

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008089.D
 Acq On : 29 Mar 2022 16:02
 Operator : SY/MD
 Sample : N2155-04
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:00:30 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)

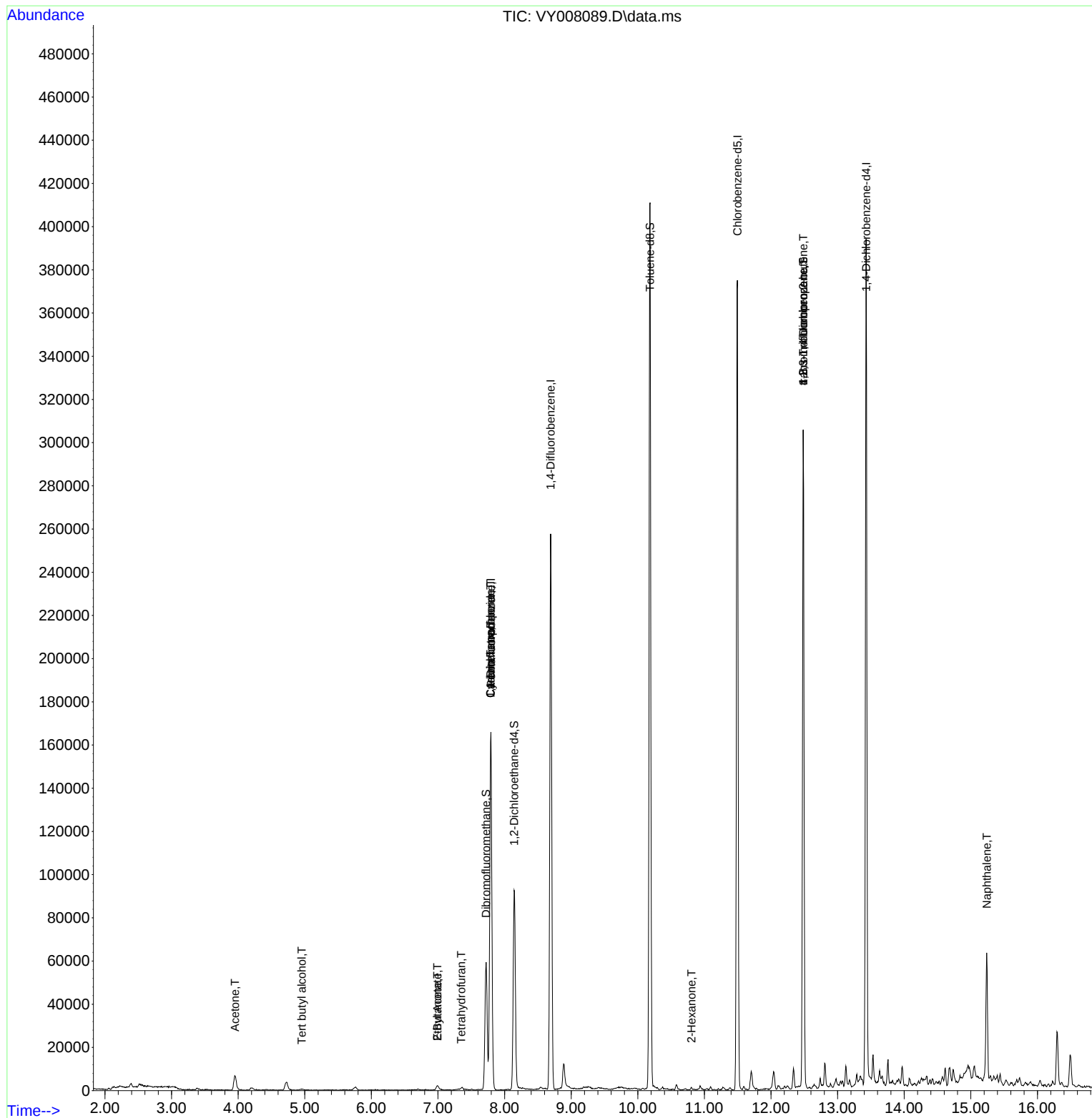
Internal Standards						
1) Pentafluorobenzene	7.795	168	126860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71374	56.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.160%	
35) Dibromofluoromethane	7.722	113	42742	29.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 58.720%	
50) Toluene-d8	10.185	98	282397	51.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.483	95	96112	49.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1132	8.572	ug/l #	77
16) Acetone	3.954	43	11900	40.904	ug/l #	88
18) Methyl Acetate	4.515	43	20	Below Cal	#	56
20) Methylene Chloride	4.728	84	3135	Below Cal	#	82
25) 2-Butanone	6.990	43	2938	6.636	ug/l	93
29) Tetrahydrofuran	7.350	42	309	1.074	ug/l #	50
31) Cyclohexane	7.789	56	2521	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9849	4.306	ug/l #	51
37) Ethyl Acetate	6.990	43	2938	2.750	ug/l #	72
38) Carbon Tetrachloride	7.789	117	12878	5.167	ug/l #	17
59) 2-Hexanone	10.807	43	942	1.273	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	49826	41.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49826	93.447	ug/l #	7
95) Naphthalene	15.239	128	49935	11.693	ug/l	98

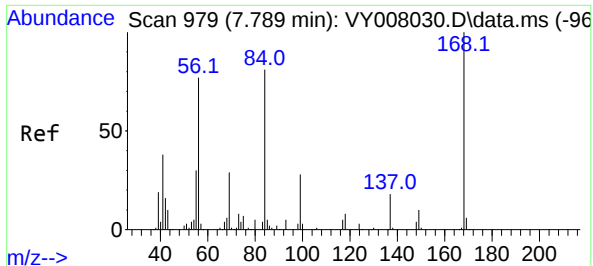
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008089.D
Acq On : 29 Mar 2022 16:02
Operator : SY/MD
Sample : N2155-04
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 30 04:00:30 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

