

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006646.D
 Acq On : 05 Nov 2021 10:27
 Operator : SY/MD
 Sample : VY1105SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:35:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

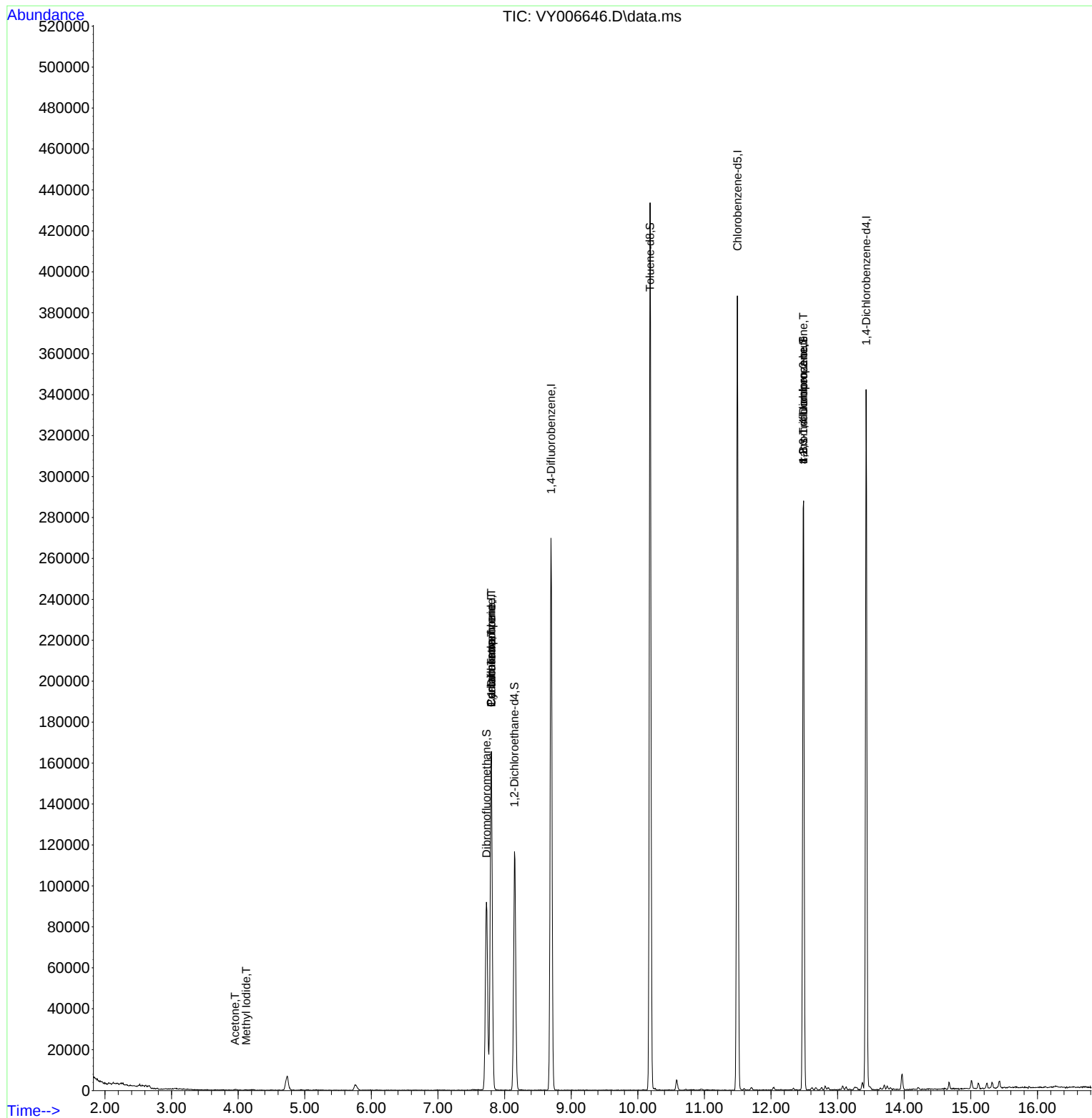
Internal Standards						
1) Pentafluorobenzene	7.801	168	121200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90987	61.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.020%	
35) Dibromofluoromethane	7.728	113	63139	54.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.185	98	260140	53.334	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.483	95	81594	49.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	326	5.305	ug/l #	75
16) Acetone	3.954	43	832	1.937	ug/l #	85
20) Methylene Chloride	4.741	84	4254	Below Cal		88
31) Cyclohexane	7.801	56	3059	1.267	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10335	5.067	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11893	5.285	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47595	59.029	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47595	121.185	ug/l #	7

