

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006843.D
 Acq On : 19 Nov 2021 20:39
 Operator : SY/MD
 Sample : M4758-13
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:21:35 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)

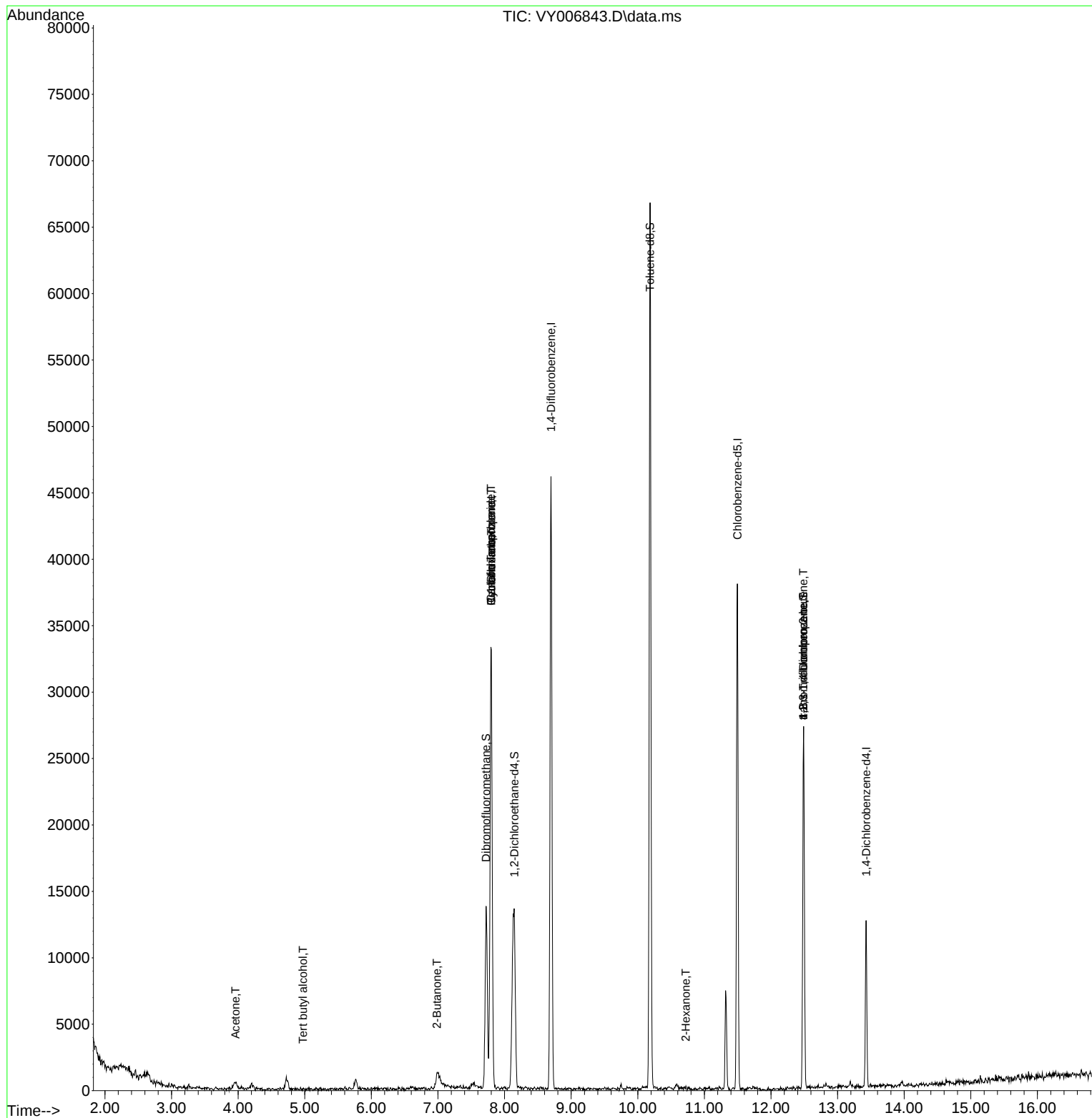
Internal Standards						
1) Pentafluorobenzene	7.801	168	25426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	36921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	21271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7874	23.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.260%#
35) Dibromofluoromethane	7.722	113	8964	39.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.060%
50) Toluene-d8	10.185	98	41957	44.708	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.483	95	5015	15.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	31.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.973	59	64	1.277	ug/l #	72
16) Acetone	3.961	43	1273	12.573	ug/l #	87
20) Methylene Chloride	4.741	84	533	Below Cal	#	92
25) 2-Butanone	6.984	43	45	11.792	ug/l #	52
31) Cyclohexane	7.801	56	629	1.074	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	2169	5.405	ug/l #	47
38) Carbon Tetrachloride	7.795	117	2551	6.215	ug/l #	18
59) 2-Hexanone	10.721	43	76	24.170	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	2963	90.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2963	179.227	ug/l #	7

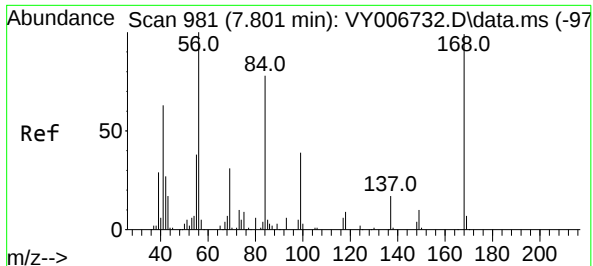
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

