

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007706.D
 Acq On : 03 Mar 2022 15:55
 Operator : SY/MD
 Sample : N1751-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-16

Quant Time: Mar 04 00:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

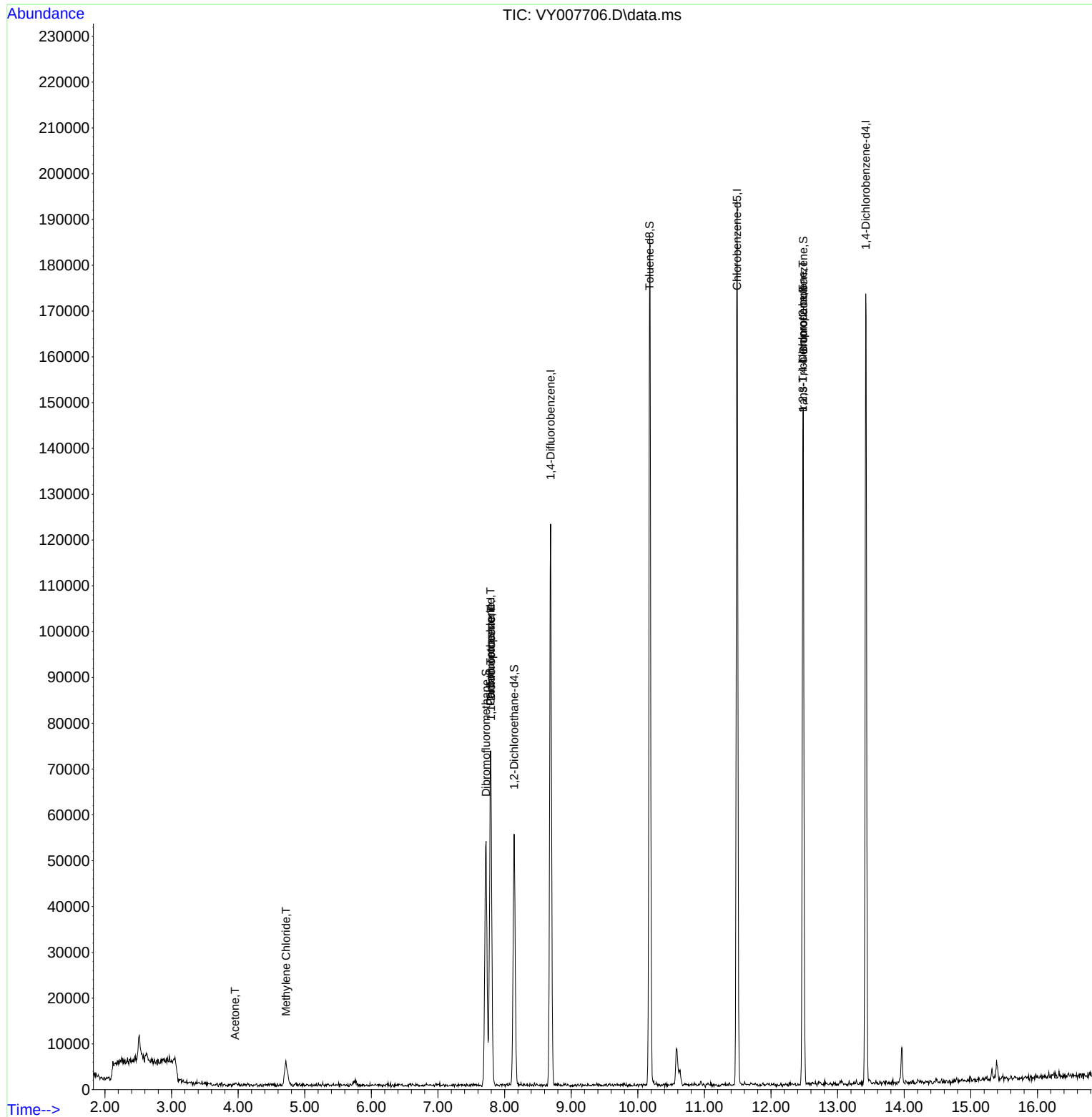
Internal Standards						
1) Pentafluorobenzene	7.789	168	56159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	101707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	40652	69.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.280%	
35) Dibromofluoromethane	7.722	113	35500	55.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.440%	
50) Toluene-d8	10.179	98	123996	52.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	12.483	95	39037	51.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	42	Below Cal	#	43
3) Chloromethane	2.119	50	646	Below Cal	#	37
13) Acrolein	3.729	56	33	Below Cal	#	14
16) Acetone	3.954	43	690	5.769	ug/l #	83
18) Methyl Acetate	4.472	43	222	Below Cal	#	56
20) Methylene Chloride	4.716	84	3808	2.503	ug/l #	79
31) Cyclohexane	7.789	56	1379	Below Cal	#	46
36) 1,1-Dichloropropene	7.795	75	4556	4.545	ug/l #	47
38) Carbon Tetrachloride	7.789	117	5608	5.245	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	22030	46.237	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22030	94.526	ug/l #	7

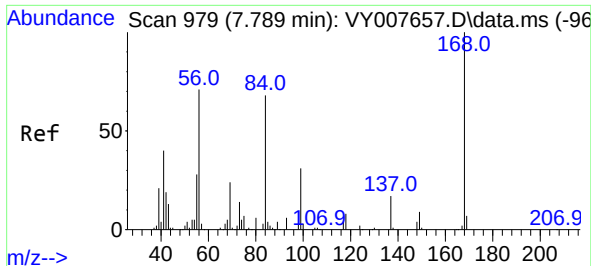
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007706.D
Acq On : 03 Mar 2022 15:55
Operator : SY/MD
Sample : N1751-11
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