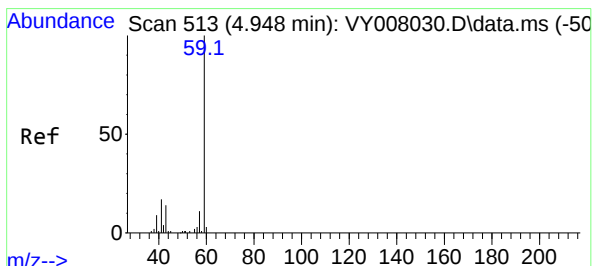
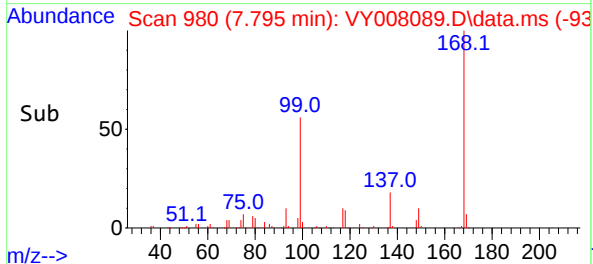
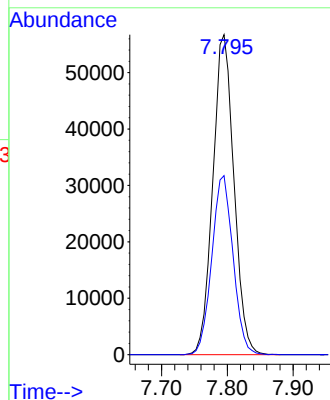
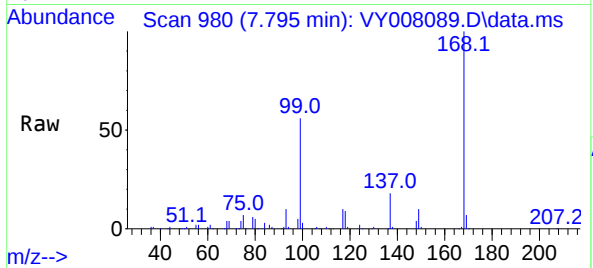




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

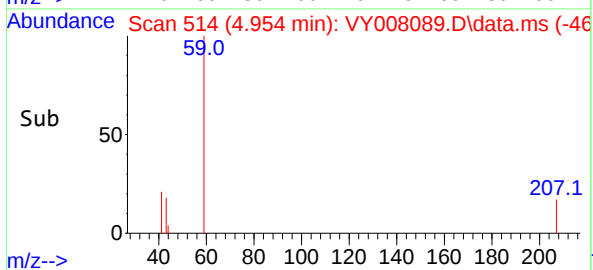
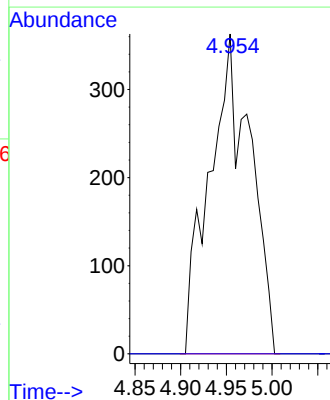
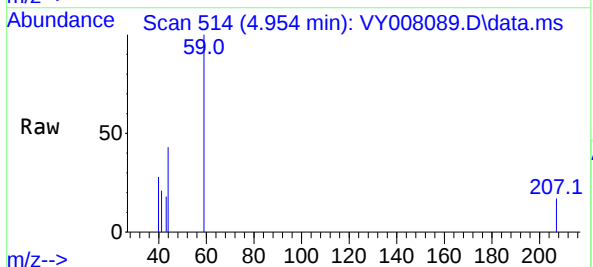
Instrument :
MSVOA_Y
ClientSampleId :

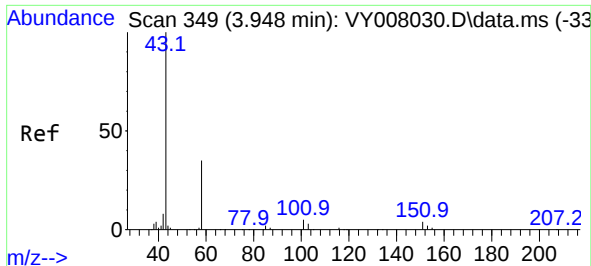
Tgt Ion:168 Resp: 126860
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 8.572 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

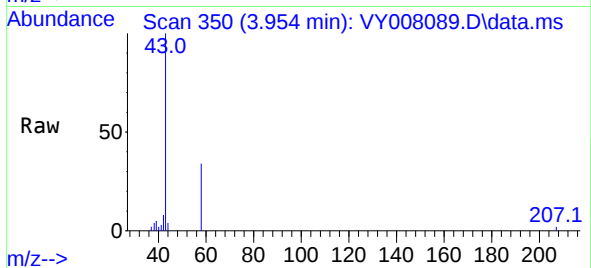
Tgt Ion: 59 Resp: 1132
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



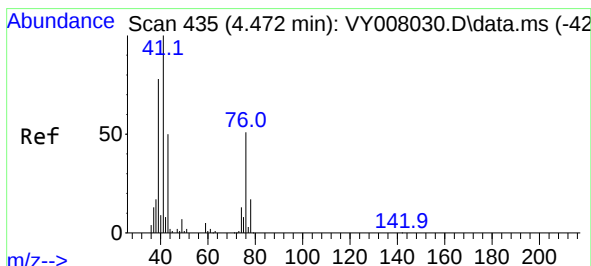
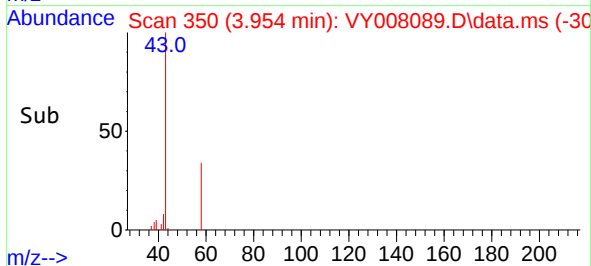
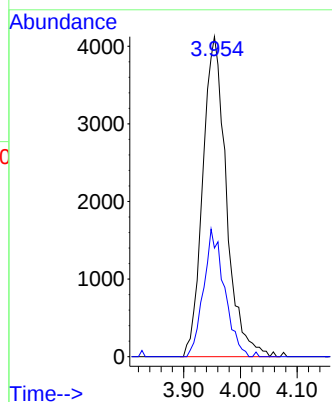


#16
Acetone
Concen: 40.904 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

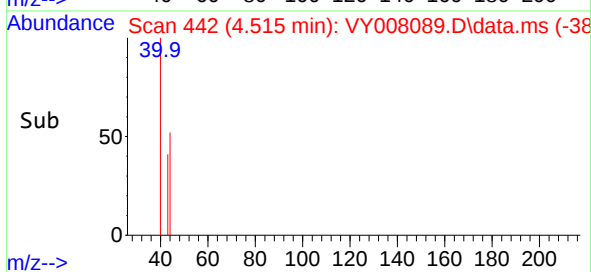
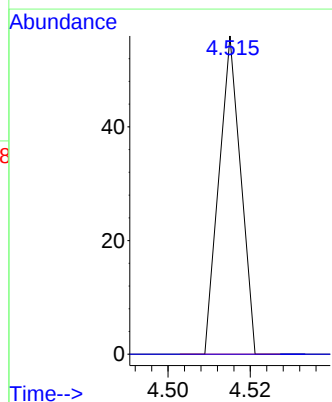
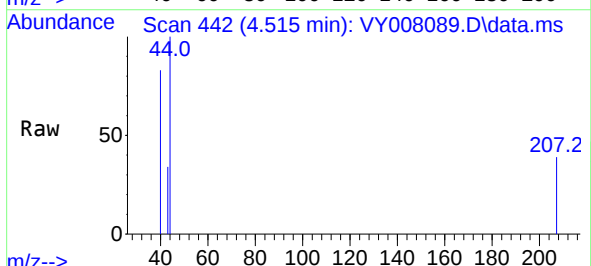


