

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006837.D
 Acq On : 19 Nov 2021 17:55
 Operator : SY/MD
 Sample : M4758-27
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:20:48 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)

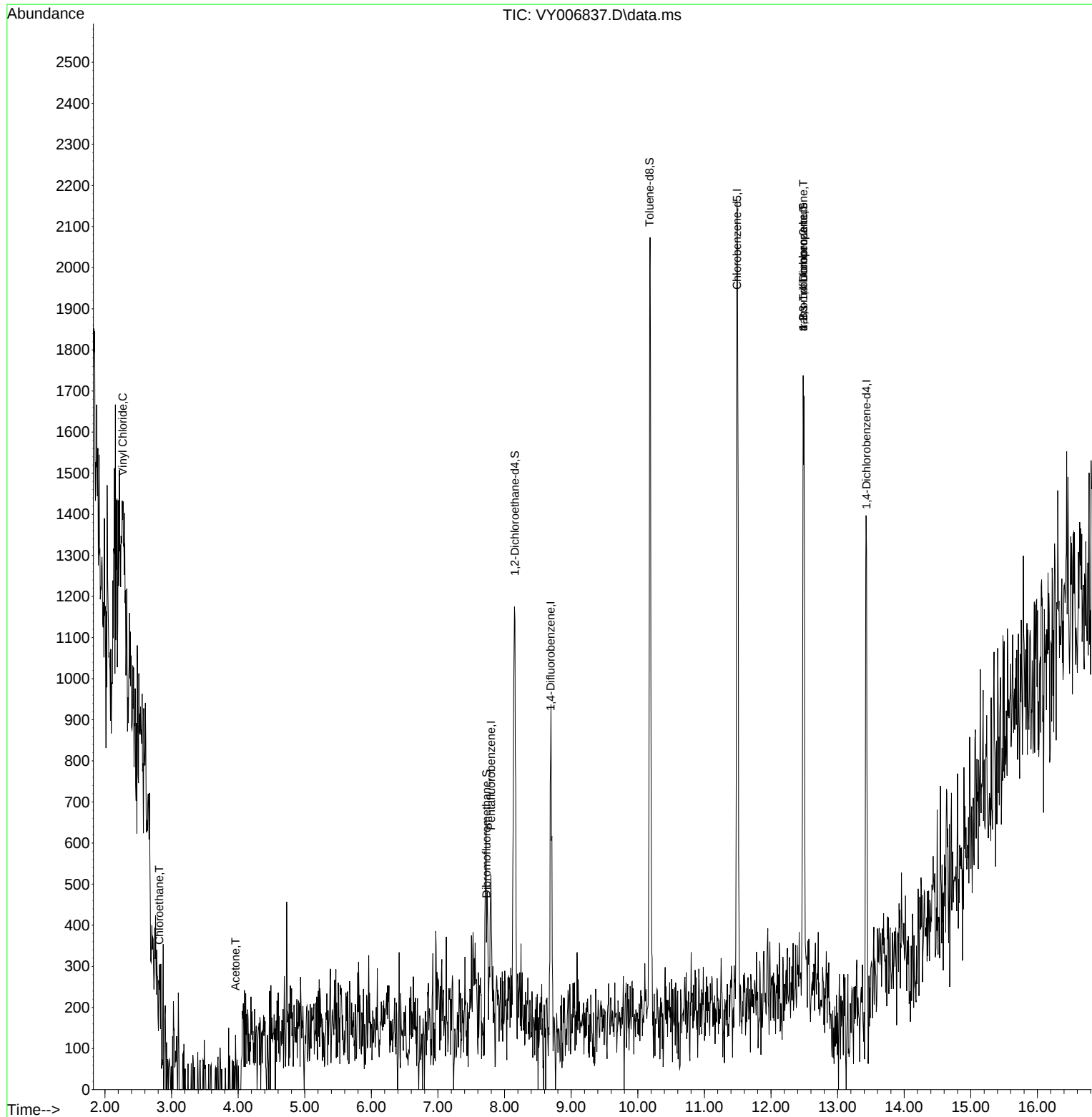
Internal Standards						
1) Pentafluorobenzene	7.795	168	405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	948	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	1208	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1021	192.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	384.700%#
35) Dibromofluoromethane	7.728	113	311	53.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.179	98	1375	57.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.120%
62) 4-Bromofluorobenzene	12.483	95	376	46.286	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.580%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.266	62	47	7.912	ug/l	# 44
6) Chloroethane	2.814	64	49	13.483	ug/l	# 45
16) Acetone	3.960	43	24	14.882	ug/l	# 46
76) 1,2,3-Trichloropropane	12.483	75	377	75.546	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	377	149.692	ug/l	# 7

