

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008090.D
 Acq On : 29 Mar 2022 16:26
 Operator : SY/MD
 Sample : N2155-05
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:00:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

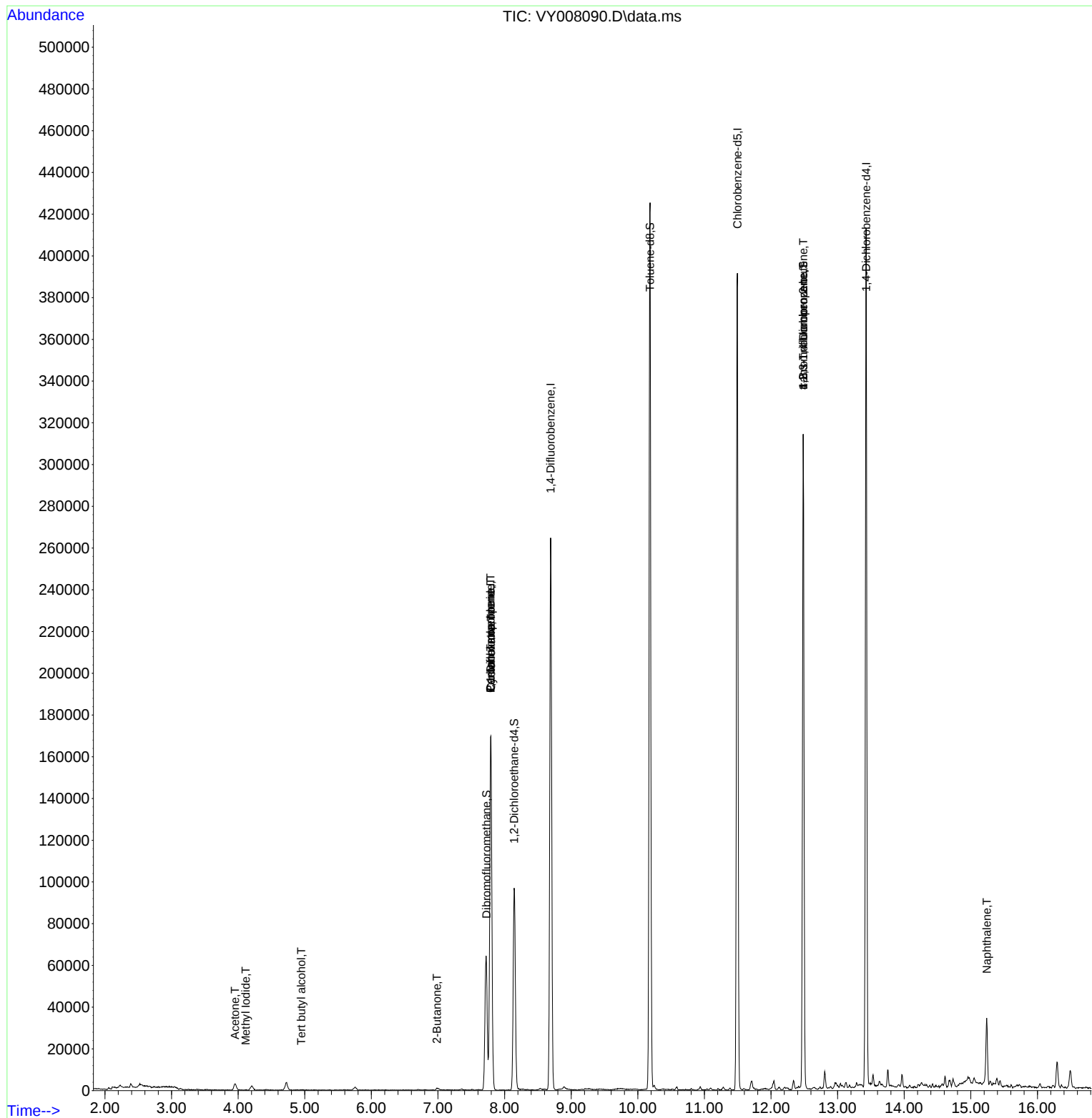
Internal Standards						
1) Pentafluorobenzene	7.789	168	132567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76573	57.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.140%	
35) Dibromofluoromethane	7.728	113	46605	30.928	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 61.860%	
50) Toluene-d8	10.185	98	291882	51.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.483	95	99683	49.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.540%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	30	1.714	ug/l #	35
11) Tert butyl alcohol	4.948	59	220	1.594	ug/l #	77
16) Acetone	3.954	43	5543	18.233	ug/l #	86
18) Methyl Acetate	4.229	43	93	Below Cal	#	56
20) Methylene Chloride	4.722	84	2828	Below Cal	#	73
25) 2-Butanone	6.984	43	651	1.407	ug/l	97
31) Cyclohexane	7.795	56	2776	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10442	4.411	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13742	5.327	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51187	42.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51187	94.127	ug/l #	7
95) Naphthalene	15.239	128	26527	6.090	ug/l	99

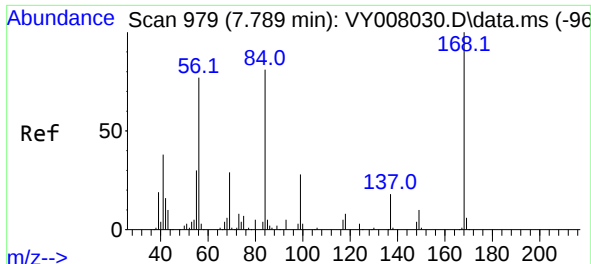
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008090.D
Acq On : 29 Mar 2022 16:26
Operator : SY/MD
Sample : N2155-05
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

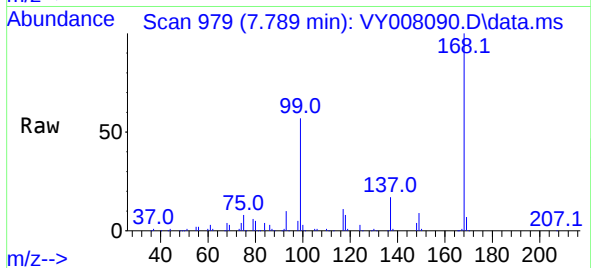
Quant Time: Mar 30 04:00:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



