

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008555.D
 Acq On : 29 Apr 2022 11:01
 Operator : KP/MD
 Sample : VY0429SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

Quant Time: Apr 29 15:33:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

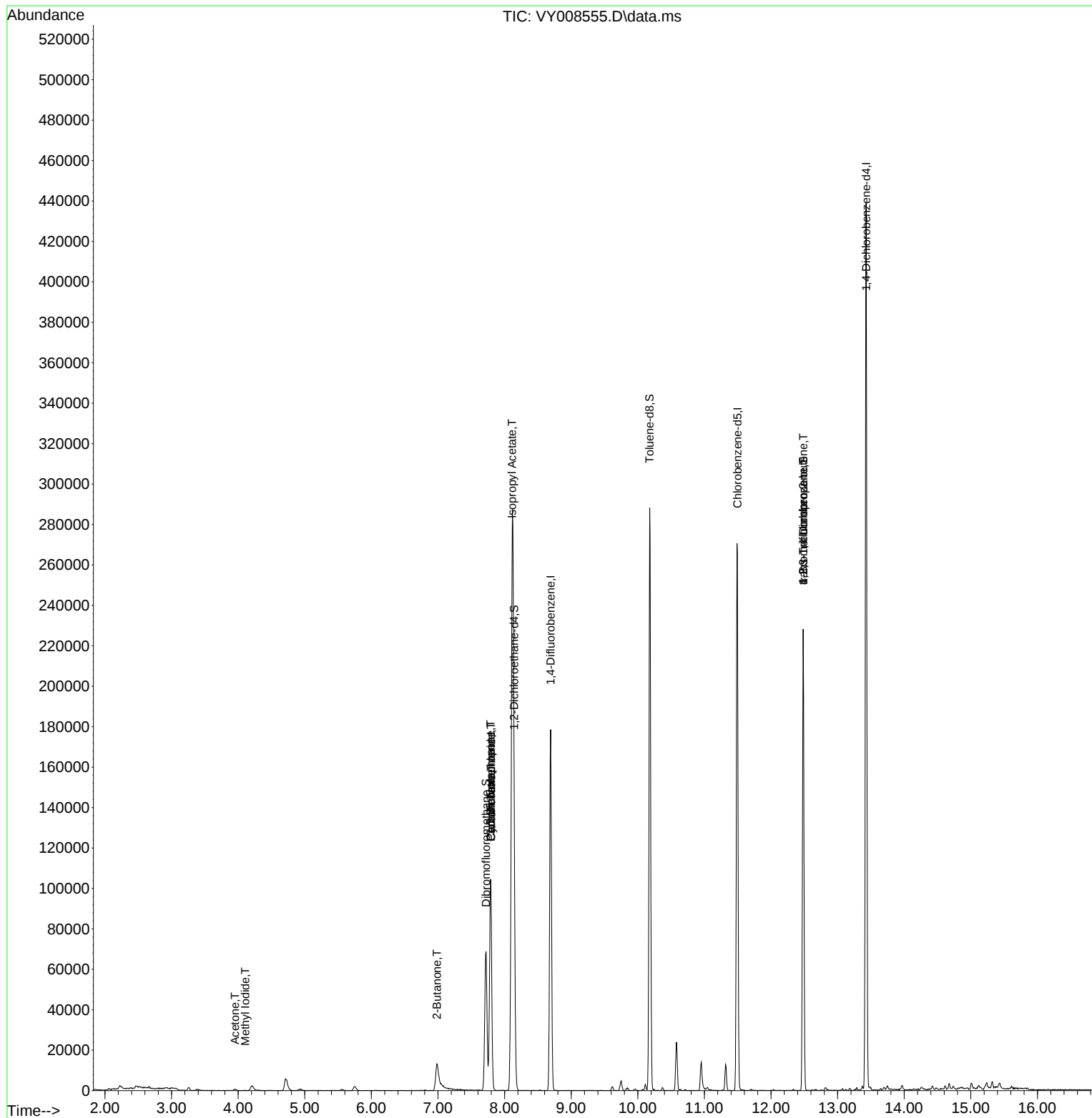
Internal Standards						
1) Pentafluorobenzene	7.795	168	82272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	154024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	152806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48907	50.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.040%	
35) Dibromofluoromethane	7.722	113	48597	48.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.780%	
50) Toluene-d8	10.179	98	189382	47.902	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.800%	
62) 4-Bromofluorobenzene	12.483	95	64304	48.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.080%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	147	1.807	ug/l #	35
11) Tert butyl alcohol	4.948	59	428	Below Cal	#	77
16) Acetone	3.954	43	1137	5.043	ug/l #	55
20) Methylene Chloride	4.710	84	4676	Below Cal	#	75
25) 2-Butanone	6.984	43	987	2.830	ug/l #	54
31) Cyclohexane	7.795	56	1715	1.078	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	6471	4.092	ug/l #	50
38) Carbon Tetrachloride	7.795	117	8302	5.053	ug/l #	15
43) Isopropyl Acetate	8.112	43	5621	3.495	ug/l #	24
76) 1,2,3-Trichloropropane	12.483	75	35669	22.623	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35669	52.483	ug/l #	7

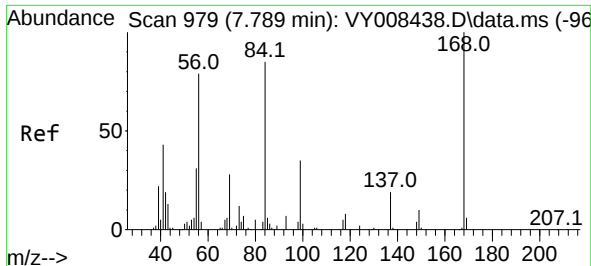
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
Data File : VY008555.D
Acq On : 29 Apr 2022 11:01
Operator : KP/MD
Sample : VY0429SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