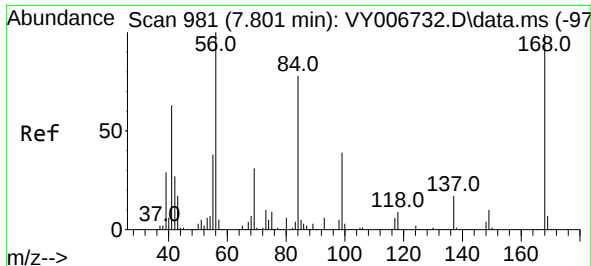
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

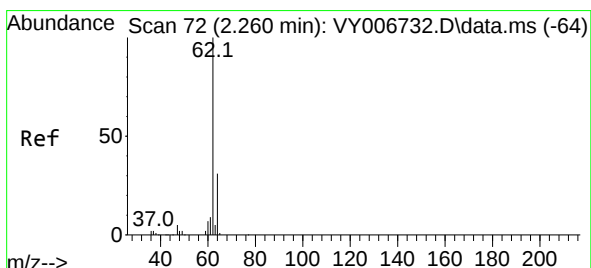
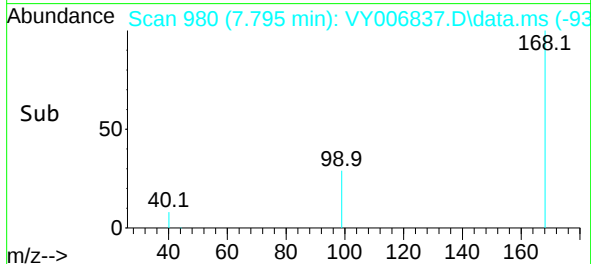
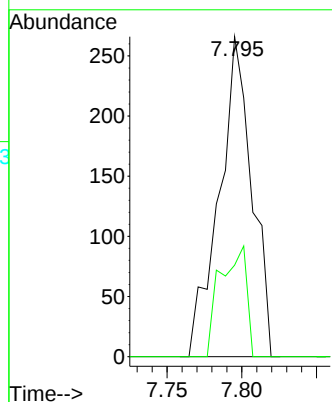
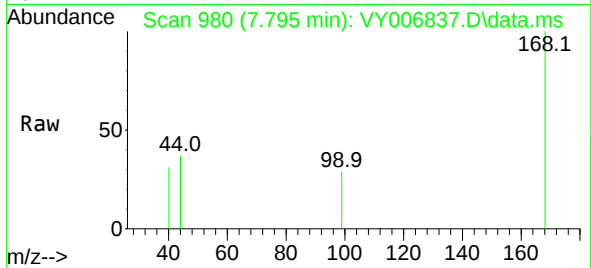




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

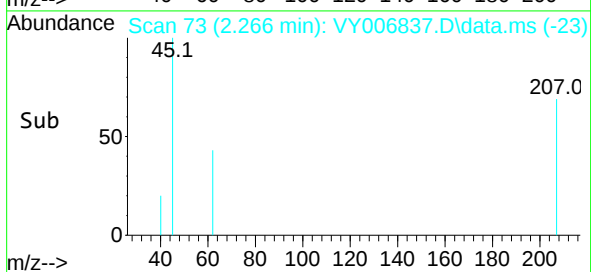
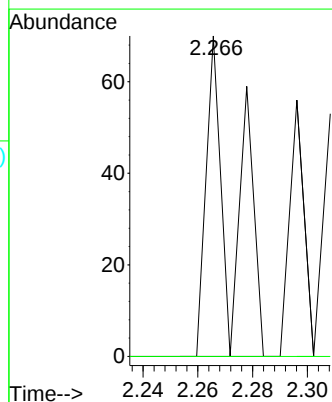
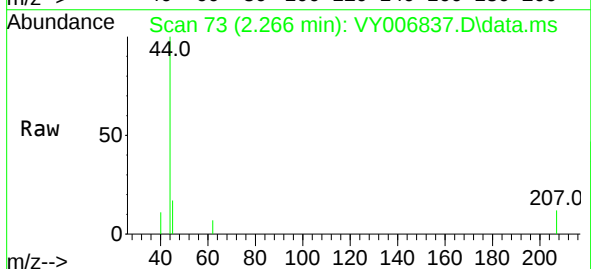
Instrument :
MSVOA_Y
ClientSampleId :

