

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006824.D
 Acq On : 19 Nov 2021 12:47
 Operator : SY/MD
 Sample : M4766-03RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:19:09 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)

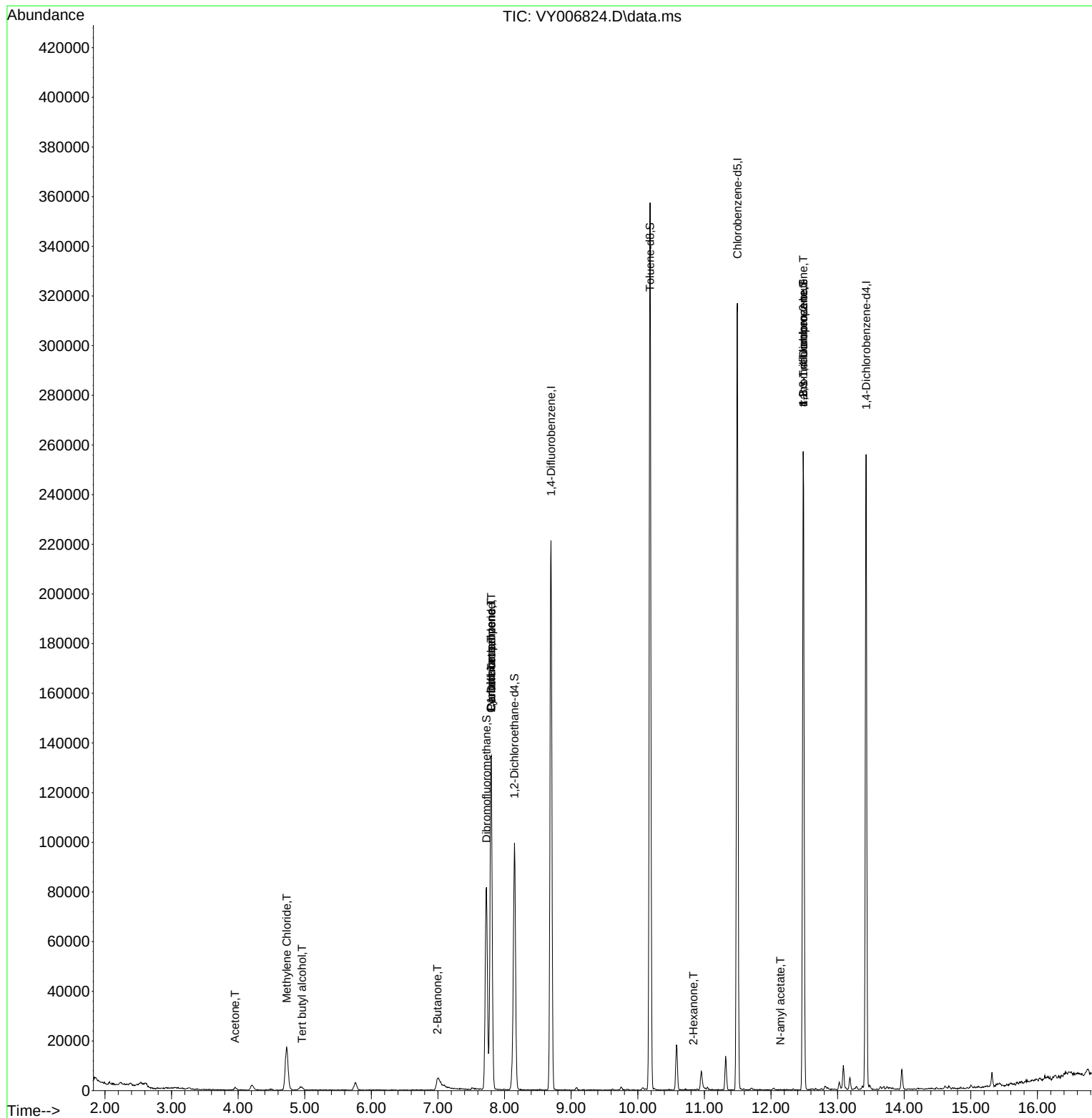
Internal Standards						
1) Pentafluorobenzene	7.801	168	100492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	156669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74756	56.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.520%	
35) Dibromofluoromethane	7.728	113	54796	51.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.185	98	221115	50.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.483	95	62925	42.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1957	9.880	ug/l #	75
16) Acetone	3.954	43	1913	4.781	ug/l	98
20) Methylene Chloride	4.729	84	11222	6.411	ug/l	96
25) 2-Butanone	6.990	43	783	12.784	ug/l #	52
31) Cyclohexane	7.795	56	2634	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8871	4.710	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10315	5.354	ug/l #	17
59) 2-Hexanone	10.837	43	166	23.981	ug/l #	28
74) N-amyl acetate	12.142	43	33	3.175	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	37616	59.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37616	117.446	ug/l #	7

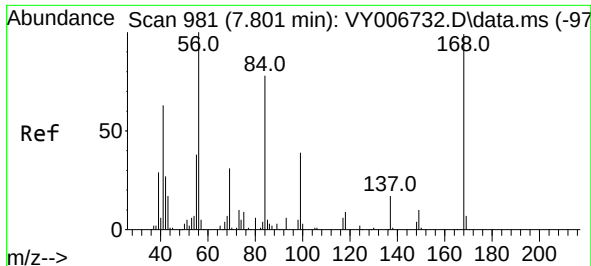
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
Data File : VY006824.D
Acq On : 19 Nov 2021 12:47
Operator : SY/MD
Sample : M4766-03RE
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 03:19:09 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

