

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006666.D
 Acq On : 05 Nov 2021 19:04
 Operator : SY/MD
 Sample : M4477-11
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:42:54 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

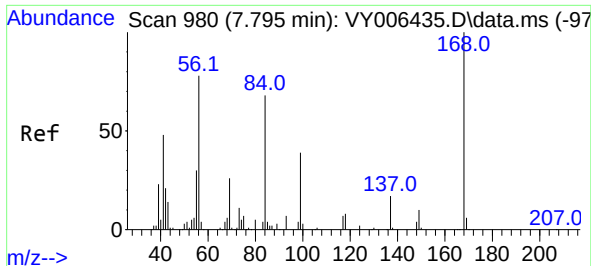
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	36347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	55047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	46633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21090	47.152	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.300%		
35) Dibromofluoromethane	7.728	113	16728	54.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.040%		
50) Toluene-d8	10.185	98	67435	51.848	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.700%		
62) 4-Bromofluorobenzene	12.483	95	17353	39.607	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.220%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	55	1.354	ug/l #	72
16) Acetone	3.942	43	274	2.127	ug/l #	46
20) Methylene Chloride	4.722	84	1433	Below Cal	#	82
31) Cyclohexane	7.801	56	964	1.331	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	3005	5.525	ug/l #	48
38) Carbon Tetrachloride	7.795	117	3502	5.837	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	494	1.411	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	9267	58.437	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9267	119.970	ug/l #	7

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

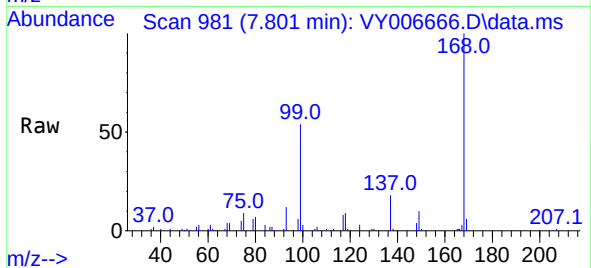
Quant Time: Nov 06 20:42:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



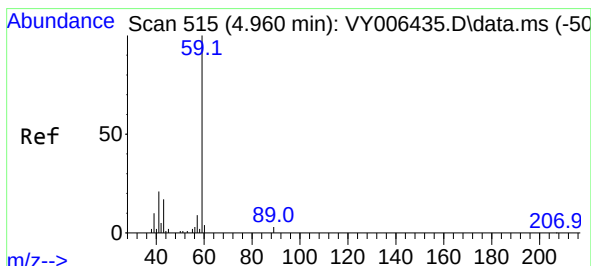
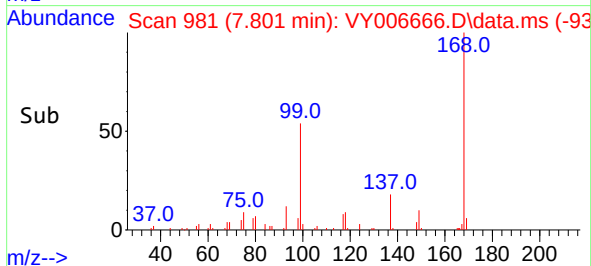
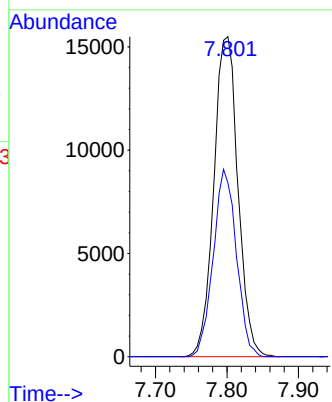


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Instrument :
MSVOA_Y
ClientSampleId :