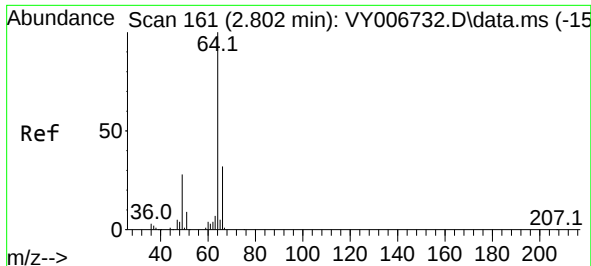
Tgt Ion:168 Resp: 405
Ion Ratio Lower Upper
168 100
99 28.6 44.8 67.2#



#4
Vinyl Chloride
Concen: 7.912 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

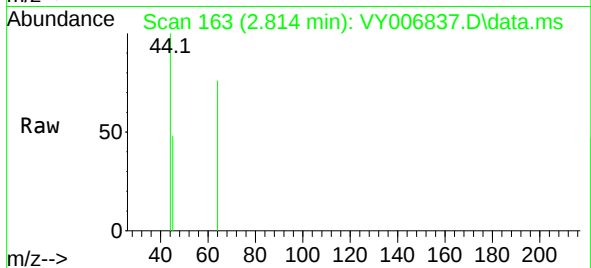
Tgt Ion: 62 Resp: 47
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



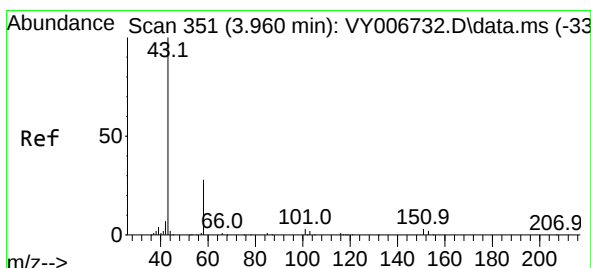
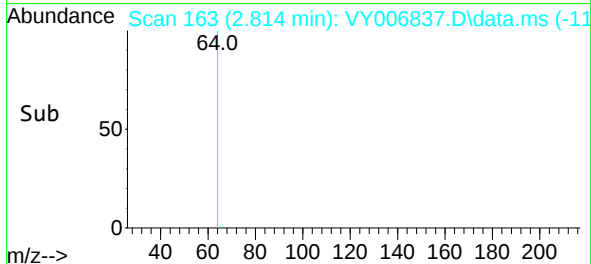
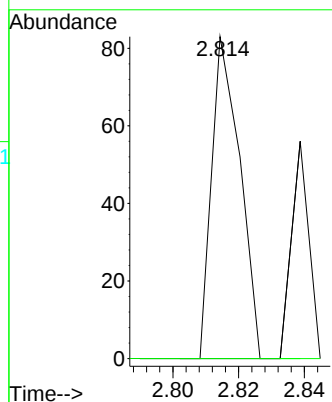


#6
Chloroethane
Concen: 13.483 ug/l
RT: 2.814 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :