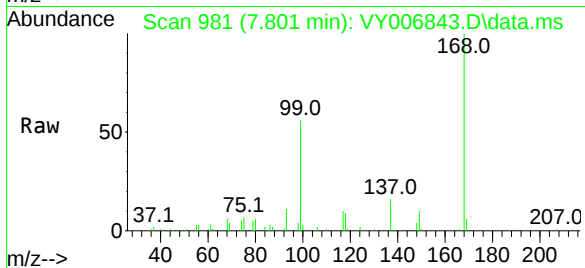
Quant Time: Nov 22 03:21:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
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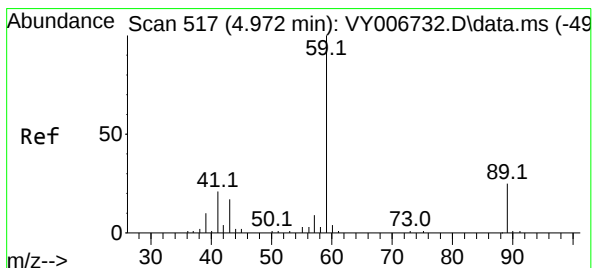
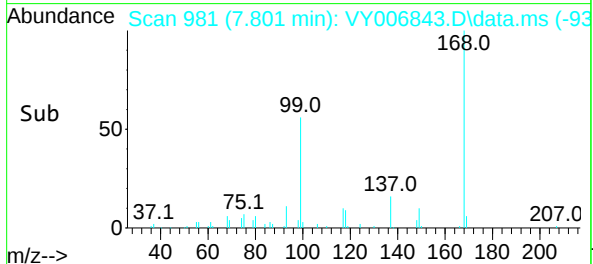
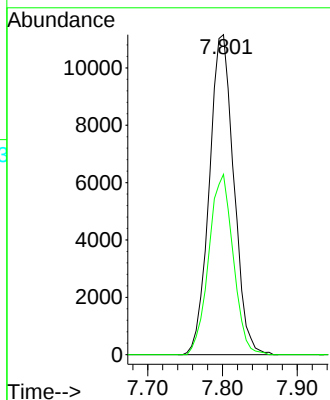


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Instrument :
MSVOA_Y
ClientSampleId :

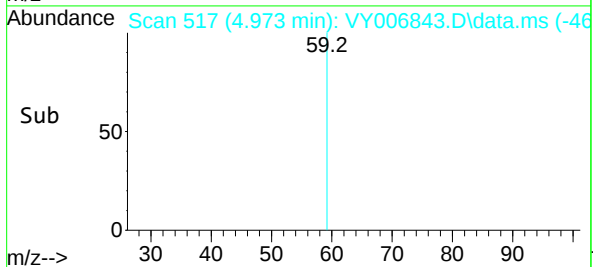
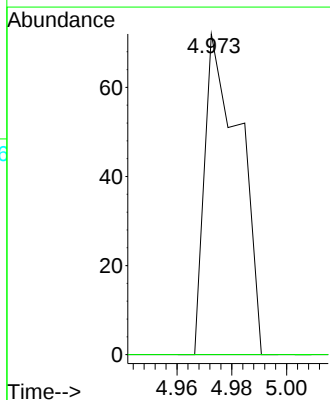
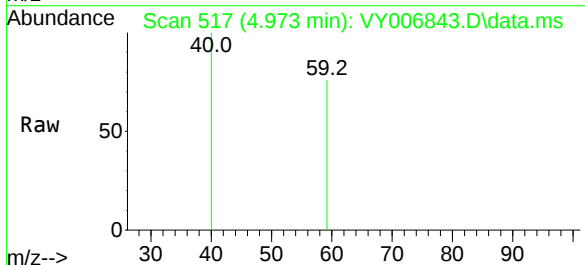


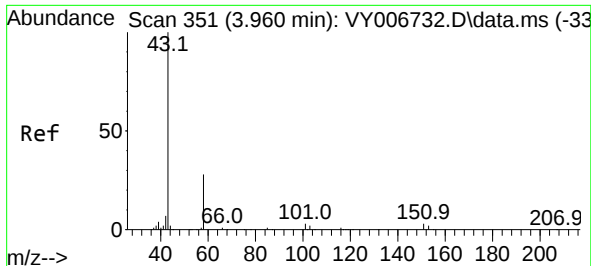
Tgt Ion:168 Resp: 25426
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

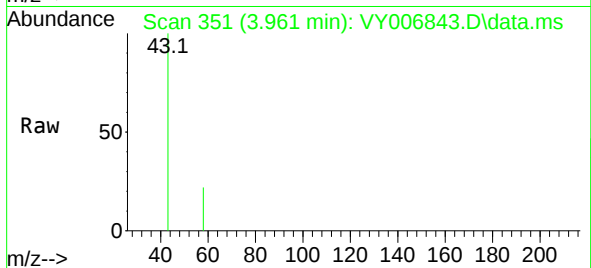
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