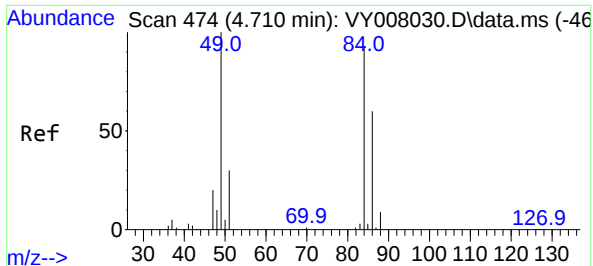
Tgt Ion: 43 Resp: 11900
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.515 min Scan# 442
Delta R.T. 0.043 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 41

Delta R.T. 0.018 min

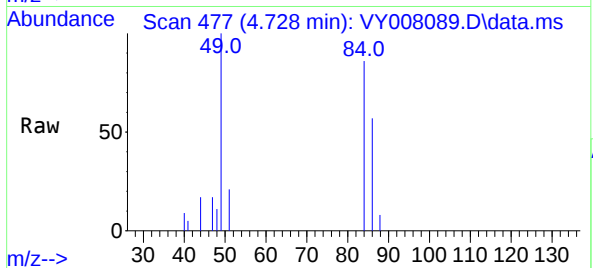
Lab File: VY008089.D

Acq: 29 Mar 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3135

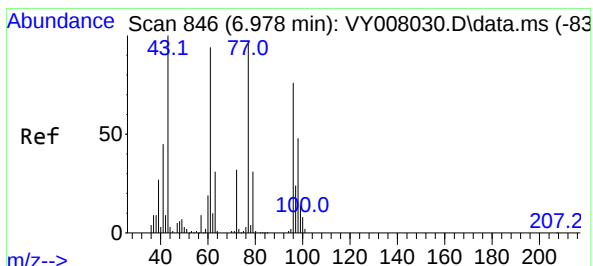
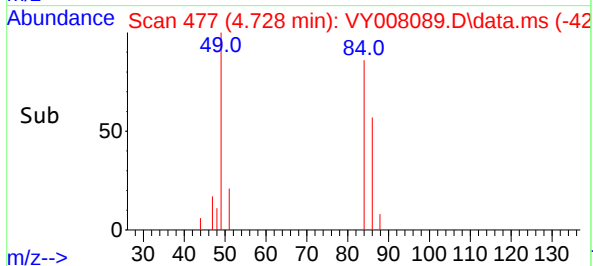
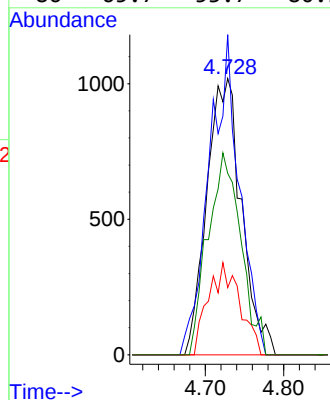
Ion Ratio Lower Upper

84 100

49 115.9 114.4 171.6

51 24.3 35.3 52.9#

86 65.7 53.7 80.5



#25

2-Butanone

Concen: 6.636 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY008089.D

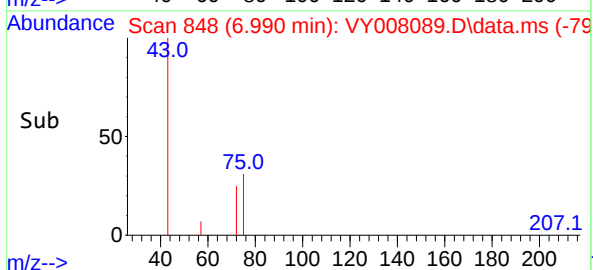
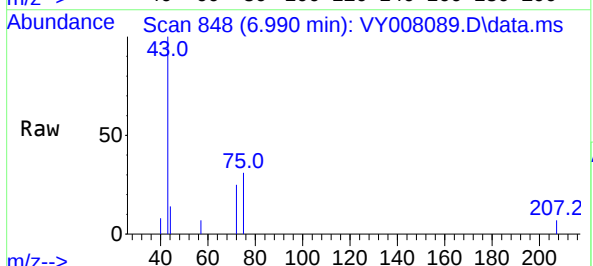
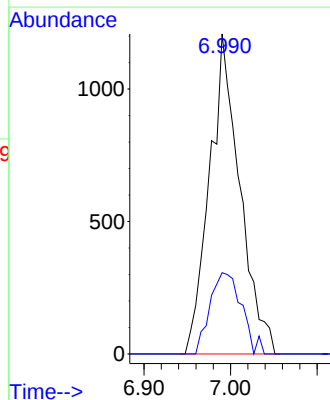
Acq: 29 Mar 2022 16:02