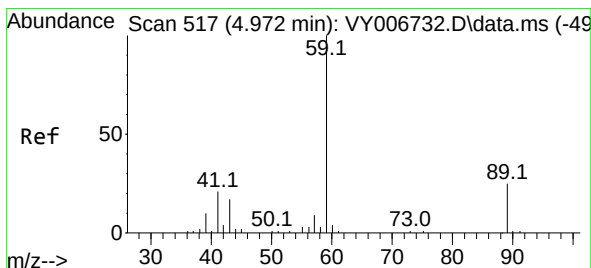
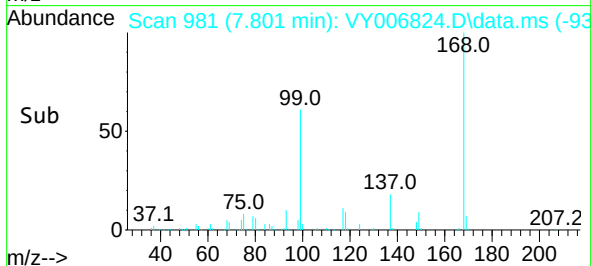
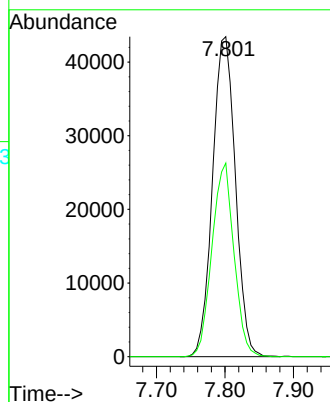
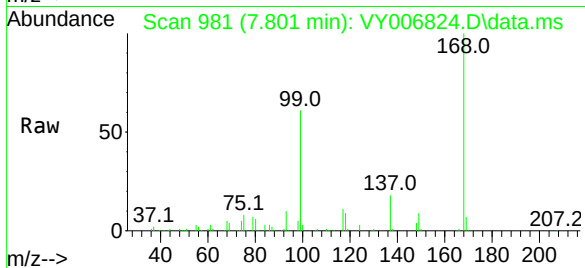




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

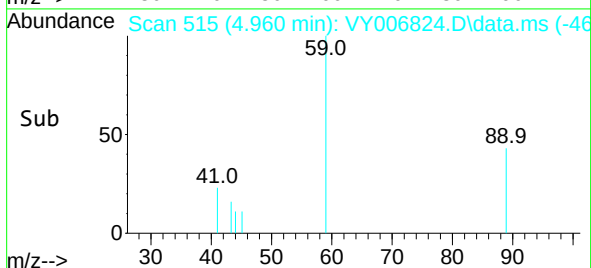
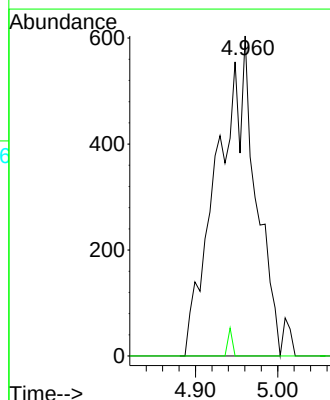
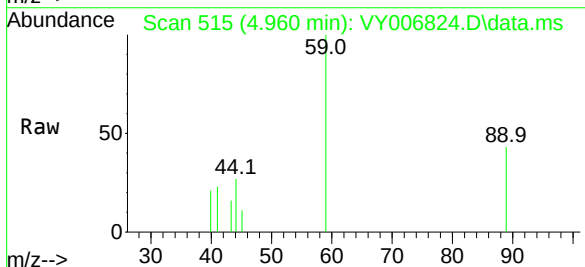
Instrument :
MSVOA_Y
ClientSampleId :

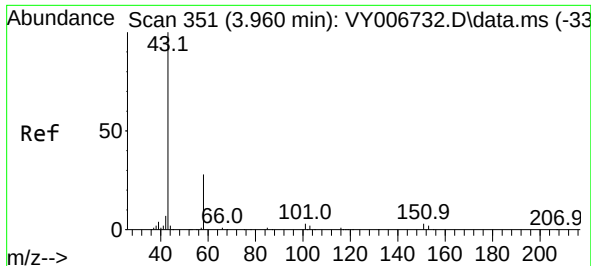
Tgt Ion:168 Resp: 100492
Ion Ratio Lower Upper
168 100
99 60.5 44.8 67.2



#11
Tert butyl alcohol
Concen: 9.880 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

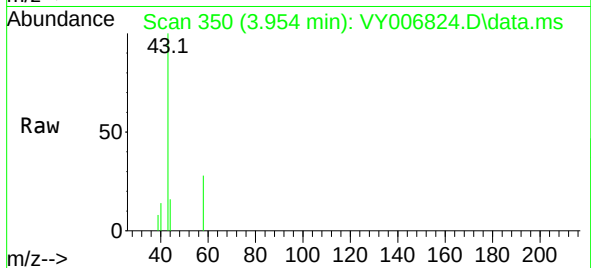
Tgt Ion: 59 Resp: 1957
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.4#



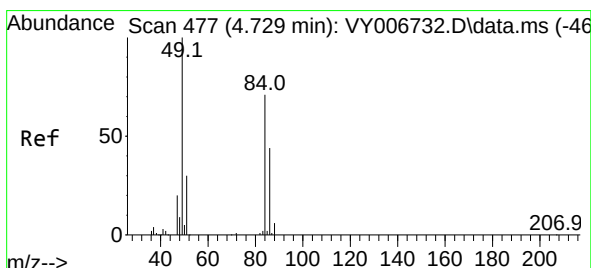
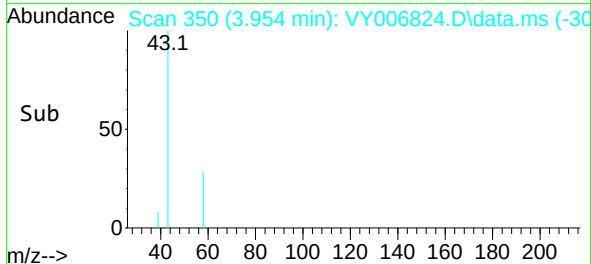
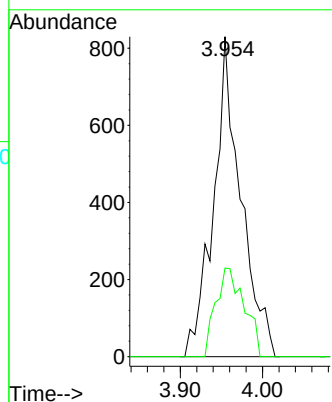