Quant Time: Apr 29 15:33:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

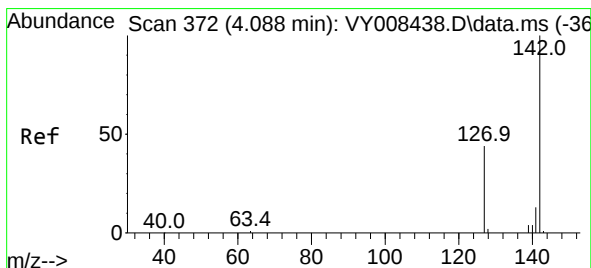
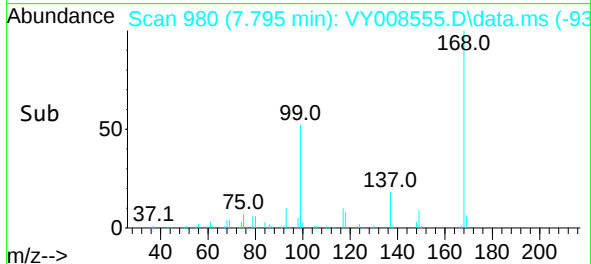
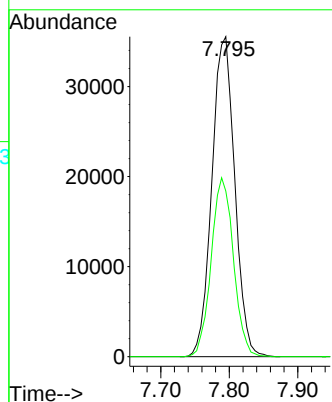
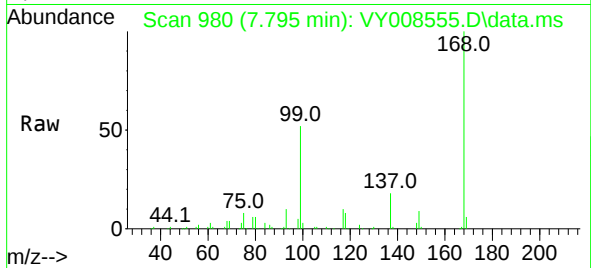




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

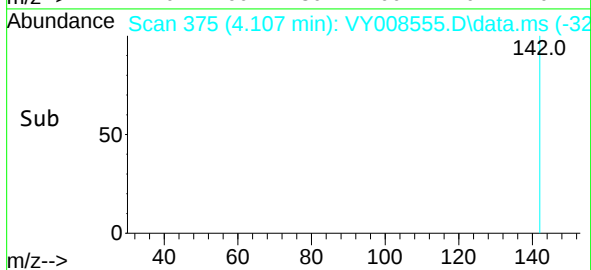
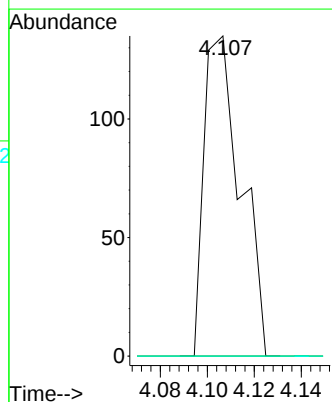
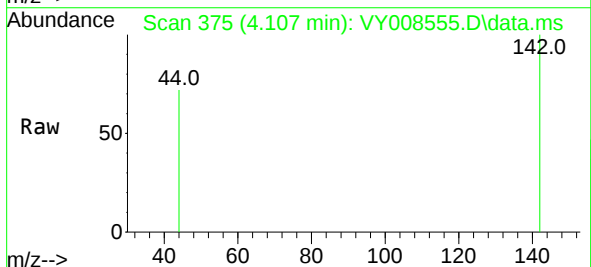
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

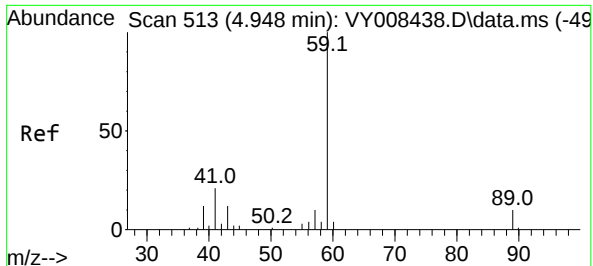
Tgt Ion:168 Resp: 82272
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.807 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

Tgt Ion:142 Resp: 147
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: Below Cal

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY008555.D

Acq: 29 Apr 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

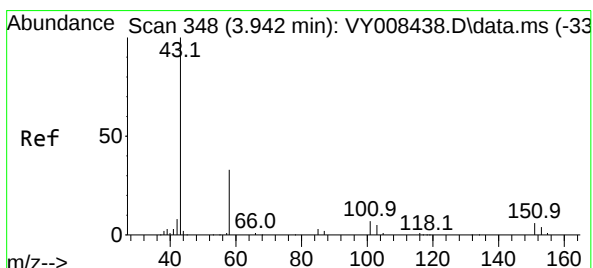
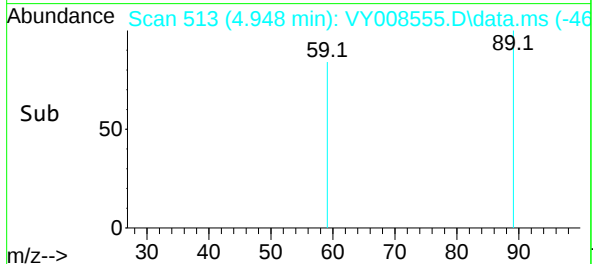
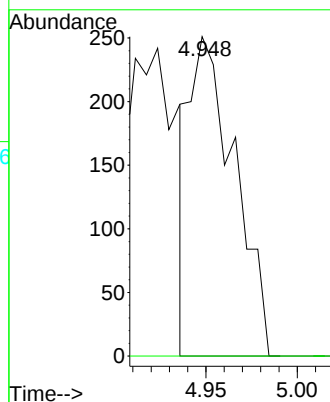
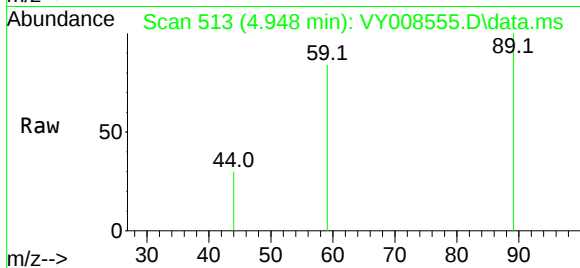
VY0429SBL01