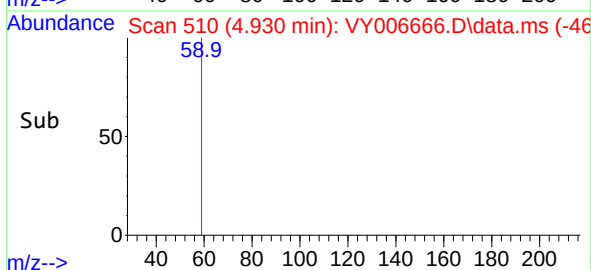
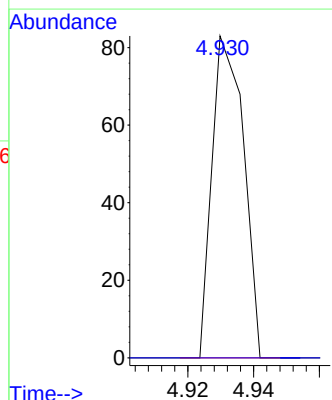
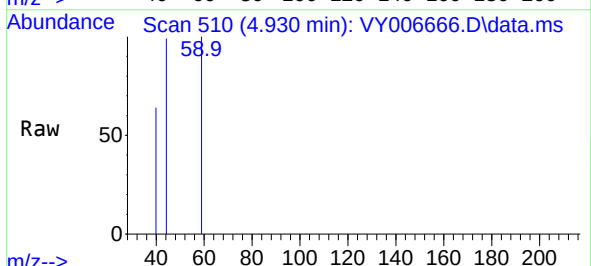


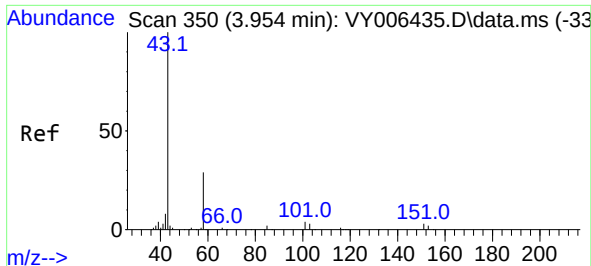
Tgt Ion:168 Resp: 36347
Ion Ratio Lower Upper
168 100
99 54.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.354 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

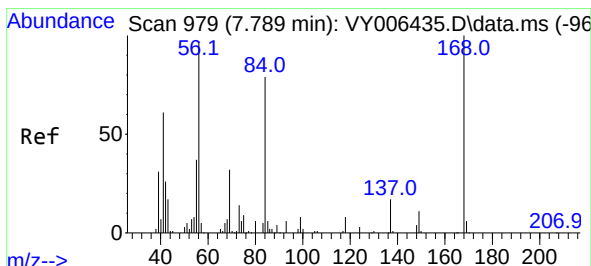
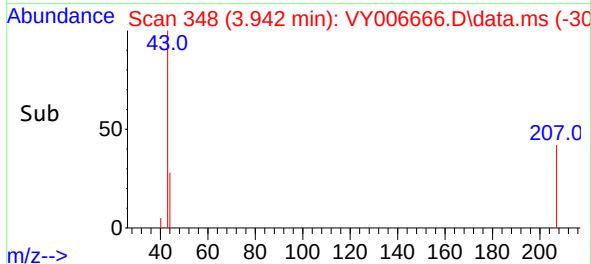
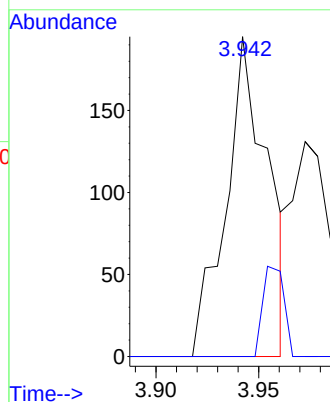
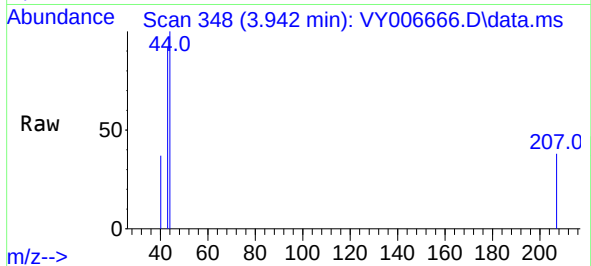