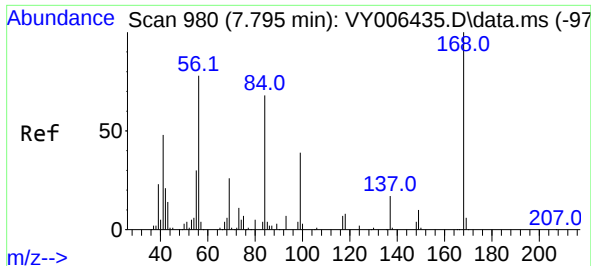
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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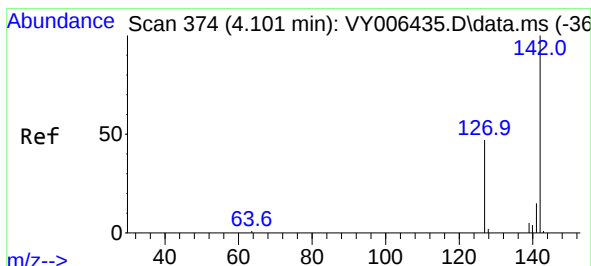
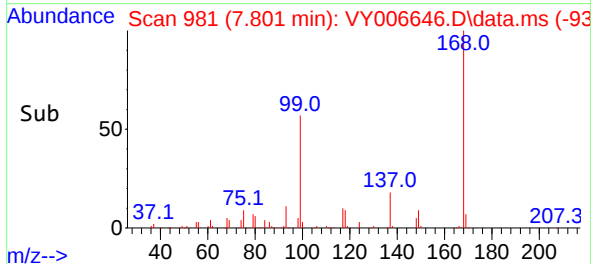
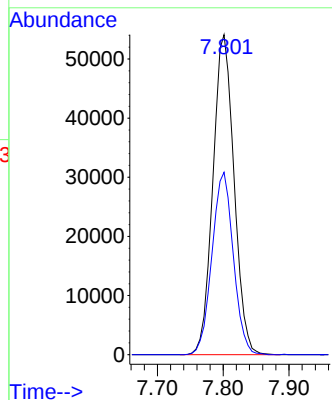
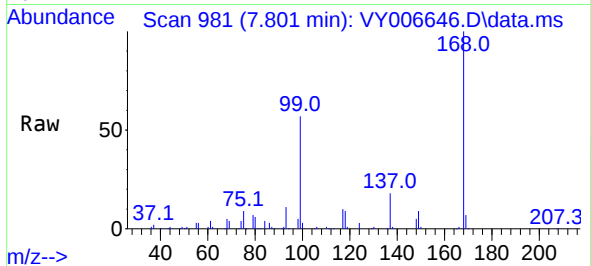




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

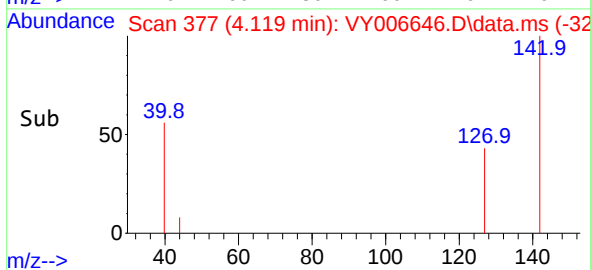
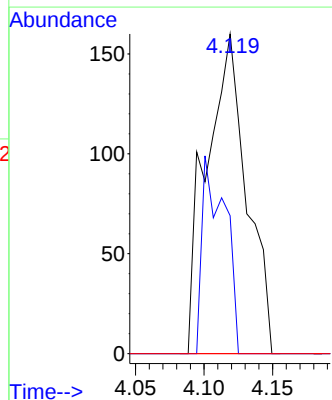
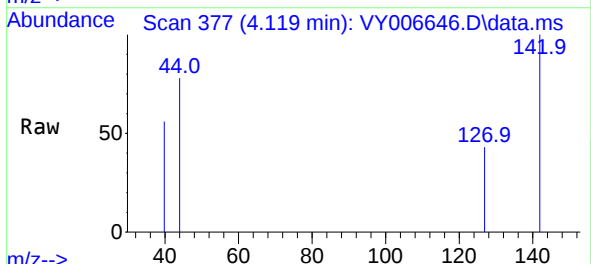
Instrument :
MSVOA_Y
ClientSampleId :

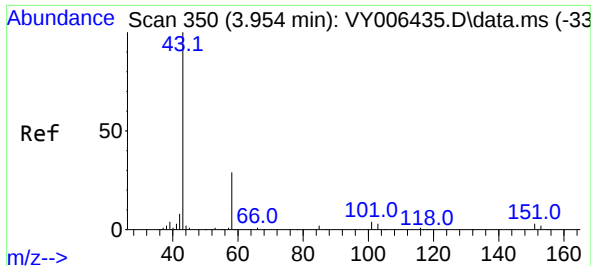
Tgt Ion:168 Resp: 121200
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.305 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