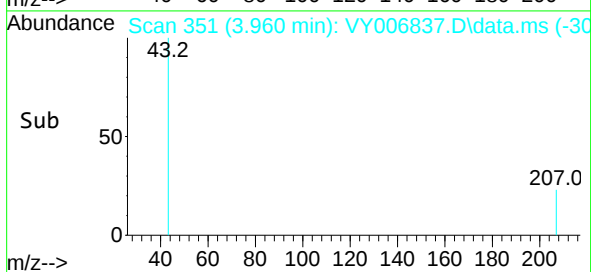
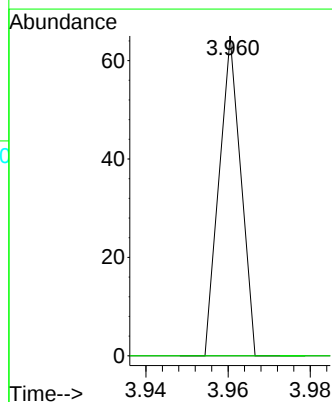
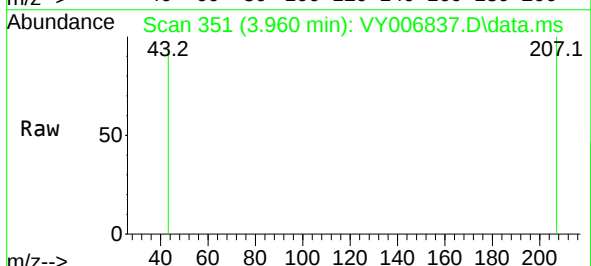


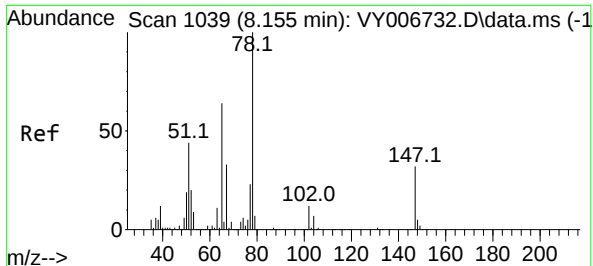
Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#16
Acetone
Concen: 14.882 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





#33

1,2-Dichloroethane-d4

Concen: 192.351 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

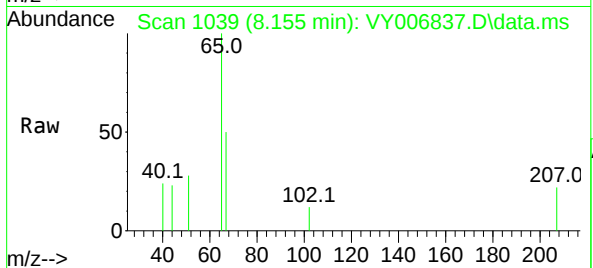
Lab File: VY006837.D

Acq: 19 Nov 2021 17:55

Instrument :

MSVOA_Y

ClientSampleId :

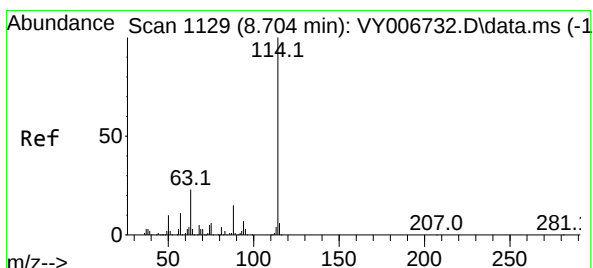
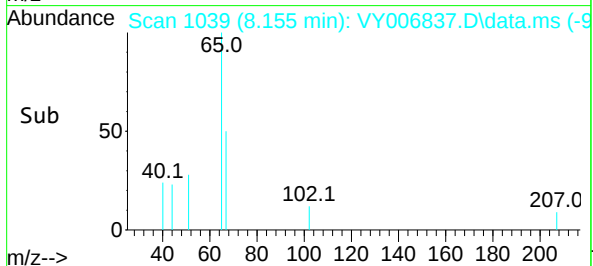
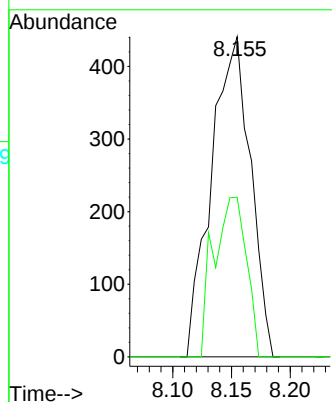


