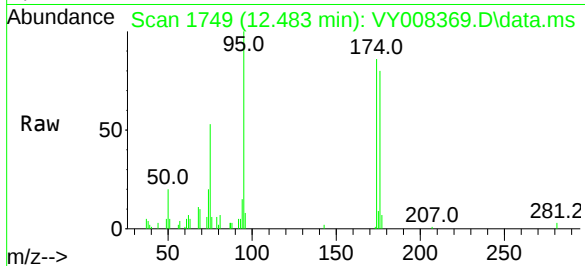




#62
4-Bromofluorobenzene
Concen: 44.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

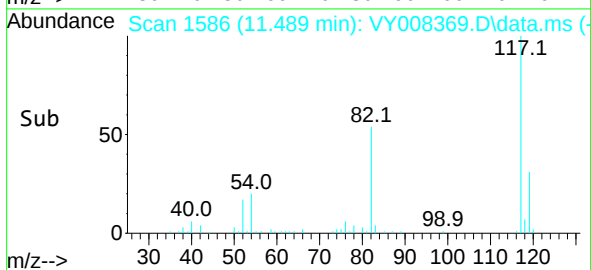
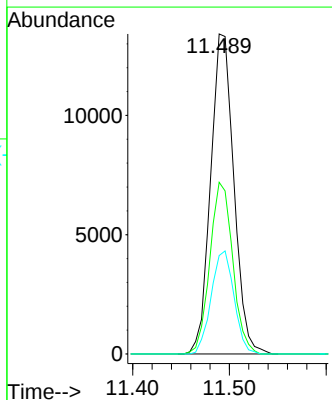
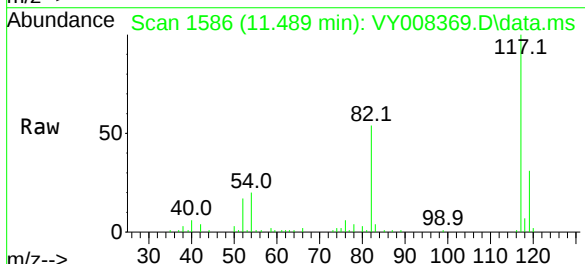
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

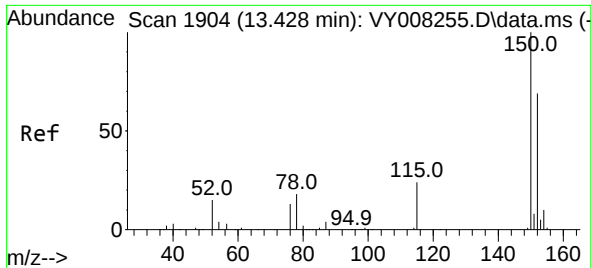
Tgt Ion:	95	Resp:	8484
Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	177.0
176	81.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion:	117	Resp:	22395
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	30.8	25.4	38.0

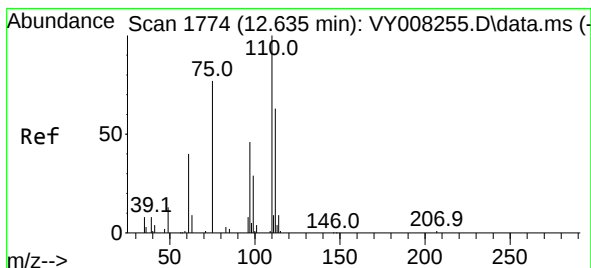
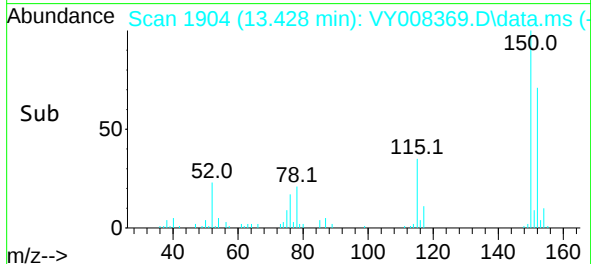
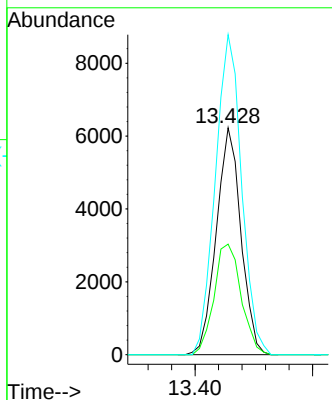
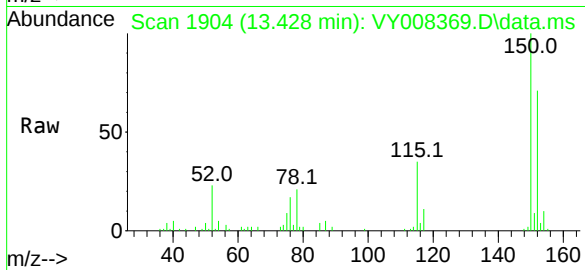