Tgt Ion: 59 Resp: 428

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.043 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY008555.D

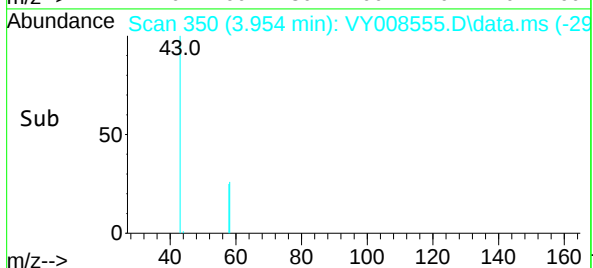
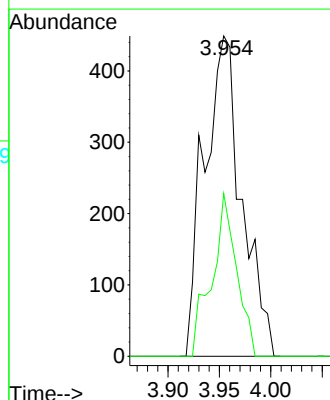
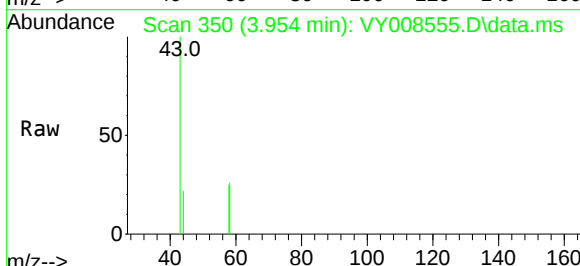
Acq: 29 Apr 2022 11:01

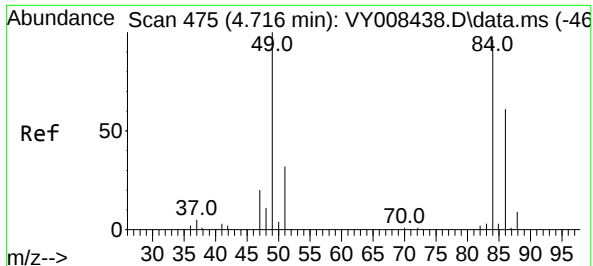
Tgt Ion: 43 Resp: 1137

Ion Ratio Lower Upper

43 100

58 50.8 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008555.D

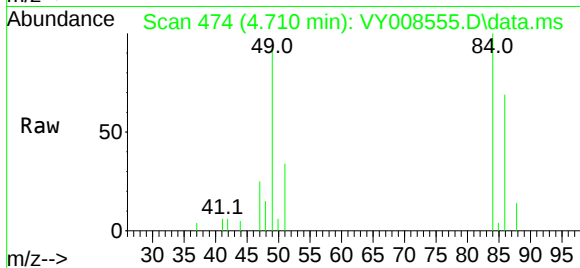
Acq: 29 Apr 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBL01



Tgt Ion: 84 Resp: 4676

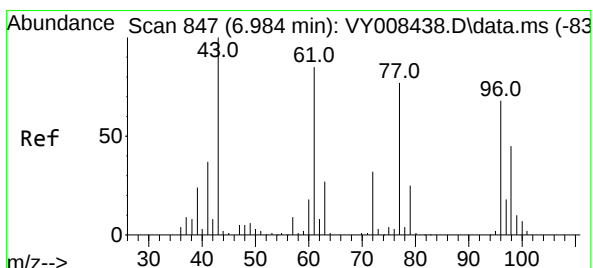
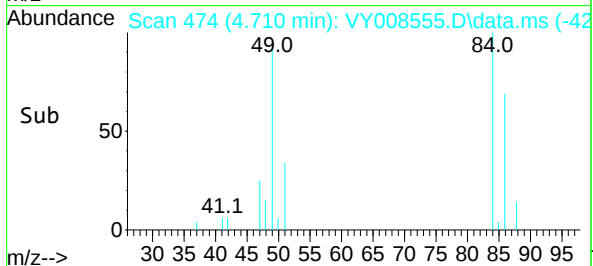
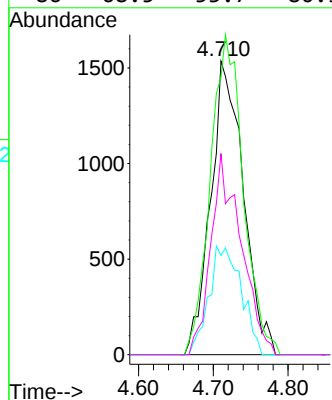
Ion Ratio Lower Upper