#16
Acetone
Concen: 4.781 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Instrument :
MSVOA_Y
ClientSampleId :

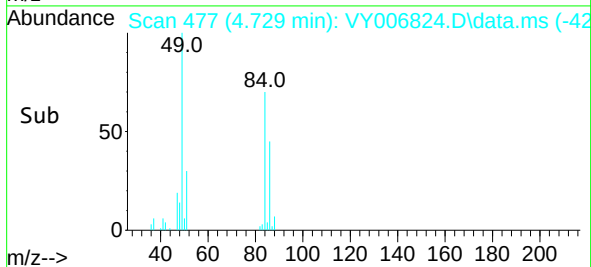
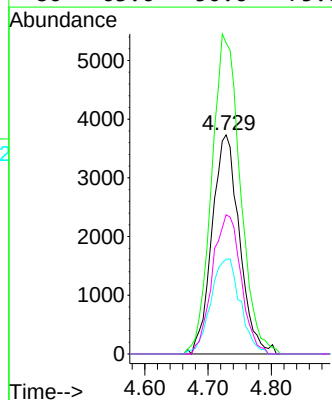
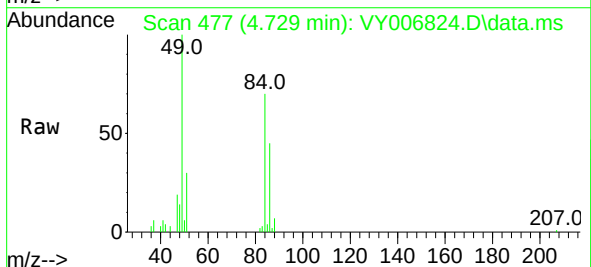


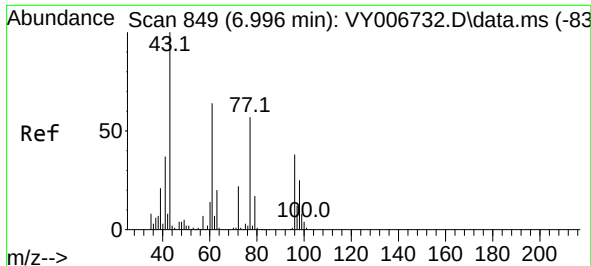
Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
58 27.7 22.9 34.3



#20
Methylene Chloride
Concen: 6.411 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

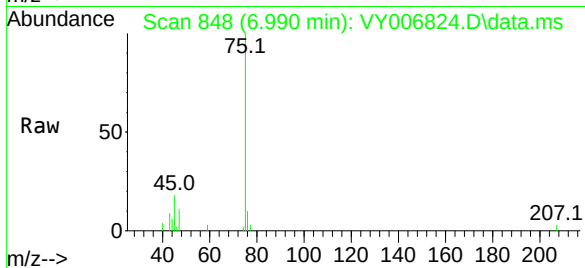
Tgt Ion: 84 Resp: 11222
Ion Ratio Lower Upper
84 100
49 142.0 107.8 161.8
51 43.2 32.8 49.2
86 63.6 50.6 75.8



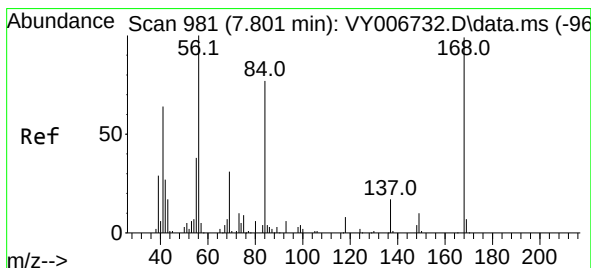
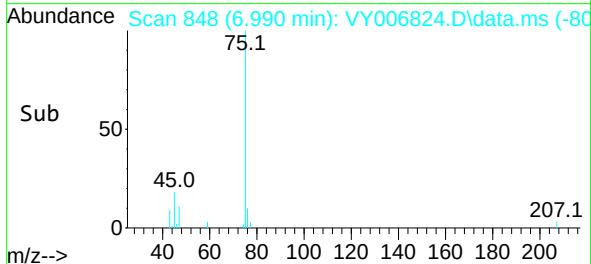
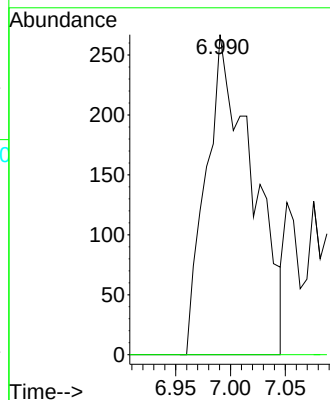


#25
2-Butanone
Concen: 12.784 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Instrument :
MSVOA_Y
ClientSampleId :