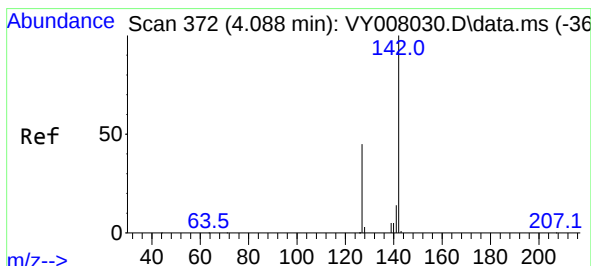
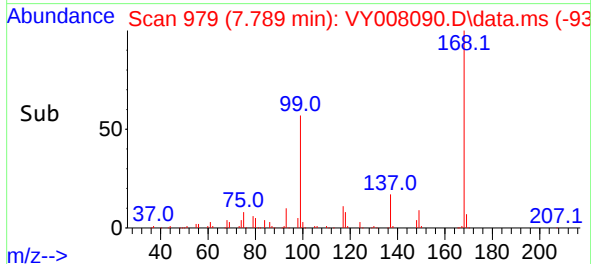
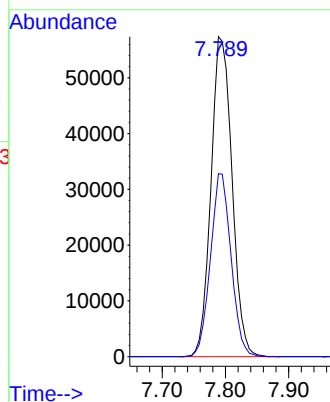


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

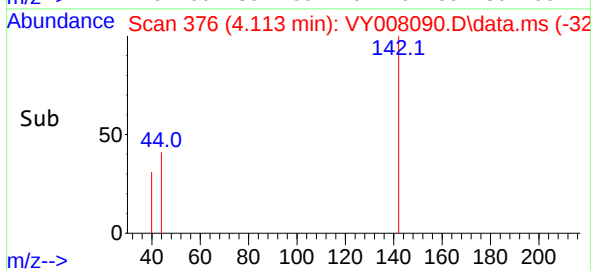
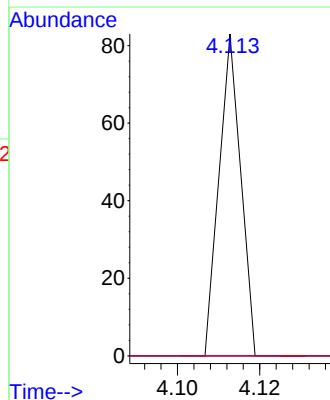
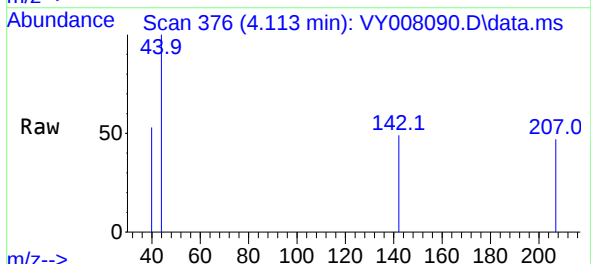


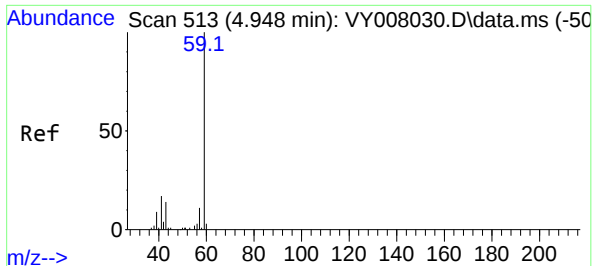
Tgt Ion:168 Resp: 132567
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.714 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Tgt Ion:142 Resp: 30
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: 1.594 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY008090.D

Acq: 29 Mar 2022 16:26

Instrument :

MSVOA_Y

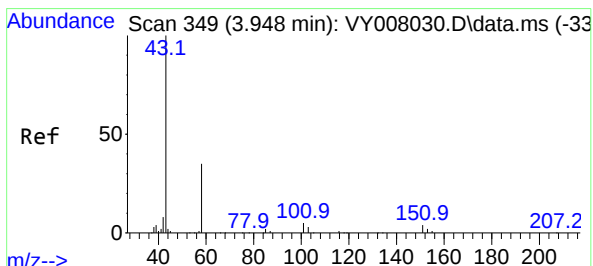
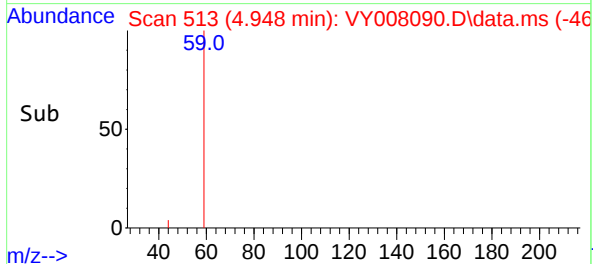
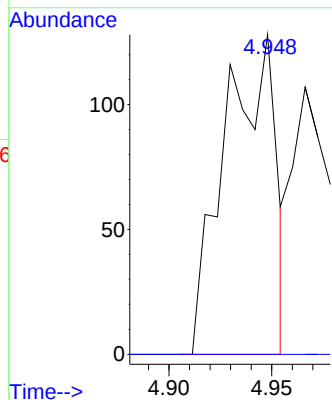
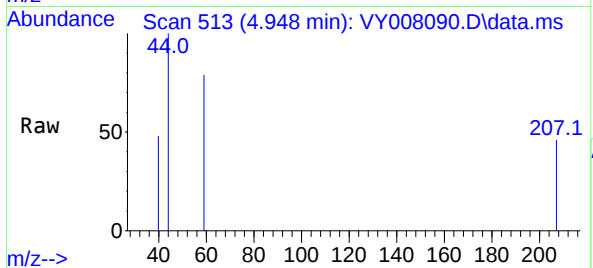
ClientSampleId :