Tgt Ion: 65 Resp: 1021

Ion Ratio Lower Upper

65 100

67 41.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006837.D

Acq: 19 Nov 2021 17:55

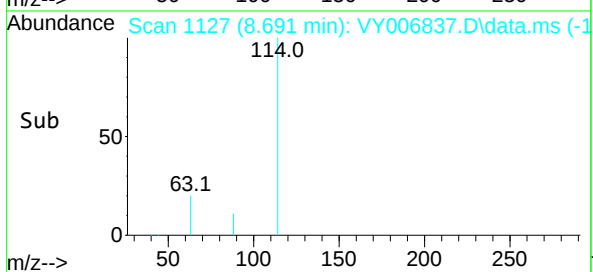
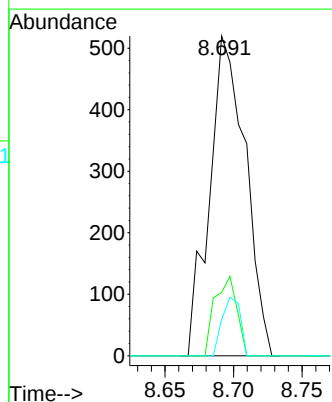
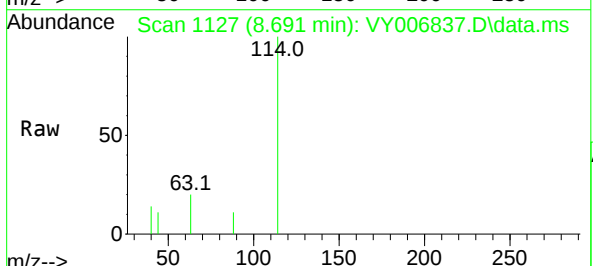
Tgt Ion: 114 Resp: 948

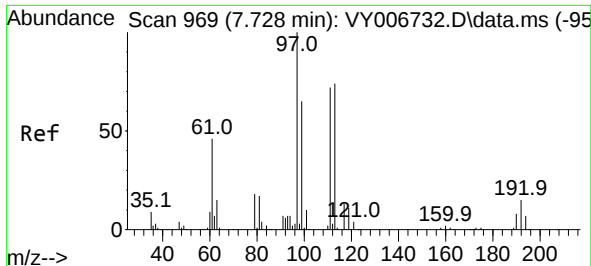
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

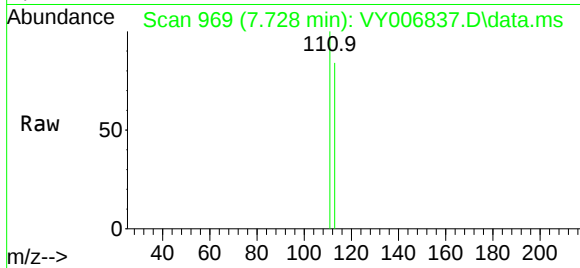
88 11.3 0.0 30.6



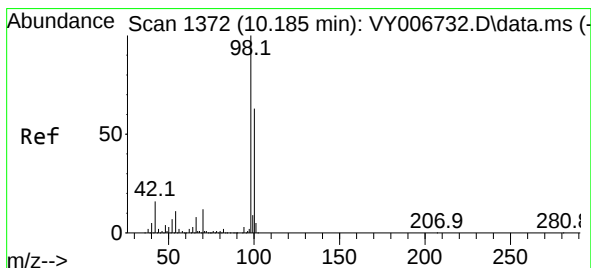
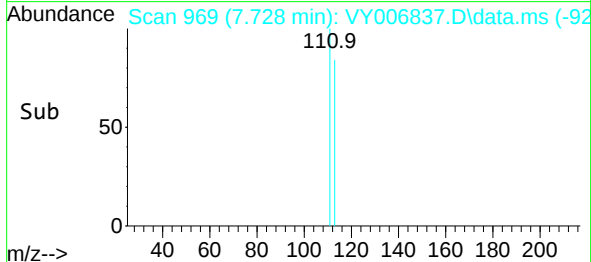
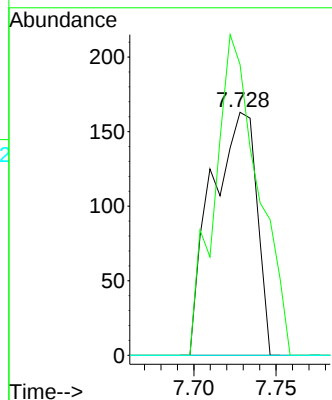