#16
Acetone
Concen: 2.127 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

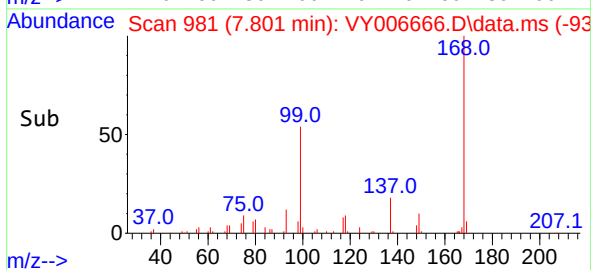
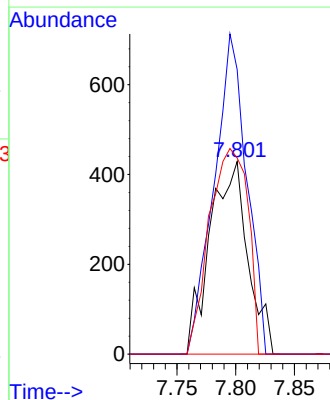
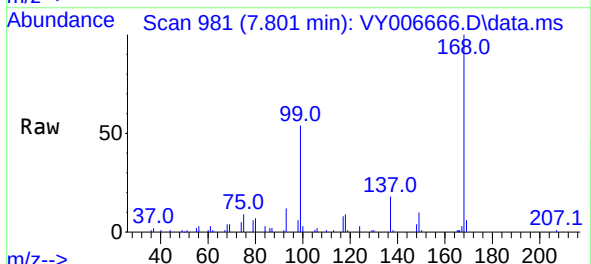
Instrument :
MSVOA_Y
ClientSampleId :

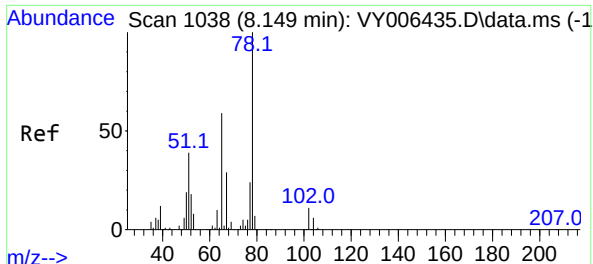
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Tgt Ion: 56 Resp: 964
Ion Ratio Lower Upper
56 100
69 147.8 26.6 40.0#
84 101.9 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 47.152 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY006666.D

Acq: 05 Nov 2021 19:04

Instrument :

MSVOA_Y

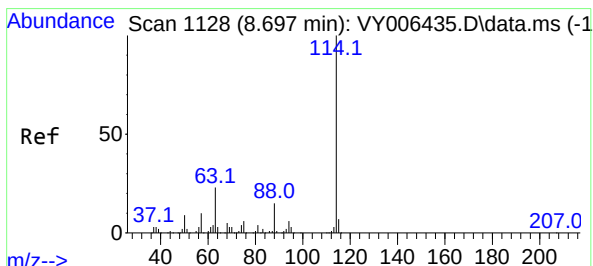
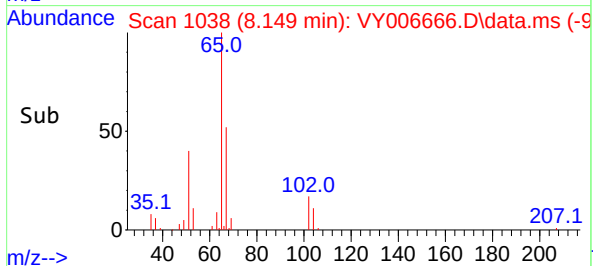
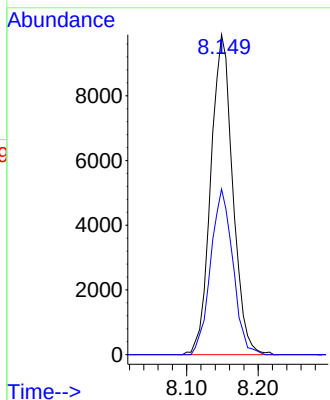
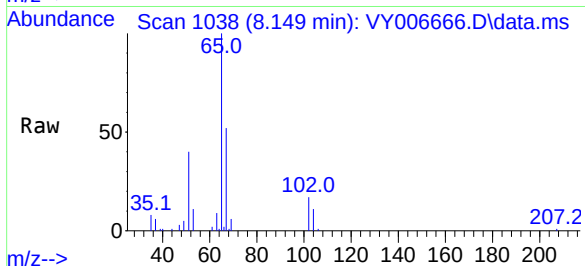
ClientSampleId :