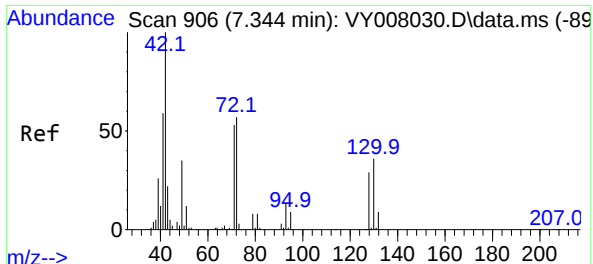
Tgt Ion: 43 Resp: 2938

Ion Ratio Lower Upper

43 100

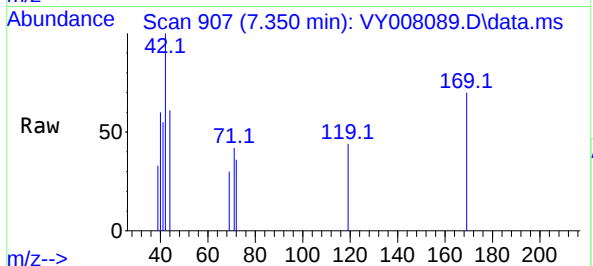
72 25.4 17.7 26.5



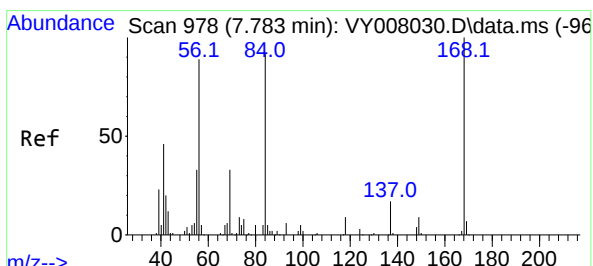
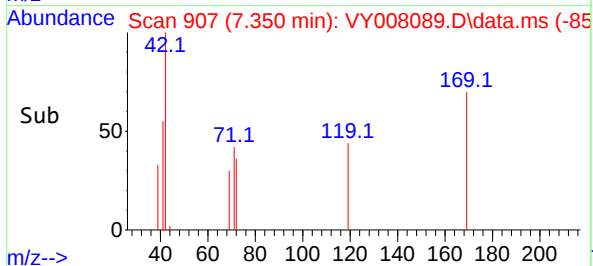
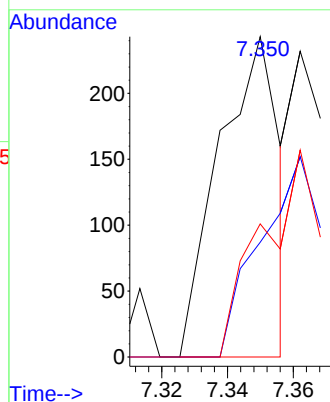


#29
Tetrahydrofuran
Concen: 1.074 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

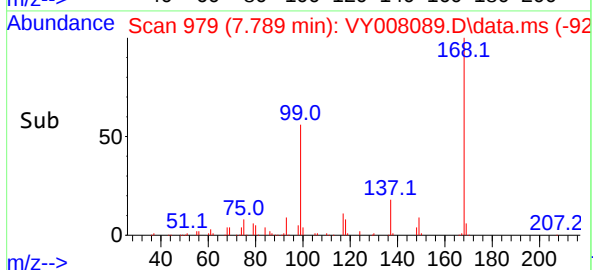
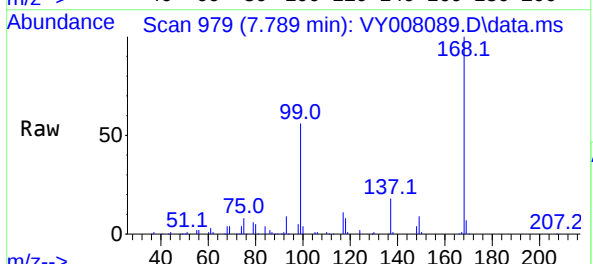
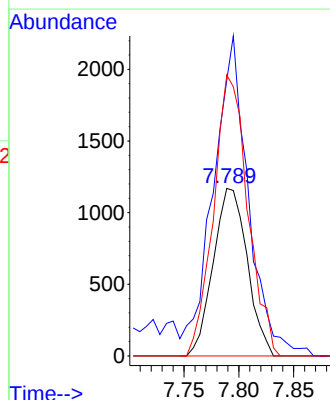


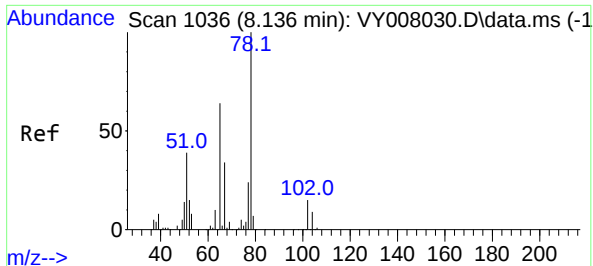
Tgt Ion: 42 Resp: 309
Ion Ratio Lower Upper
42 100
72 67.6 30.3 45.5#
71 66.0 29.0 43.4#



#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 56 Resp: 2521
Ion Ratio Lower Upper
56 100
69 154.2 26.7 40.1#
84 167.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.077 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008089.D

Acq: 29 Mar 2022 16:02

Instrument :

MSVOA_Y

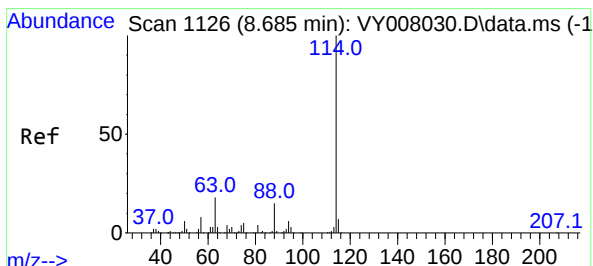
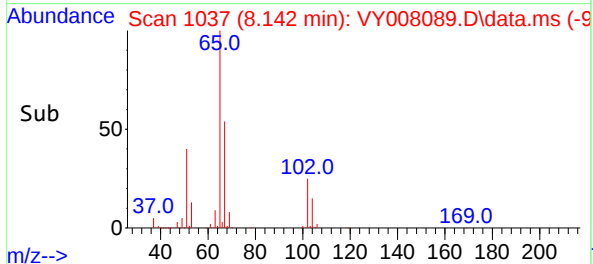
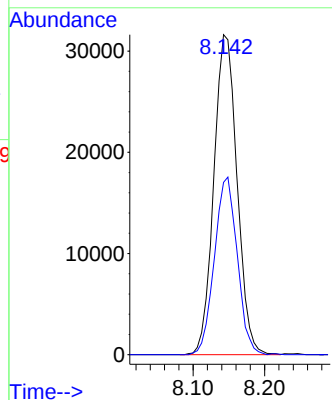
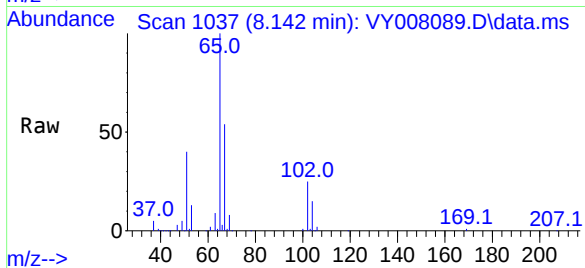
ClientSampleId :