Tgt Ion: 59 Resp: 220

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 18.233 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008090.D

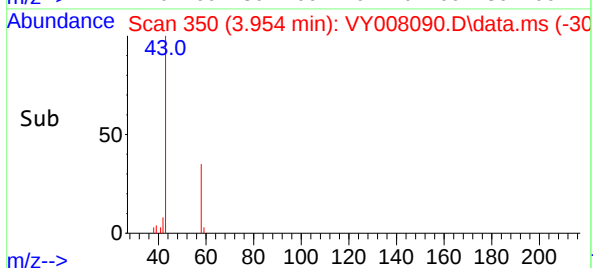
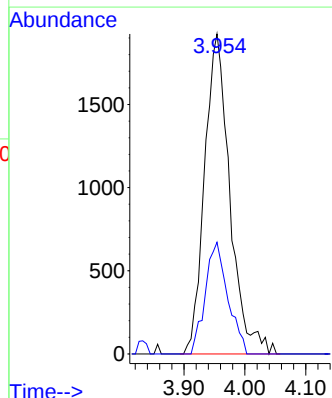
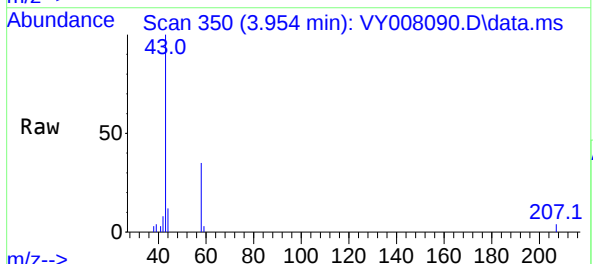
Acq: 29 Mar 2022 16:26

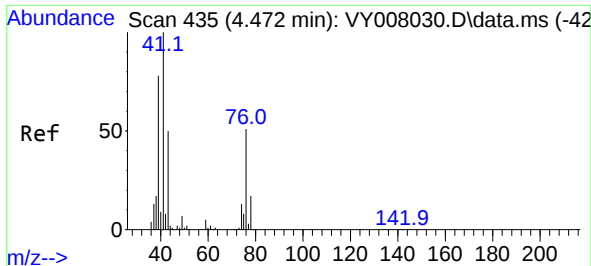
Tgt Ion: 43 Resp: 5543

Ion Ratio Lower Upper

43 100

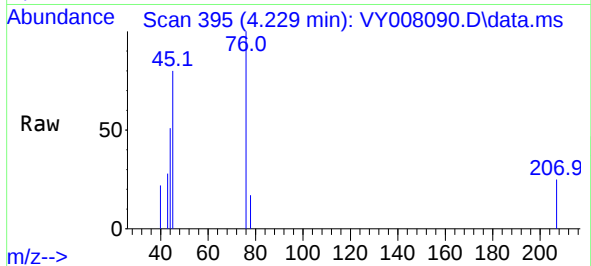
58 34.9 22.0 33.0#



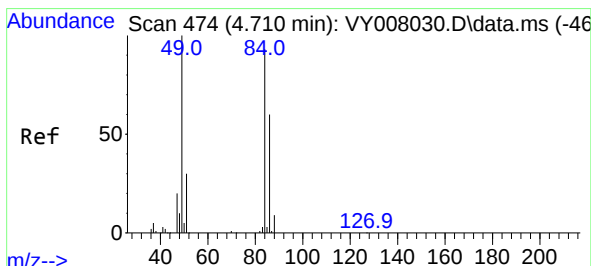
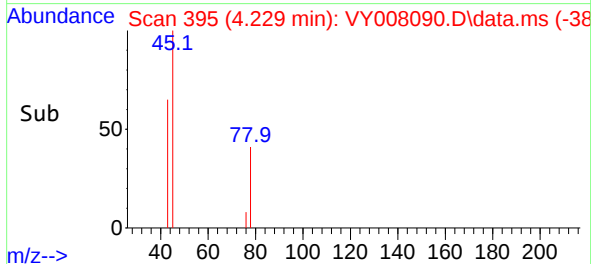
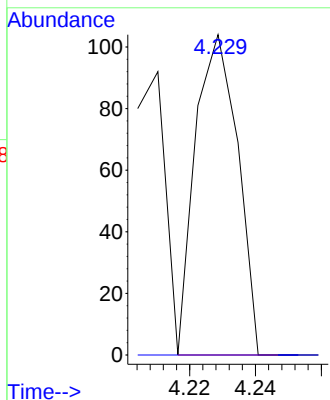


#18
Methyl Acetate
Concen: Below Cal
RT: 4.229 min Scan# 395
Delta R.T. -0.243 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

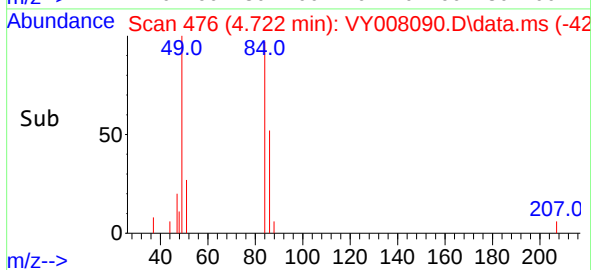
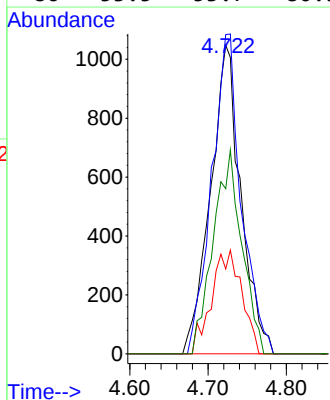
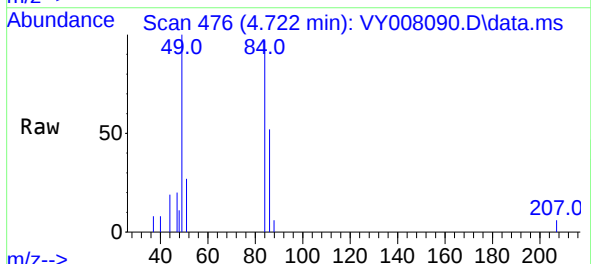