84 100

49 94.5 114.4 171.6#

51 33.8 35.3 52.9#

86 68.5 53.7 80.5



#25

2-Butanone

Concen: 2.830 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008555.D

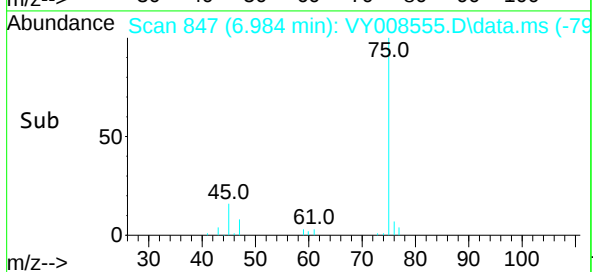
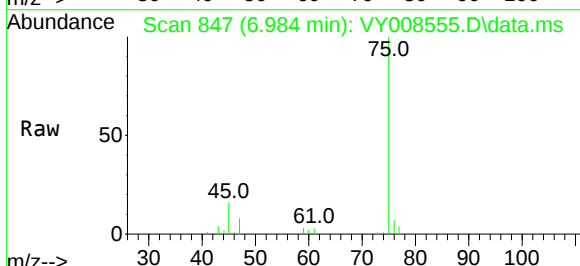
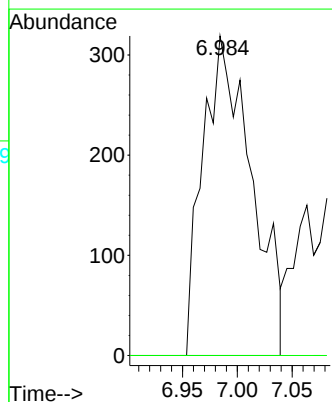
Acq: 29 Apr 2022 11:01

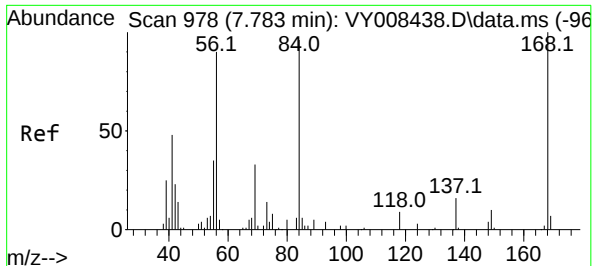
Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

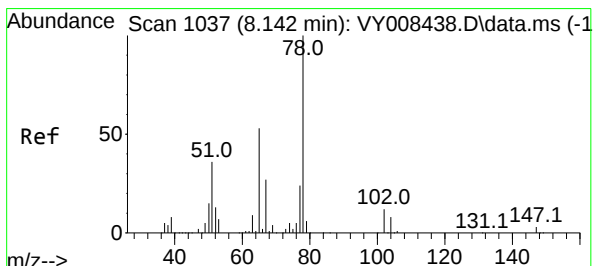
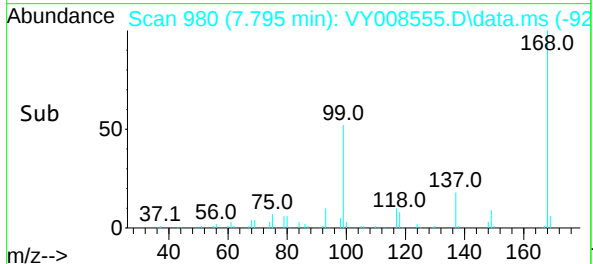
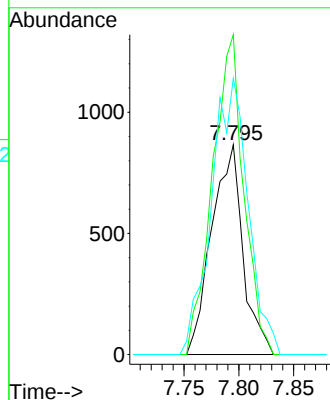
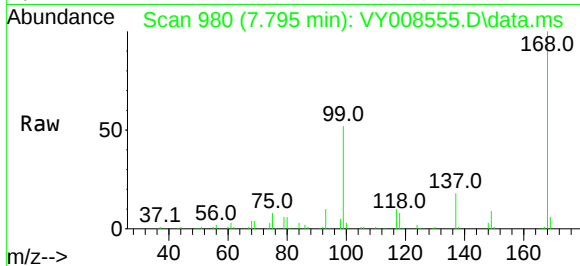




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

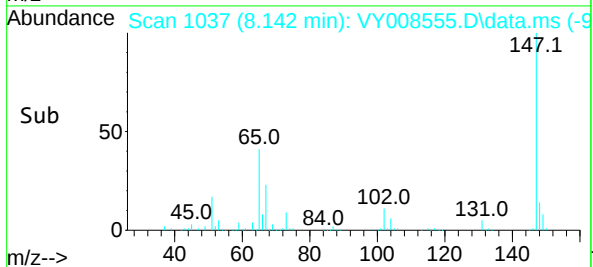
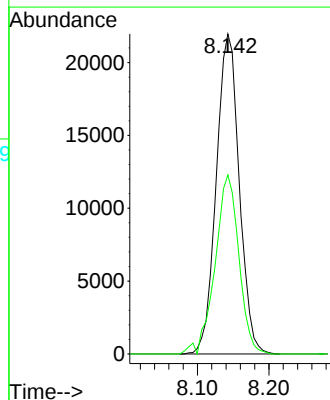
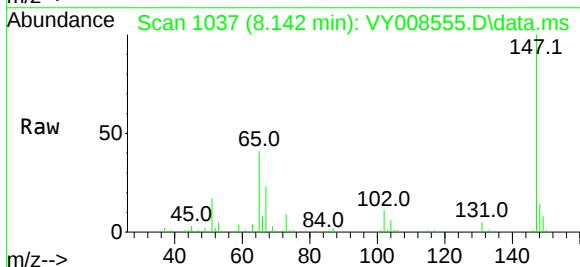
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