Tgt Ion: 65 Resp: 21090

Ion Ratio Lower Upper

65 100

67 52.3 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: VY006666.D

Acq: 05 Nov 2021 19:04

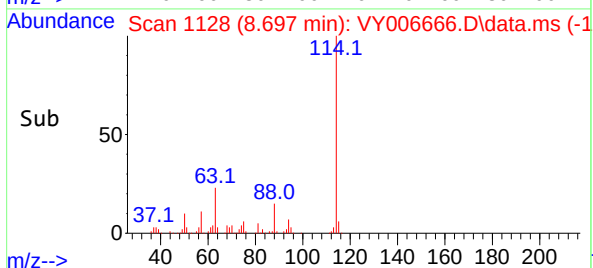
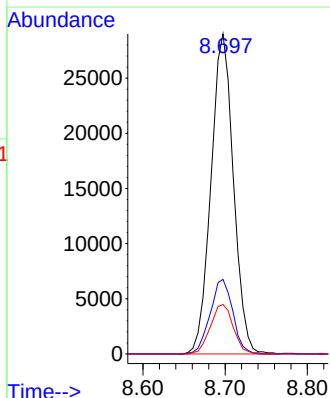
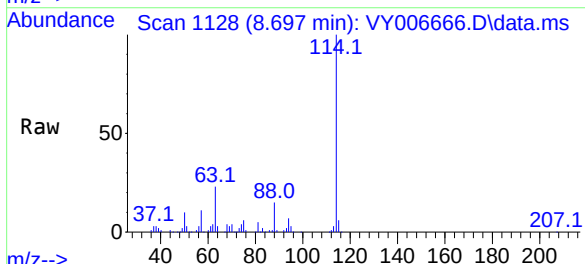
Tgt Ion: 114 Resp: 55047

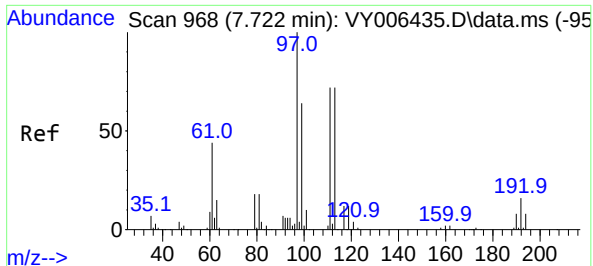
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 15.5 0.0 30.6

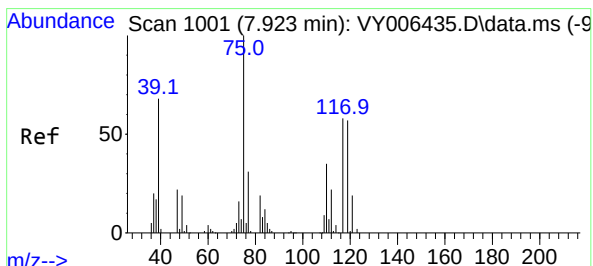
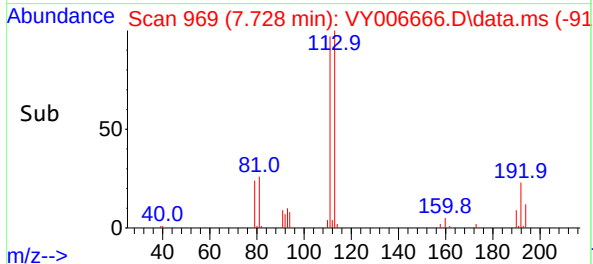
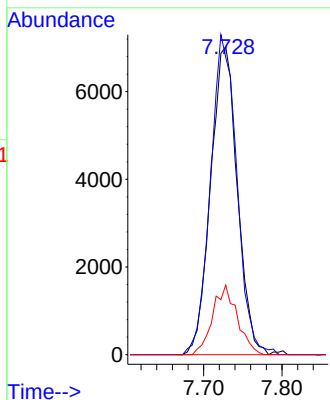
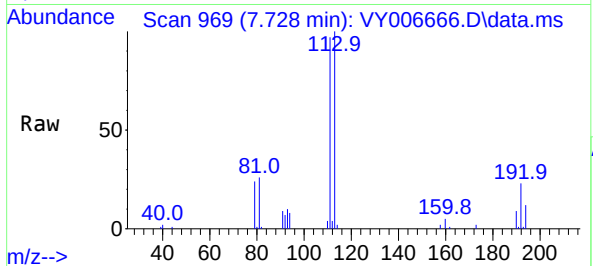




#35
Dibromofluoromethane
Concen: 54.521 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