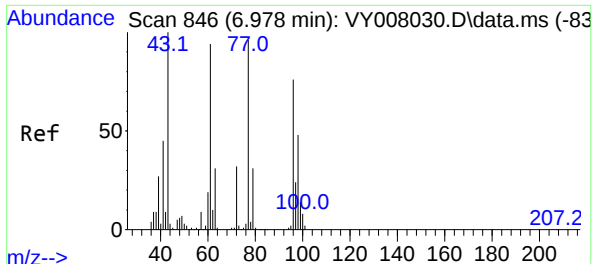
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

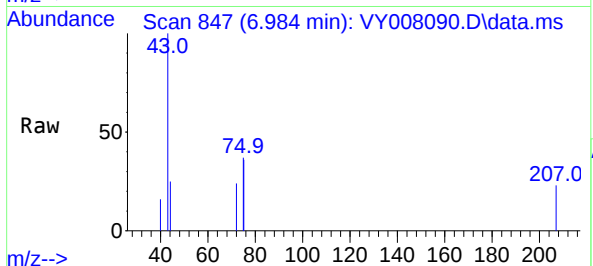
Tgt Ion: 84 Resp: 2828
Ion Ratio Lower Upper
84 100
49 103.4 114.4 171.6#
51 27.5 35.3 52.9#
86 53.5 53.7 80.5#



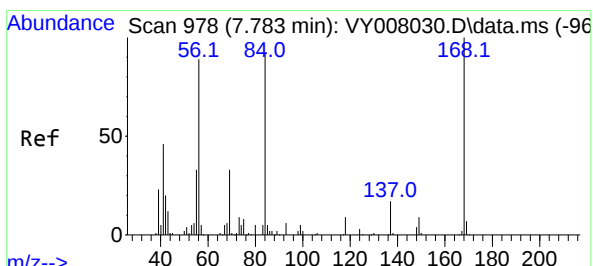
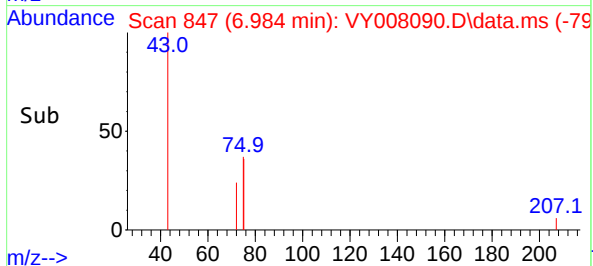
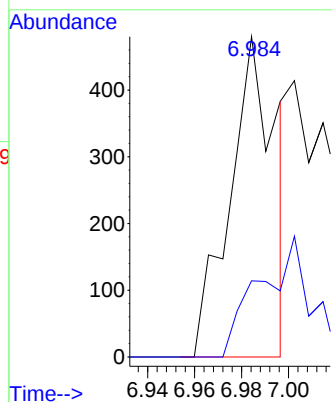


#25
2-Butanone
Concen: 1.407 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

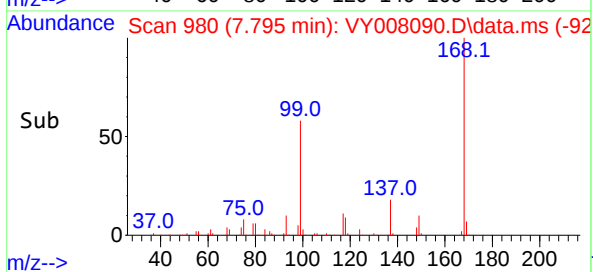
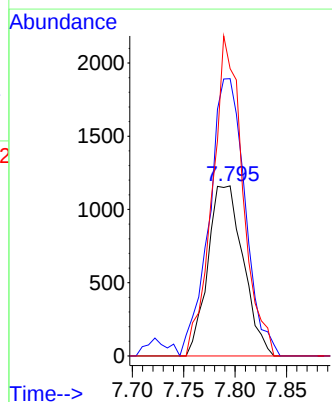
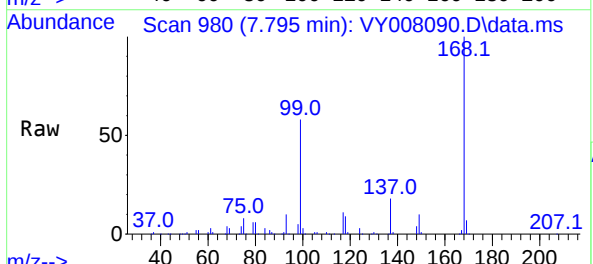


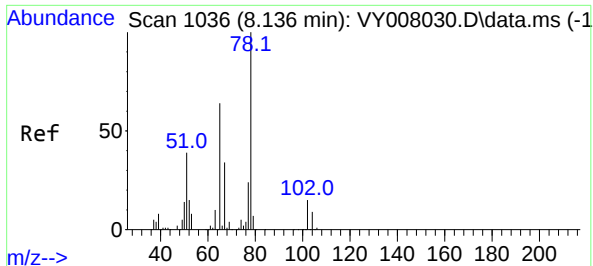
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
72 23.7 17.7 26.5



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Tgt Ion: 56 Resp: 2776
Ion Ratio Lower Upper
56 100
69 163.0 26.7 40.1#
84 169.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.572 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008090.D

Acq: 29 Mar 2022 16:26

Instrument :