Tgt Ion: 65 Resp: 71374

Ion Ratio Lower Upper

65 100

67 54.5 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: VY008089.D

Acq: 29 Mar 2022 16:02

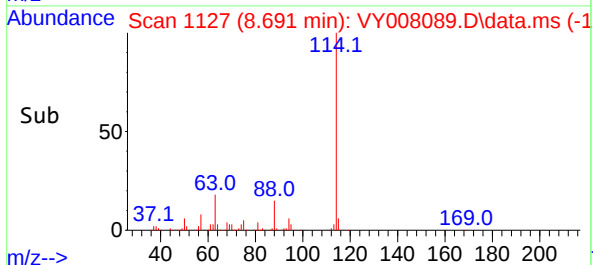
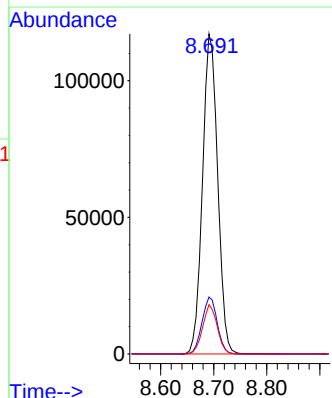
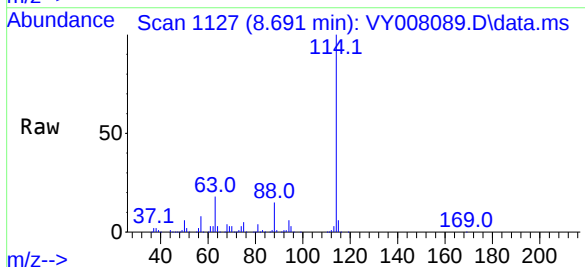
Tgt Ion: 114 Resp: 232218

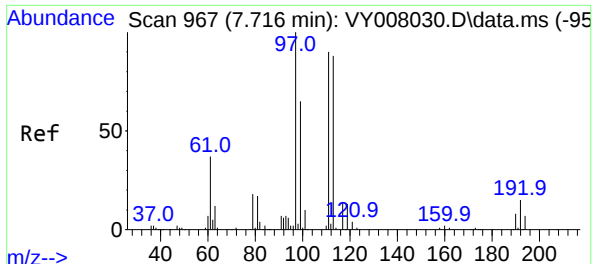
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

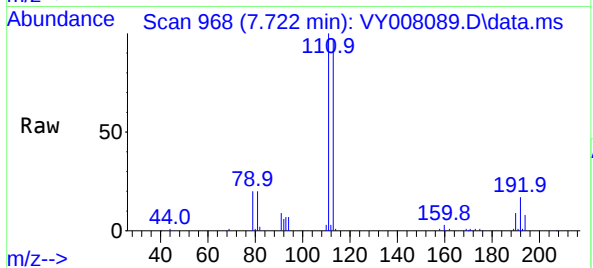
88 15.4 0.0 31.8



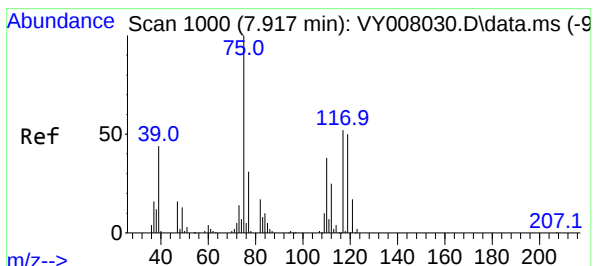
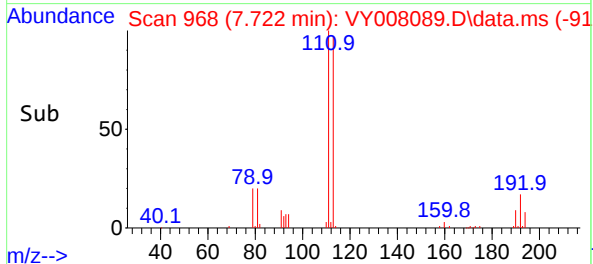
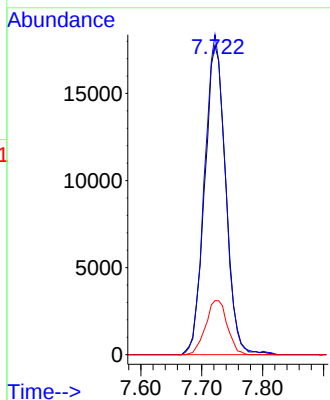


#35
Dibromofluoromethane
Concen: 29.357 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

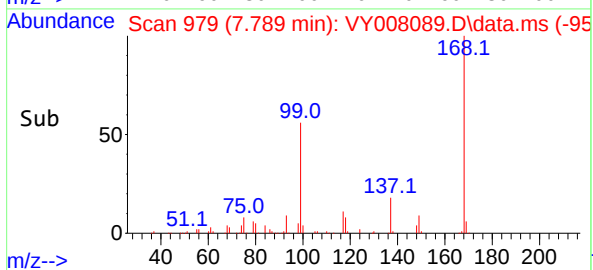
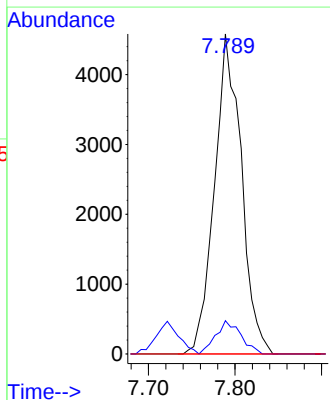
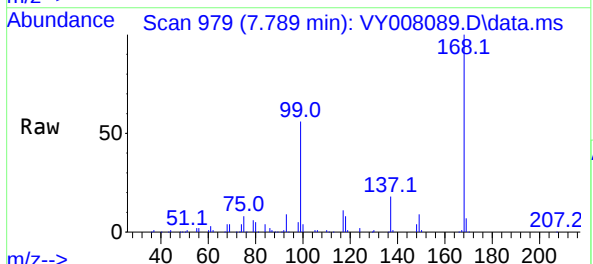


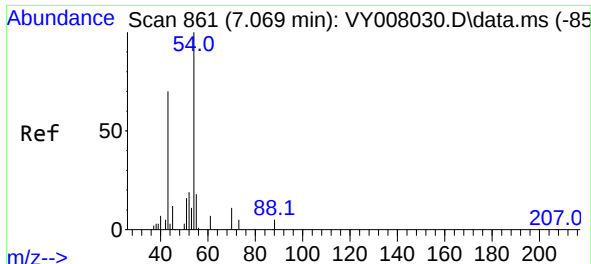
Tgt Ion:113 Resp: 42742
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.306 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 75 Resp: 9849
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.750 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