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008369.D
 Acq: 18 Apr 2022 13:35

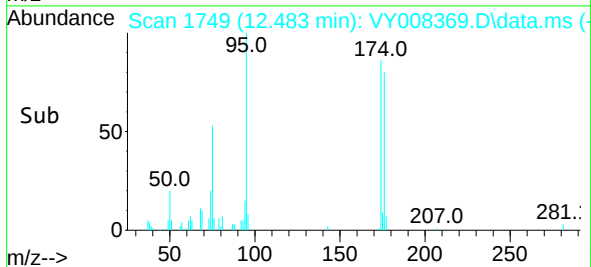
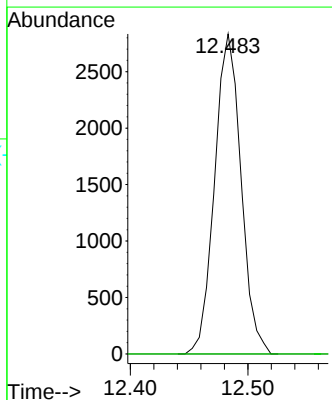
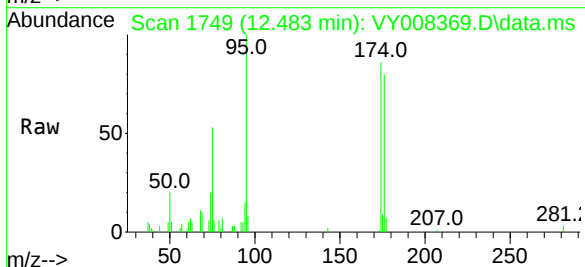
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-041422

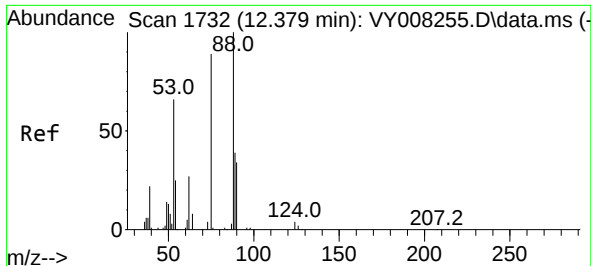
Tgt Ion:152 Resp: 9078
 Ion Ratio Lower Upper
 152 100
 115 53.6 28.2 84.7
 150 150.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.034 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008369.D
 Acq: 18 Apr 2022 13:35

Tgt Ion: 75 Resp: 4421
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

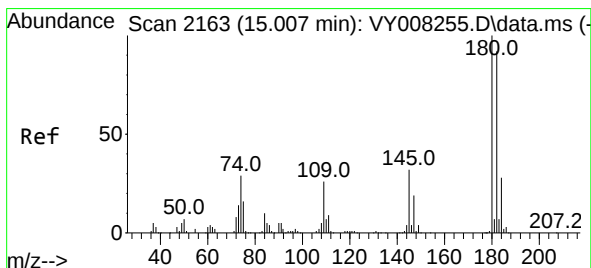
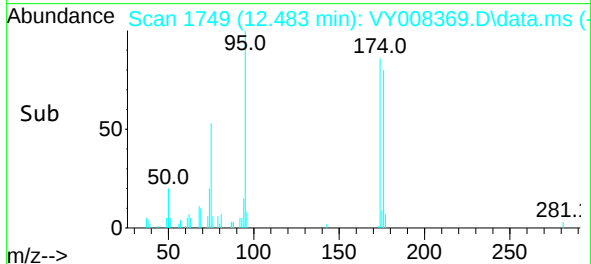
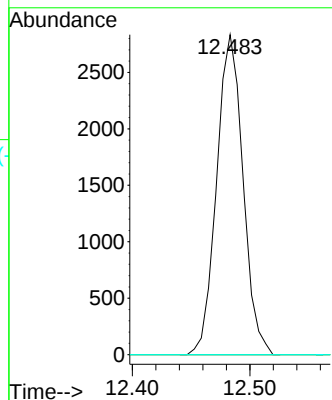
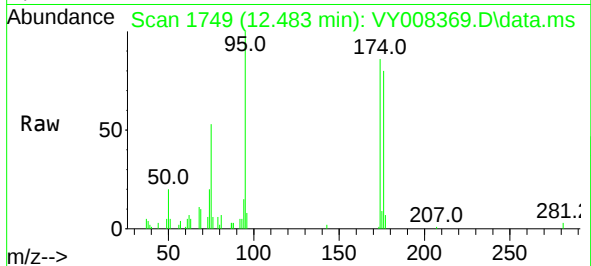




#81
trans-1,4-Dichloro-2-butene
Concen: 98.524 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