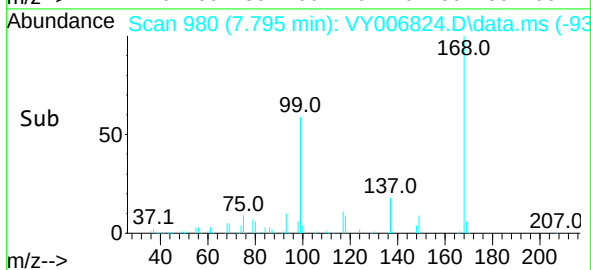
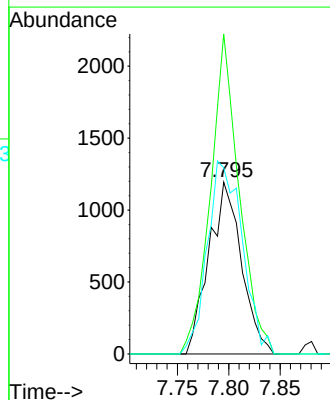
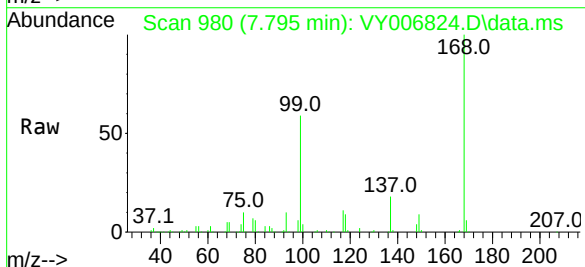


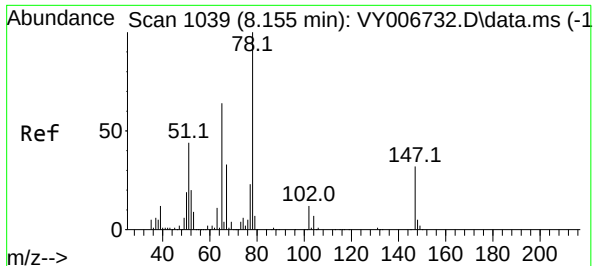
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Tgt Ion: 56 Resp: 2634
Ion Ratio Lower Upper
56 100
69 186.3 26.6 40.0#
84 108.4 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 56.759 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006824.D

Acq: 19 Nov 2021 12:47

Instrument :

MSVOA_Y

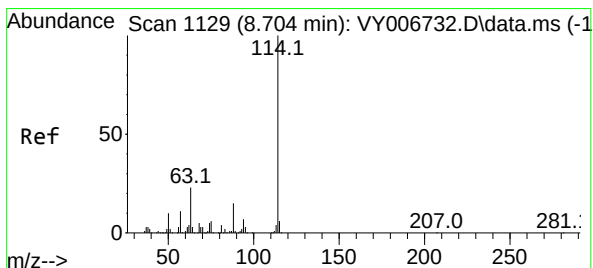
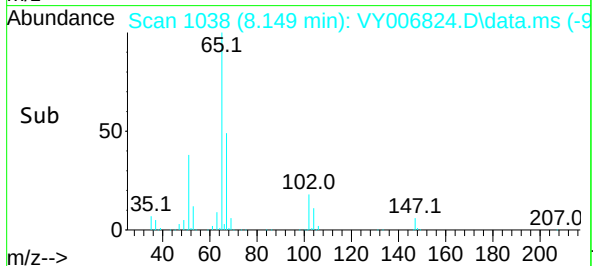
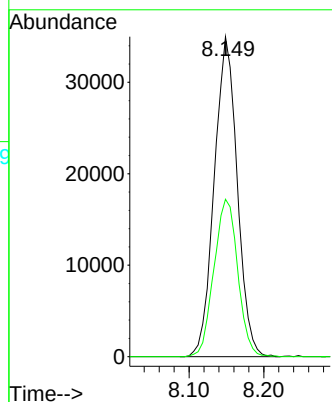
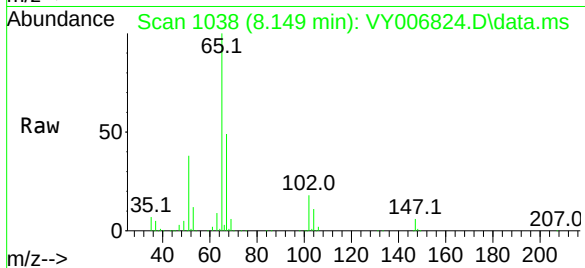
ClientSampleId :

Tgt Ion: 65 Resp: 74756

Ion Ratio Lower Upper

65 100

67 51.0 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006824.D

Acq: 19 Nov 2021 12:47

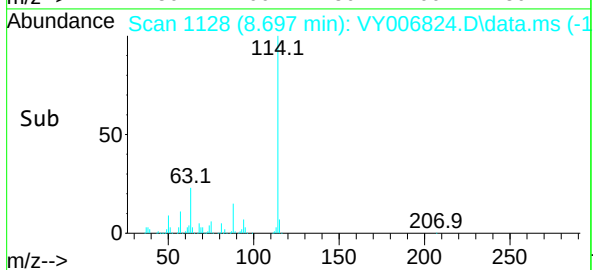
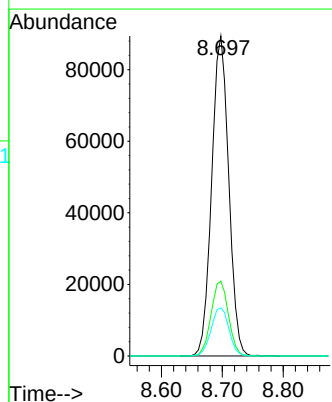
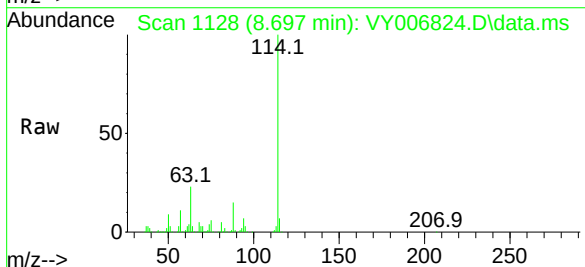
Tgt Ion: 114 Resp: 173291

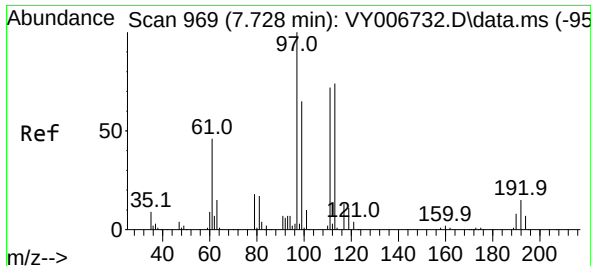
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