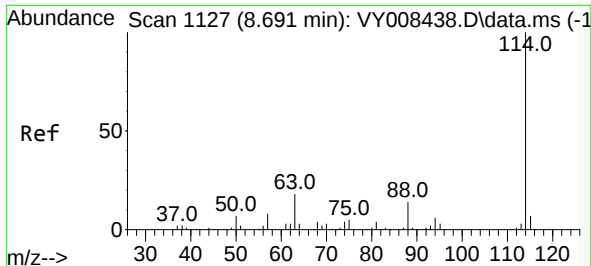
Tgt Ion: 56 Resp: 1715
Ion Ratio Lower Upper
56 100
69 152.4 26.7 40.1#
84 131.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.522 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

Tgt Ion: 65 Resp: 48907
Ion Ratio Lower Upper
65 100
67 58.0 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: VY008555.D

Acq: 29 Apr 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBL01

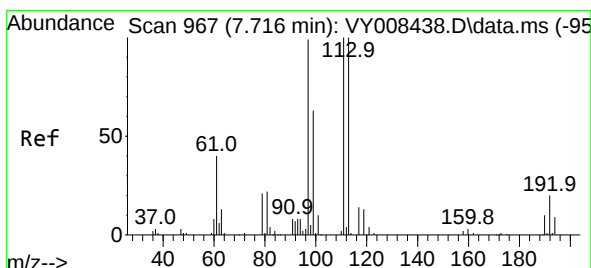
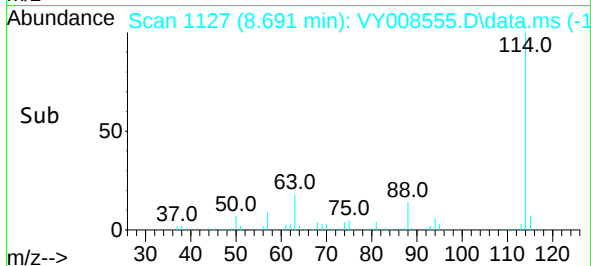
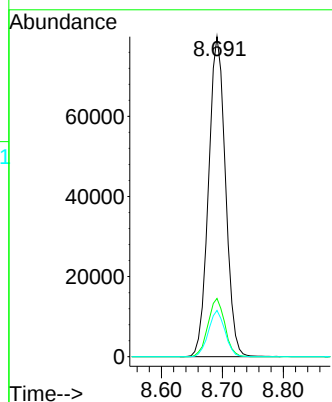
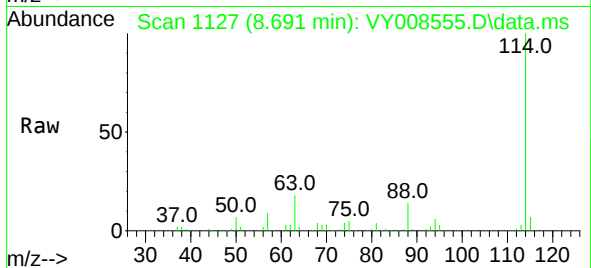
Tgt Ion:114 Resp: 154024

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.888 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008555.D

Acq: 29 Apr 2022 11:01

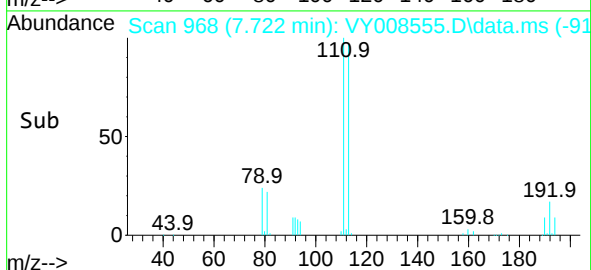
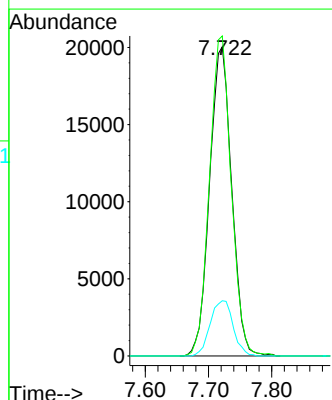
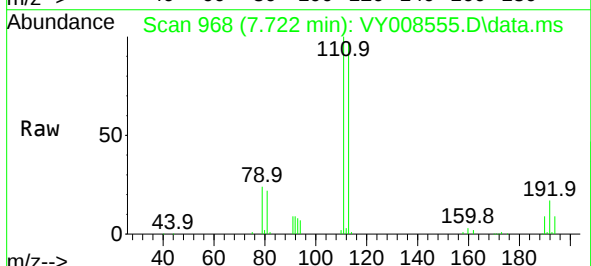
Tgt Ion:113 Resp: 48597

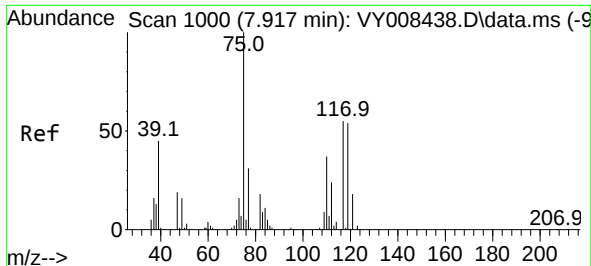
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 18.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.092 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008555.D

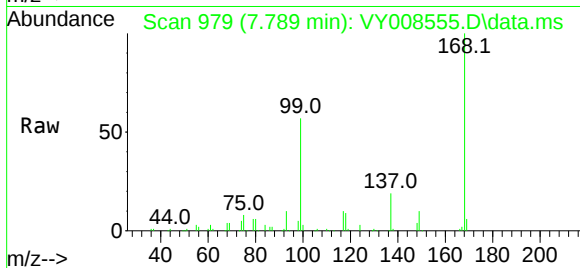
Acq: 29 Apr 2022 11:01

Instrument :