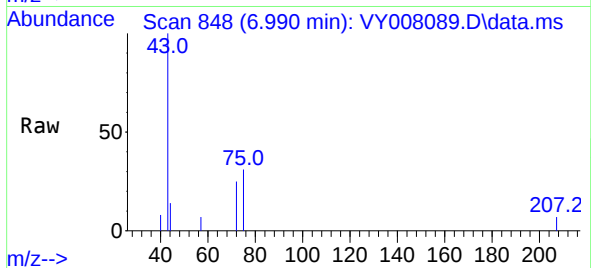
Lab File: VY008089.D

Acq: 29 Mar 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :



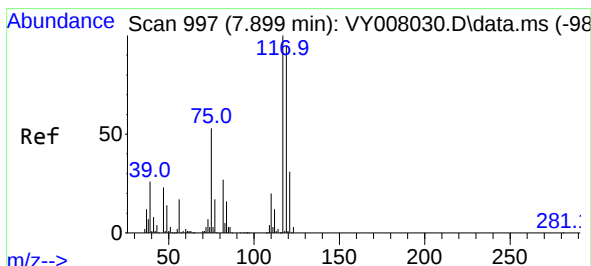
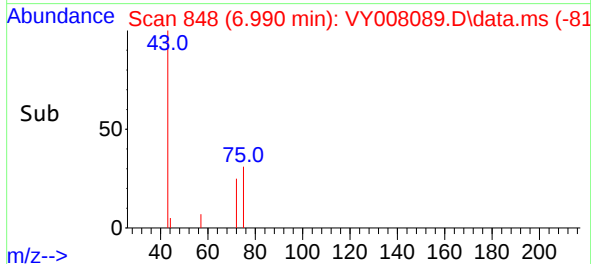
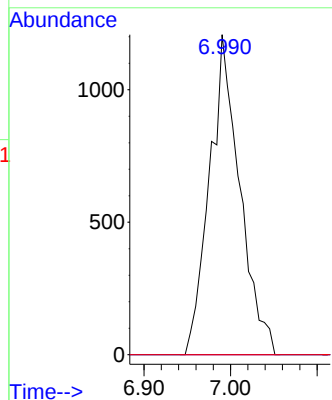
Tgt Ion: 43 Resp: 2938

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.167 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008089.D

Acq: 29 Mar 2022 16:02

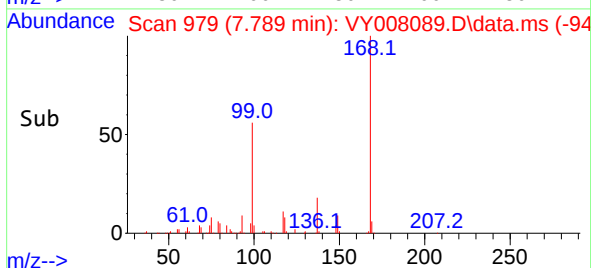
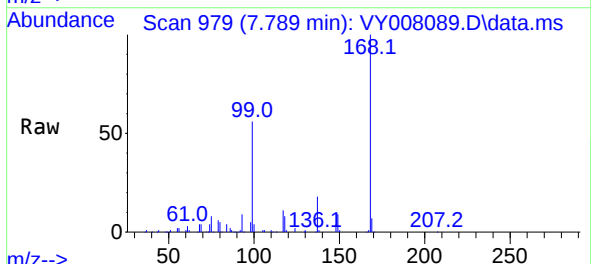
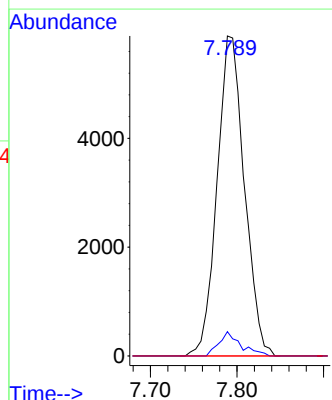
Tgt Ion: 117 Resp: 12878

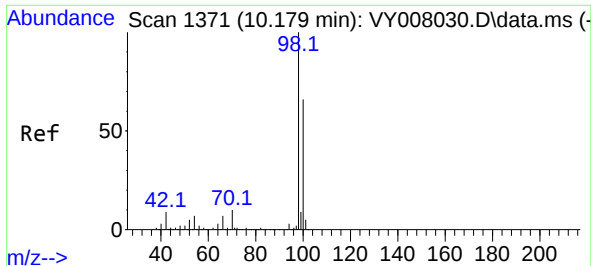
Ion Ratio Lower Upper

117 100

119 7.6 77.9 116.9#

121 0.0 24.8 37.2#

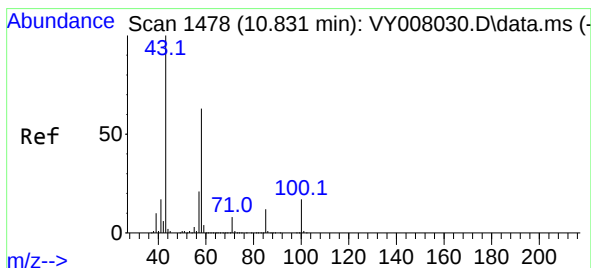
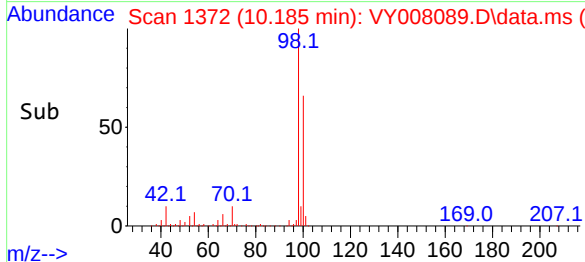
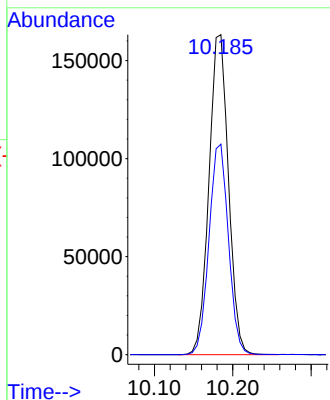
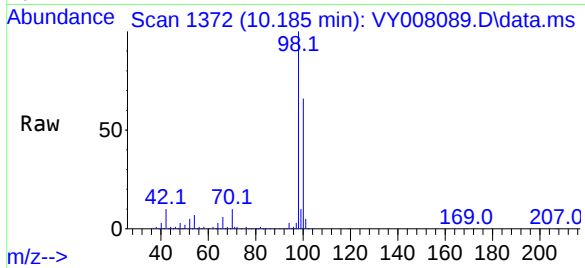




#50
Toluene-d8
Concen: 51.483 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