Quant Time: Mar 04 00:42:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

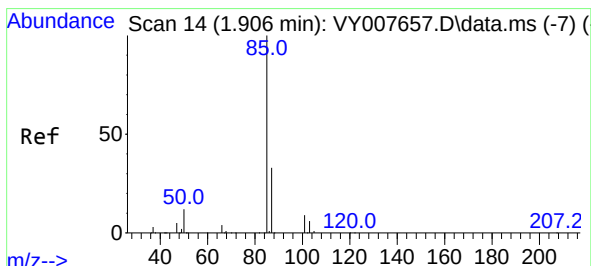
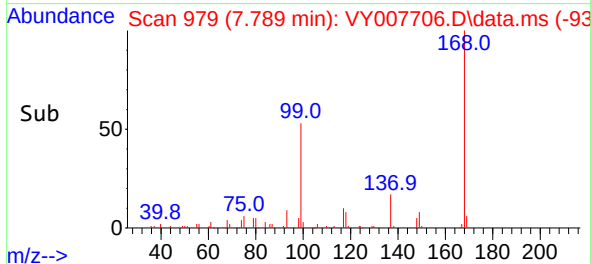
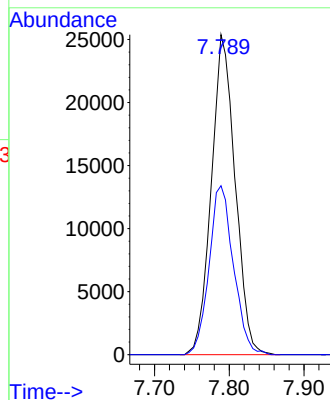
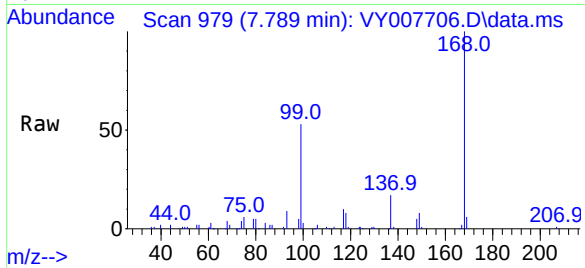




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

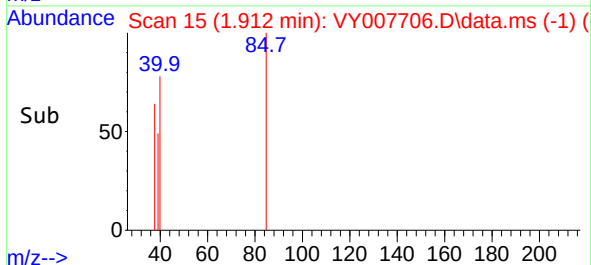
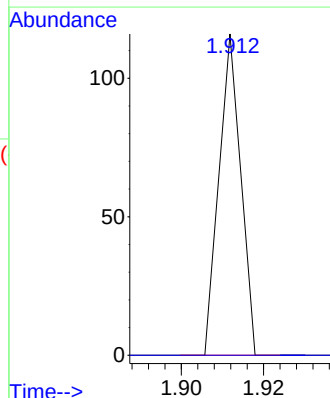
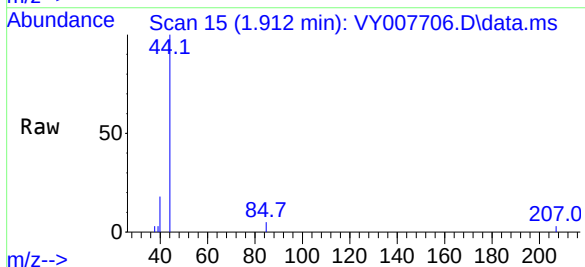
Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

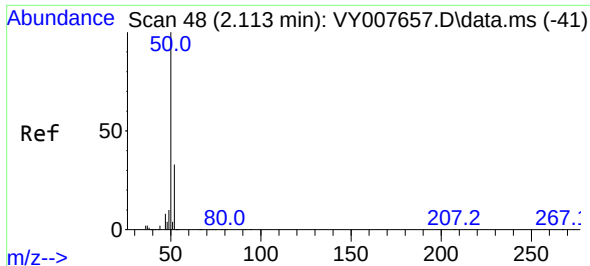
Tgt Ion:168 Resp: 56159
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

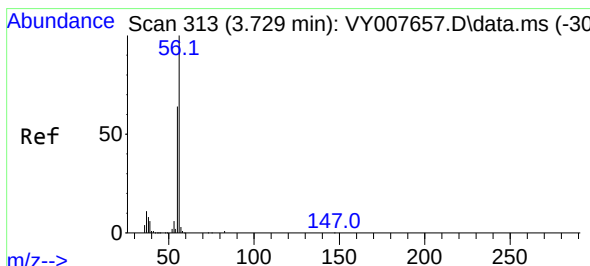
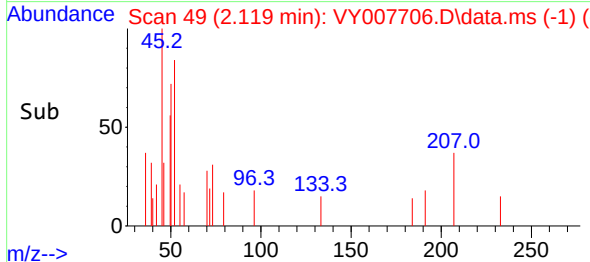
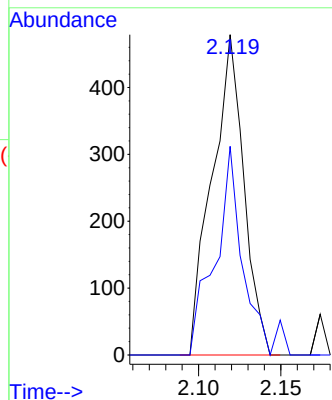
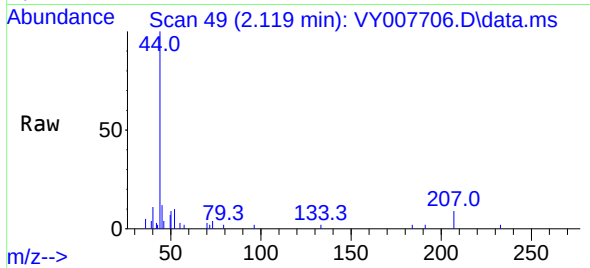