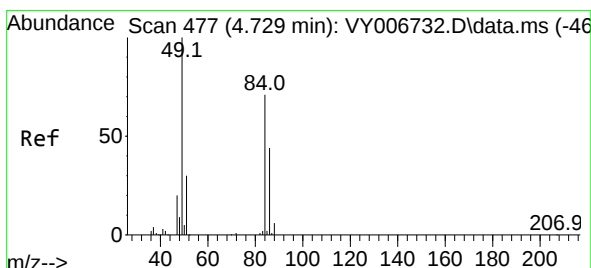
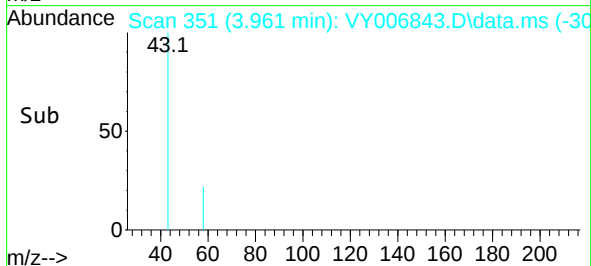
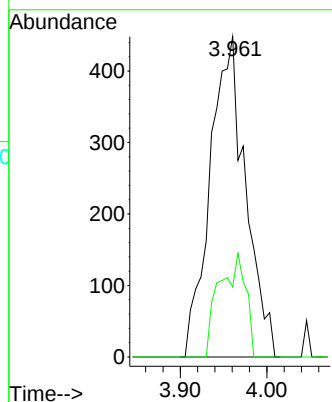


#16
Acetone
Concen: 12.573 ug/l
RT: 3.961 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Instrument :
MSVOA_Y
ClientSampleId :

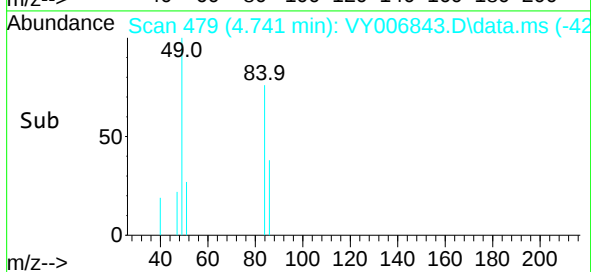
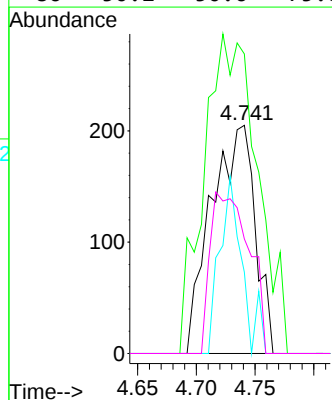
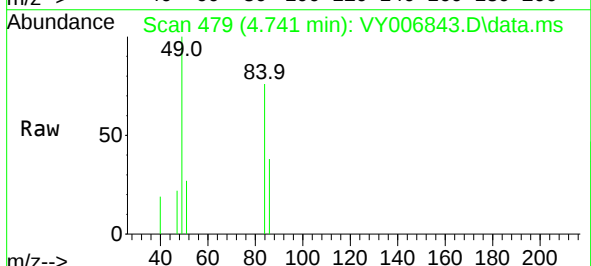


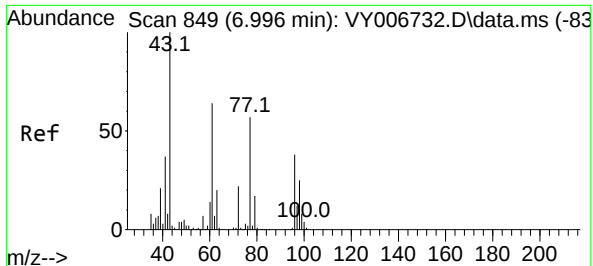
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 21.9 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Tgt Ion: 84 Resp: 533
Ion Ratio Lower Upper
84 100
49 131.2 107.8 161.8
51 35.6 32.8 49.2
86 50.2 50.6 75.8#





#25

2-Butanone

Concen: 11.792 ug/l

RT: 6.984 min Scan# 849

Delta R.T. -0.012 min

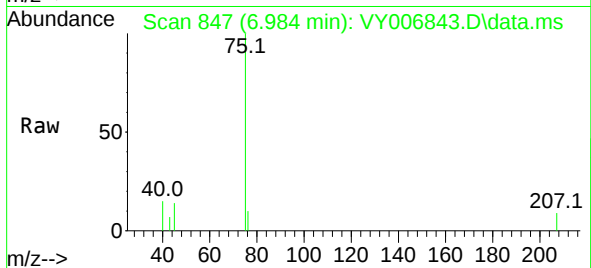
Lab File: VY006843.D

Acq: 19 Nov 2021 20:39

Instrument :

MSVOA_Y

ClientSampleId :

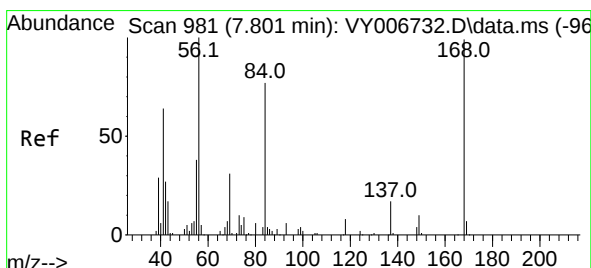
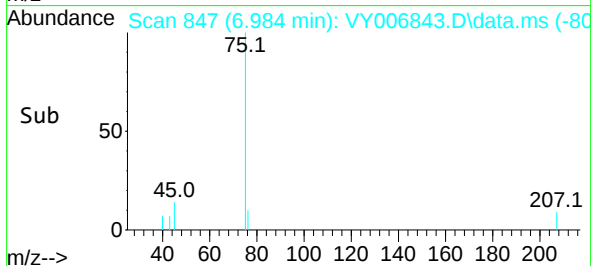
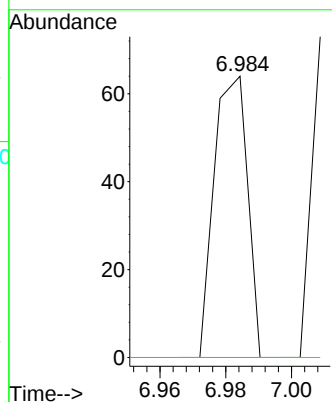


Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.074 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY006843.D

Acq: 19 Nov 2021 20:39

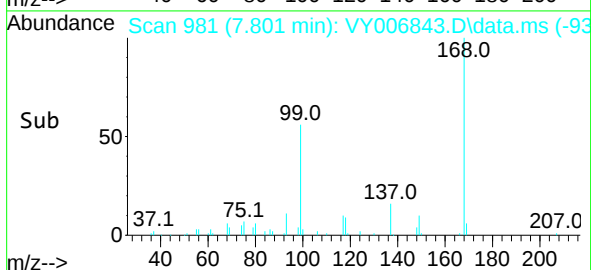
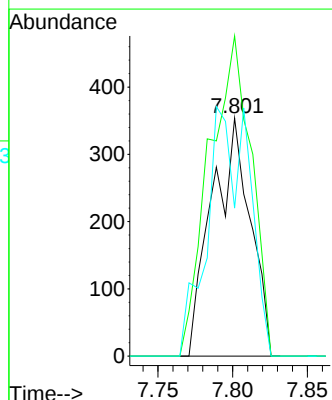
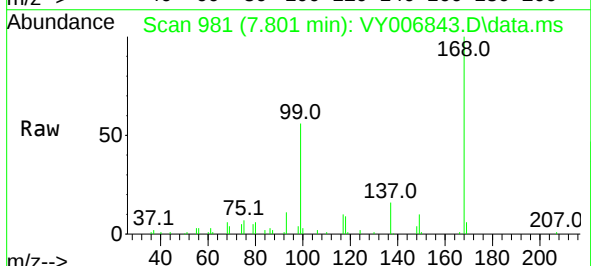
Tgt Ion: 56 Resp: 629

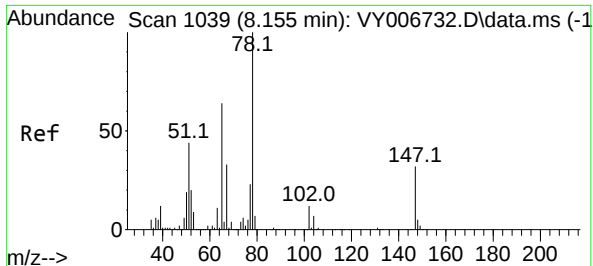
Ion Ratio Lower Upper

56 100

69 134.5 26.6 40.0#

84 62.1 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 23.629 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006843.D

Acq: 19 Nov 2021 20:39

Instrument :

MSVOA_Y

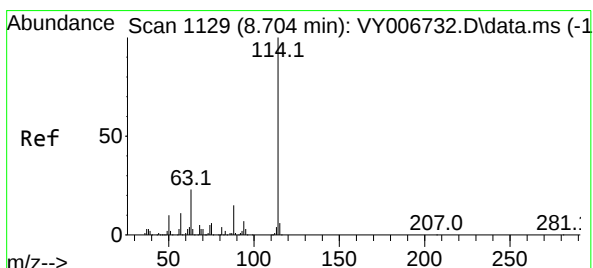
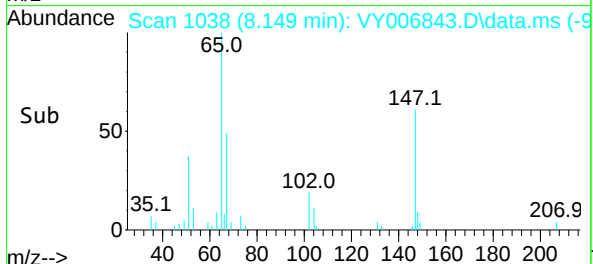
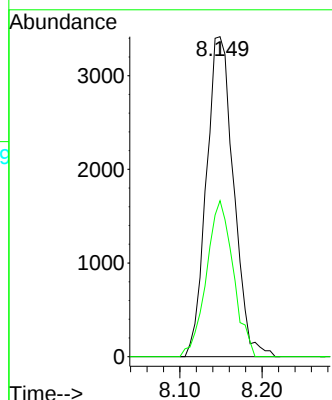
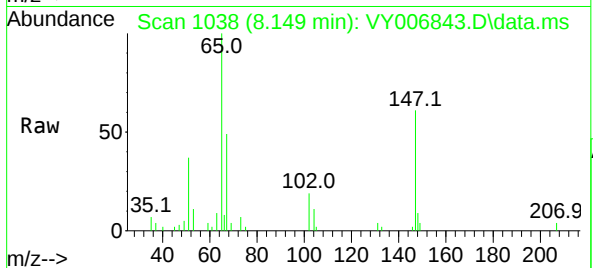
ClientSampleId :