Tgt Ion:142 Resp: 326
Ion Ratio Lower Upper
142 100
127 35.3 40.1 60.1#
141 0.0 12.5 18.7#

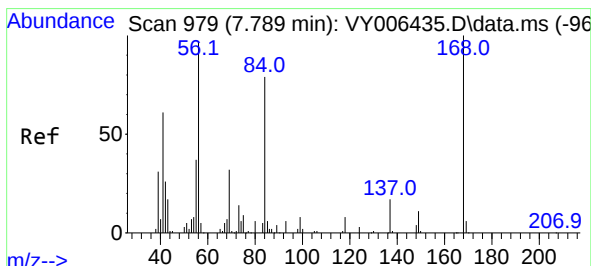
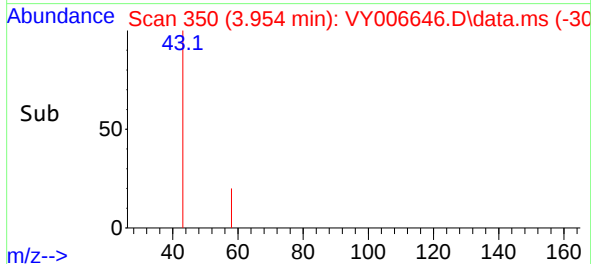
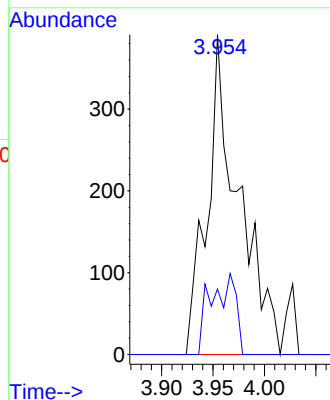
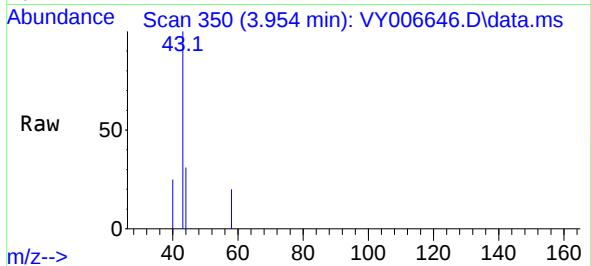




#16
Acetone
Concen: 1.937 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

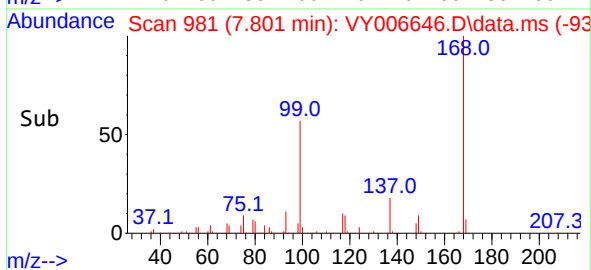
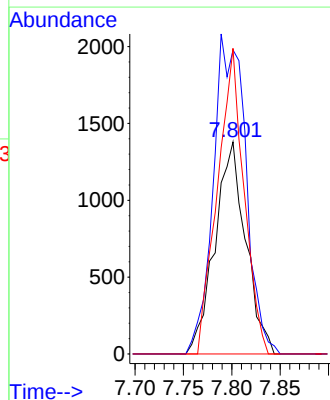
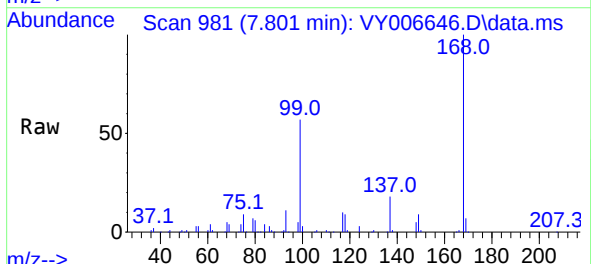
Instrument :
MSVOA_Y
ClientSampleId :

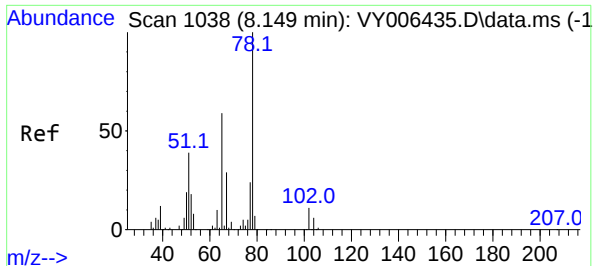
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 20.5 22.9 34.3#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