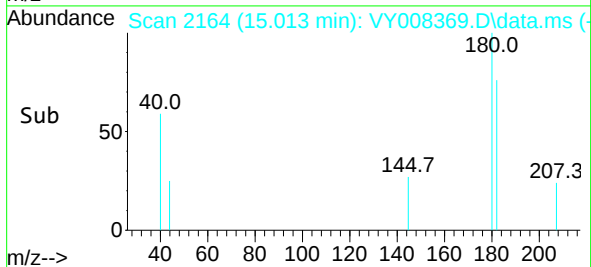
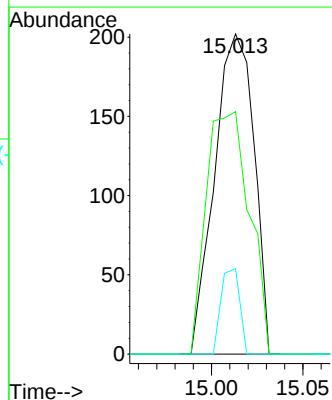
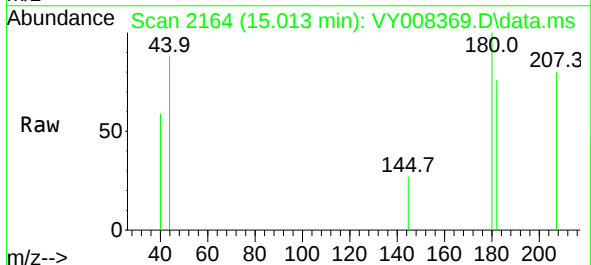
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

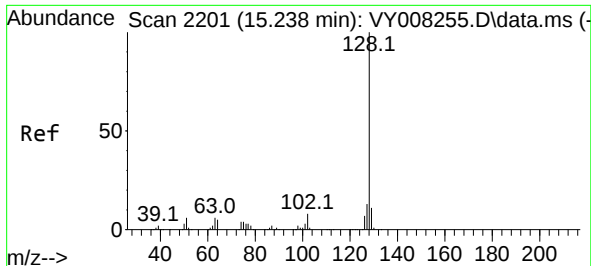
Tgt Ion: 75 Resp: 4421
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.758 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion:180 Resp: 303
Ion Ratio Lower Upper
180 100
182 83.2 47.3 141.9
145 12.5 14.6 43.8#

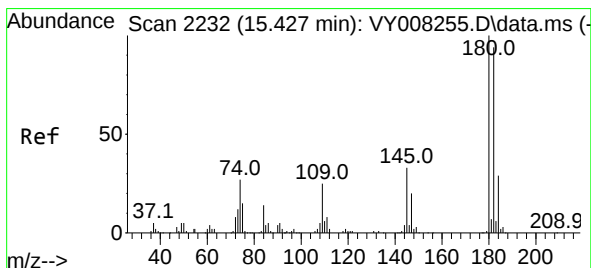
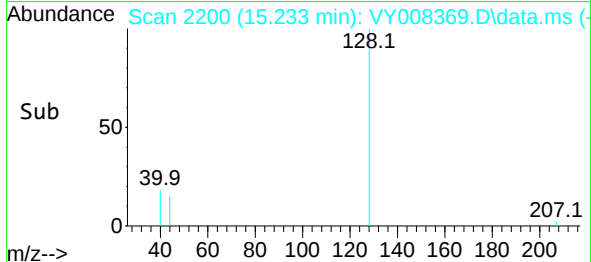
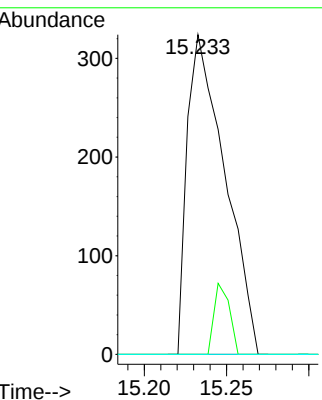
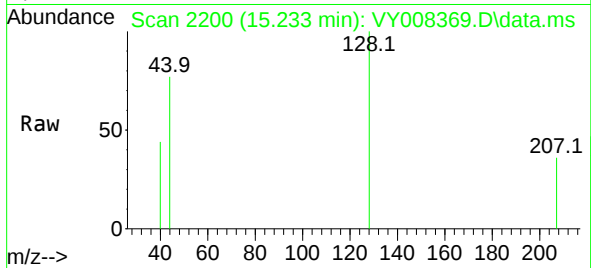




#95
Naphthalene
Concen: 1.398 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.005 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-041422

Tgt Ion:128 Resp: 516
Ion Ratio Lower Upper
128 100
127 8.9 11.0 16.4#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.319 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.001 min
Lab File: VY008369.D
Acq: 18 Apr 2022 13:35

Tgt Ion:180 Resp: 199
Ion Ratio Lower Upper
180 100
182 123.6 47.3 141.9
145 0.0 15.3 45.9#