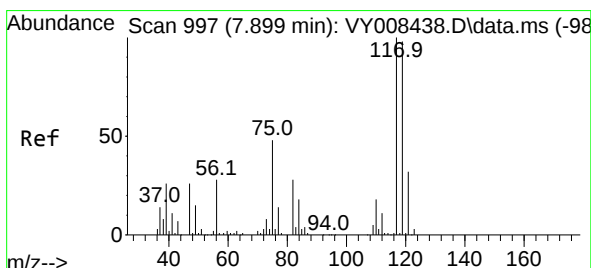
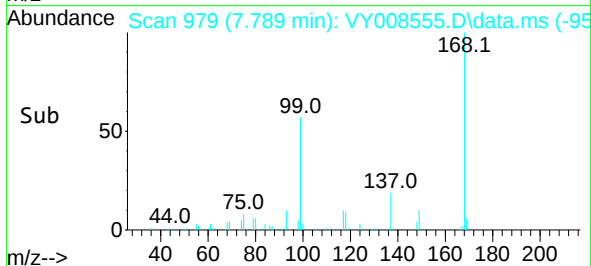
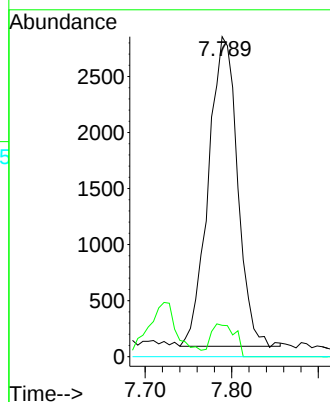
MSVOA_Y

ClientSampleId :

VY0429SBL01



Tgt Ion: 75	Resp: 6471
Ion Ratio	Lower Upper
75	100
110	8.8 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.053 ug/l

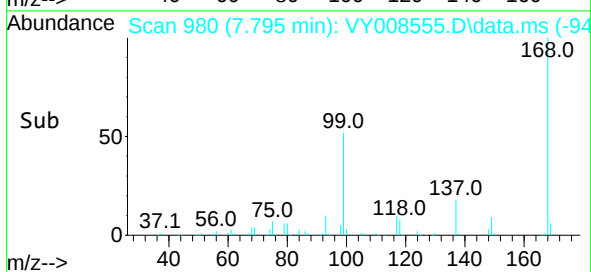
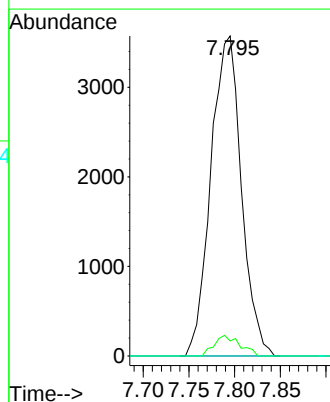
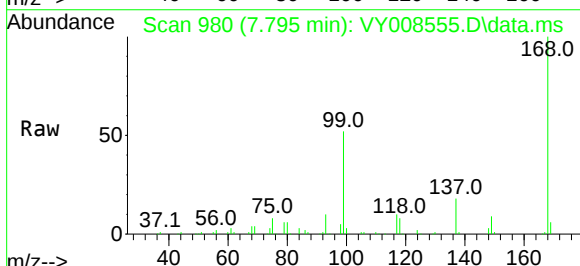
RT: 7.795 min Scan# 980

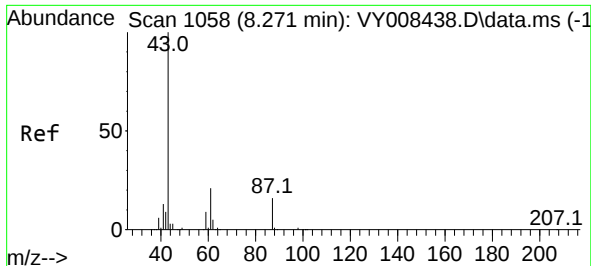
Delta R.T. -0.104 min

Lab File: VY008555.D

Acq: 29 Apr 2022 11:01

Tgt Ion: 117	Resp: 8302
Ion Ratio	Lower Upper
117	100
119	4.7 77.9 116.9#
121	0.0 24.8 37.2#

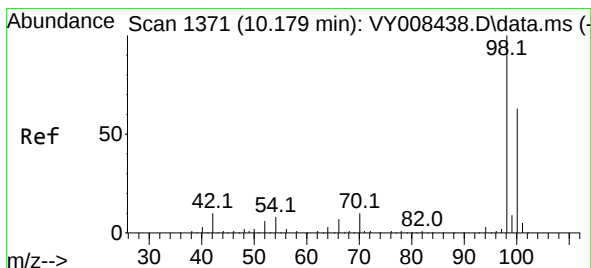
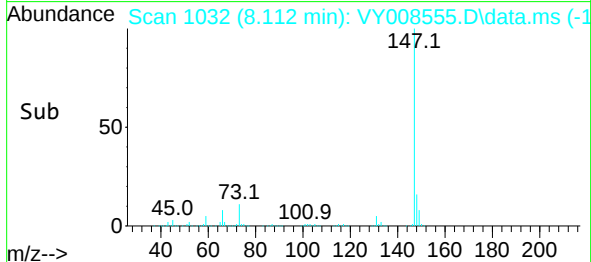
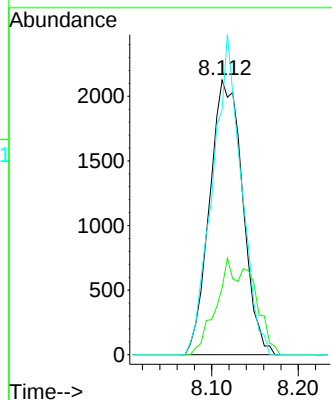
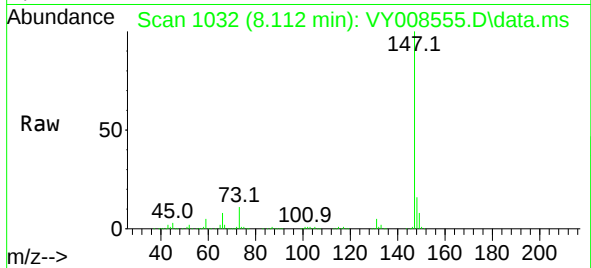