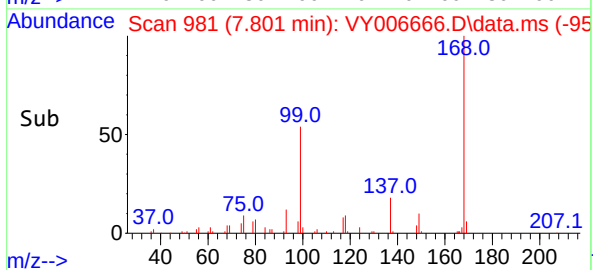
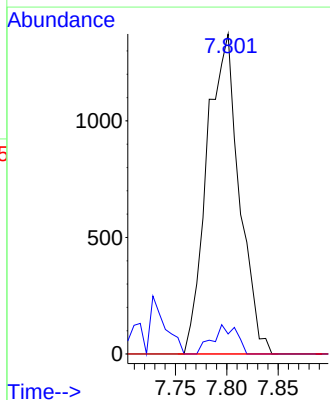
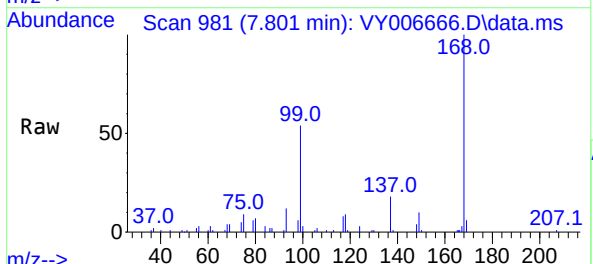
Instrument :
MSVOA_Y
ClientSampleId :

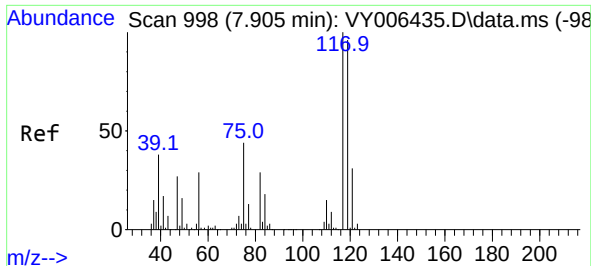
Tgt Ion:113 Resp: 16728
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 20.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.525 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

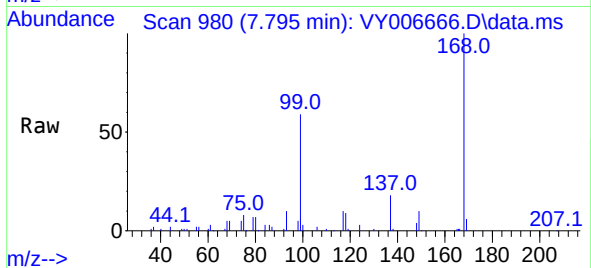
Tgt Ion: 75 Resp: 3005
Ion Ratio Lower Upper
75 100
110 6.7 17.1 51.3#
77 0.0 24.9 37.3#



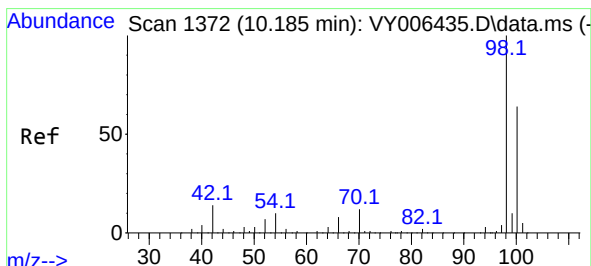
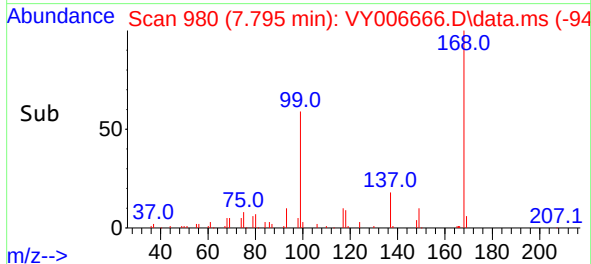
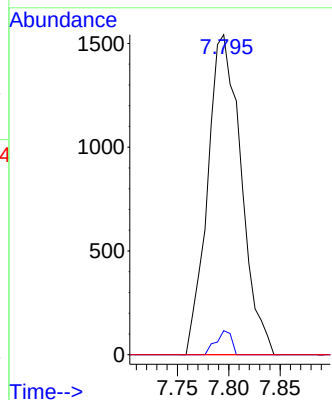


#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Instrument :
MSVOA_Y
ClientSampleId :