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

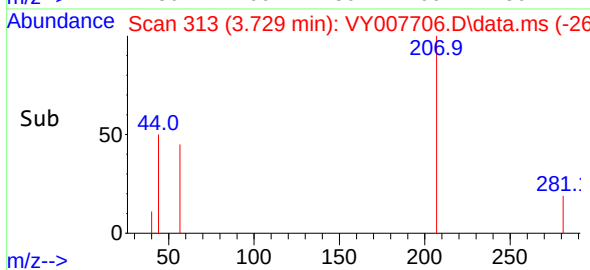
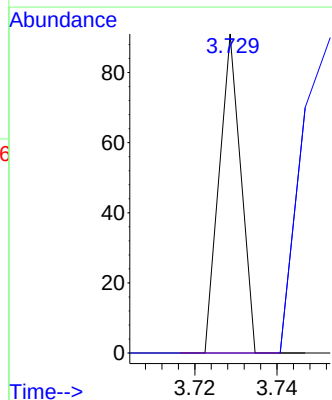
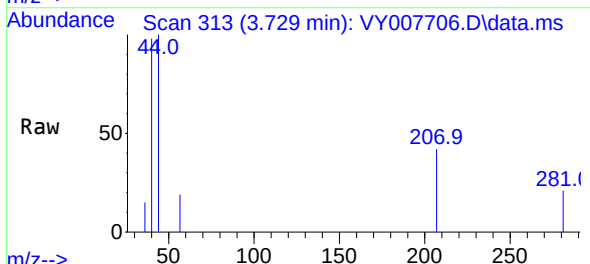
Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

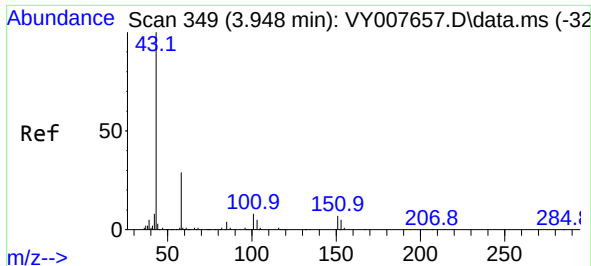
Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 65.1 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

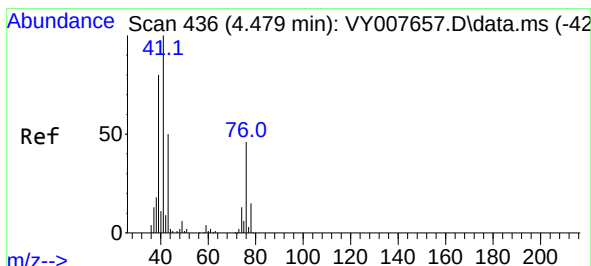
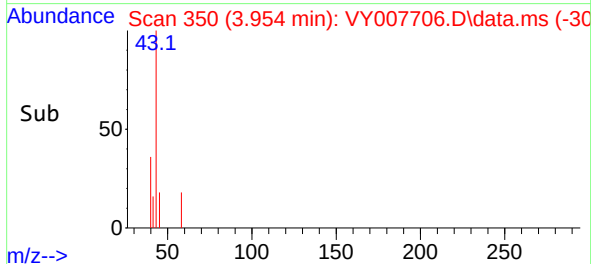
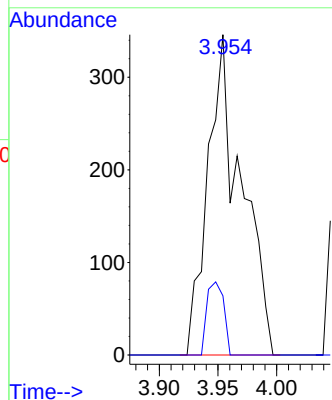
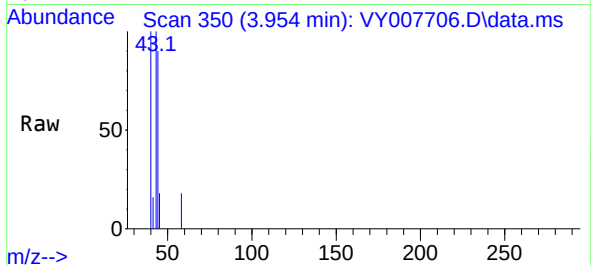




#16
Acetone
Concen: 5.769 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

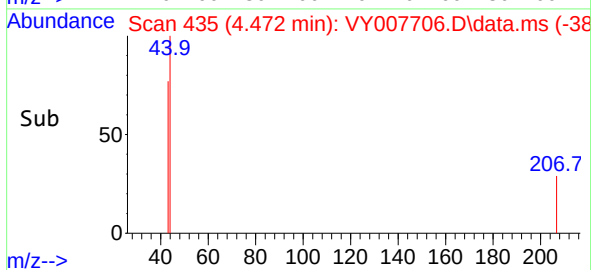
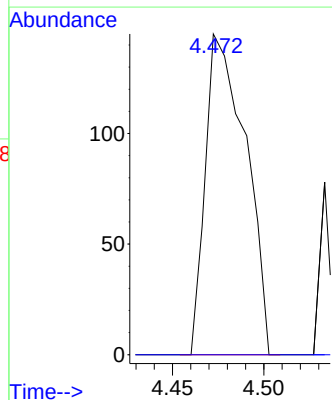
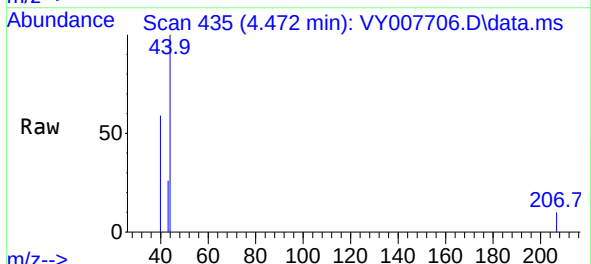
Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