Tgt Ion: 65 Resp: 7874

Ion Ratio Lower Upper

65 100

67 47.9 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: VY006843.D

Acq: 19 Nov 2021 20:39

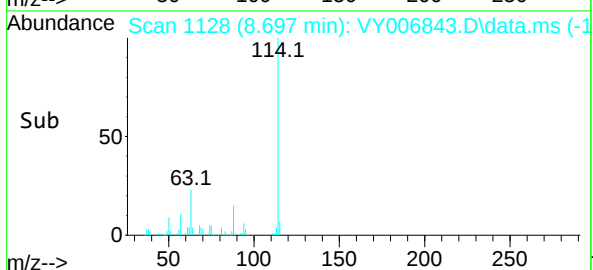
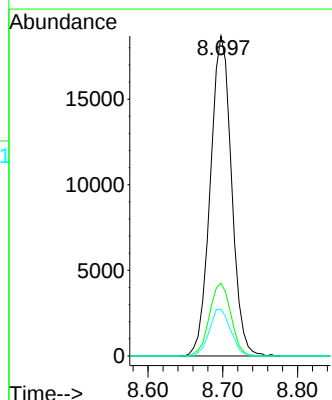
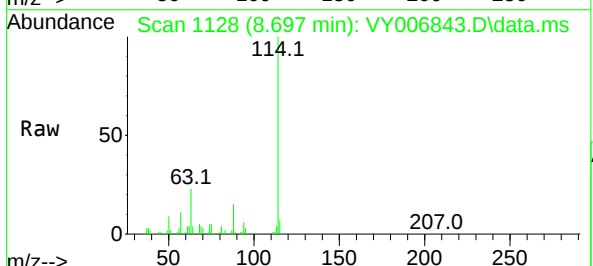
Tgt Ion: 114 Resp: 36921

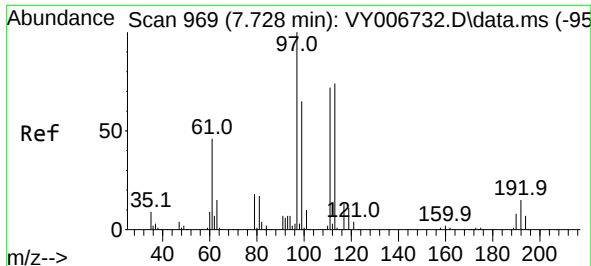
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 39.527 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

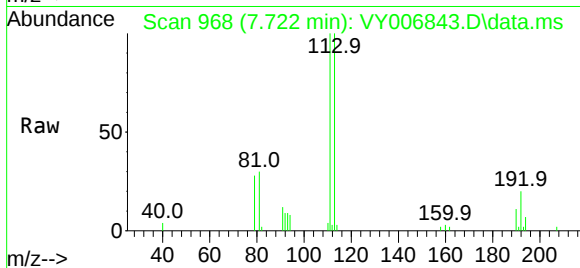
Lab File: VY006843.D

Acq: 19 Nov 2021 20:39

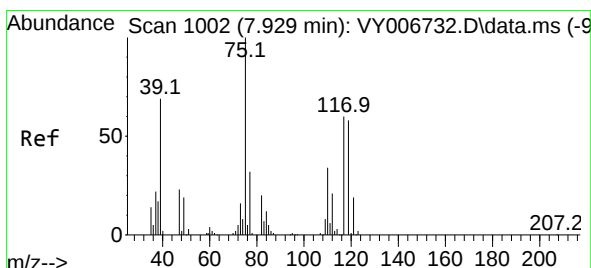
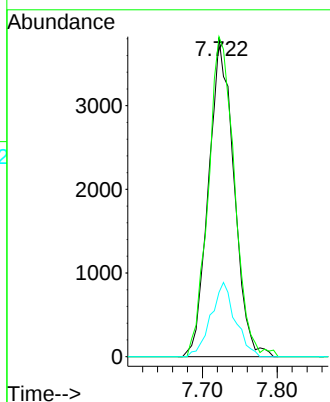
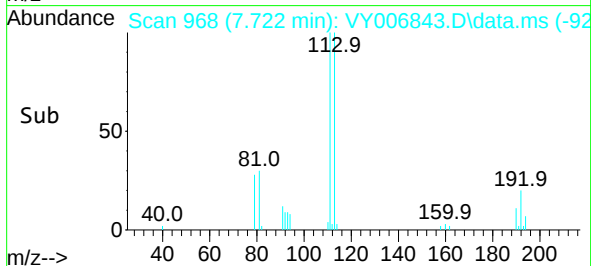
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	8964
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.3	123.5
192	22.4	17.4	26.2



#36

1,1-Dichloropropene

Concen: 5.405 ug/l

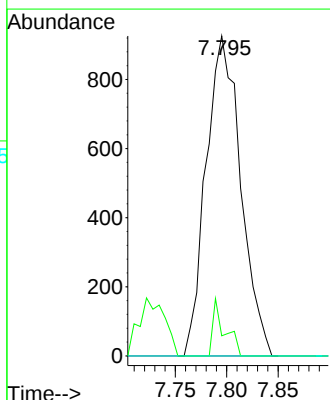
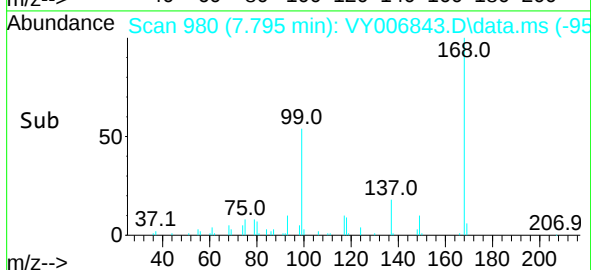
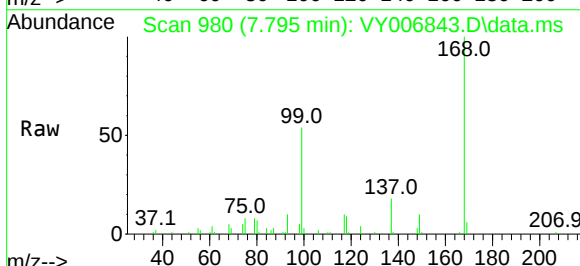
RT: 7.795 min Scan# 980