#35
 Dibromofluoromethane
 Concen: 53.409 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY006837.D
 Acq: 19 Nov 2021 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :

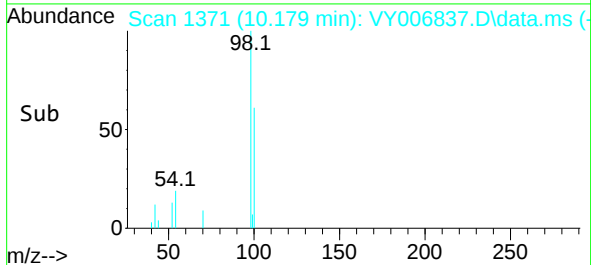
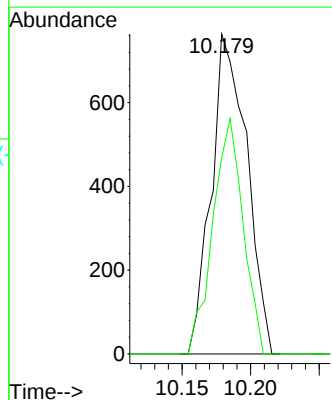
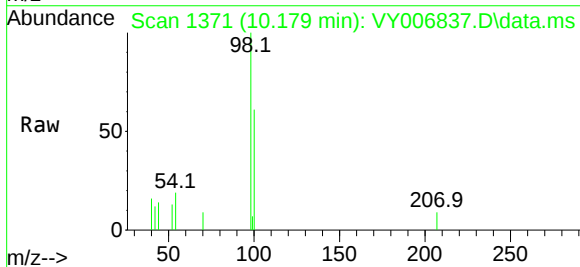


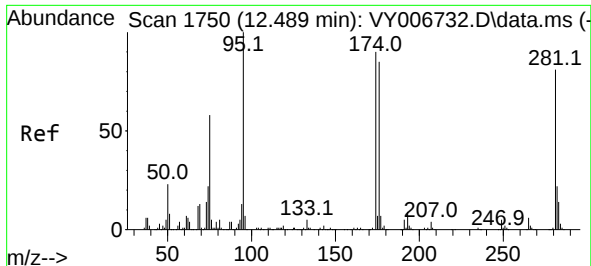
Tgt Ion:113 Resp: 311
 Ion Ratio Lower Upper
 113 100
 111 128.0 82.3 123.5#
 192 0.0 17.4 26.2#



#50
 Toluene-d8
 Concen: 57.063 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY006837.D
 Acq: 19 Nov 2021 17:55

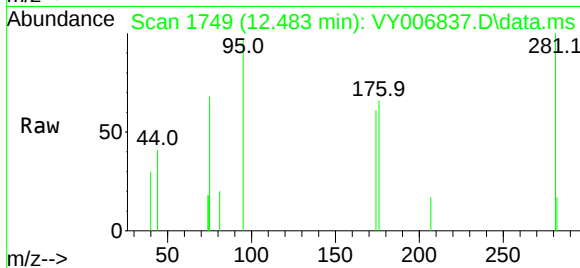
Tgt Ion: 98 Resp: 1375
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.9 76.3



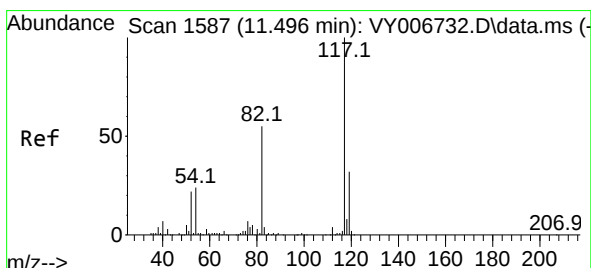
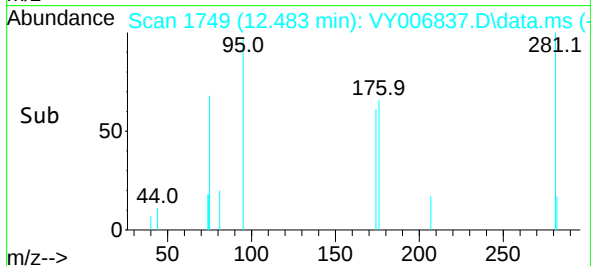
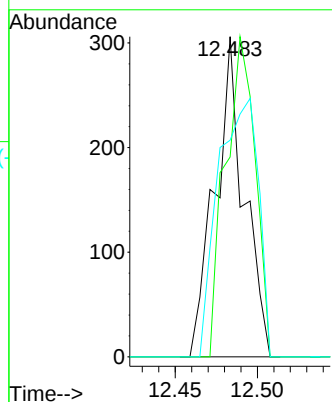