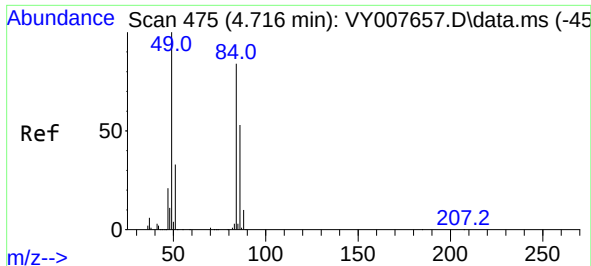
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 18.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



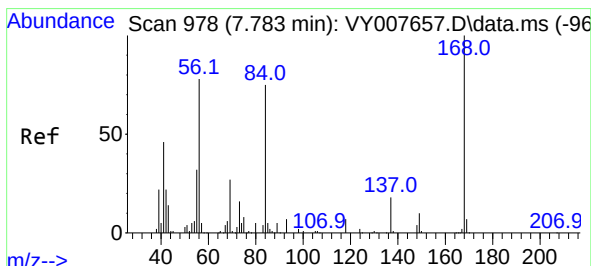
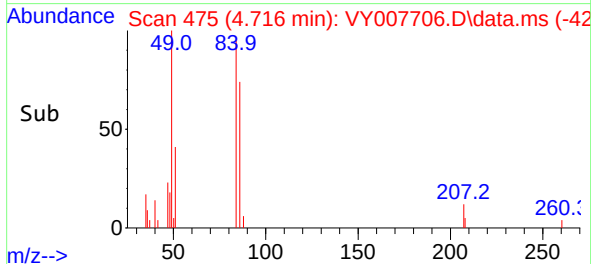
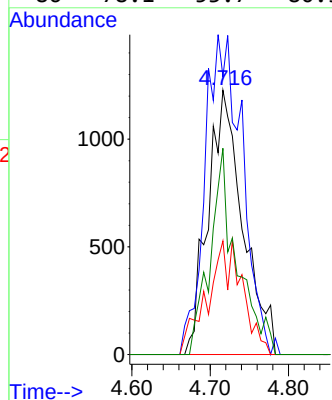
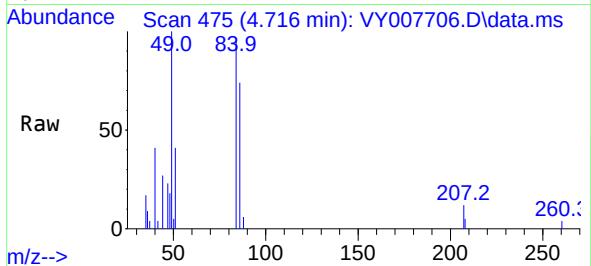


#20
Methylene Chloride
Concen: 2.503 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

Tgt Ion: 84 Resp: 3808

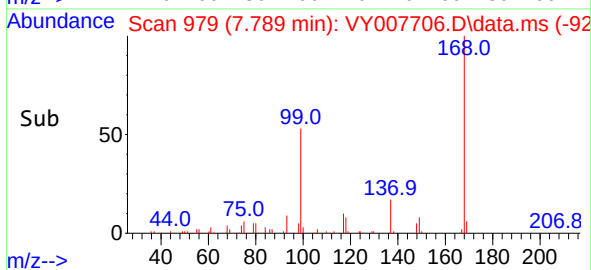
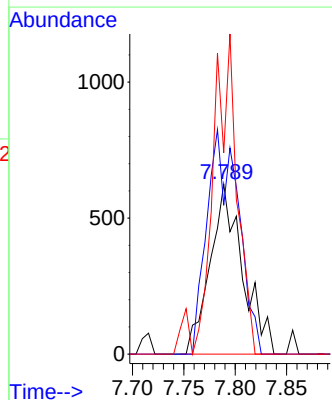
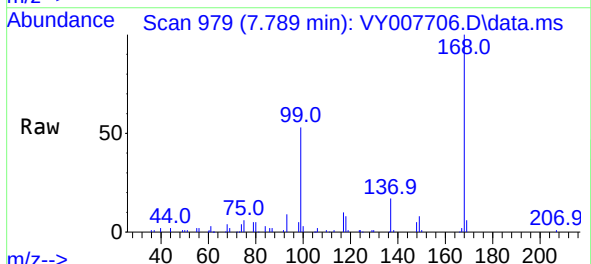
Ion	Ratio	Lower	Upper
84	100		
49	105.1	114.4	171.6#
51	43.0	35.3	52.9
86	78.1	53.7	80.5

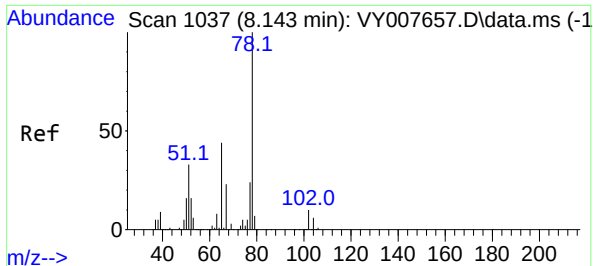


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Tgt Ion: 56 Resp: 1379

Ion	Ratio	Lower	Upper
56	100		
69	87.5	26.7	40.1#
84	118.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.144 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007706.D

