

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006893.D
 Acq On : 26 Nov 2021 11:37
 Operator : SY/MD
 Sample : VY1126SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

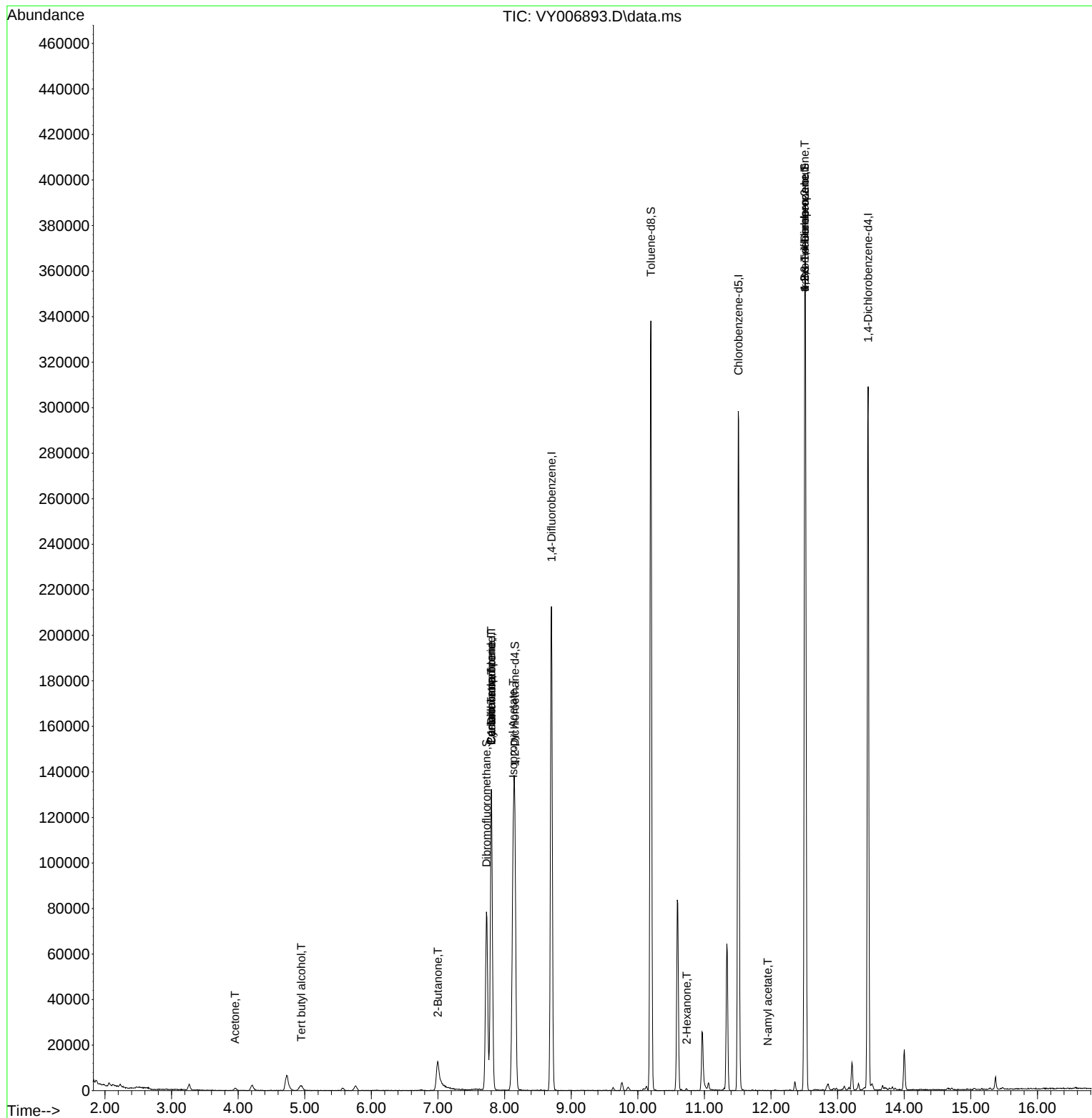
Internal Standards						
1) Pentafluorobenzene	7.801	168	97723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	167609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	165360	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.459	152	72004	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	76099	59.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.840%			
35) Dibromofluoromethane	7.728	113	52073	50.580	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.160%			
50) Toluene-d8	10.197	98	214695	50.394	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.508	95	70849	49.329	ug/l	0.02
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	2842	14.755	ug/l #	72
16) Acetone	3.954	43	1776	4.564	ug/l	98
25) 2-Butanone	6.996	43	1151	13.441	ug/l #	52
31) Cyclohexane	7.801	56	2419	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8957	4.916	ug/l #	48
38) Carbon Tetrachloride	7.801	117	9760	5.238	ug/l #	16
43) Isopropyl Acetate	8.130	43	2900	1.269	ug/l #	17
59) 2-Hexanone	10.733	43	483	24.311	ug/l #	28
74) N-amyl acetate	11.953	43	23	3.166	ug/l #	47
76) 1,2,3-Trichloropropane	12.508	75	41114	52.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	41114	104.065	ug/l #	7