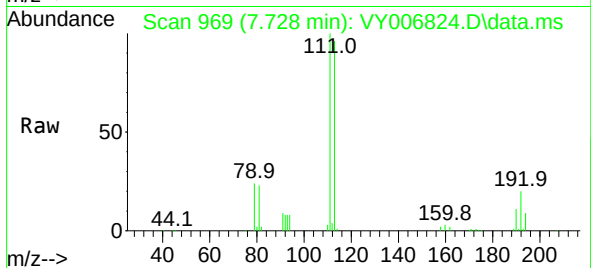
88 15.1 0.0 30.6



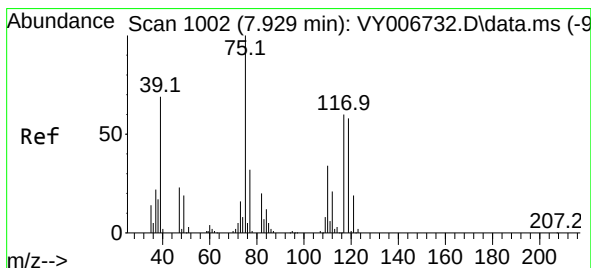
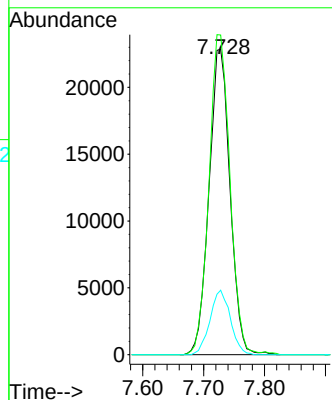
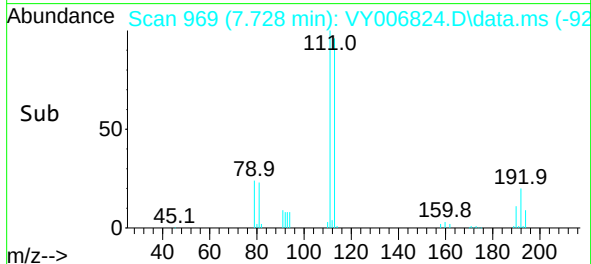


#35
Dibromofluoromethane
Concen: 51.480 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

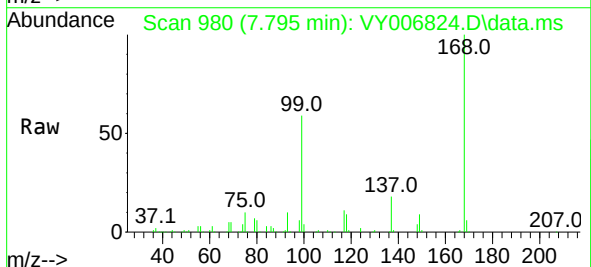
Instrument :
MSVOA_Y
ClientSampleId :



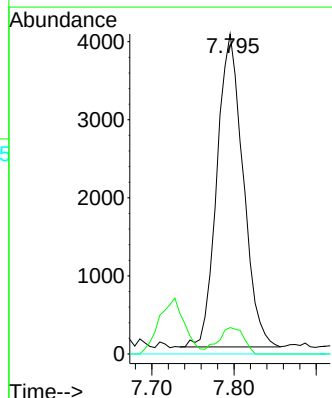
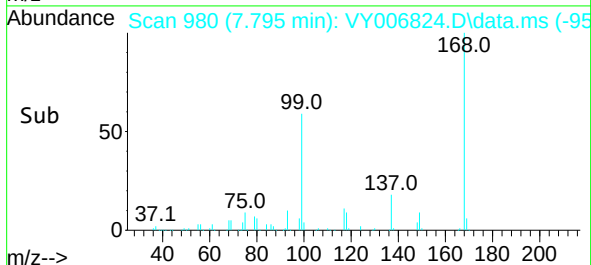
Tgt Ion:113 Resp: 54796
Ion Ratio Lower Upper
113 100
111 104.9 82.3 123.5
192 20.5 17.4 26.2

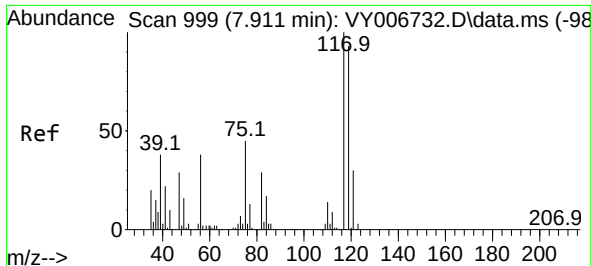


#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47



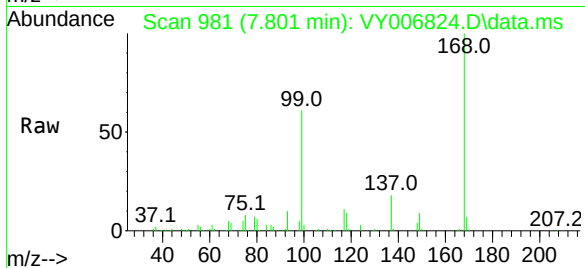
Tgt Ion: 75 Resp: 8871
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.3#
77 0.0 24.9 37.3#