MSVOA_Y

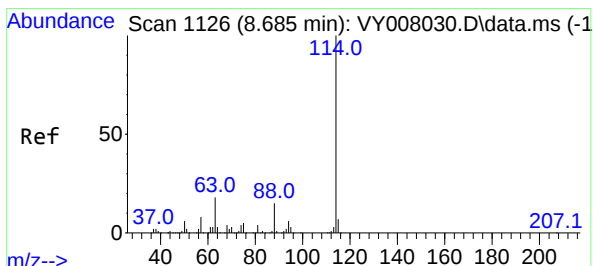
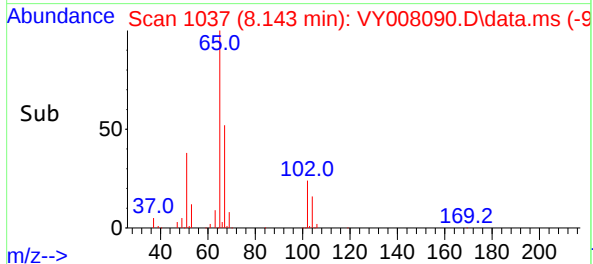
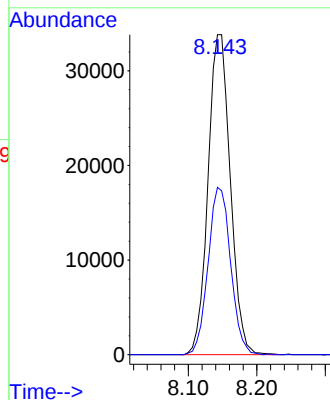
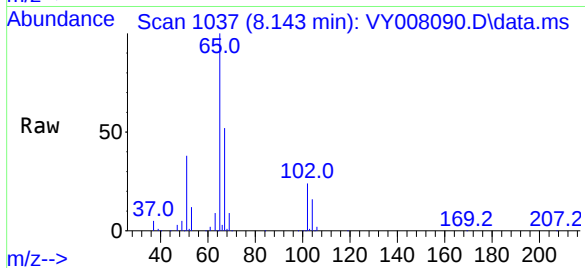
ClientSampleId :

Tgt Ion: 65 Resp: 76573

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008090.D

Acq: 29 Mar 2022 16:26

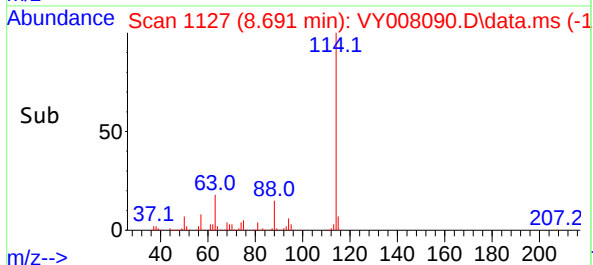
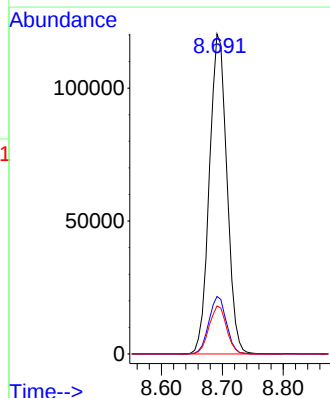
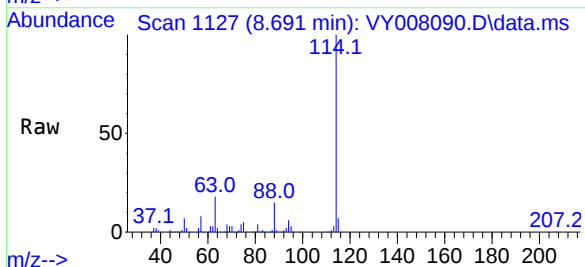
Tgt Ion:114 Resp: 240344

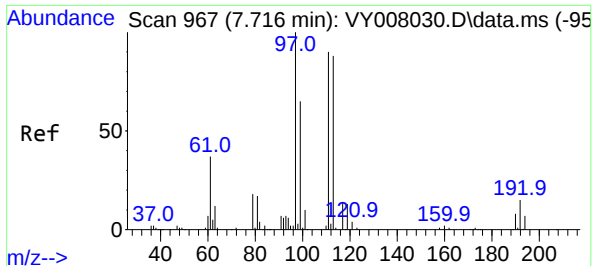
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.0 0.0 31.8

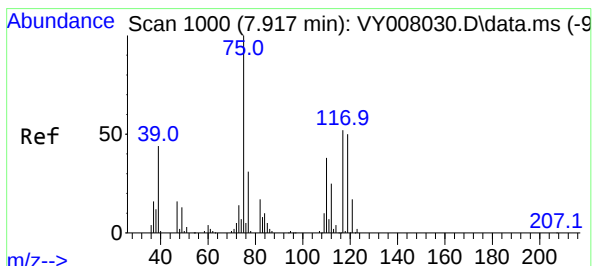
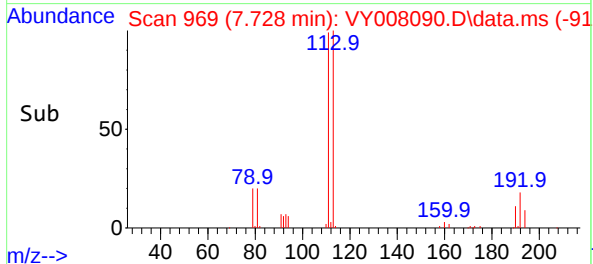
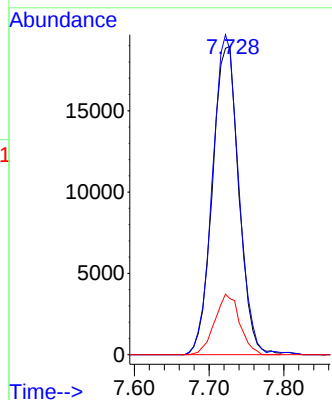
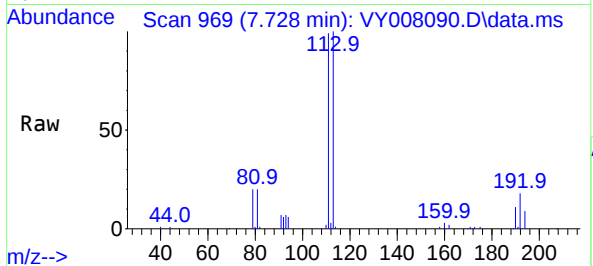