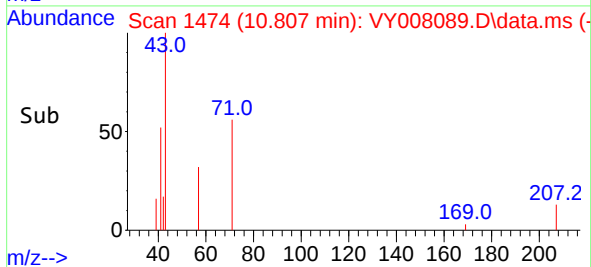
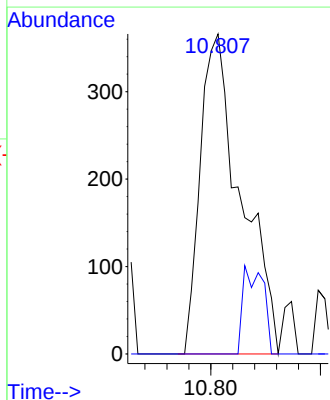
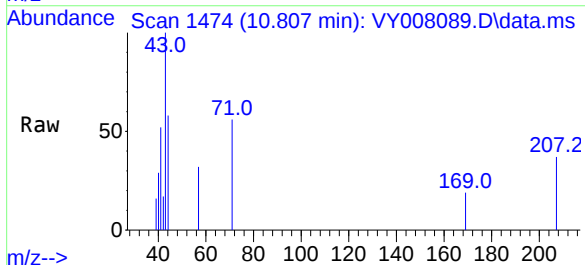
Instrument :
MSVOA_Y
ClientSampleId :

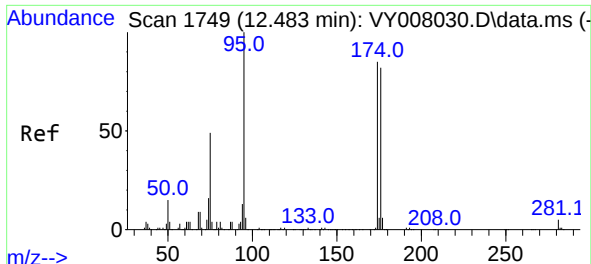
Tgt Ion: 98 Resp: 282397
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#59
2-Hexanone
Concen: 1.273 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

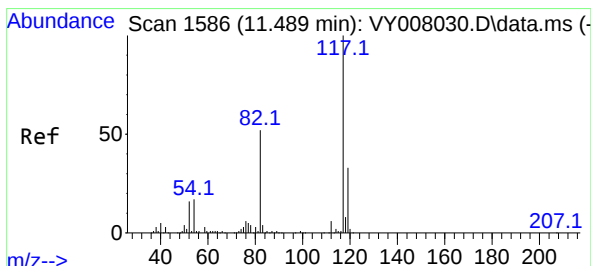
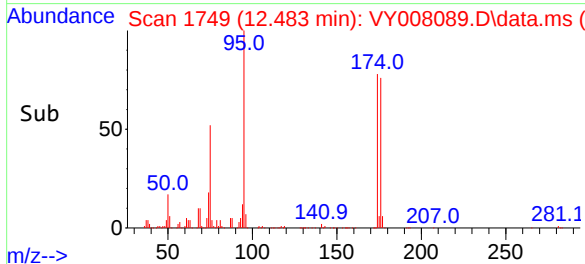
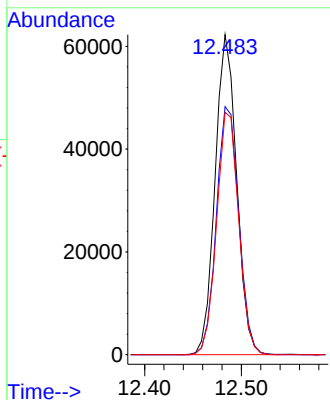
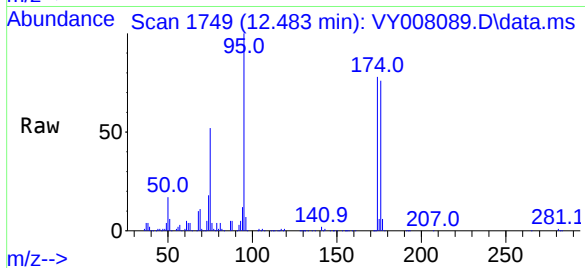




#62
4-Bromofluorobenzene
Concen: 49.665 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

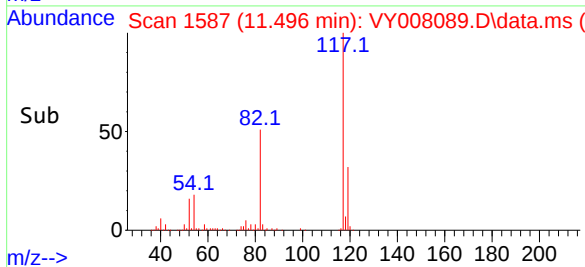
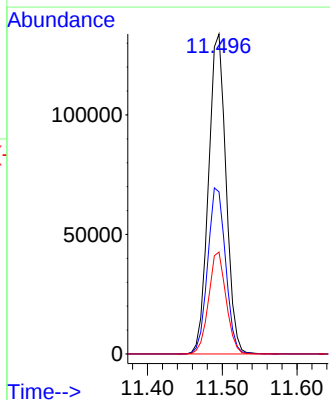
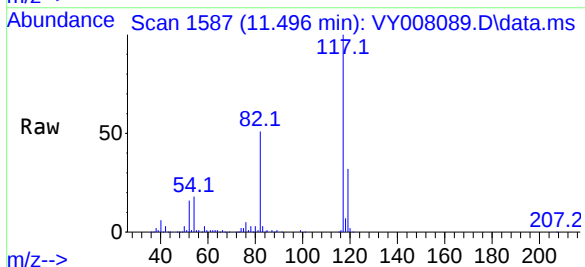
Instrument :
MSVOA_Y
ClientSampleId :

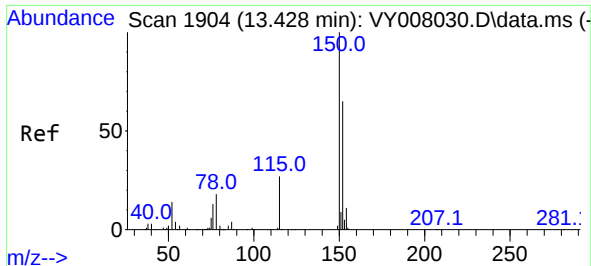
Tgt Ion: 95 Resp: 96112
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 77.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 117 Resp: 217987
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 31.8 25.4 38.0