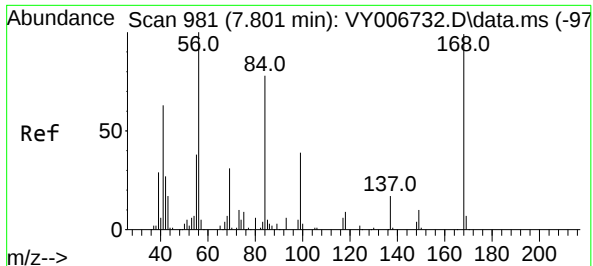
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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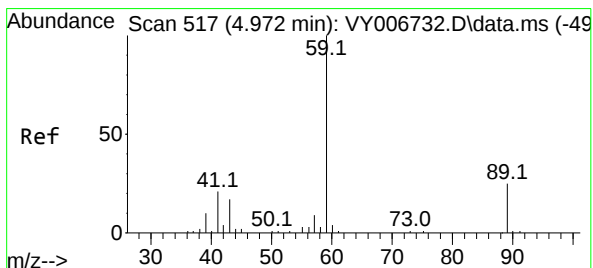
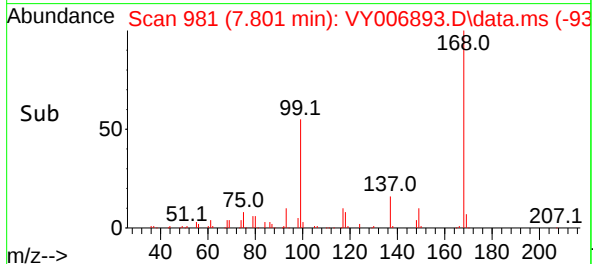
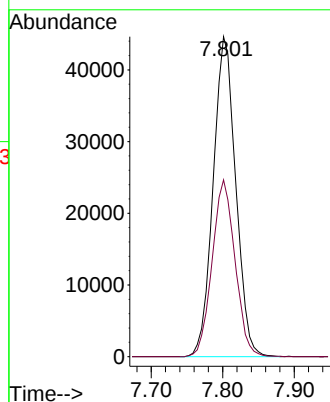
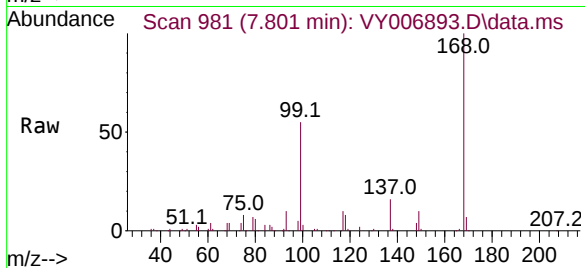




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

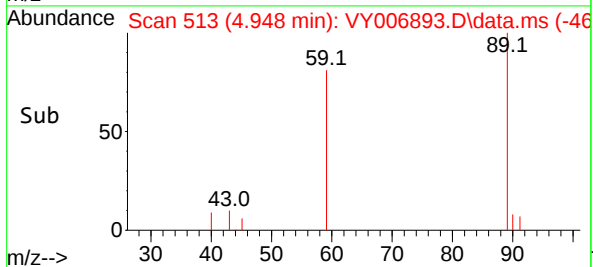
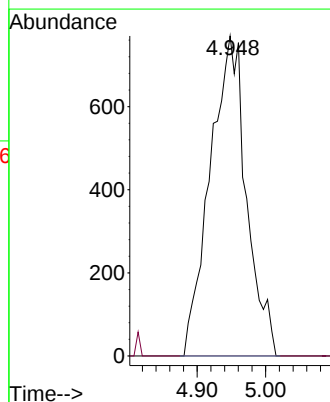
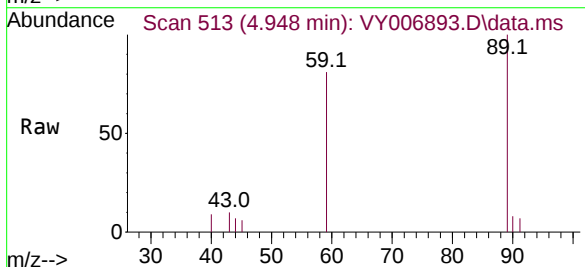
Instrument :
MSVOA_Y
ClientSampleId :

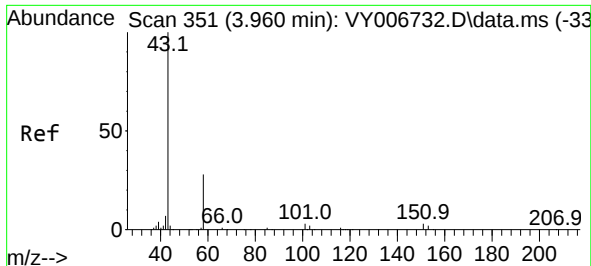
Tgt Ion:168 Resp: 97723
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 14.755 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 59 Resp: 2842
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

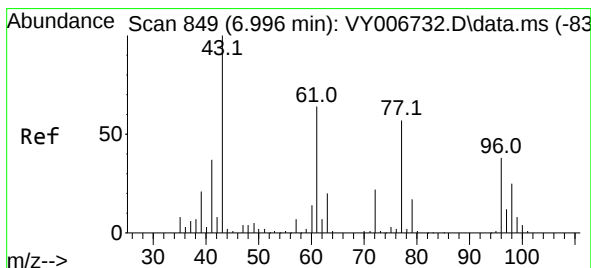
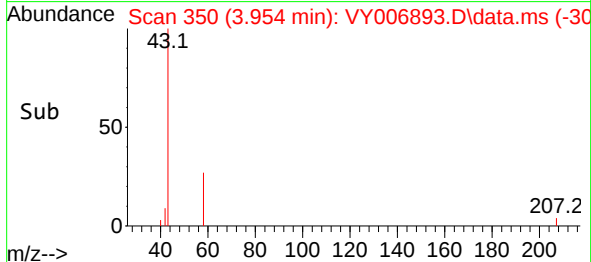
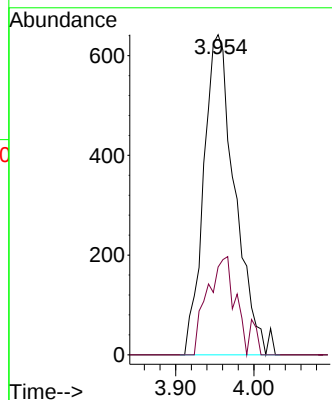
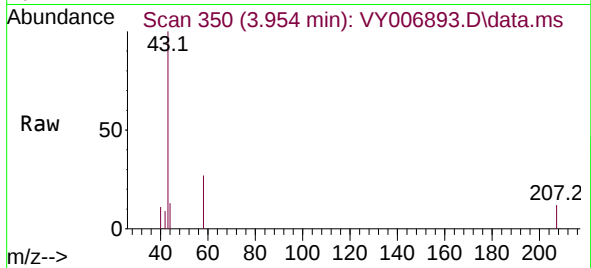