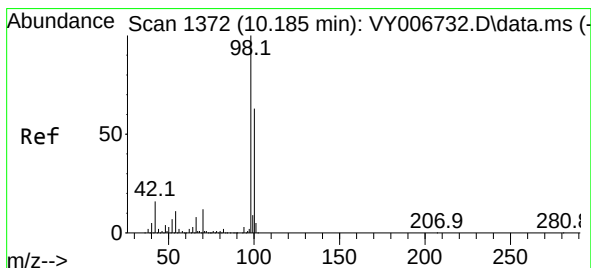
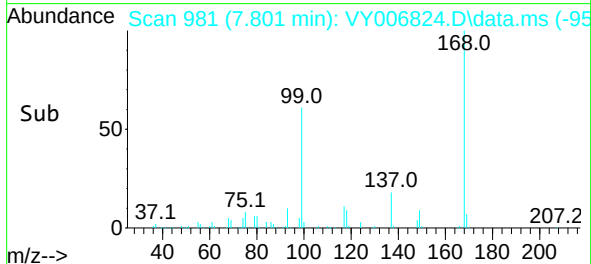
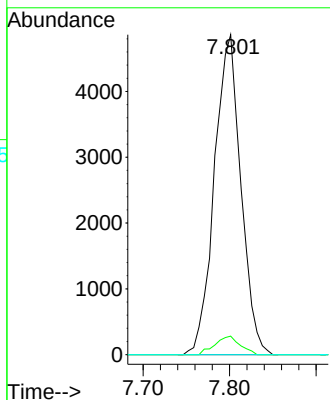


#38
Carbon Tetrachloride
Concen: 5.354 ug/l
RT: 7.801 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Instrument :
MSVOA_Y
ClientSampleId :

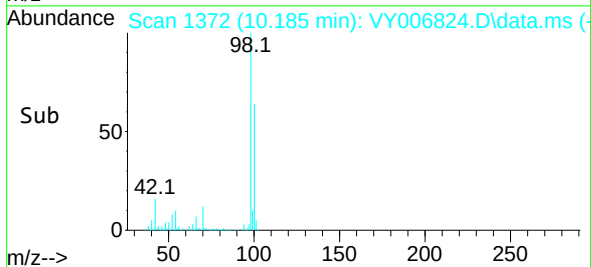
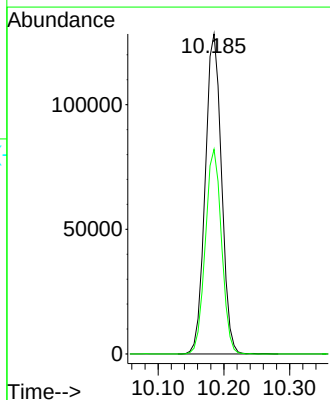
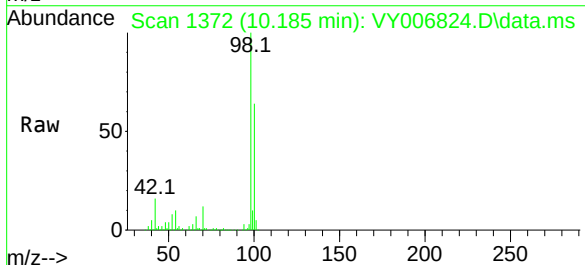


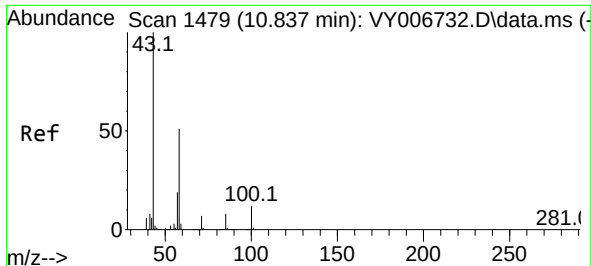
Tgt Ion:117 Resp: 10315
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.200 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Tgt Ion: 98 Resp: 221115
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

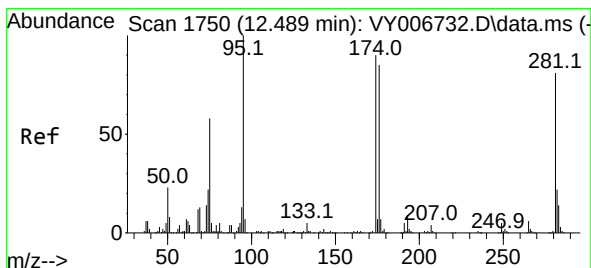
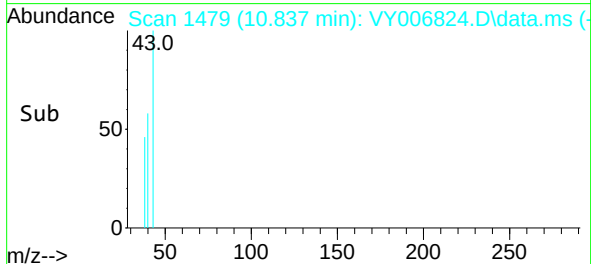
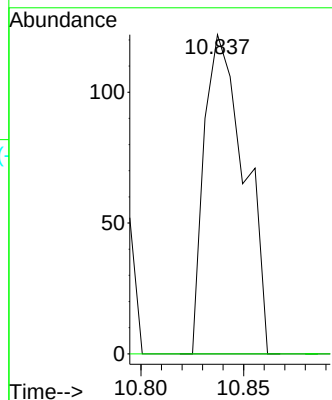
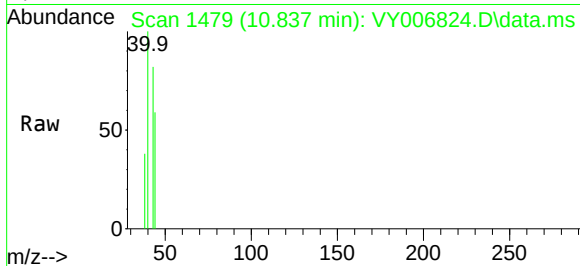




#59
2-Hexanone
Concen: 23.981 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