Acq: 03 Mar 2022 15:55

Instrument :

MSVOA_Y

ClientSampleId :

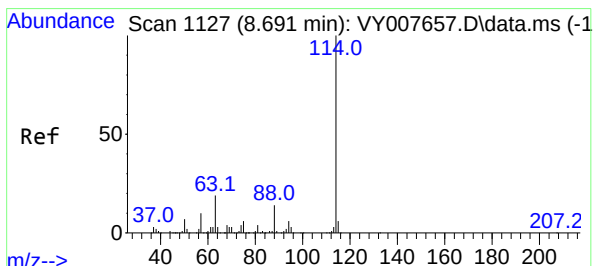
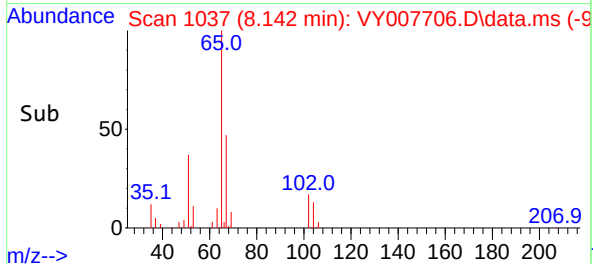
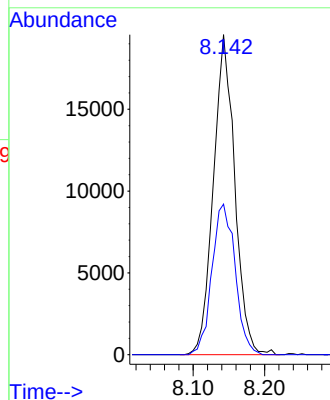
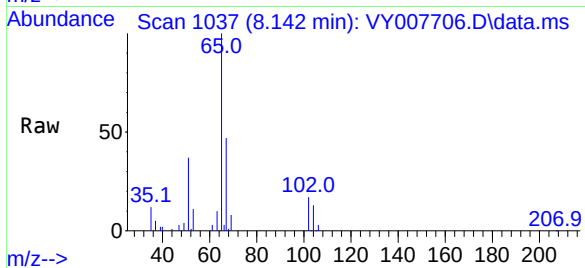
DUM-16

Tgt Ion: 65 Resp: 40652

Ion Ratio Lower Upper

65 100

67 51.0 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: VY007706.D

Acq: 03 Mar 2022 15:55

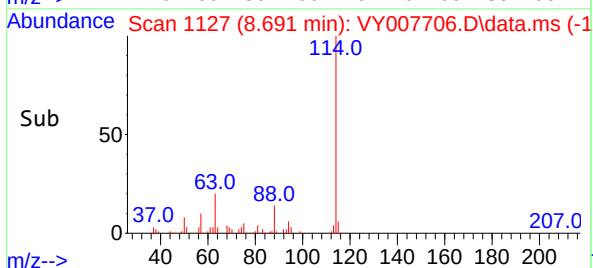
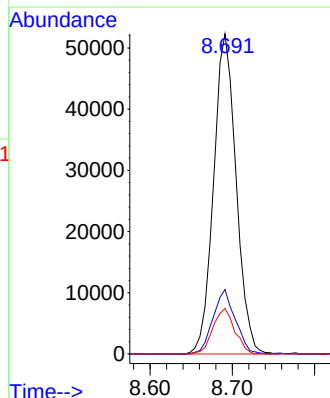
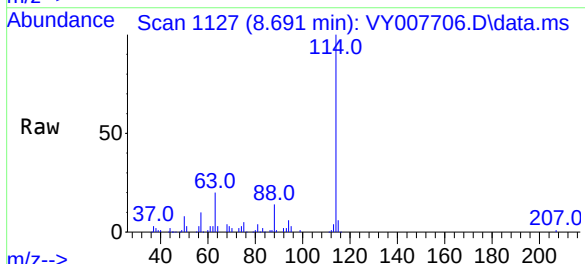
Tgt Ion: 114 Resp: 99662

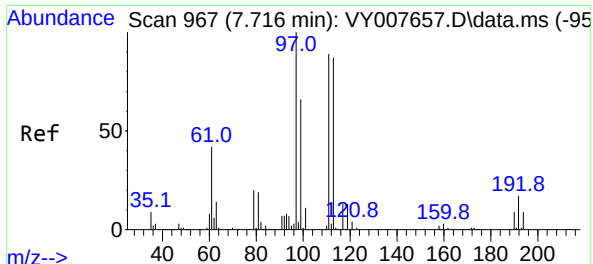
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.715 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007706.D

Acq: 03 Mar 2022 15:55

Instrument :

MSVOA_Y

ClientSampleId :