#16
Acetone
Concen: 4.564 ug/l
RT: 3.954 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

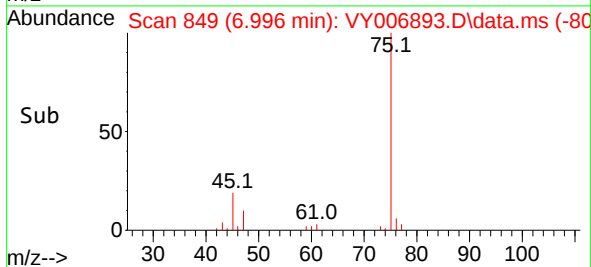
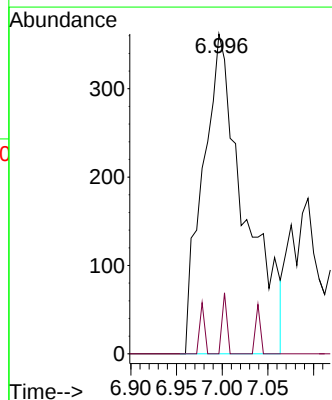
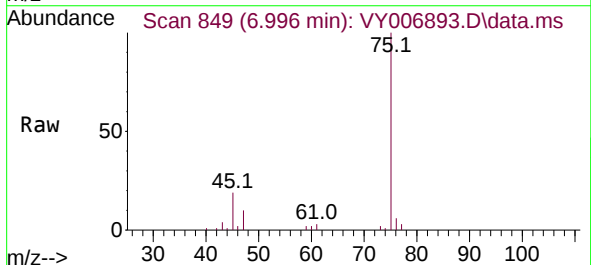
Instrument :
MSVOA_Y
ClientSampleId :

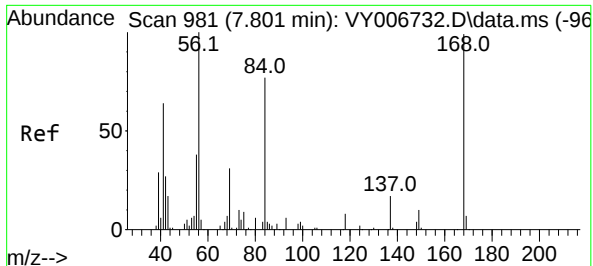
Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 27.4 22.9 34.3



#25
2-Butanone
Concen: 13.441 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

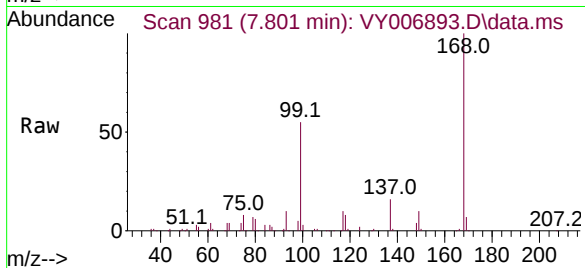
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



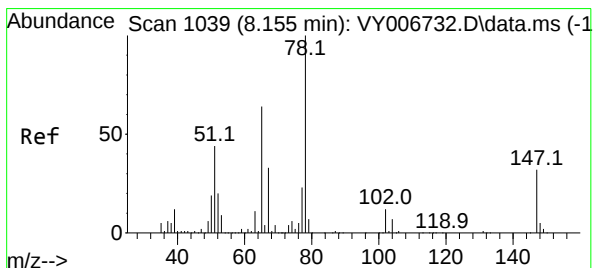
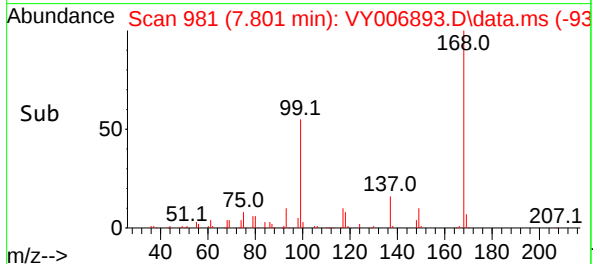
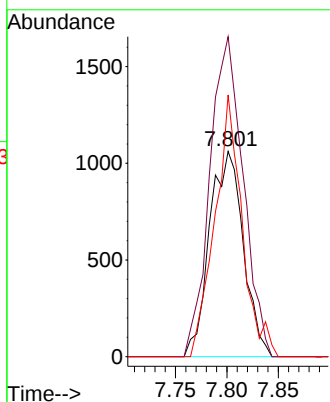


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_Y
ClientSampleId :

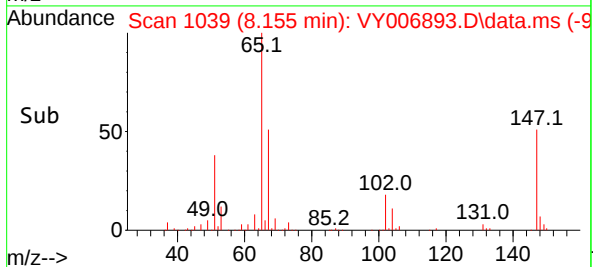
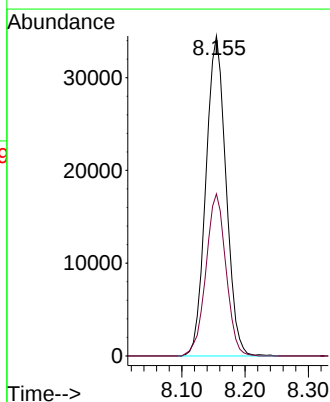
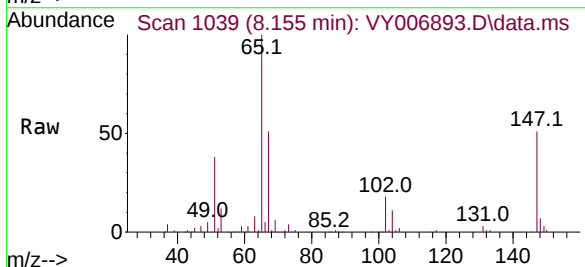