#62
4-Bromofluorobenzene
Concen: 46.286 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :

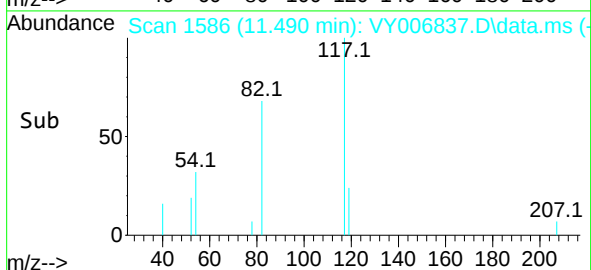
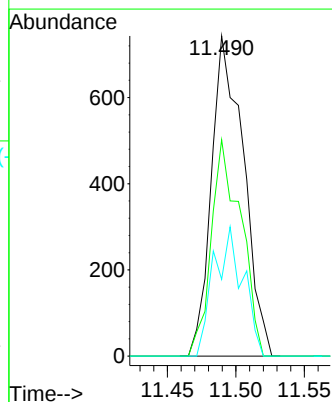
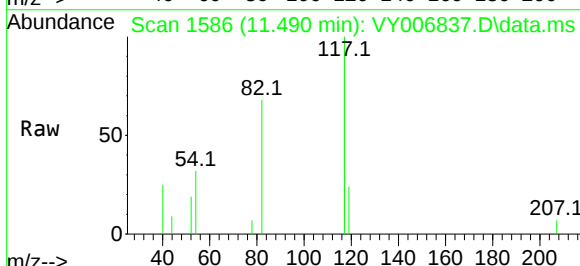


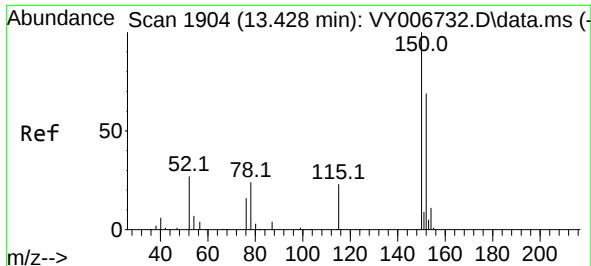
Tgt Ion: 95 Resp: 376
Ion Ratio Lower Upper
95 100
174 102.7 0.0 177.0
176 111.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

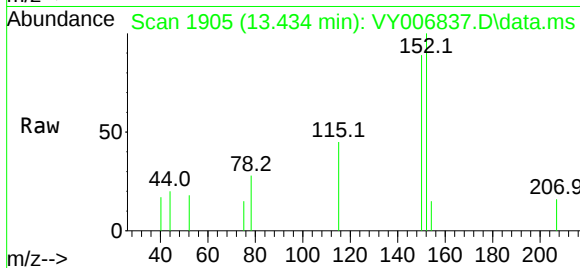
Tgt Ion: 117 Resp: 1208
Ion Ratio Lower Upper
117 100
82 67.6 45.7 68.5
119 24.0 25.5 38.3#