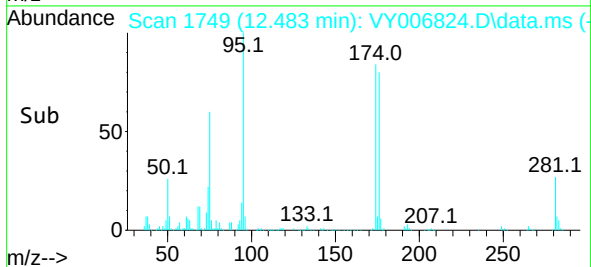
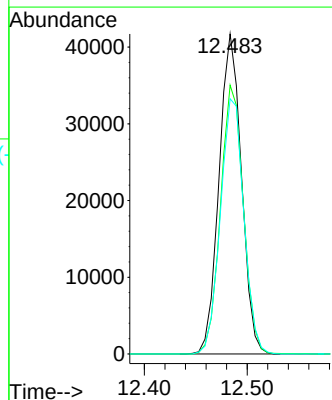
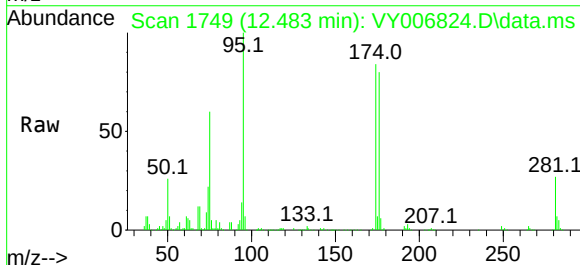
Instrument :
MSVOA_Y
ClientSampleId :

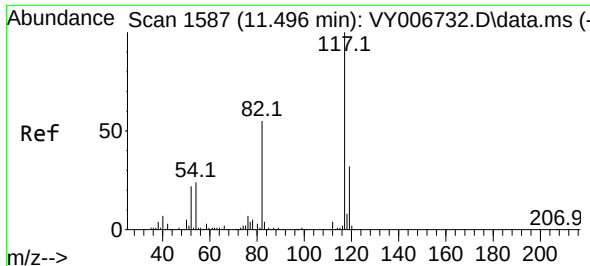
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 42.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

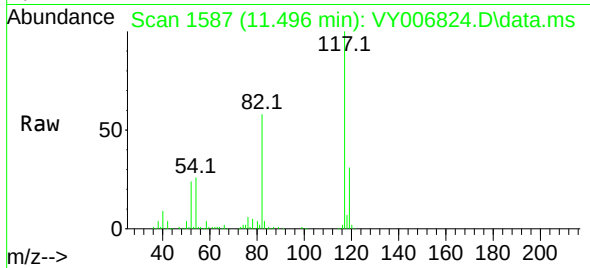
Tgt Ion: 95 Resp: 62925
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 83.4 0.0 169.4



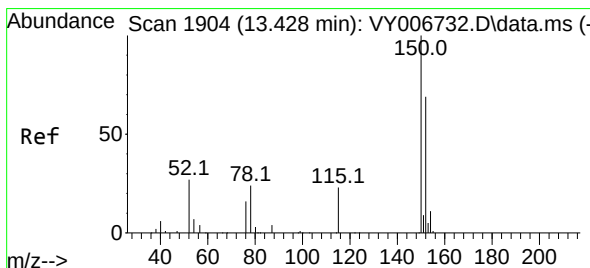
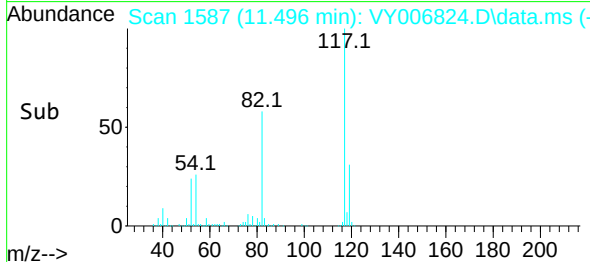
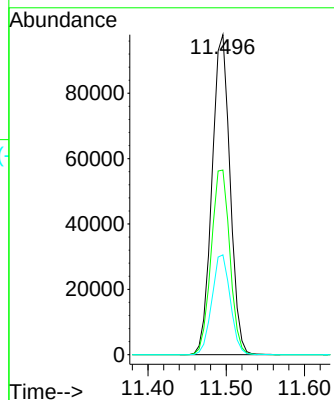


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Instrument :
MSVOA_Y
ClientSampleId :

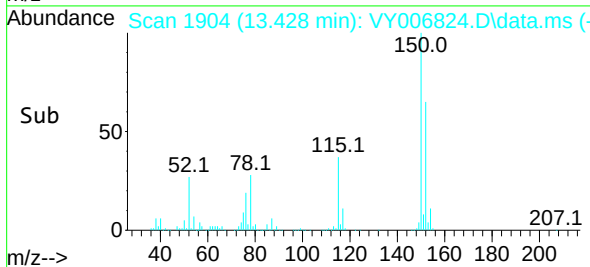
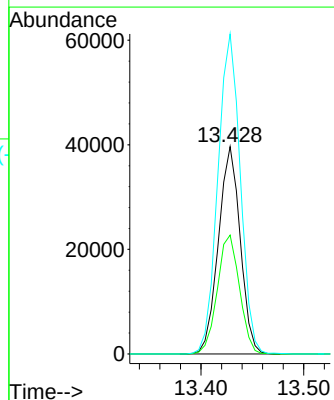
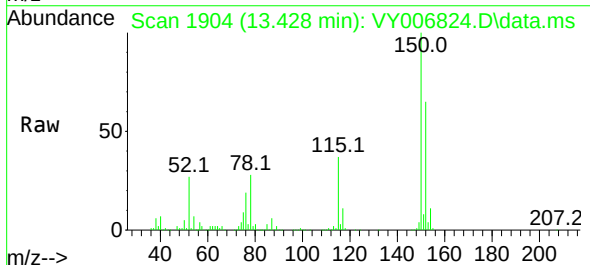