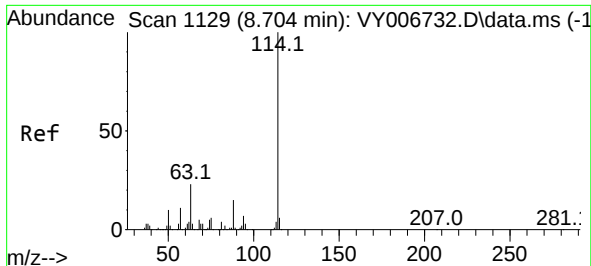
Tgt Ion: 56 Resp: 2419
Ion Ratio Lower Upper
56 100
69 155.8 26.6 40.0#
84 127.5 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 59.416 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 65 Resp: 76099
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006893.D

Acq: 26 Nov 2021 11:37

Instrument :

MSVOA_Y

ClientSampleId :

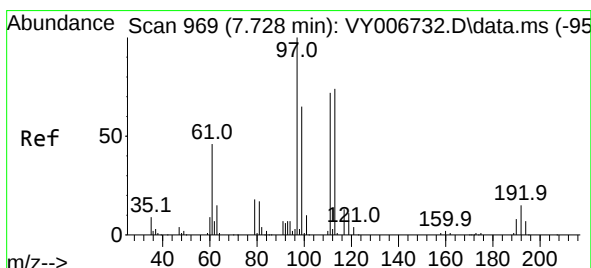
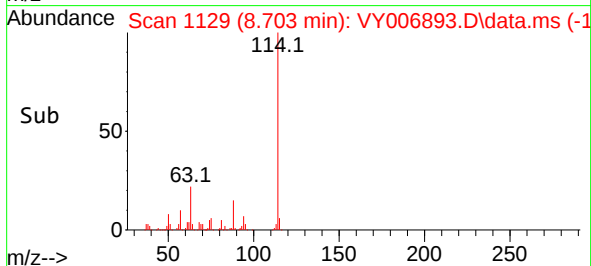
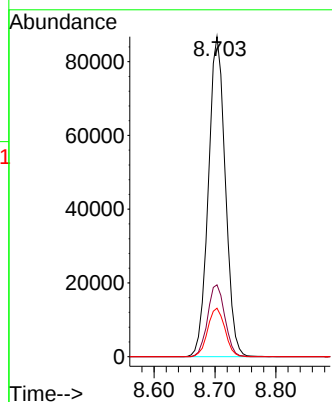
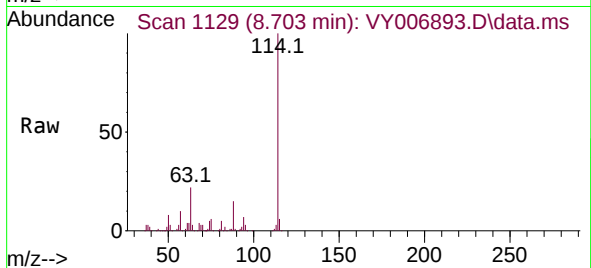
Tgt Ion:114 Resp: 167609

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.580 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006893.D

Acq: 26 Nov 2021 11:37

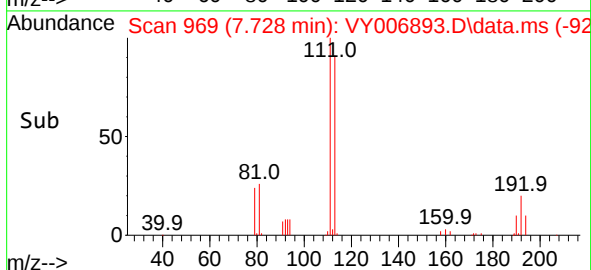
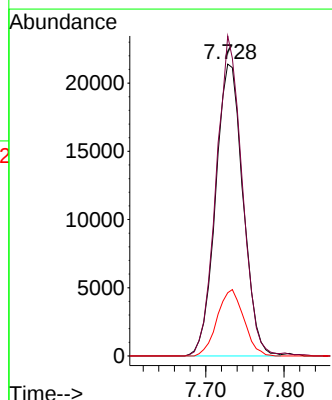
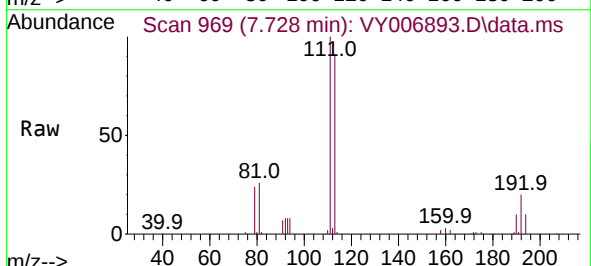
Tgt Ion:113 Resp: 52073

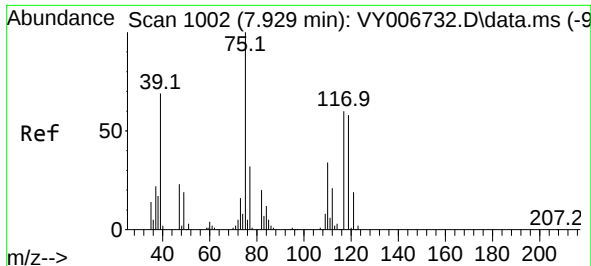
Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 22.0 17.4 26.2