#35
Dibromofluoromethane
Concen: 30.928 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

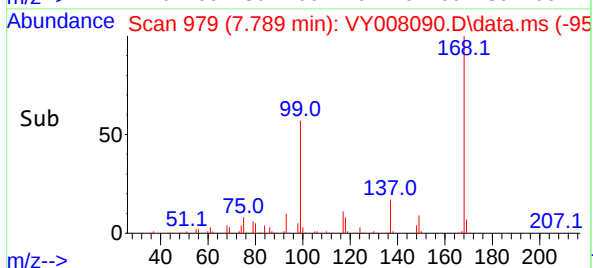
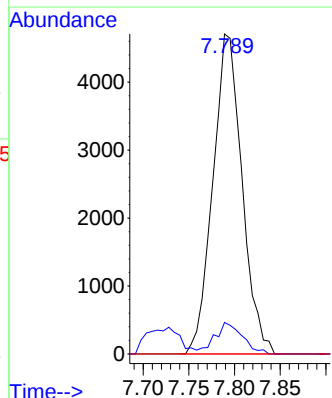
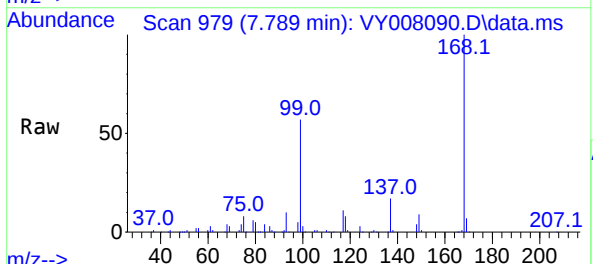
Instrument :
MSVOA_Y
ClientSampleId :

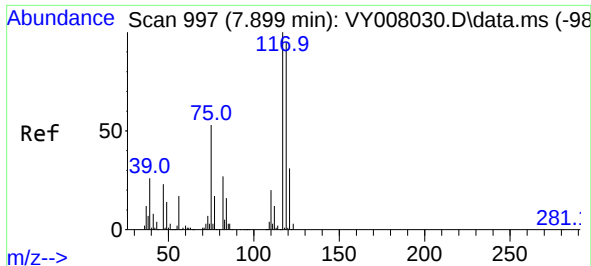
Tgt Ion:113 Resp: 46605
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

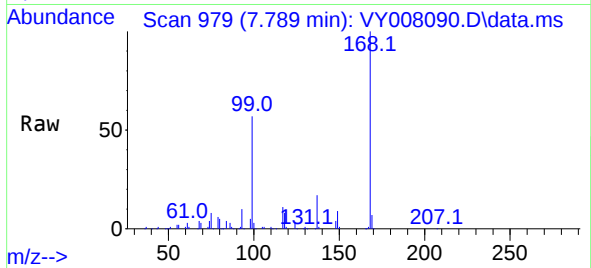
Tgt Ion: 75 Resp: 10442
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



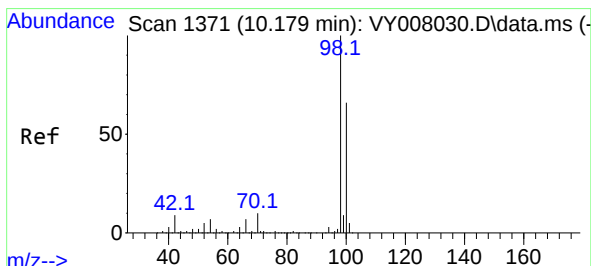
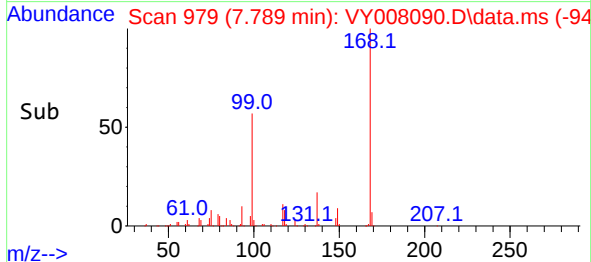
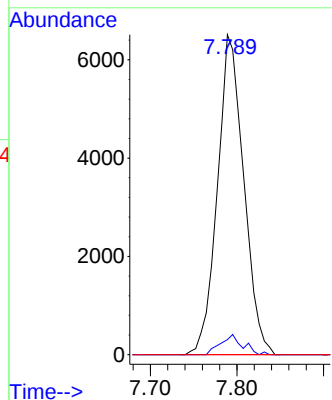


#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

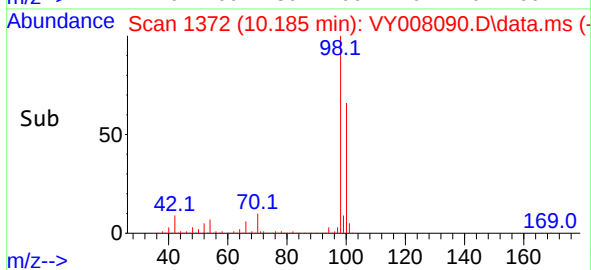
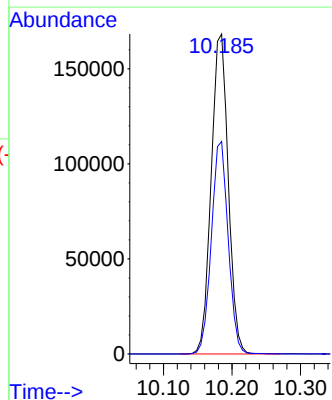
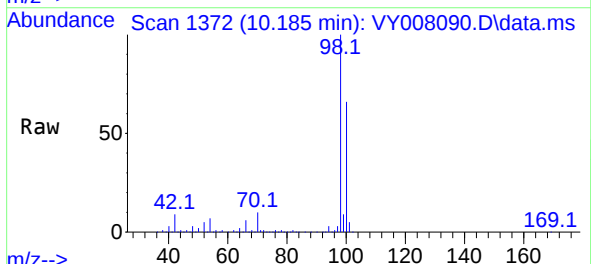