Tgt Ion: 56 Resp: 3059
Ion Ratio Lower Upper
56 100
69 143.3 26.6 40.0#
84 144.1 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 61.006 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY006646.D

Acq: 05 Nov 2021 10:27

Instrument :

MSVOA_Y

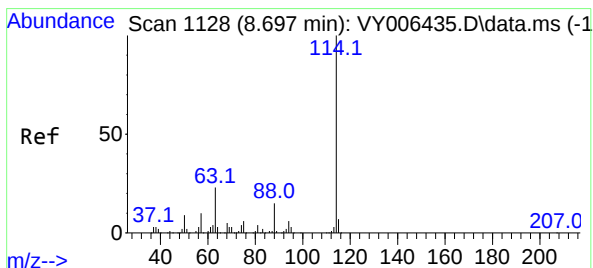
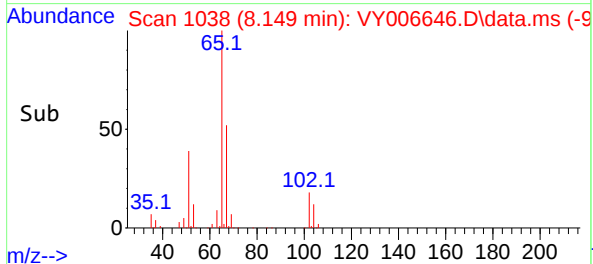
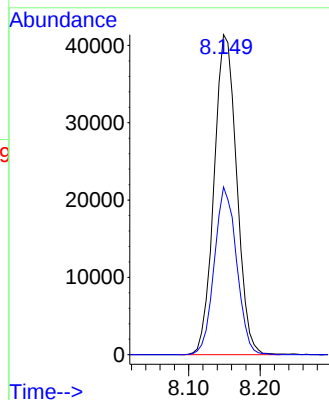
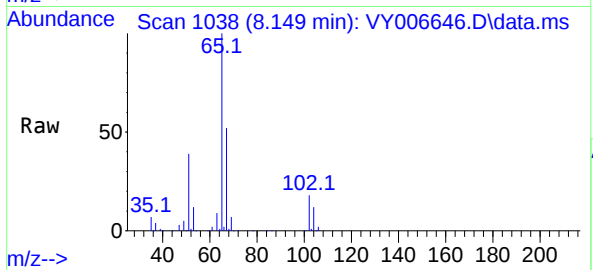
ClientSampleId :

Tgt Ion: 65 Resp: 90987

Ion Ratio Lower Upper

65 100

67 51.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006646.D

Acq: 05 Nov 2021 10:27

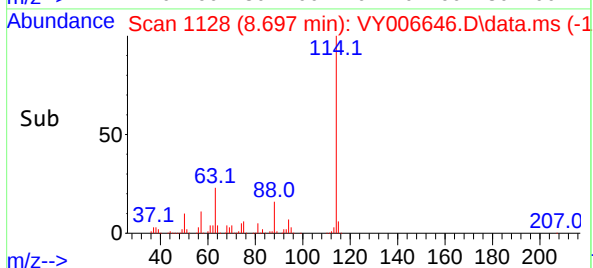
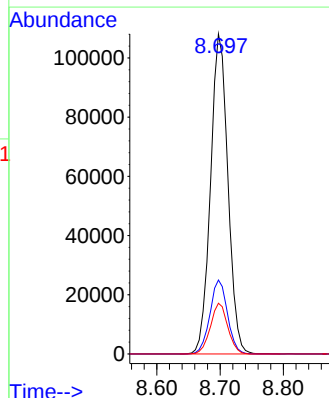
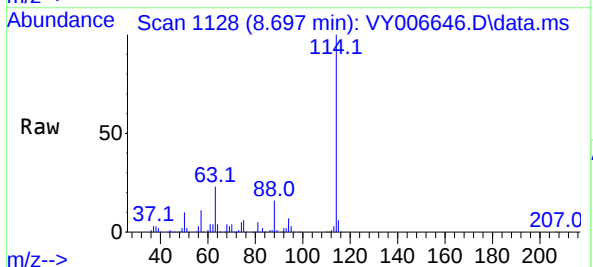
Tgt Ion: 114 Resp: 206435

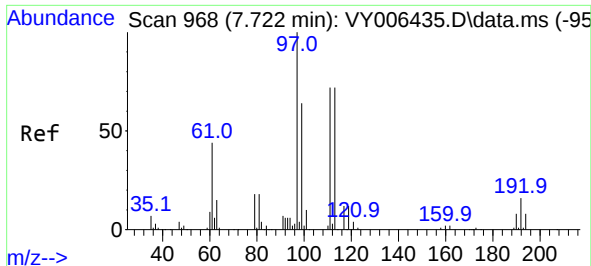
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 15.9 0.0 30.6