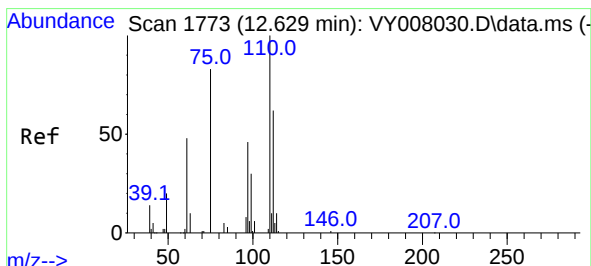
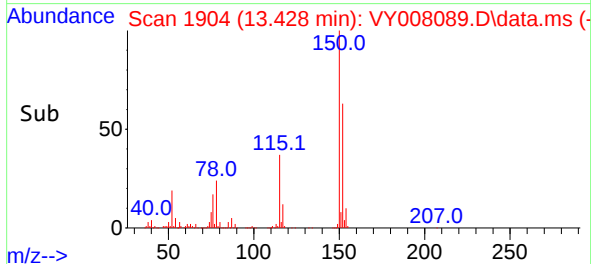
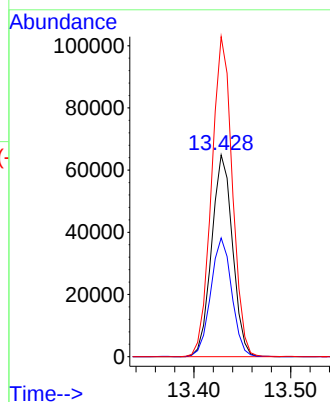
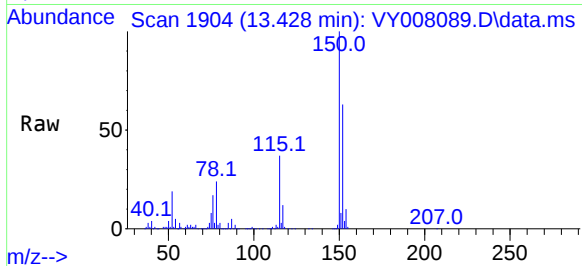




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008089.D
 Acq: 29 Mar 2022 16:02

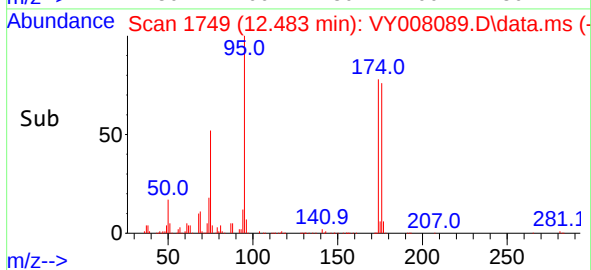
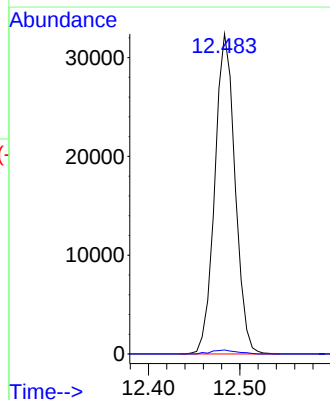
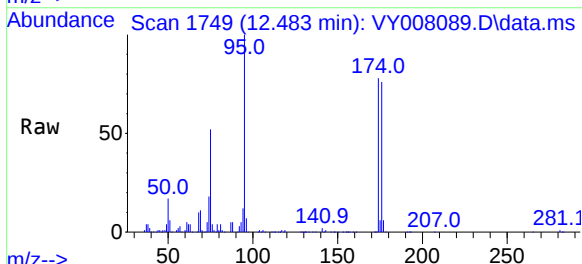
Instrument :
 MSVOA_Y
 ClientSampleId :

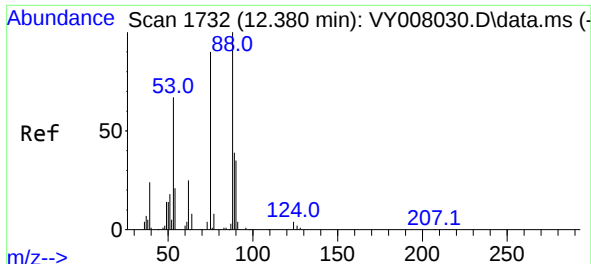
Tgt Ion:152 Resp: 97592
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.2 84.7
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.883 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008089.D
 Acq: 29 Mar 2022 16:02

Tgt Ion: 75 Resp: 49826
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

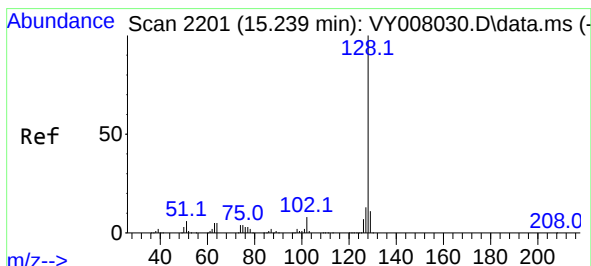
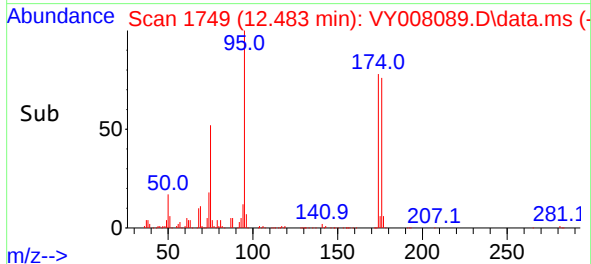
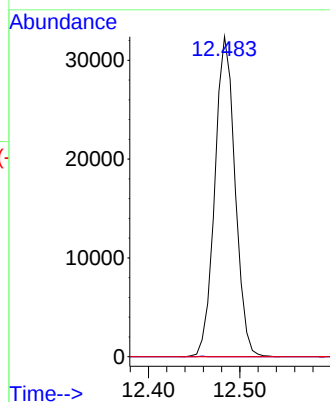
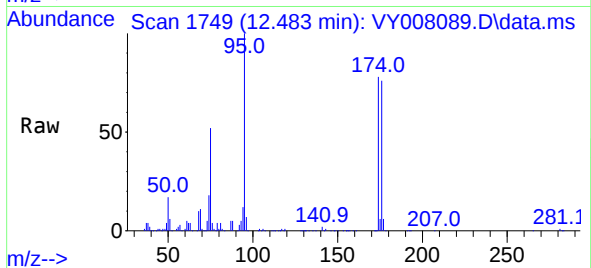




#81
trans-1,4-Dichloro-2-butene
Concen: 93.447 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49826
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 11.693 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008089.D
Acq: 29 Mar 2022 16:02

Tgt Ion:128 Resp: 49935
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 10.6 8.4 12.6