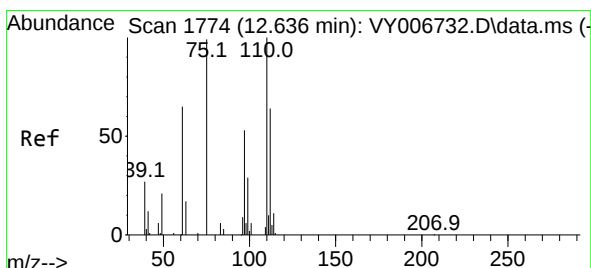
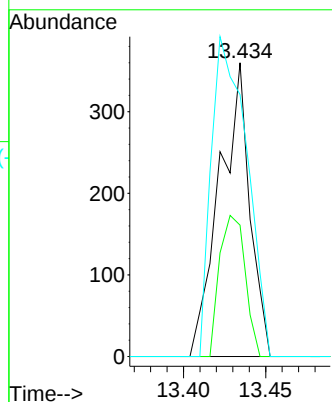
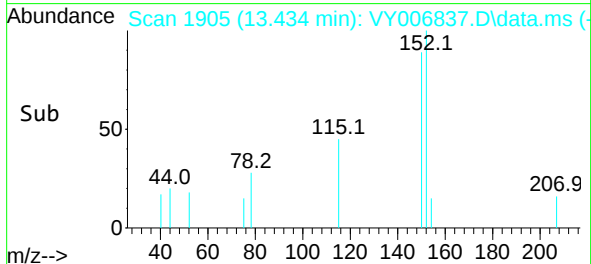


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :

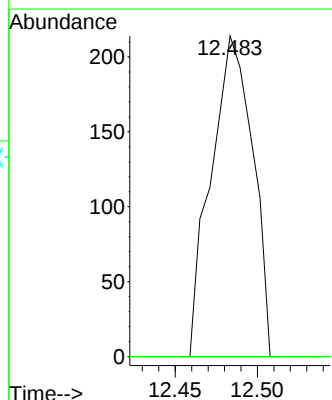
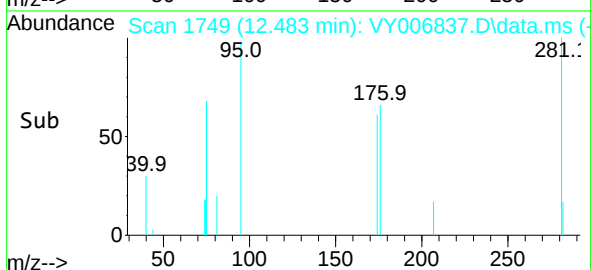
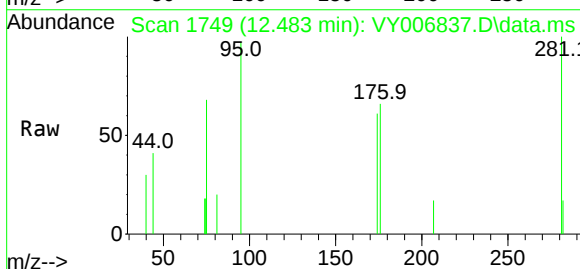


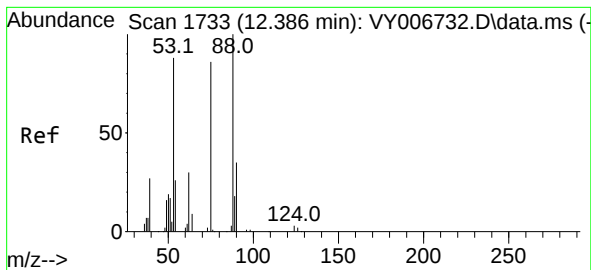
Tgt Ion:152 Resp: 459
Ion Ratio Lower Upper
152 100
115 40.7 28.5 85.5
150 127.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 75.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006837.D
Acq: 19 Nov 2021 17:55

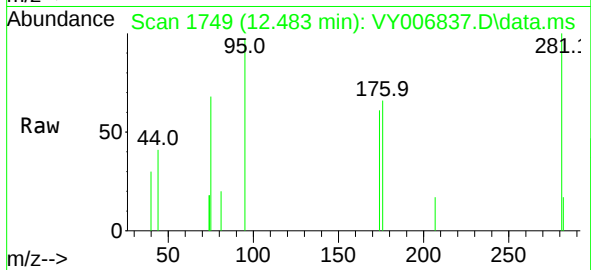
Tgt Ion: 75 Resp: 377
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.692 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006837.D
 Acq: 19 Nov 2021 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 377

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.0	39.3	58.9#