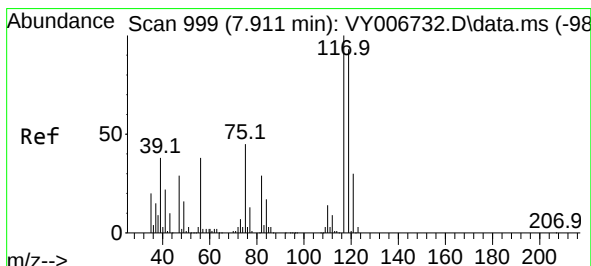
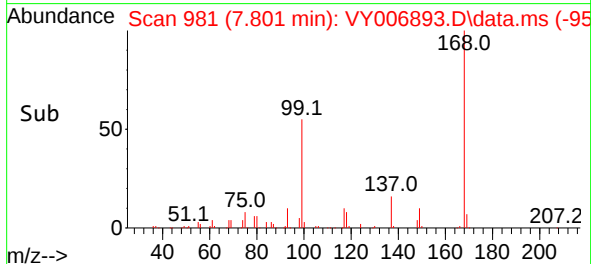
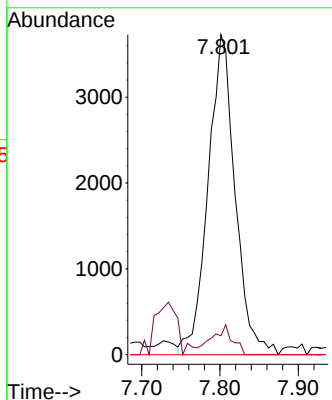
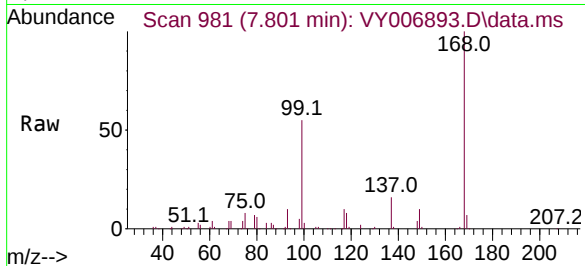




#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

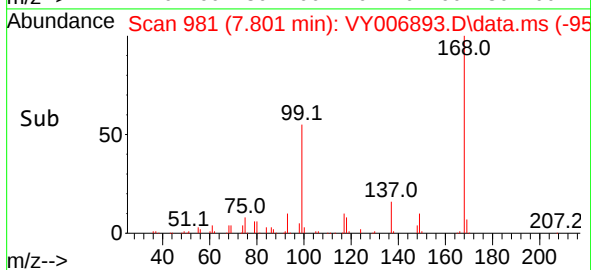
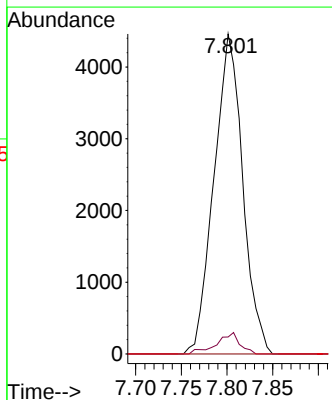
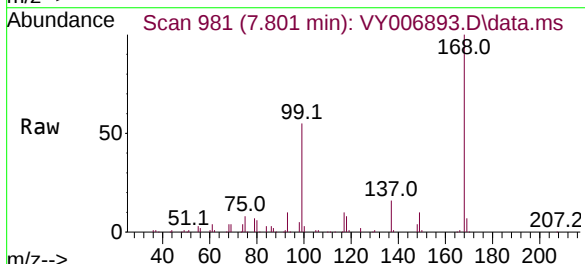
Instrument :
MSVOA_Y
ClientSampleId :

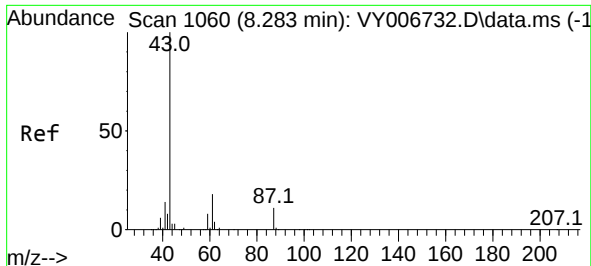
Tgt Ion: 75 Resp: 8957
Ion Ratio Lower Upper
75 100
110 7.0 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.238 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 117 Resp: 9760
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 24.7 37.1#

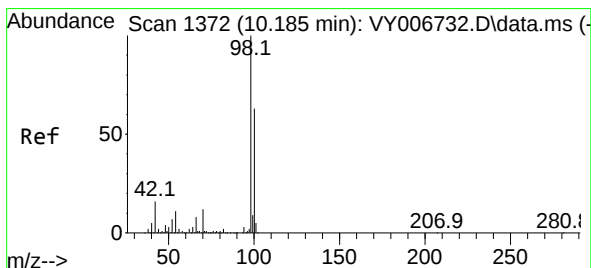
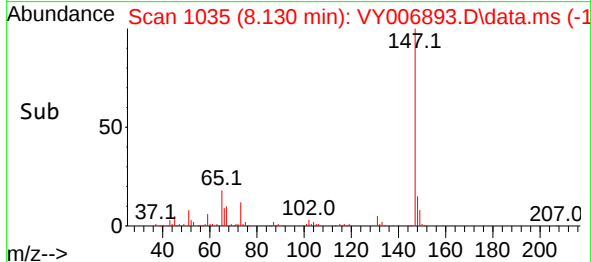
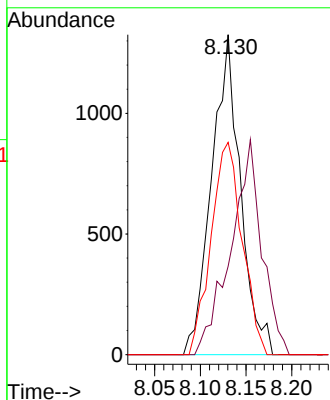
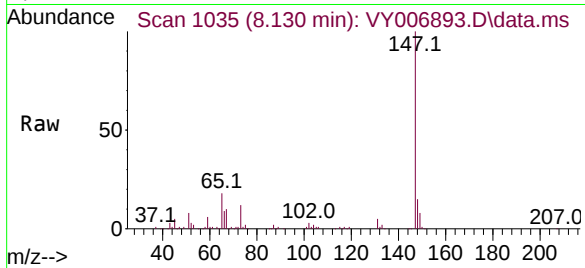




