

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020673.D
 Acq On : 20 Dec 2024 16:07
 Operator : SY/MD
 Sample : P5343-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ281

Quant Time: Dec 20 18:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

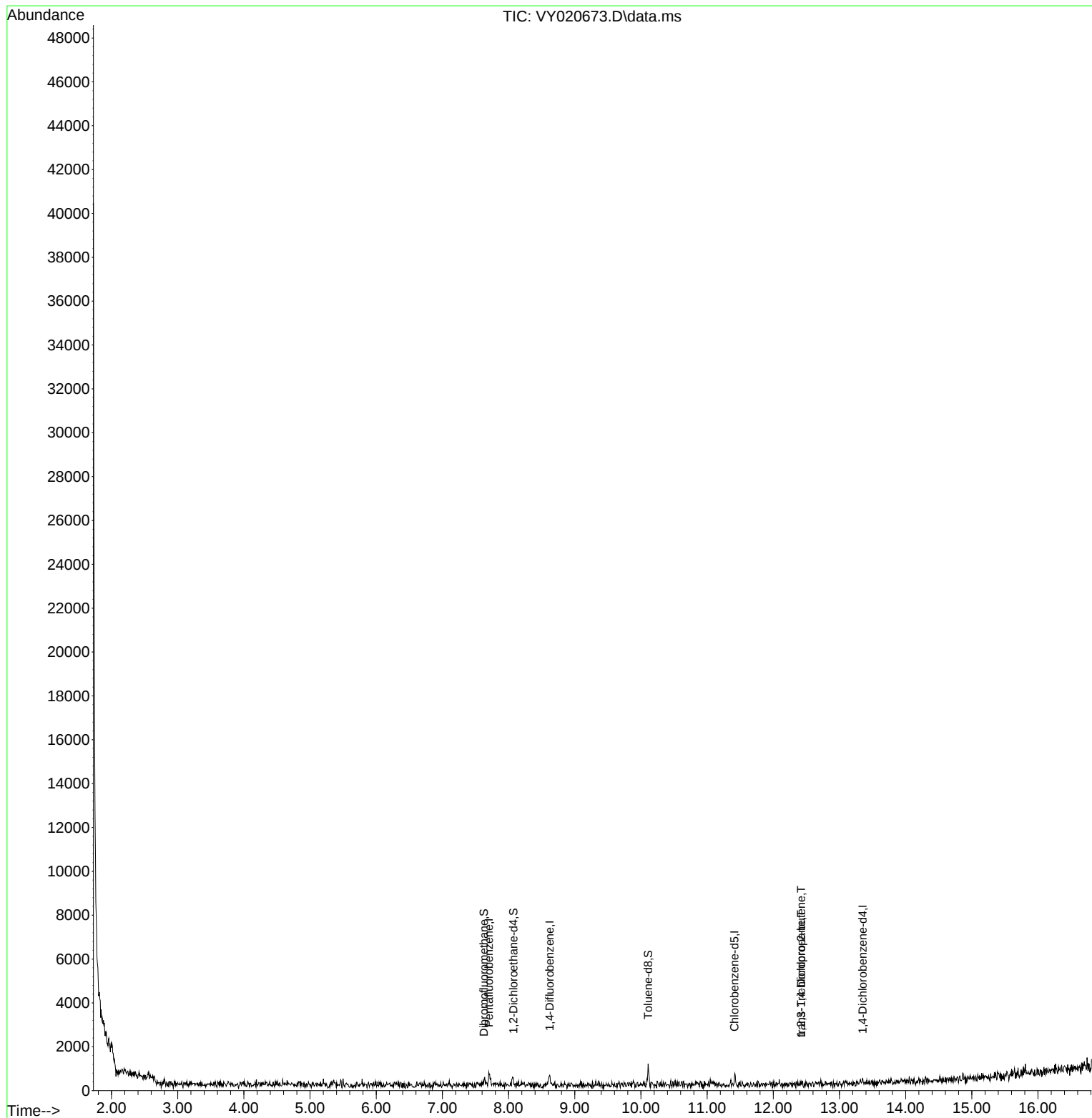
Internal Standards						
1) Pentafluorobenzene	7.701	168	608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	26	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	275	41.298	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.600%
35) Dibromofluoromethane	7.628	113	300	48.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.109	98	620	28.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	57.640%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						Qvalue
76) 1,2,3-Trichloropropane	12.419	75	26	96.264	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.419	75	26	202.063	ug/l	# 12