DUM-16

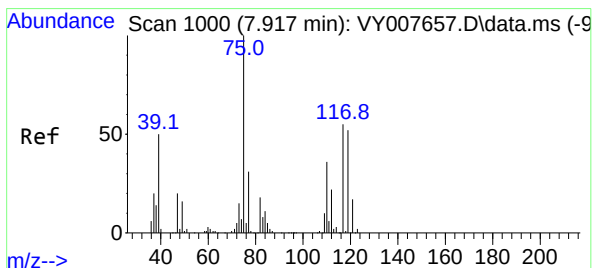
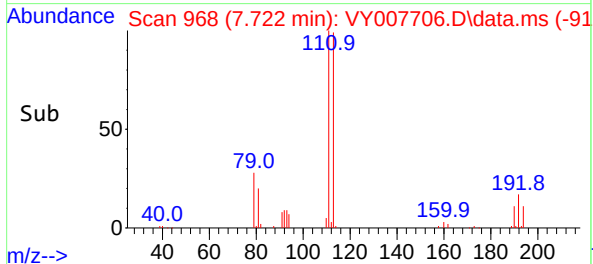
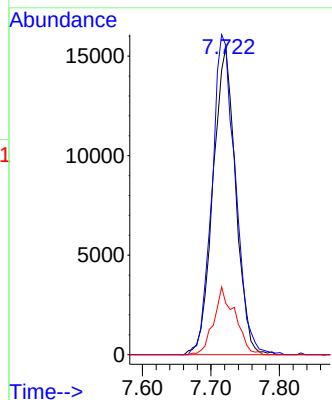
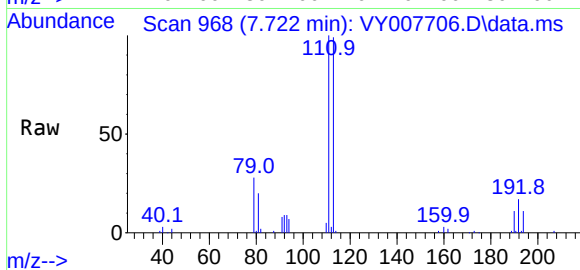
Tgt Ion:113 Resp: 35500

Ion Ratio Lower Upper

113 100

111 107.0 82.6 124.0

192 20.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.545 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY007706.D

Acq: 03 Mar 2022 15:55

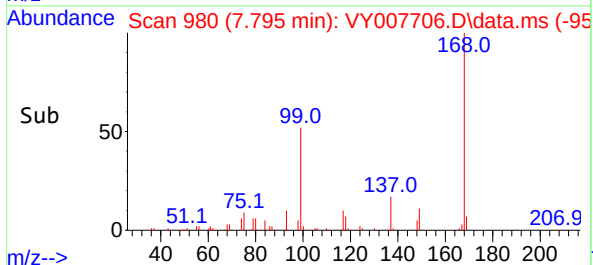
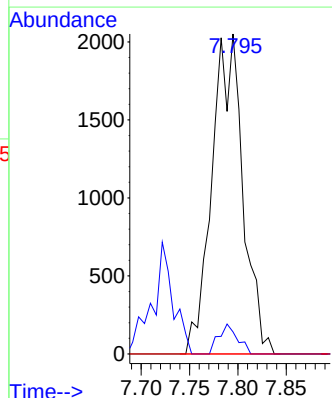
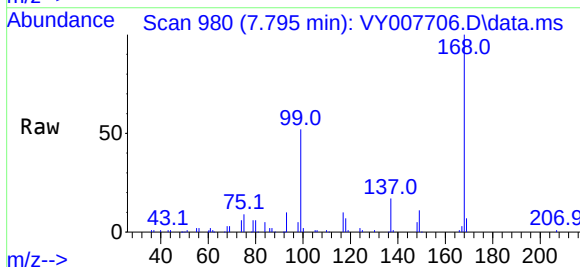
Tgt Ion: 75 Resp: 4556

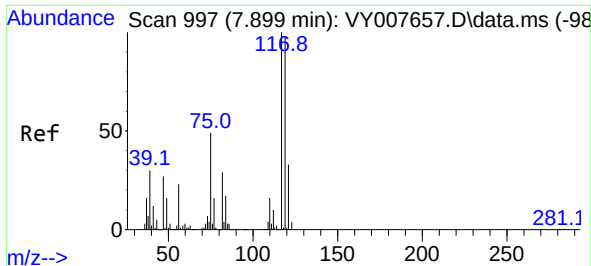
Ion Ratio Lower Upper

75 100

110 5.6 17.1 51.2#

77 0.0 24.4 36.6#

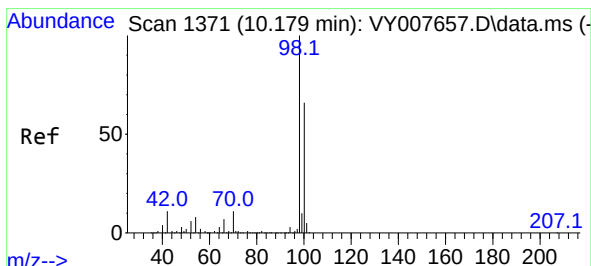
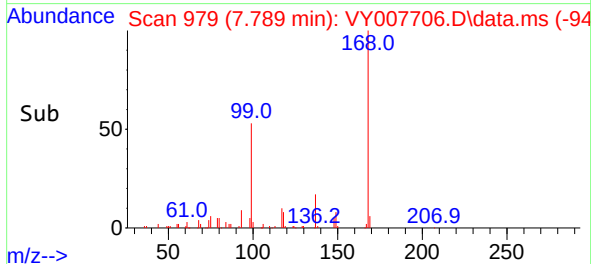
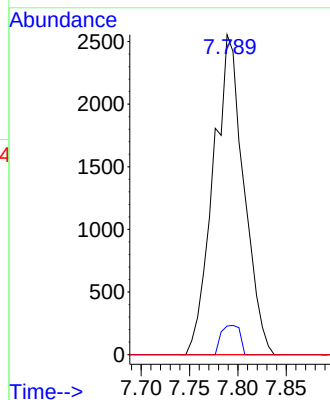
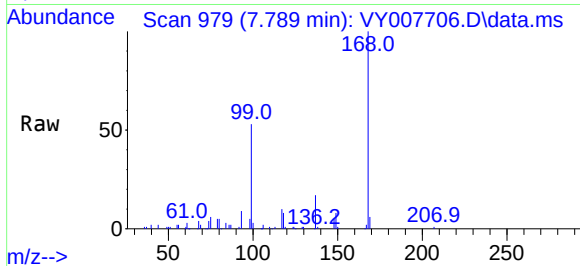