#43
Isopropyl Acetate
Concen: 3.495 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.159 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

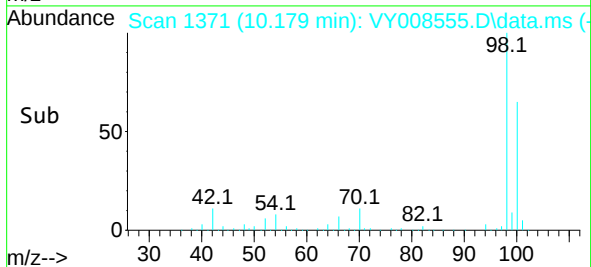
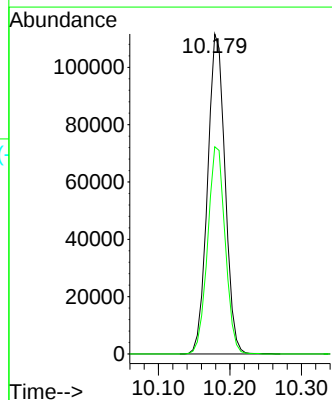
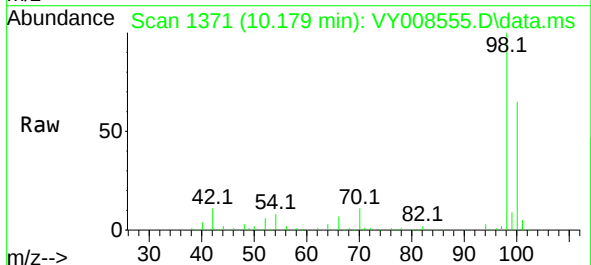
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

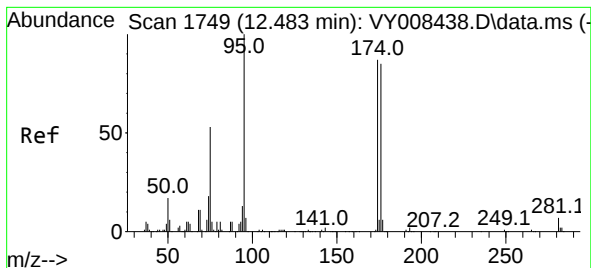
Tgt Ion: 43 Resp: 5621
Ion Ratio Lower Upper
43 100
61 22.6 20.2 30.2
87 101.5 8.9 13.3#



#50
Toluene-d8
Concen: 47.902 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

Tgt Ion: 98 Resp: 189382
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

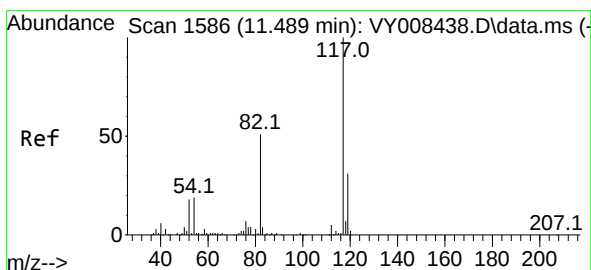
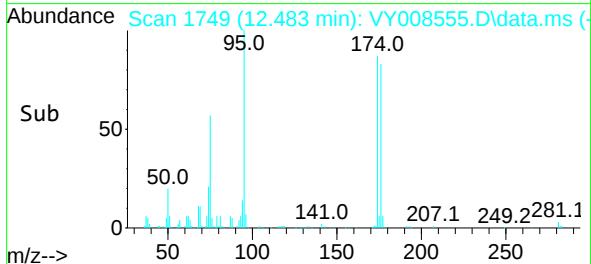
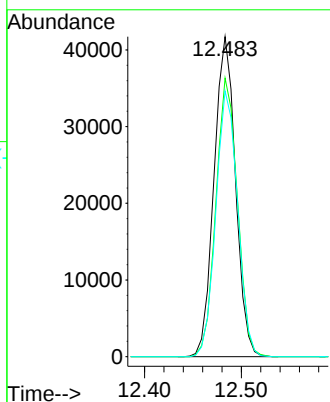
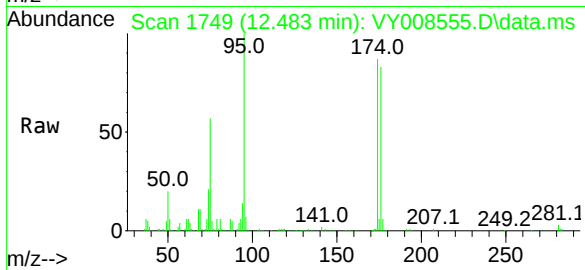




#62
4-Bromofluorobenzene
Concen: 48.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

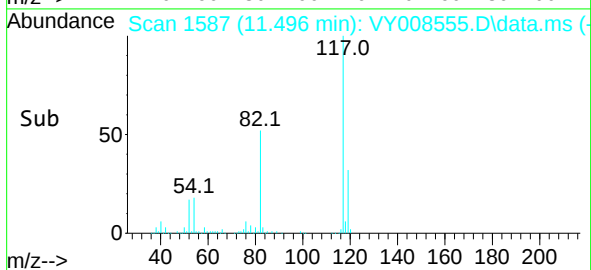
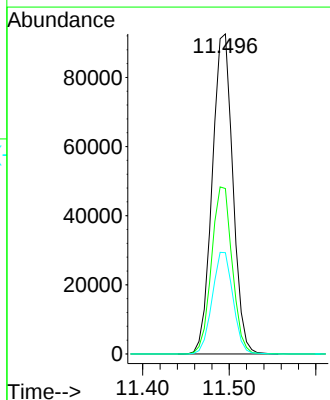
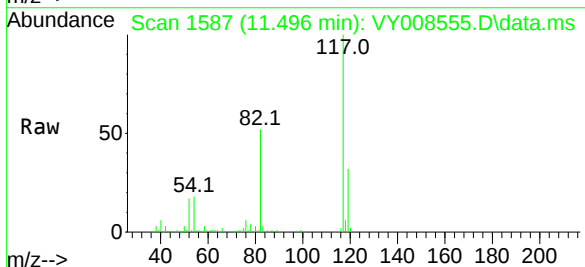
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