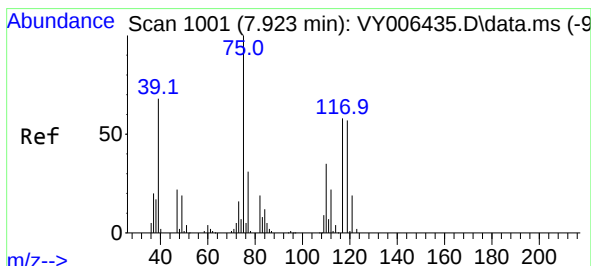
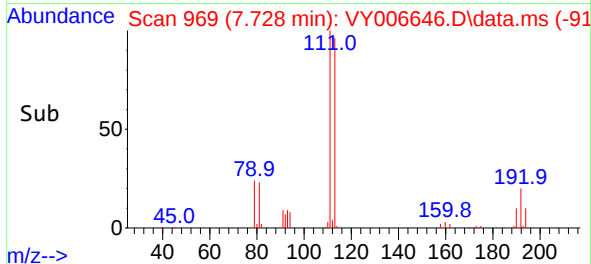
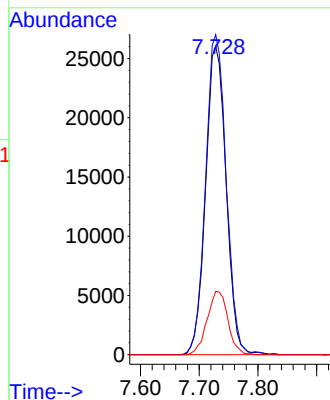
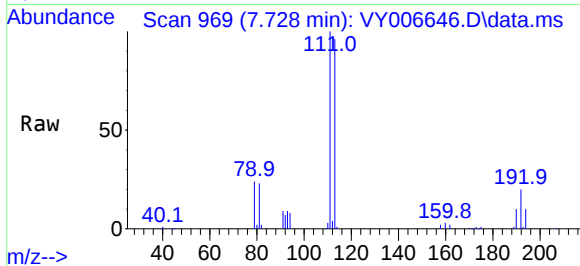




#35
Dibromofluoromethane
Concen: 54.874 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

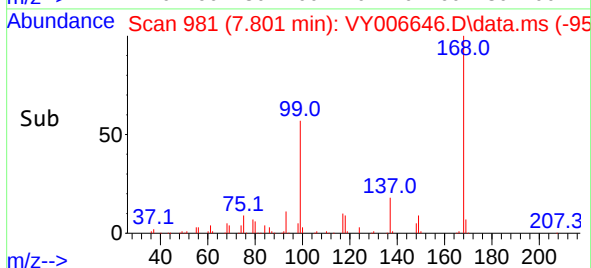
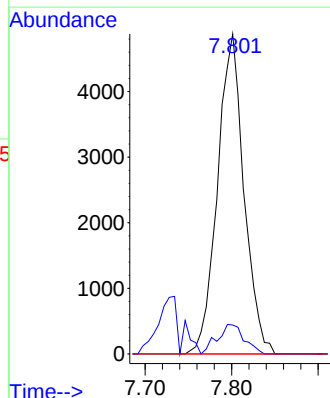
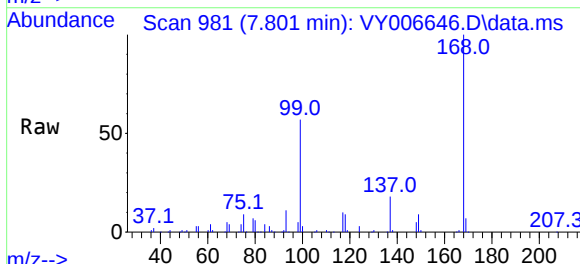
Instrument :
MSVOA_Y
ClientSampleId :

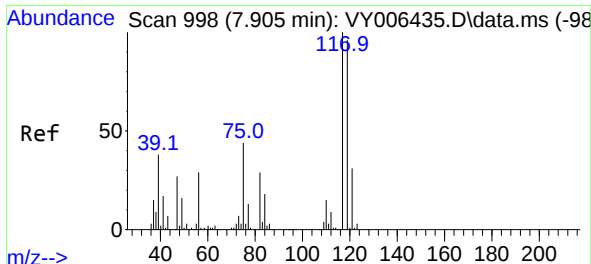
Tgt Ion:113 Resp: 63139
Ion Ratio Lower Upper
113 100
111 104.5 82.3 123.5
192 20.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