#43
Isopropyl Acetate
Concen: 1.269 ug/l
RT: 8.130 min Scan# 1060
Delta R.T. -0.153 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

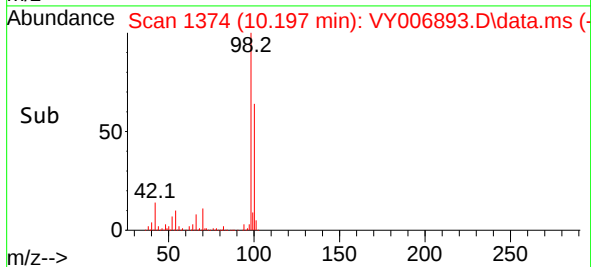
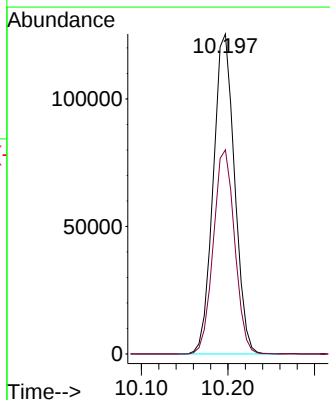
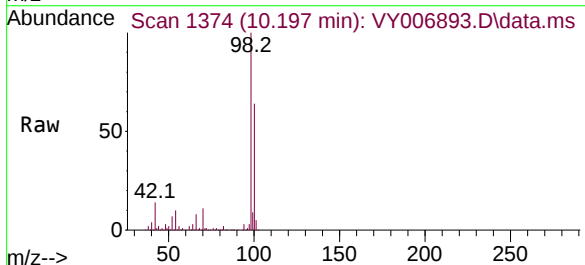
Instrument :
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ClientSampleId :

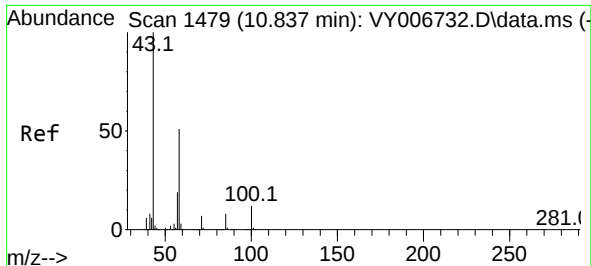
Tgt Ion: 43 Resp: 2900
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 71.7 9.0 13.6#



#50
Toluene-d8
Concen: 50.394 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 98 Resp: 214695
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

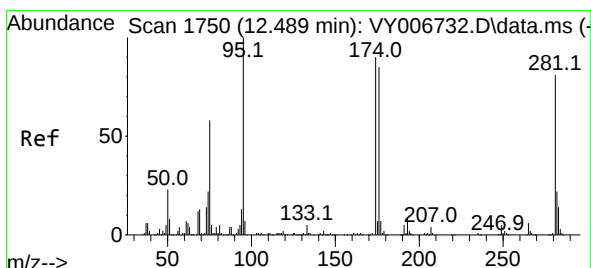
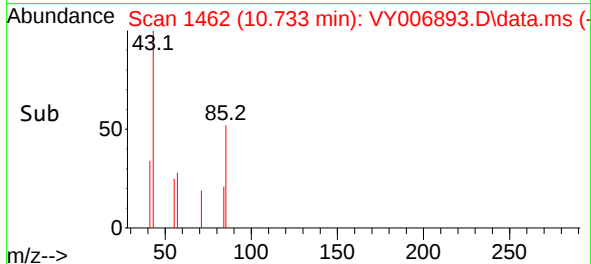
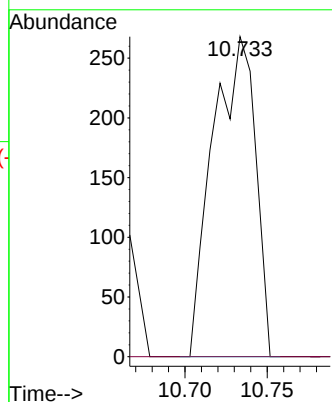
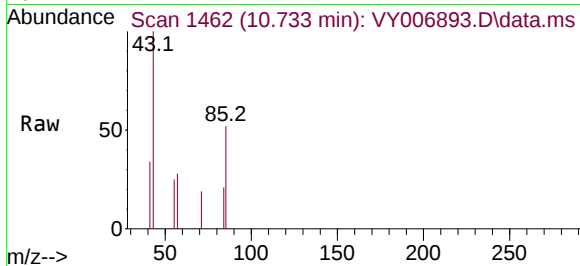




#59
2-Hexanone
Concen: 24.311 ug/l
RT: 10.733 min Scan# 1479
Delta R.T. -0.104 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