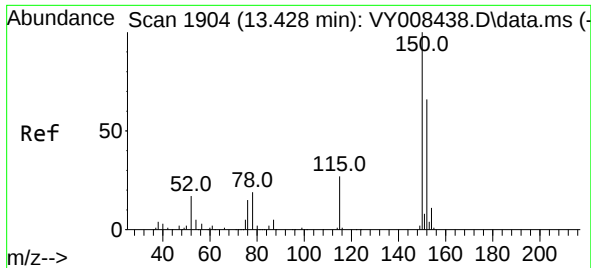
Tgt Ion: 95 Resp: 64304
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 84.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008555.D
Acq: 29 Apr 2022 11:01

Tgt Ion: 117 Resp: 152806
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.6 25.4 38.0

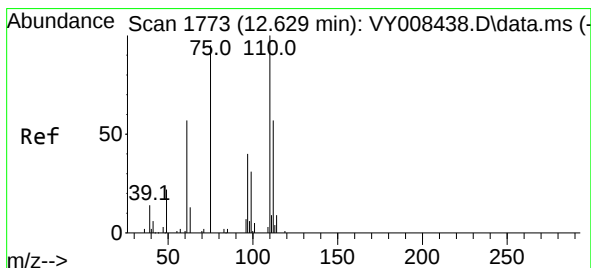
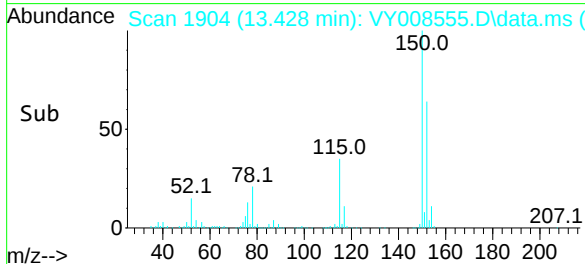
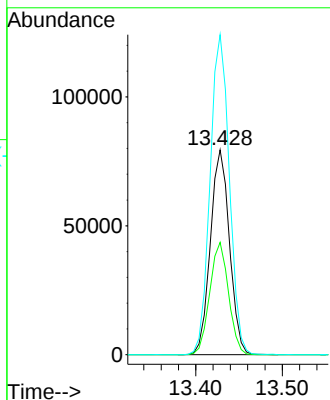
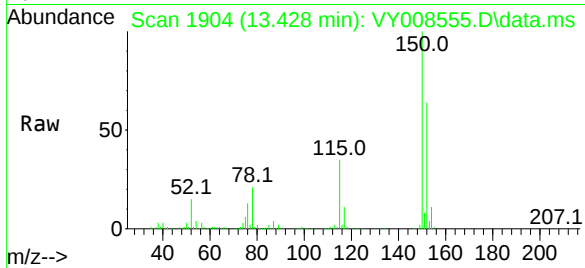




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008555.D
 Acq: 29 Apr 2022 11:01

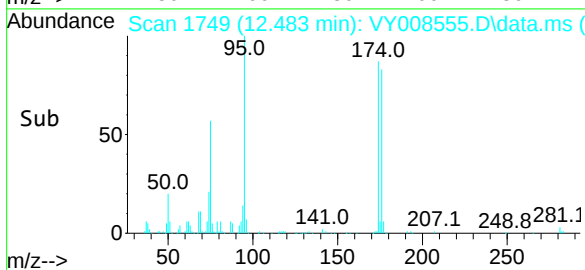
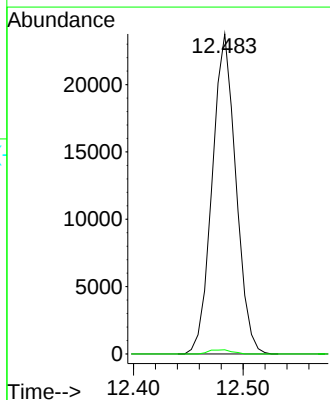
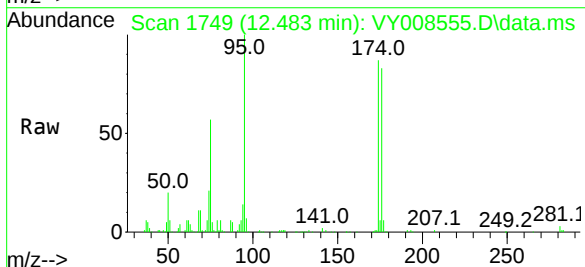
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

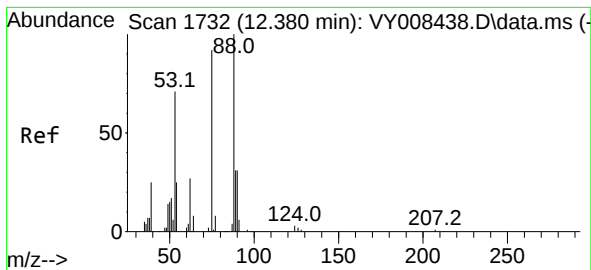
Tgt Ion:152 Resp: 121828
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.623 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008555.D
 Acq: 29 Apr 2022 11:01

Tgt Ion: 75 Resp: 35669
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.483 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008555.D
 Acq: 29 Apr 2022 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

Tgt Ion: 75 Resp: 35669
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