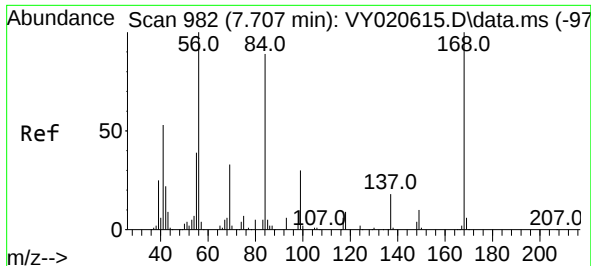
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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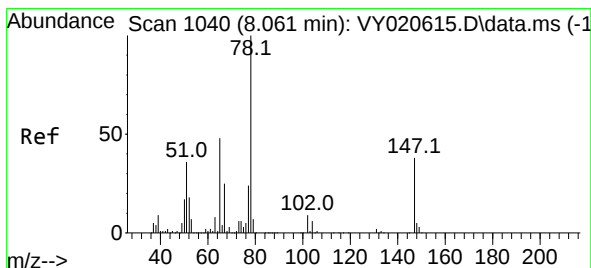
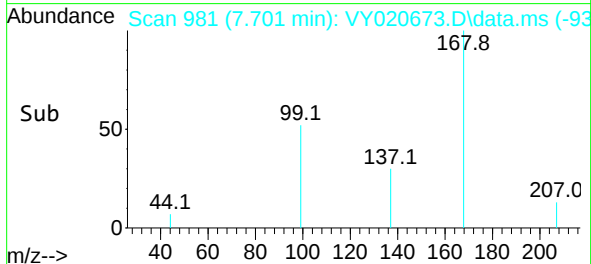
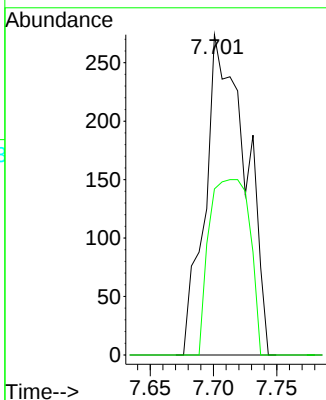
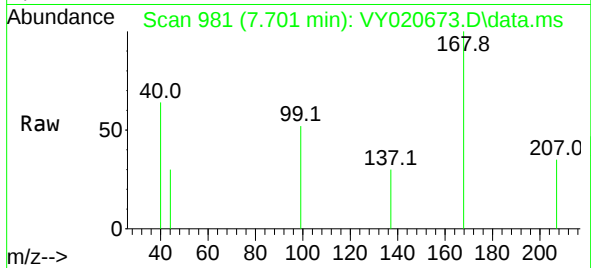