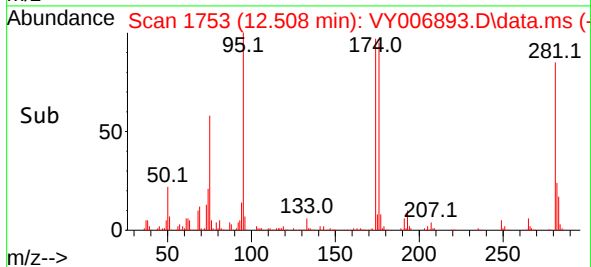
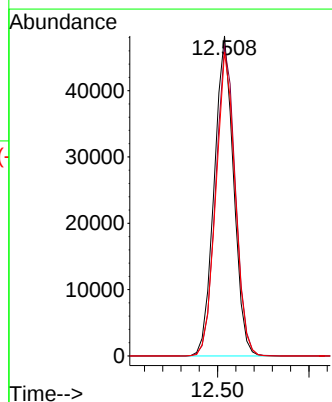
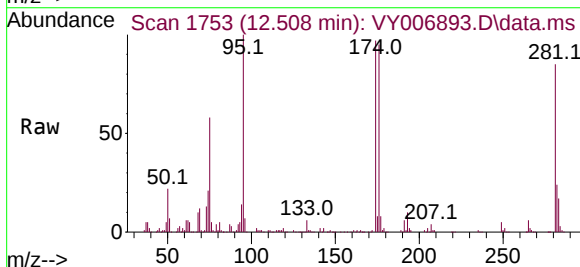
Instrument :
MSVOA_Y
ClientSampleId :

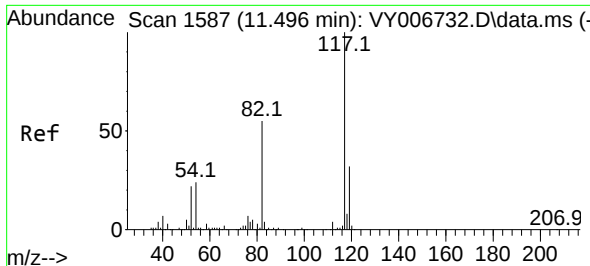
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 49.329 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

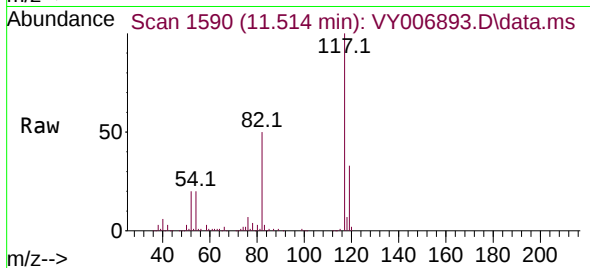
Tgt Ion: 95 Resp: 70849
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 94.5 0.0 169.4



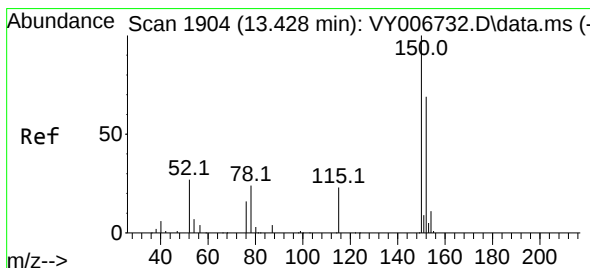
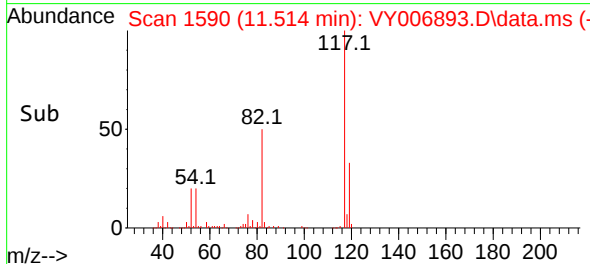
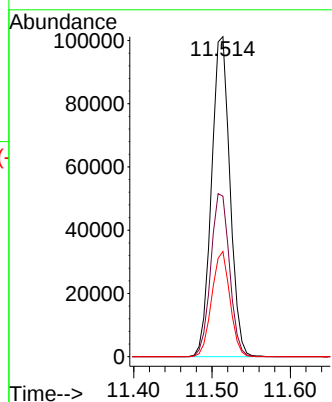


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_Y
ClientSampleId :

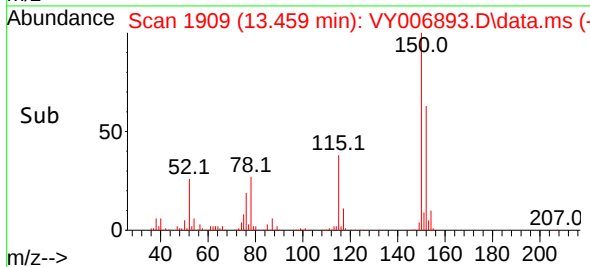
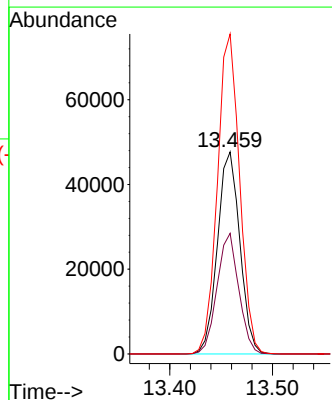
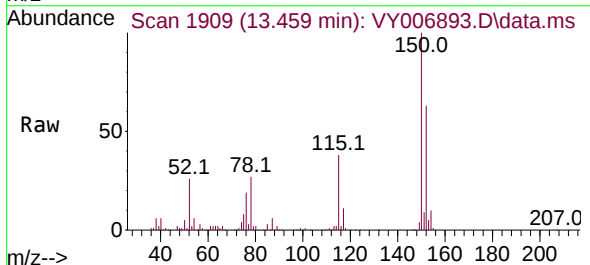