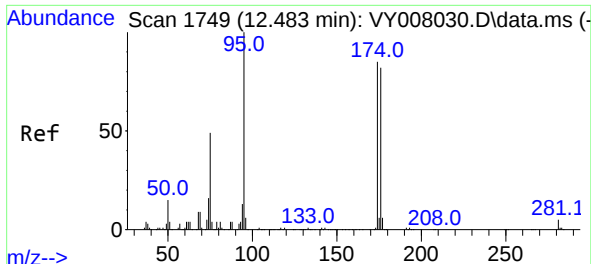
Tgt Ion:117 Resp: 13742
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Tgt Ion: 98 Resp: 291882
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

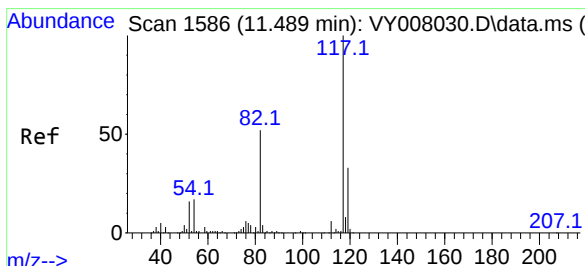
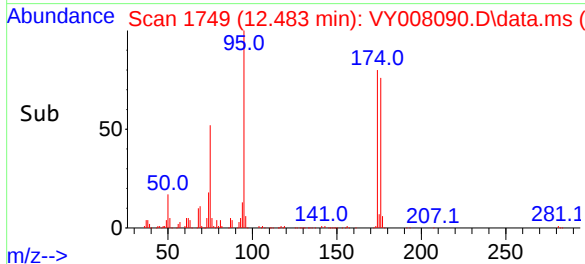
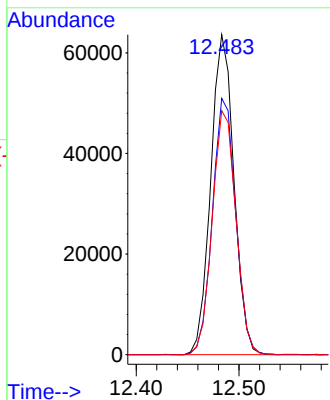
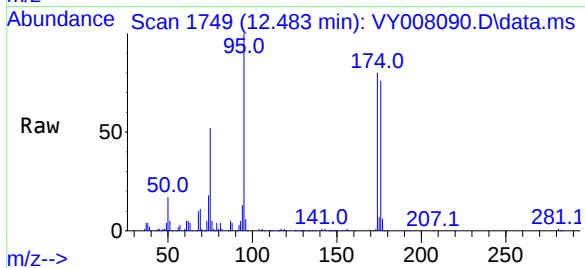




#62
4-Bromofluorobenzene
Concen: 49.768 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

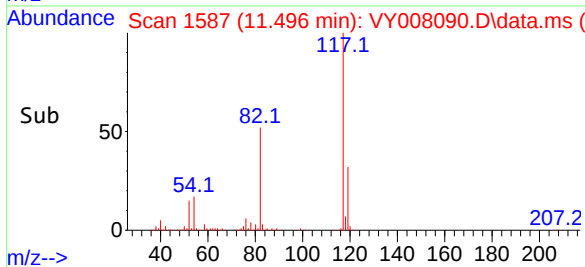
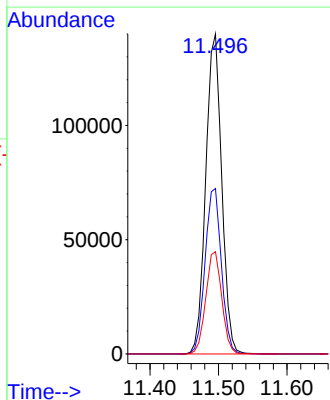
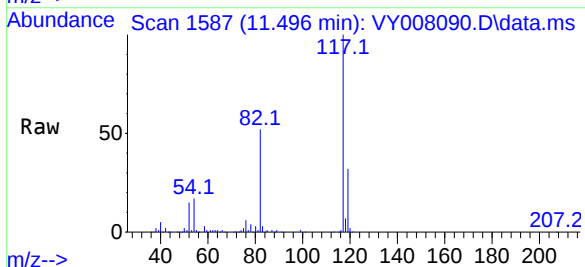
Instrument :
MSVOA_Y
ClientSampleId :

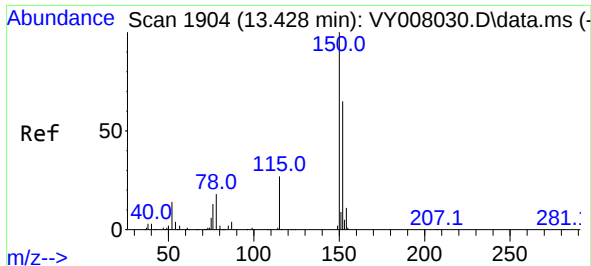
Tgt Ion: 95 Resp: 99683
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 77.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

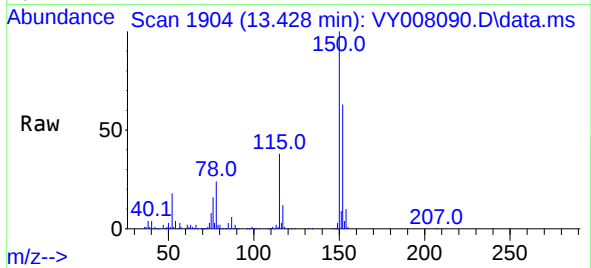
Tgt Ion: 117 Resp: 227090
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.0 25.4 38.0