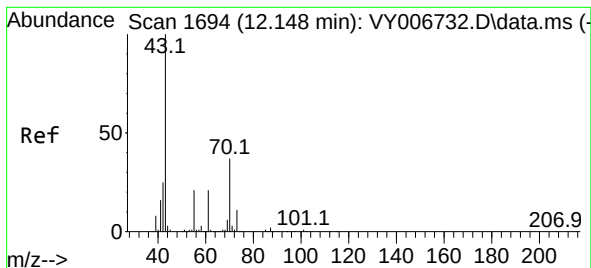
Tgt Ion:117 Resp: 156669
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006824.D
Acq: 19 Nov 2021 12:47

Tgt Ion:152 Resp: 58372
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.5
150 158.6 0.0 348.2





#74

N-amy1 acetate

Concen: 3.175 ug/l

RT: 12.142 min Scan# 1

Delta R.T. -0.006 min

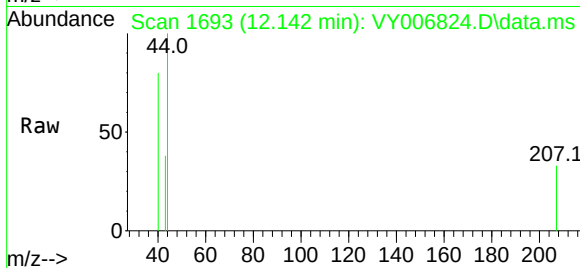
Lab File: VY006824.D

Acq: 19 Nov 2021 12:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 33

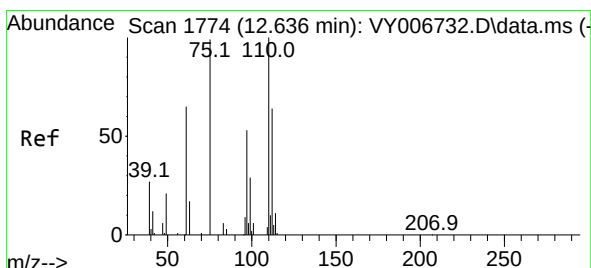
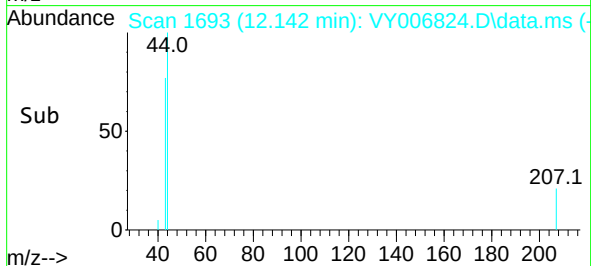
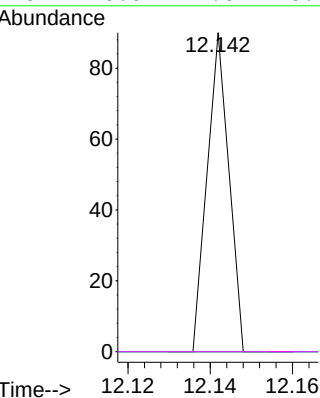
Ion Ratio Lower Upper

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: 59.272 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY006824.D

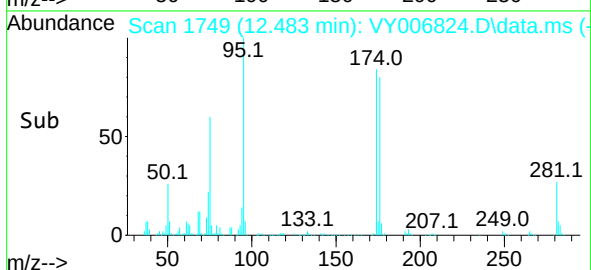
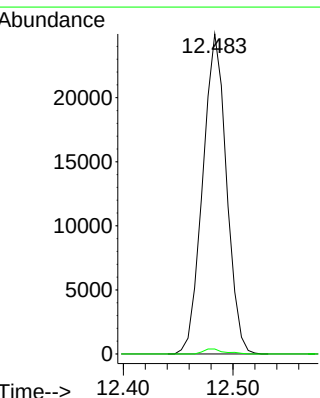
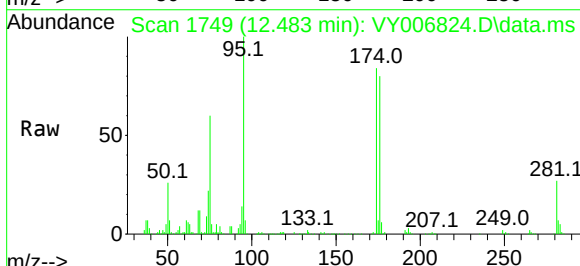
Acq: 19 Nov 2021 12:47

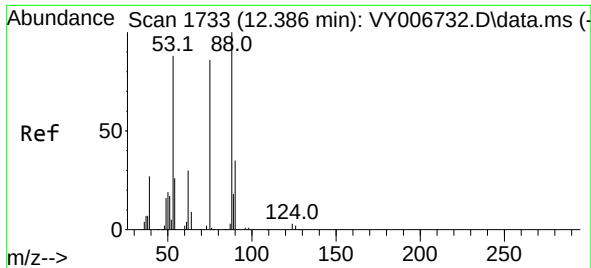
Tgt Ion: 75 Resp: 37616

Ion Ratio Lower Upper

75 100

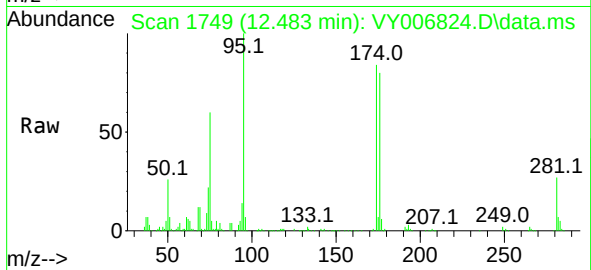
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.446 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006824.D
 Acq: 19 Nov 2021 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37616
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.1 39.3 58.9#