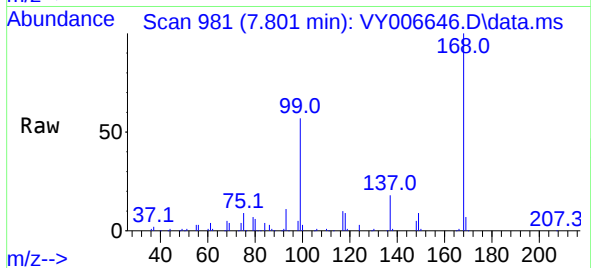
Tgt Ion: 75 Resp: 10335
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.3#
77 0.0 24.9 37.3#



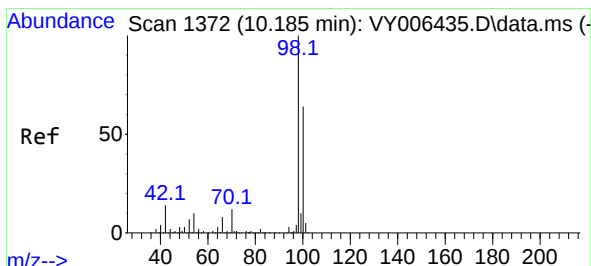
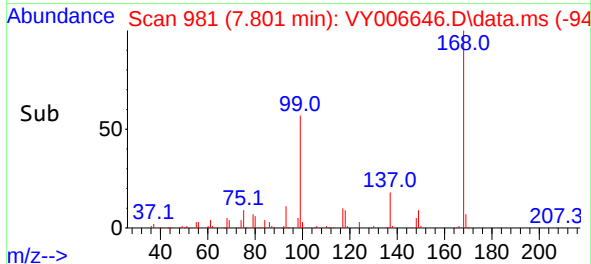
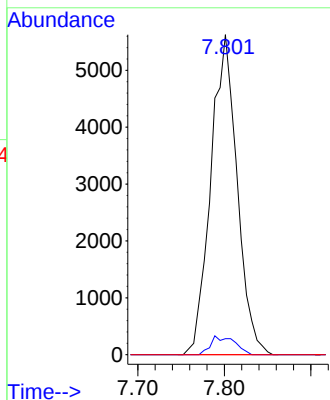


#38
Carbon Tetrachloride
Concen: 5.285 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

Instrument :
MSVOA_Y
ClientSampleId :

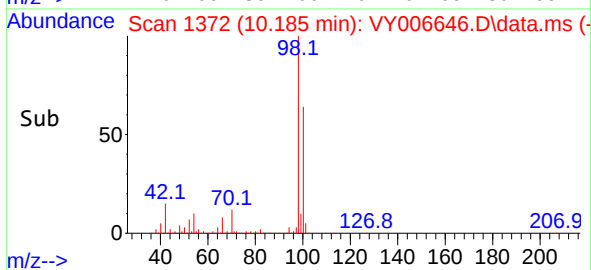
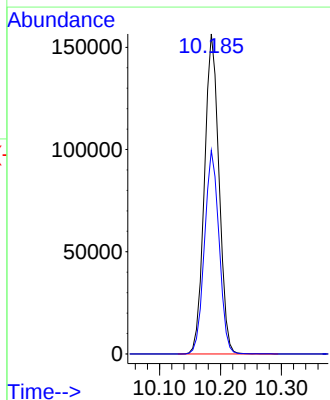
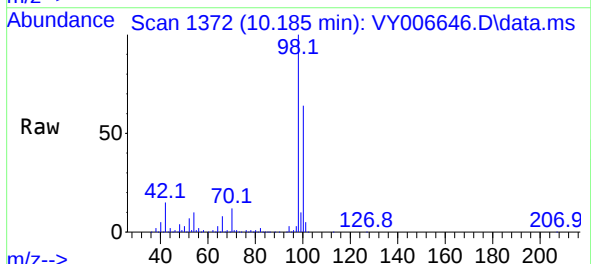


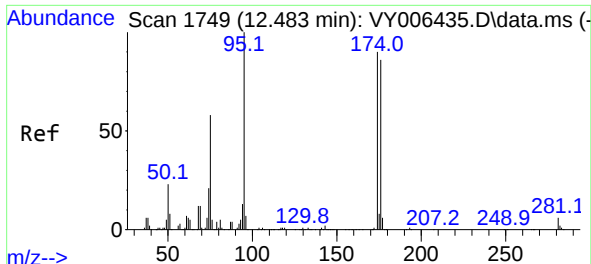
Tgt Ion:117 Resp: 11893
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.334 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