#38
Carbon Tetrachloride
Concen: 5.245 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

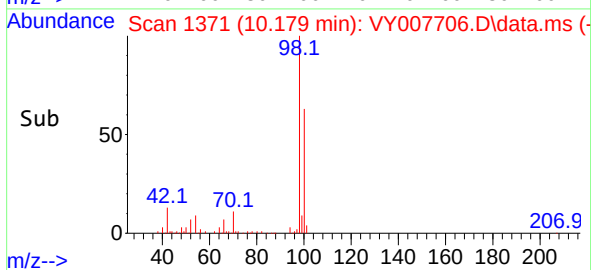
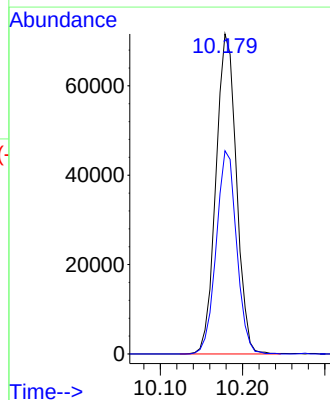
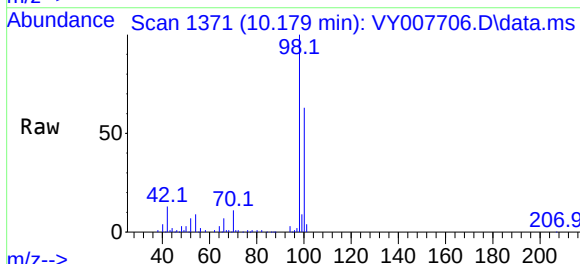
Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

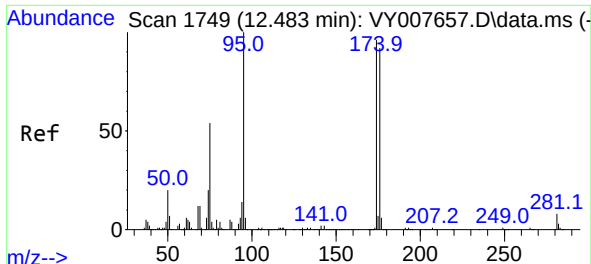
Tgt Ion:117 Resp: 5608
Ion Ratio Lower Upper
117 100
119 8.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.866 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Tgt Ion: 98 Resp: 123996
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

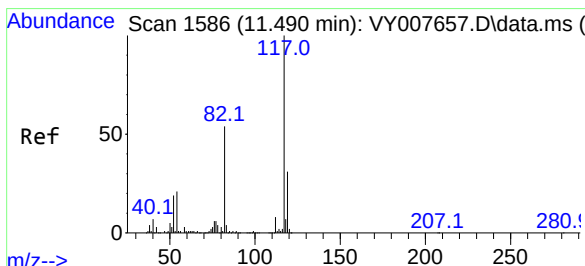
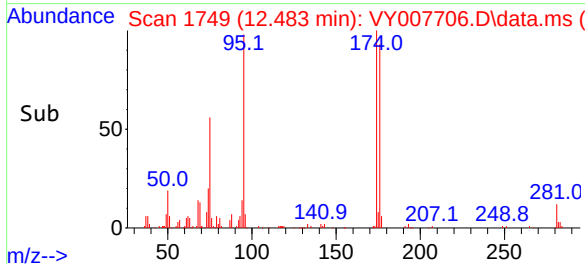
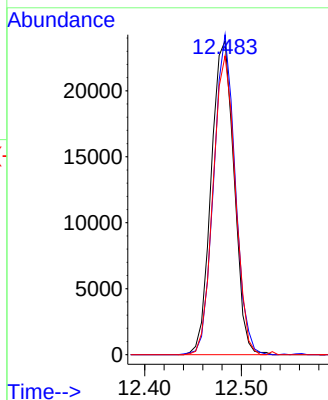
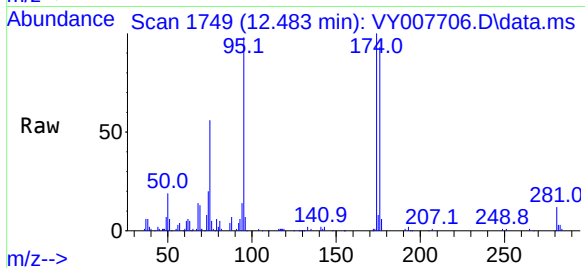




#62
4-Bromofluorobenzene
Concen: 51.633 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

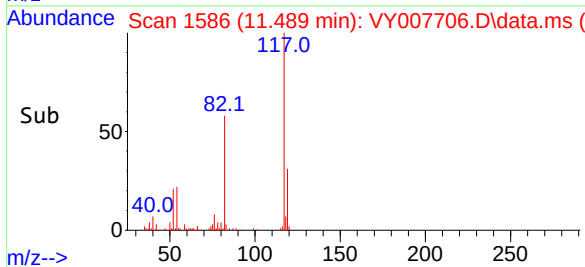
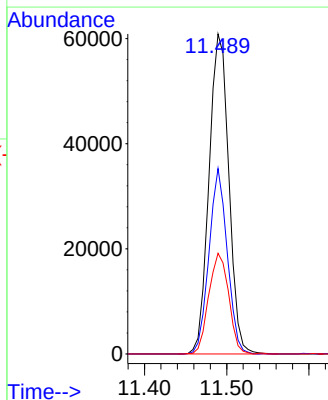
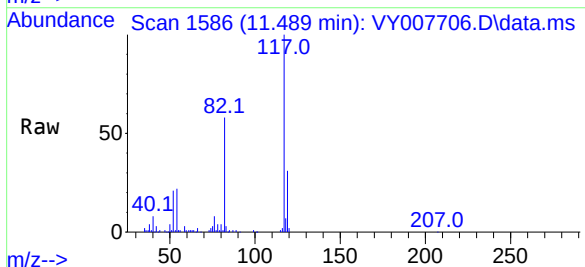
Instrument :
MSVOA_Y
ClientSampleId :
DUM-16