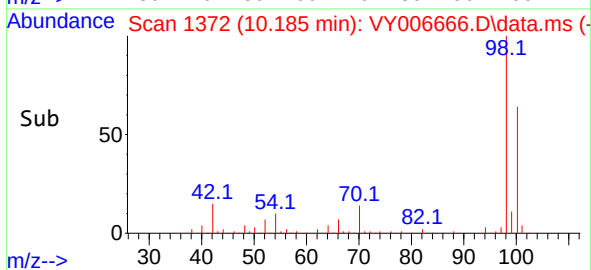
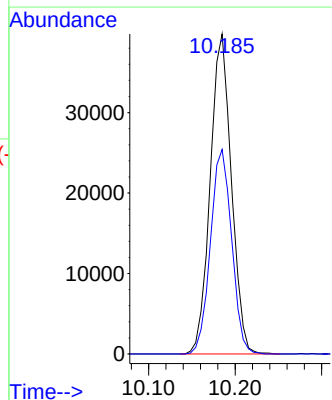
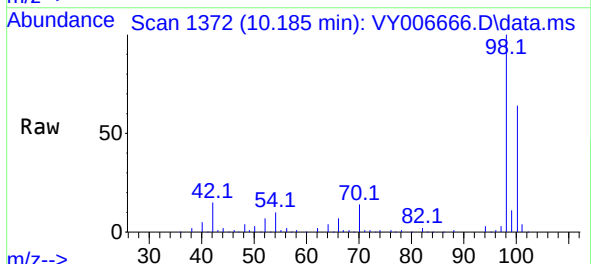


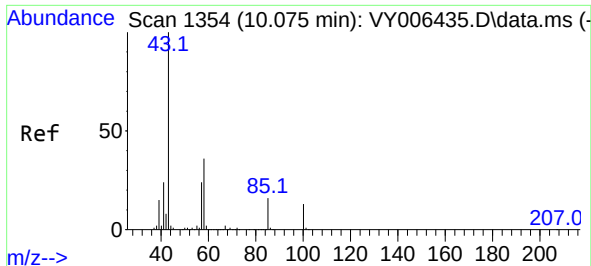
Tgt Ion:117 Resp: 3502
Ion Ratio Lower Upper
117 100
119 7.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.848 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Tgt Ion: 98 Resp: 67435
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

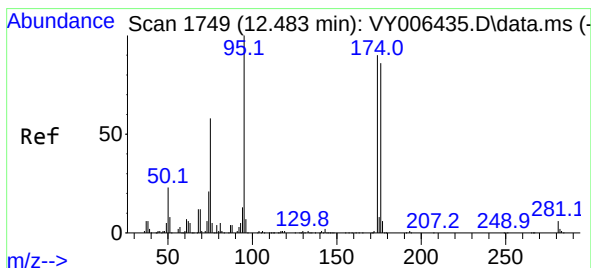
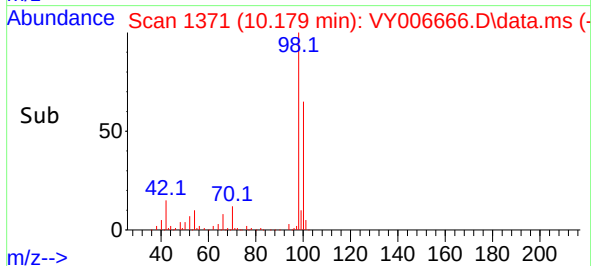
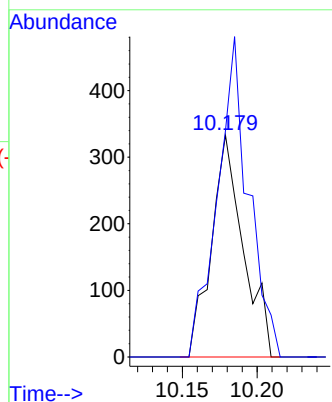
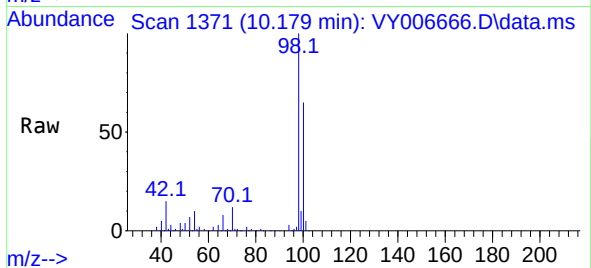




#51
4-Methyl-2-Pentanone
Concen: 1.411 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