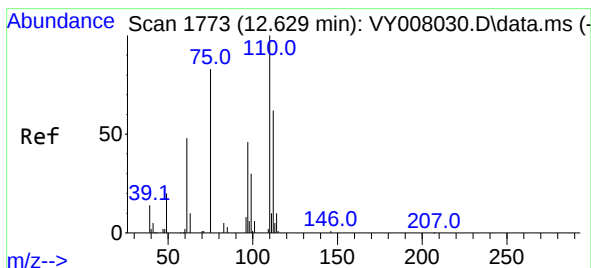
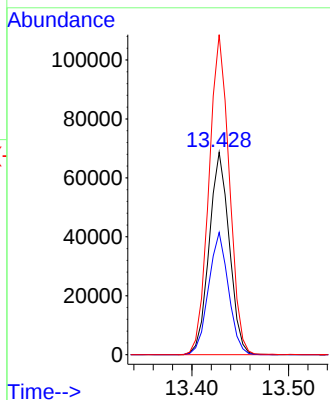
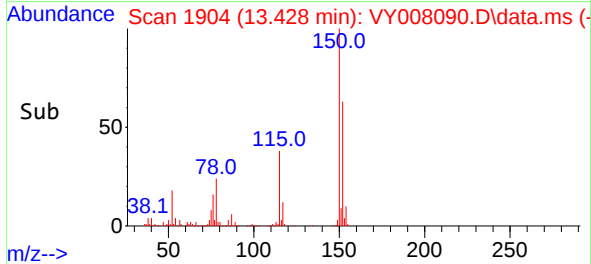


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008090.D
 Acq: 29 Mar 2022 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :

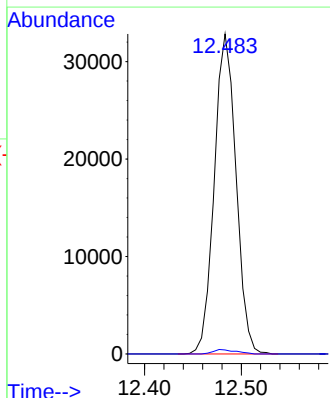
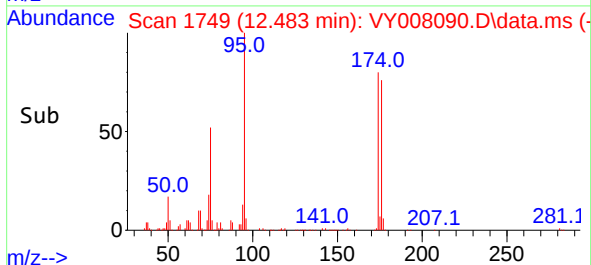
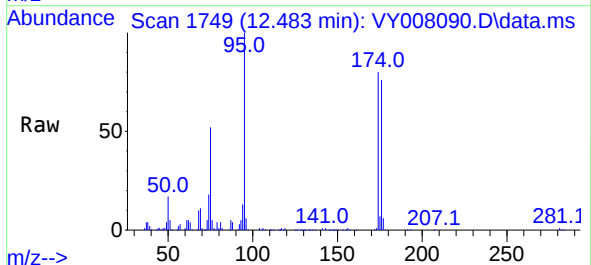


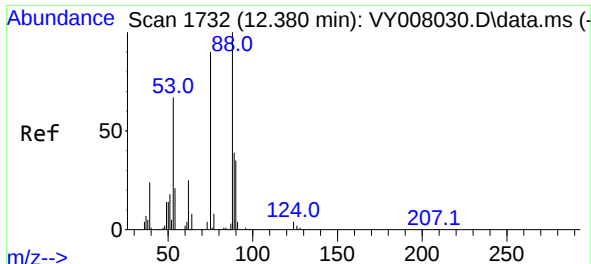
Tgt Ion:152 Resp: 99534
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.2 84.7
 150 159.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.187 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008090.D
 Acq: 29 Mar 2022 16:26

Tgt Ion: 75 Resp: 51187
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

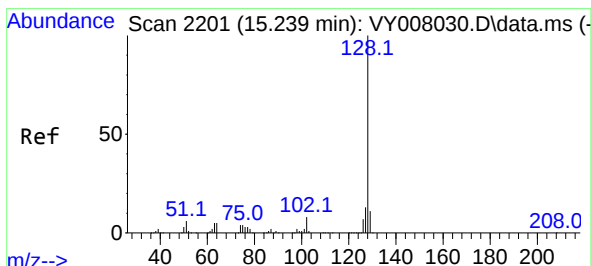
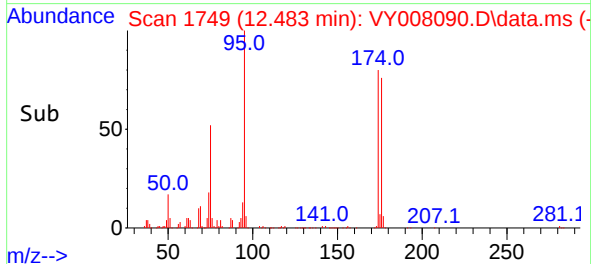
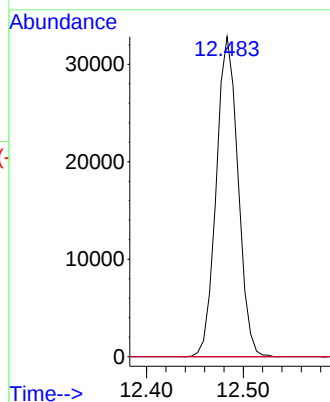
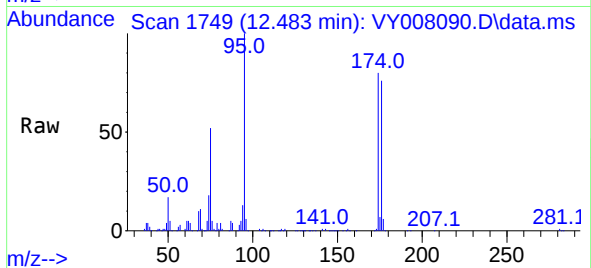




#81
trans-1,4-Dichloro-2-butene
Concen: 94.127 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51187
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 6.090 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008090.D
Acq: 29 Mar 2022 16:26

Tgt Ion:128 Resp: 26527
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.0 8.4 12.6