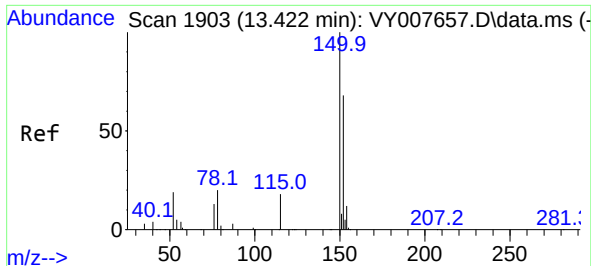
Tgt Ion: 95 Resp: 39037
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007706.D
Acq: 03 Mar 2022 15:55

Tgt Ion: 117 Resp: 101707
Ion Ratio Lower Upper
117 100
82 58.0 43.0 64.4
119 31.5 25.4 38.0

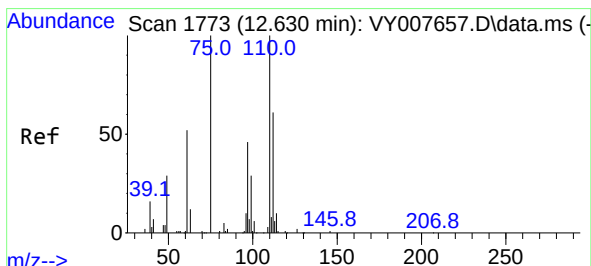
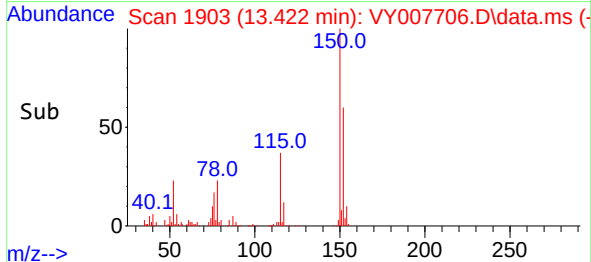
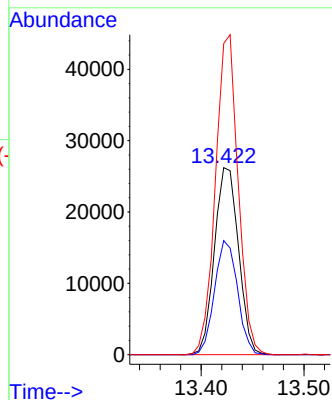
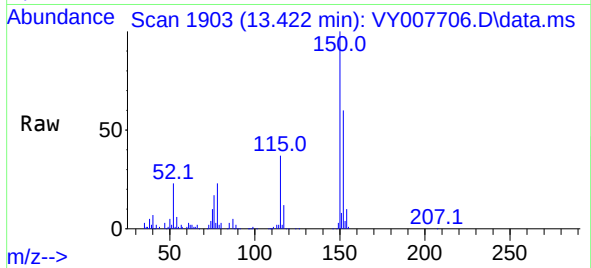




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007706.D
 Acq: 03 Mar 2022 15:55

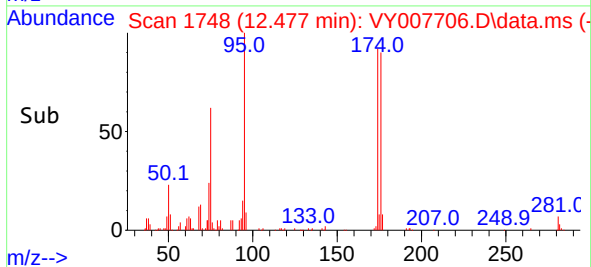
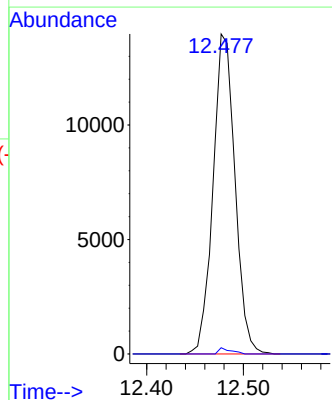
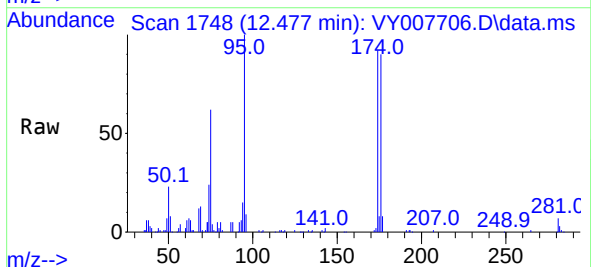
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-16

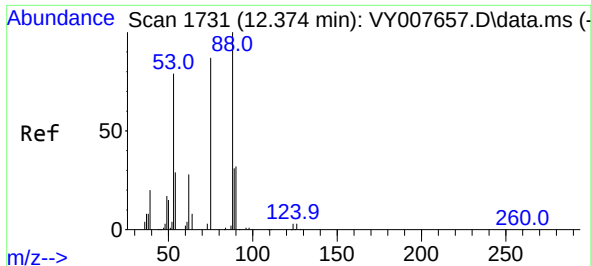
Tgt Ion:152 Resp: 42664
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 161.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.237 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007706.D
 Acq: 03 Mar 2022 15:55

Tgt Ion: 75 Resp: 22030
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.526 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007706.D
 Acq: 03 Mar 2022 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-16

Tgt Ion: 75 Resp: 22030
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