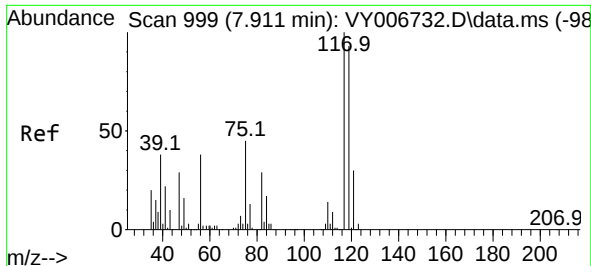
Delta R.T. -0.134 min

Lab File: VY006843.D

Acq: 19 Nov 2021 20:39

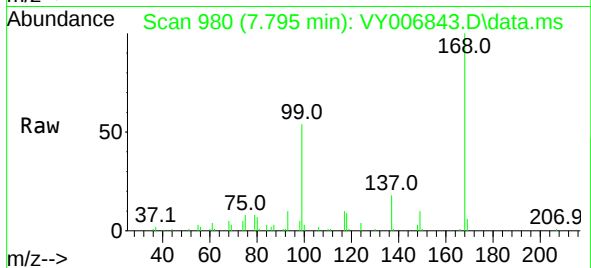
Tgt Ion:	75	Resp:	2169
Ion	Ratio	Lower	Upper
75	100		
110	6.1	17.1	51.3#
77	0.0	24.9	37.3#



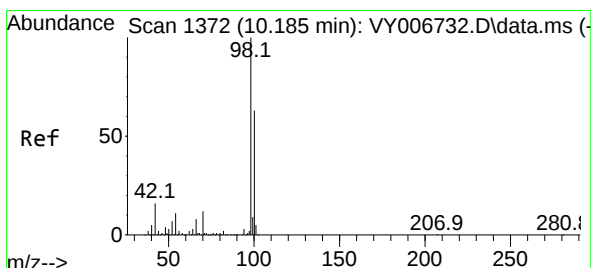
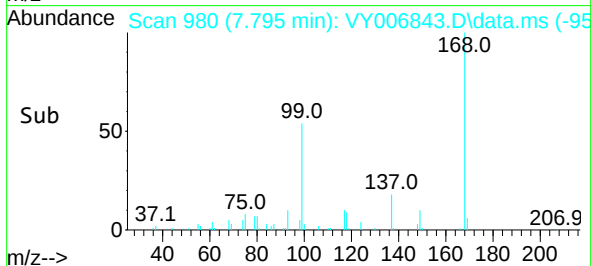
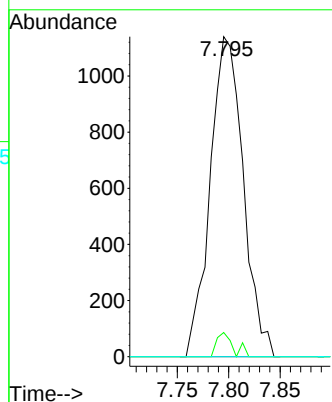


#38
Carbon Tetrachloride
Concen: 6.215 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Instrument :
MSVOA_Y
ClientSampleId :

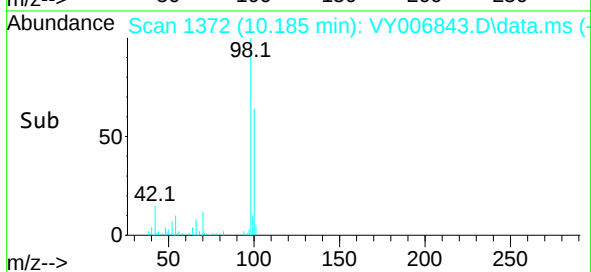
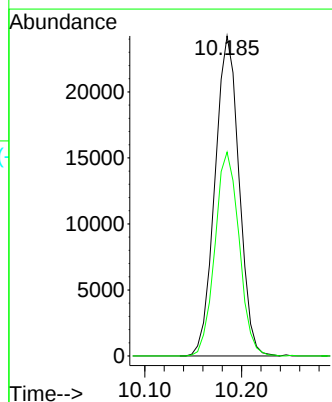
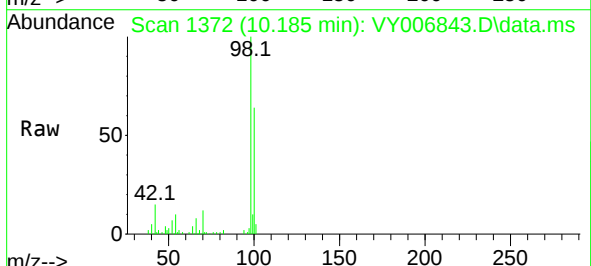


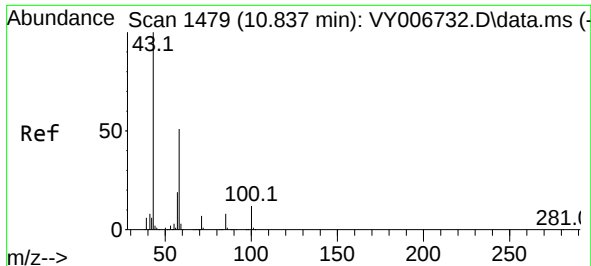
Tgt Ion:117 Resp: 2551
Ion Ratio Lower Upper
117 100
119 7.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 44.708 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Tgt Ion: 98 Resp: 41957
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