Tgt Ion: 98 Resp: 260140
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

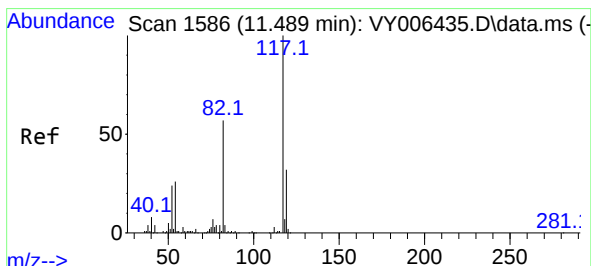
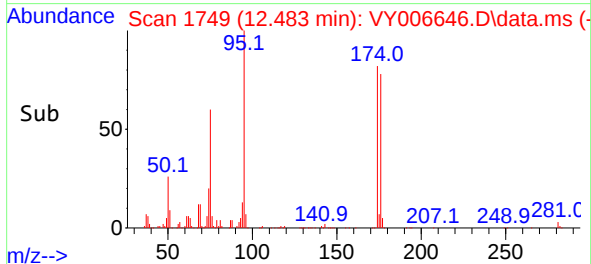
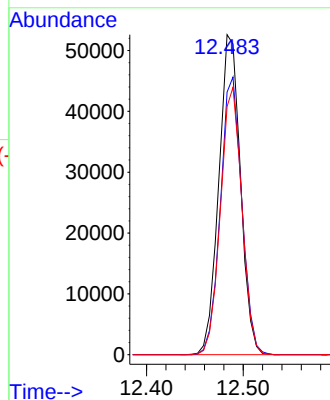
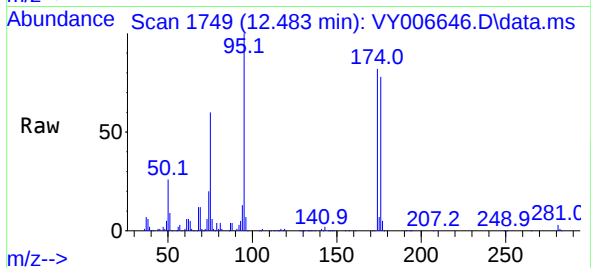




#62
4-Bromofluorobenzene
Concen: 49.660 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

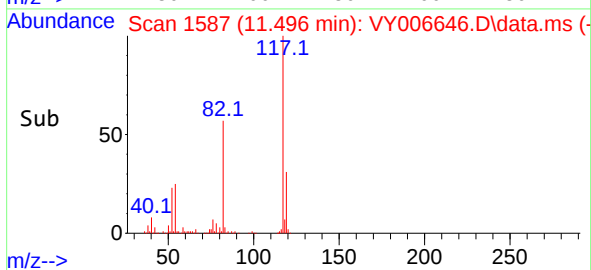
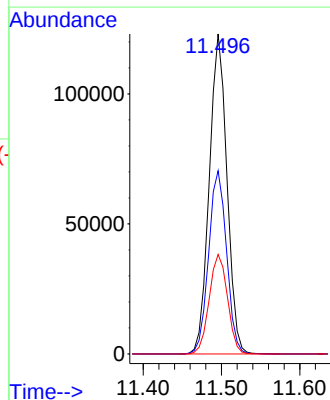
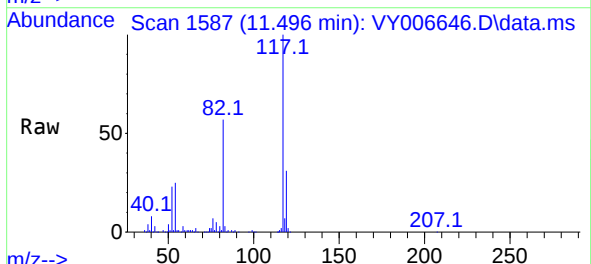
Instrument :
MSVOA_Y
ClientSampleId :

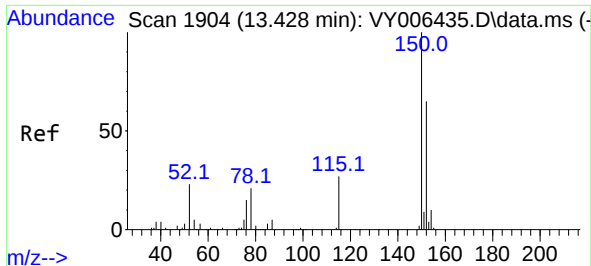
Tgt Ion: 95 Resp: 81594
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

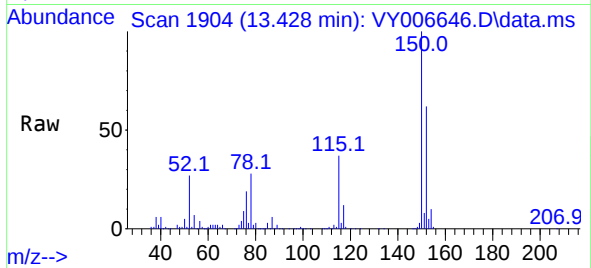
Tgt Ion: 117 Resp: 192570
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 31.1 25.5 38.3