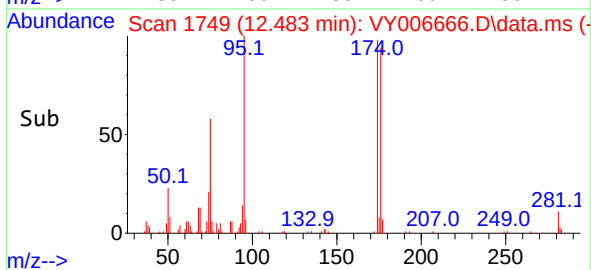
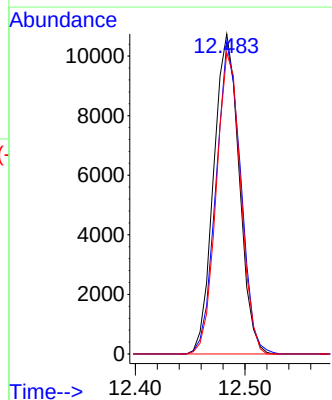
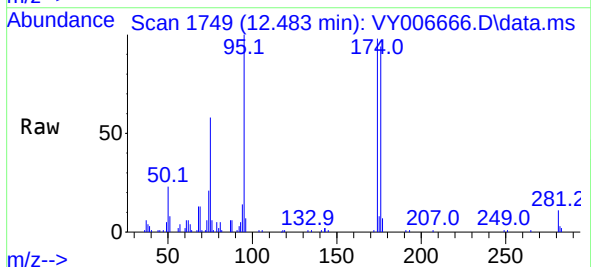
Instrument :
MSVOA_Y
ClientSampleId :

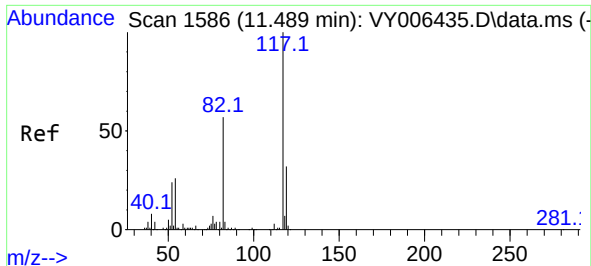
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 141.1 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 39.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

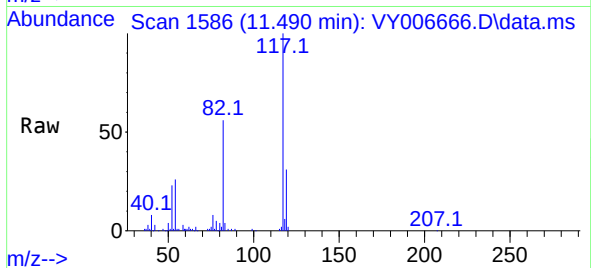
Tgt Ion: 95 Resp: 17353
Ion Ratio Lower Upper
95 100
174 94.2 0.0 177.0
176 89.9 0.0 169.4



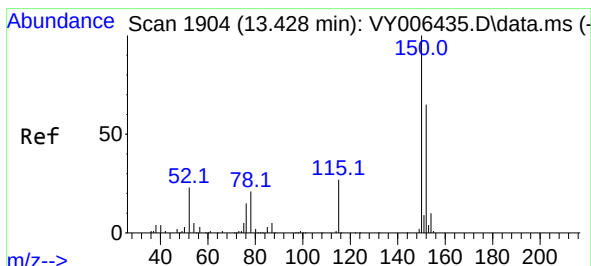
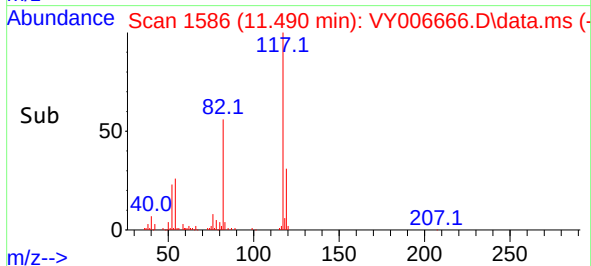
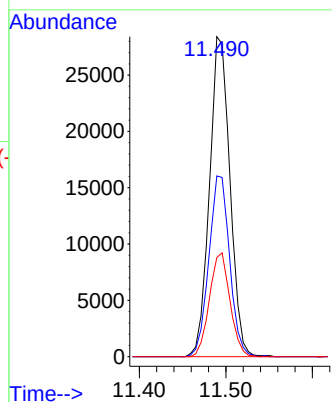


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Instrument :
MSVOA_Y
ClientSampleId :