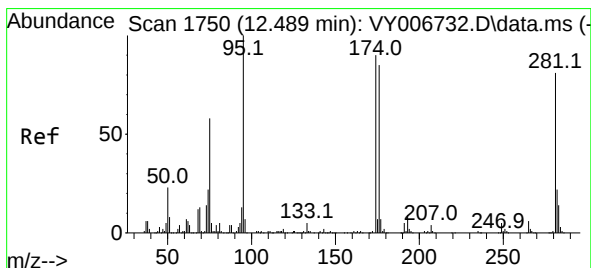
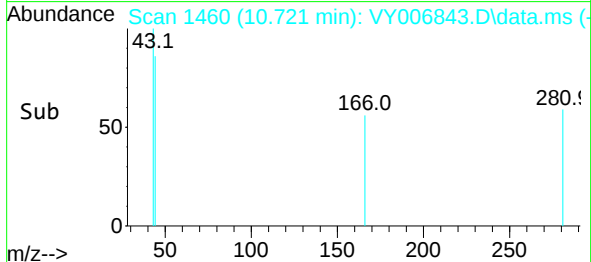
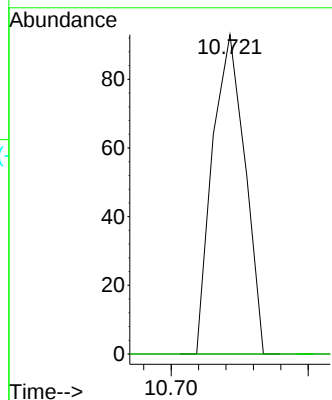
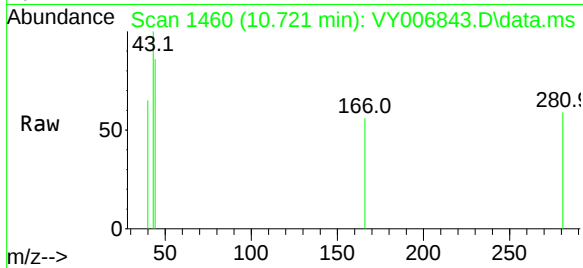




#59
2-Hexanone
Concen: 24.170 ug/l
RT: 10.721 min Scan# 1479
Delta R.T. -0.116 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

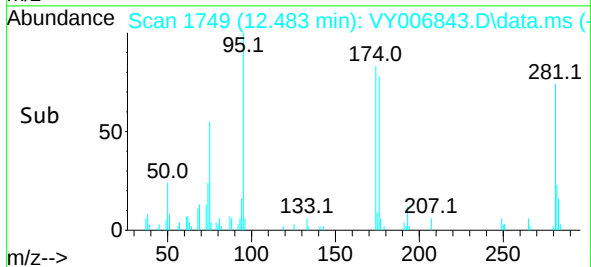
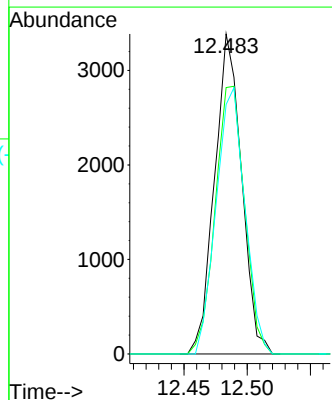
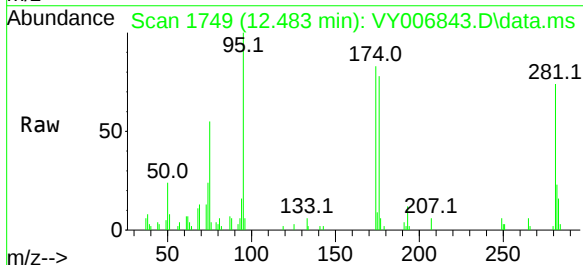
Instrument :
MSVOA_Y
ClientSampleId :

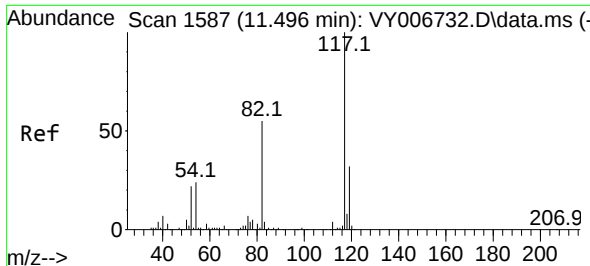
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 15.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Tgt Ion: 95 Resp: 5015
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 88.6 0.0 169.4

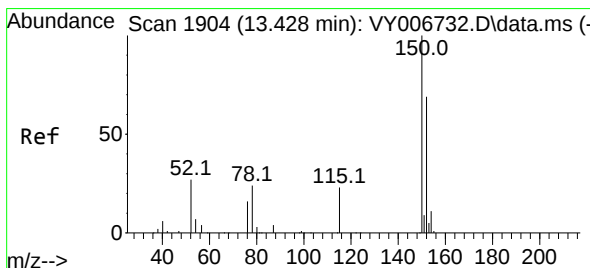
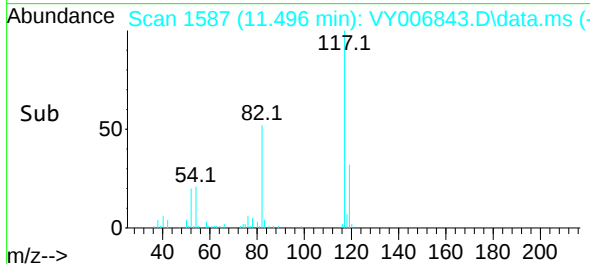
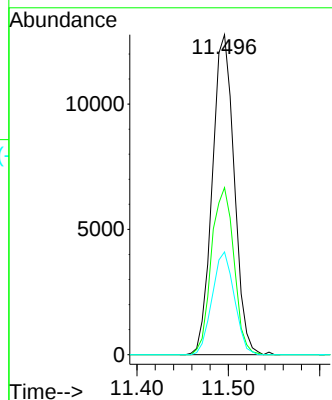
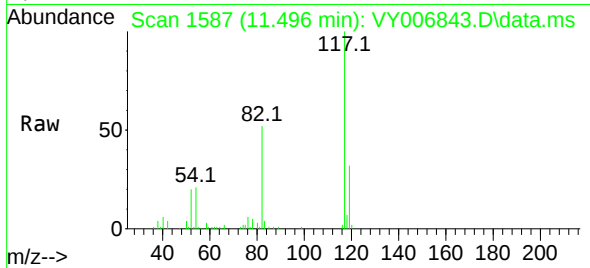