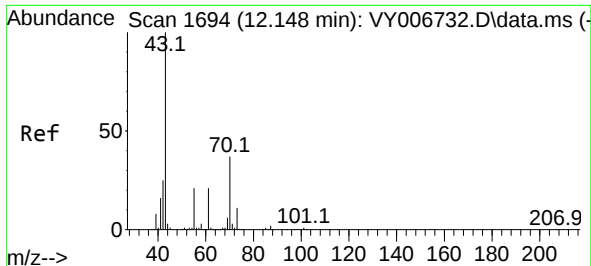
Tgt Ion:117 Resp: 165360
Ion Ratio Lower Upper
117 100
82 50.1 45.7 68.5
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.031 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

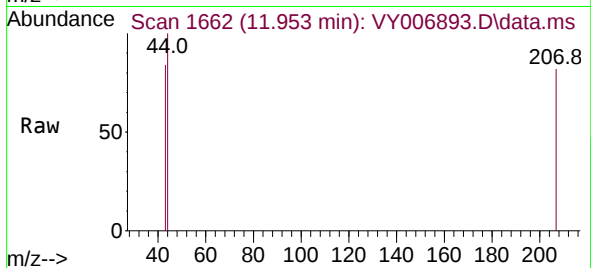
Tgt Ion:152 Resp: 72004
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.5
150 156.7 0.0 348.2



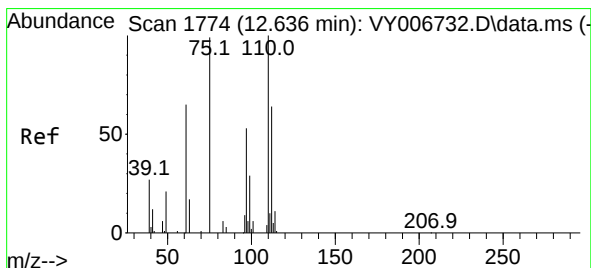
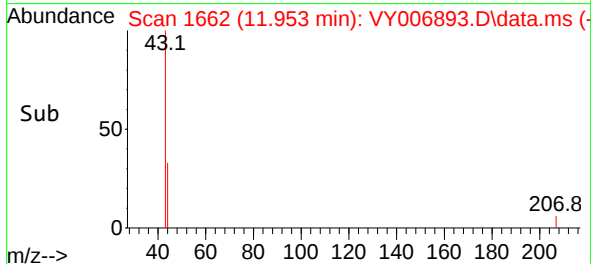
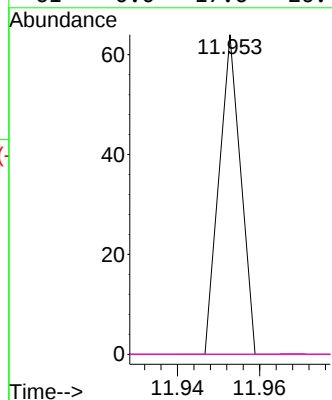


#74
N-amy1 acetate
Concen: 3.166 ug/l
RT: 11.953 min Scan# 1
Delta R.T. -0.195 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_Y
ClientSampleId :

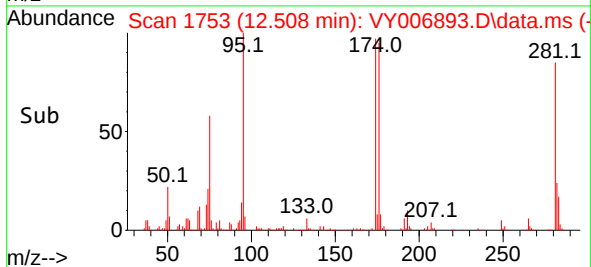
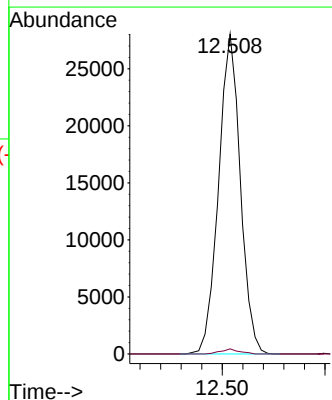
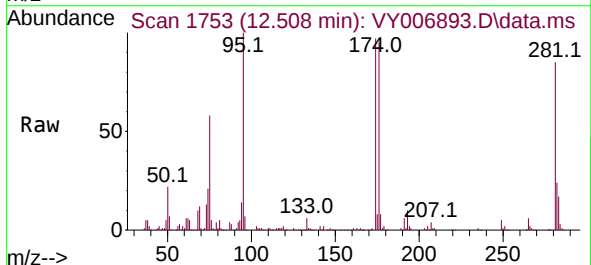


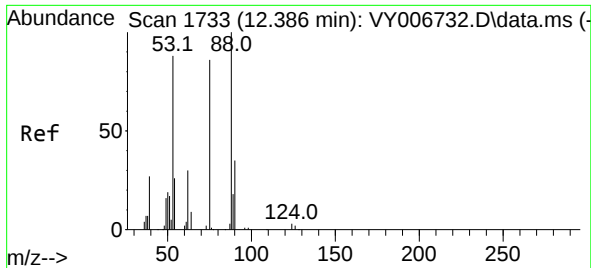
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 52.519 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.128 min
Lab File: VY006893.D
Acq: 26 Nov 2021 11:37

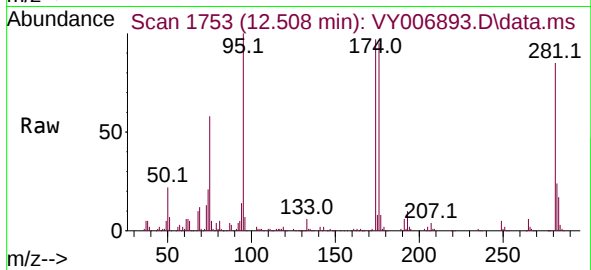
Tgt Ion: 75 Resp: 41114
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.065 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.122 min
 Lab File: VY006893.D
 Acq: 26 Nov 2021 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	41114
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.9	39.3	58.9#