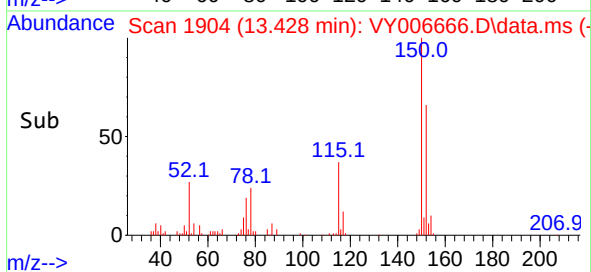
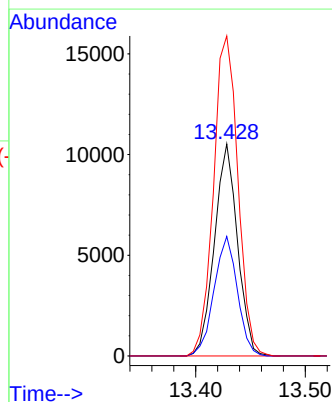
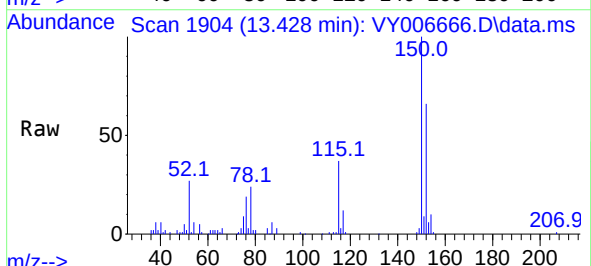


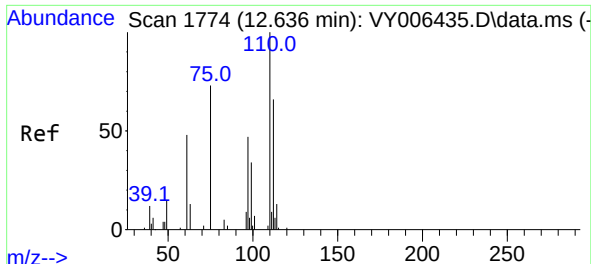
Tgt Ion:117 Resp: 46633
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Tgt Ion:152 Resp: 15389
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 159.6 0.0 348.2

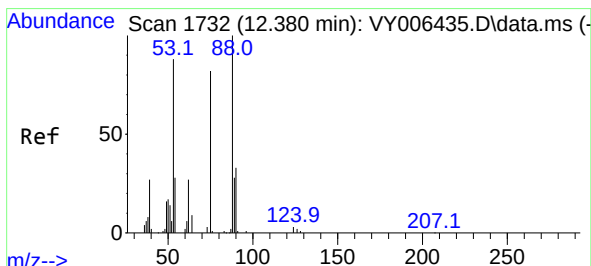
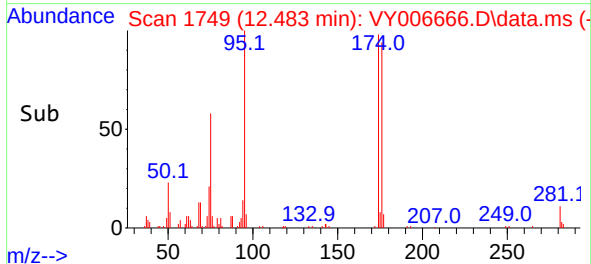
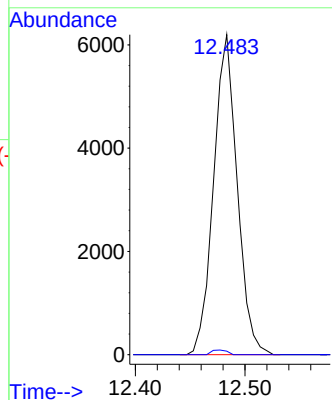
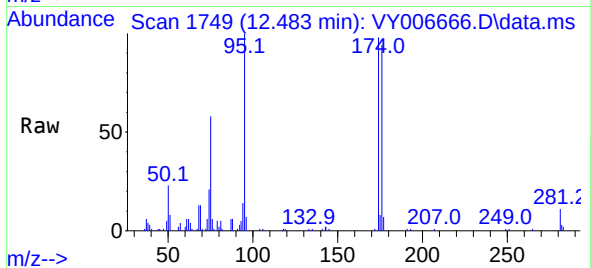




#76
1,2,3-Trichloropropane
Concen: 58.437 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9267
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006666.D
Acq: 05 Nov 2021 19:04

Tgt Ion: 75 Resp: 9267
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