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

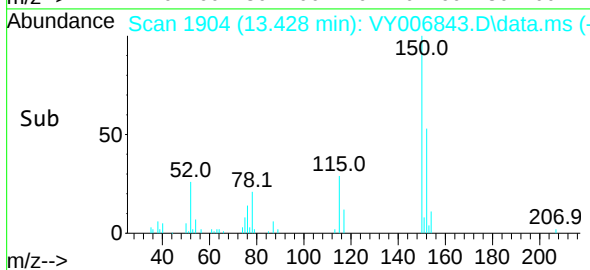
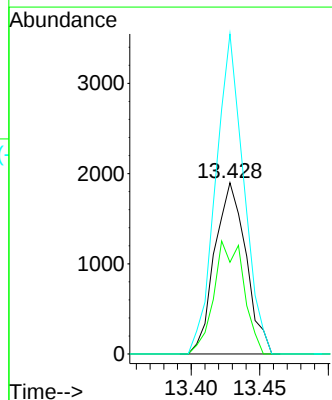
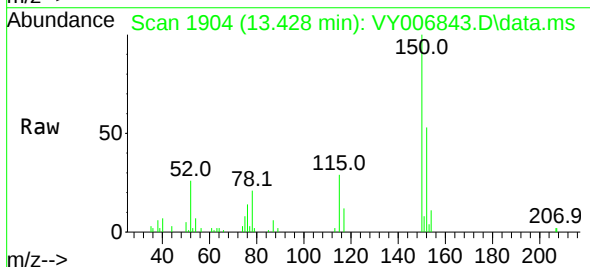
Instrument :
MSVOA_Y
ClientSampleId :

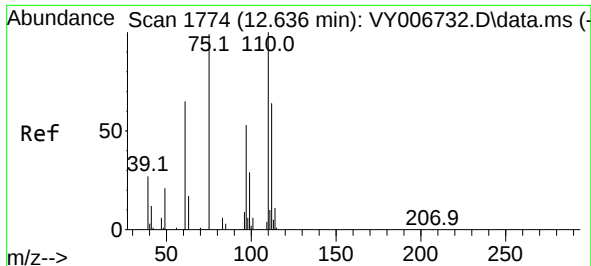
Tgt Ion:117 Resp: 21271
Ion Ratio Lower Upper
117 100
82 52.2 45.7 68.5
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Tgt Ion:152 Resp: 3013
Ion Ratio Lower Upper
152 100
115 62.8 28.5 85.5
150 167.5 0.0 348.2

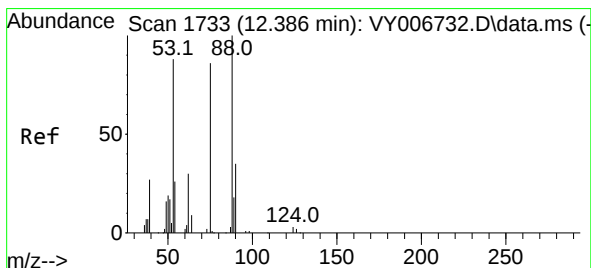
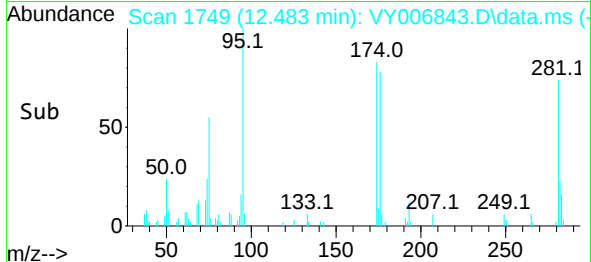
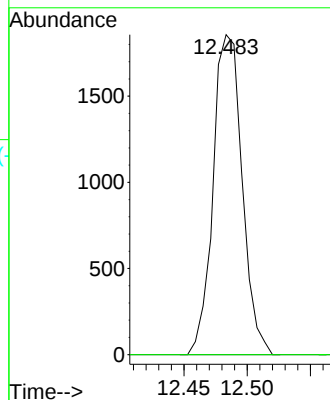
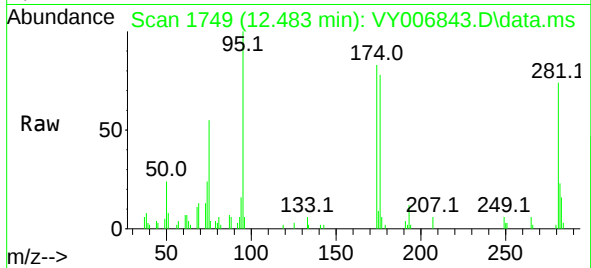




#76
1,2,3-Trichloropropane
Concen: 90.451 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 179.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006843.D
Acq: 19 Nov 2021 20:39

Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