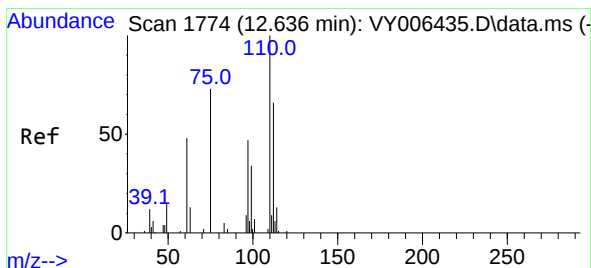
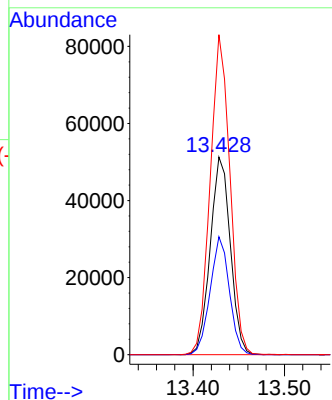
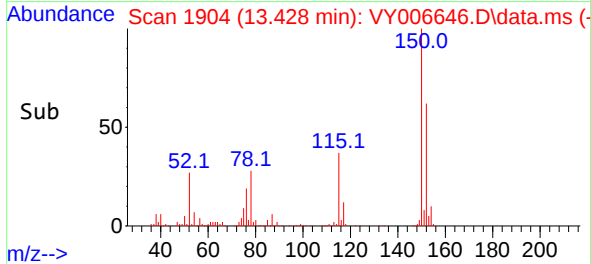


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27

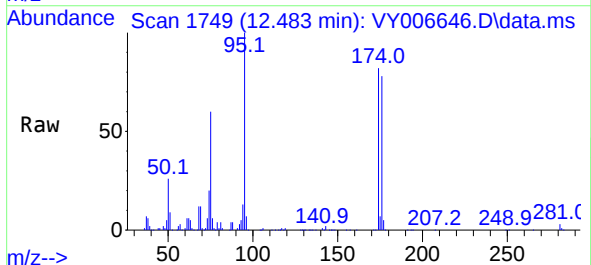
Instrument :
MSVOA_Y
ClientSampleId :



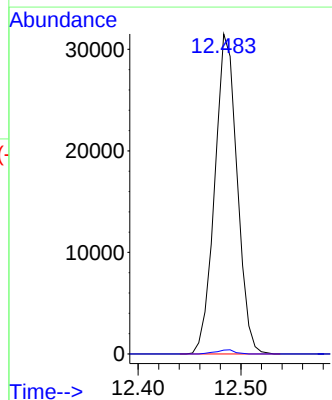
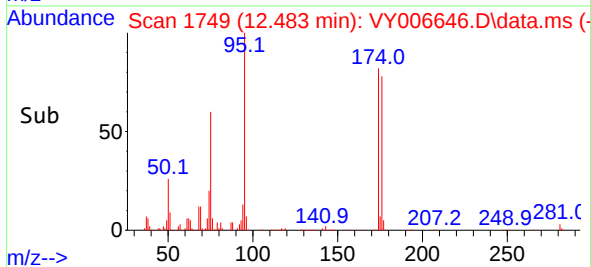
Tgt Ion:152 Resp: 78245
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.5
150 158.6 0.0 348.2

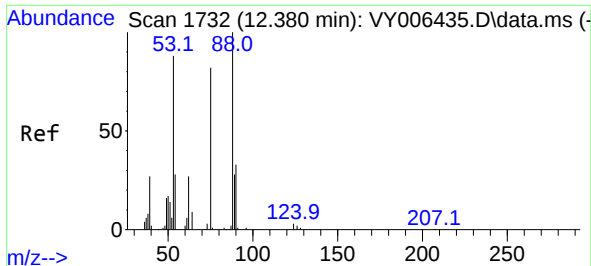


#76
1,2,3-Trichloropropane
Concen: 59.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006646.D
Acq: 05 Nov 2021 10:27



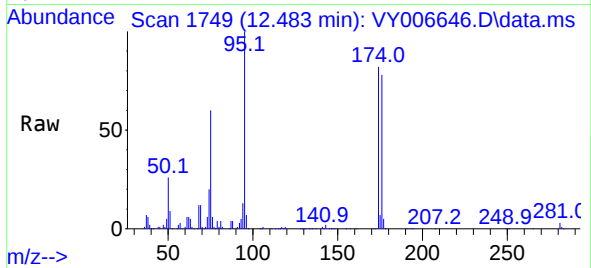
Tgt Ion: 75 Resp: 47595
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.185 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006646.D
 Acq: 05 Nov 2021 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47595
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