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

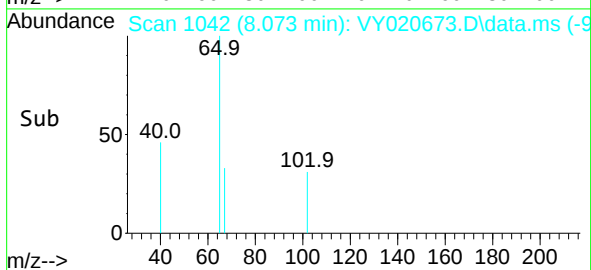
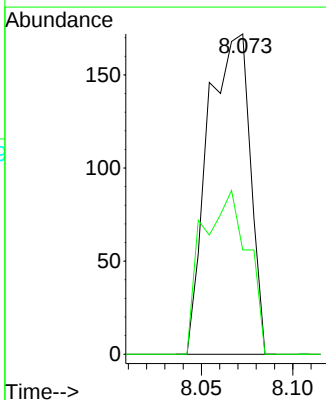
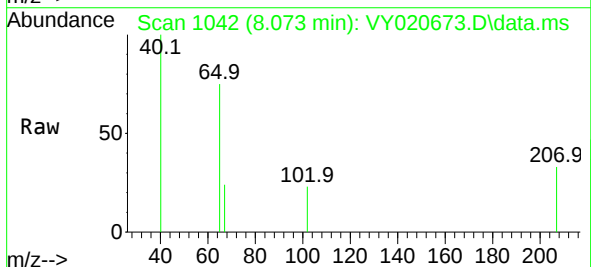
Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

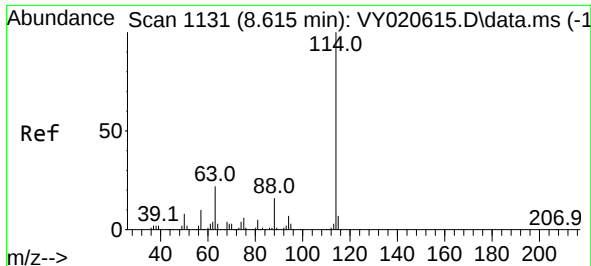
Tgt Ion:168 Resp: 608
Ion Ratio Lower Upper
168 100
99 51.8 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 41.298 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion: 65 Resp: 275
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VNJ281

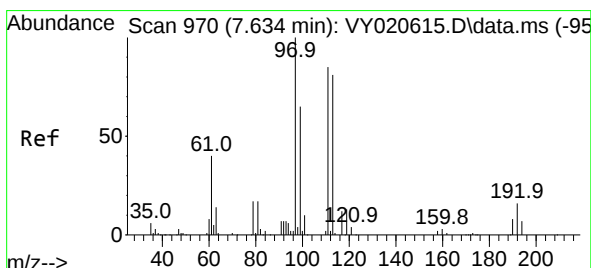
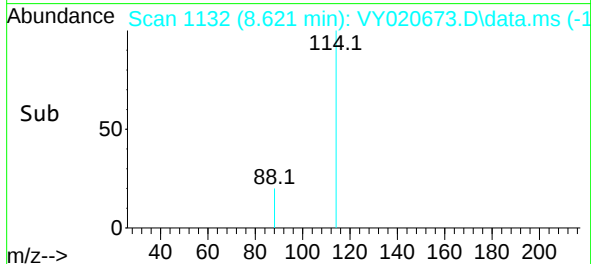
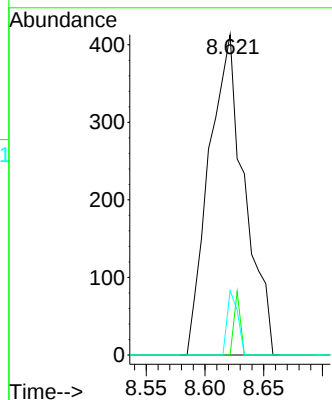
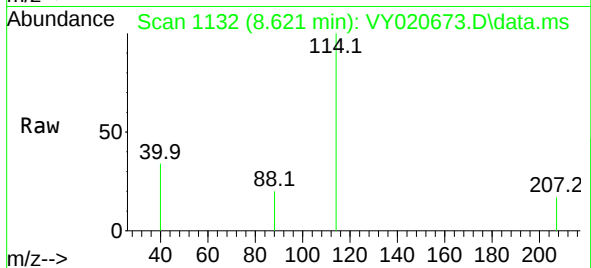
Tgt Ion:114 Resp: 872

Ion Ratio Lower Upper

114 100

63 0.0 0.0 44.0

88 20.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.815 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY020673.D

Acq: 20 Dec 2024 16:07

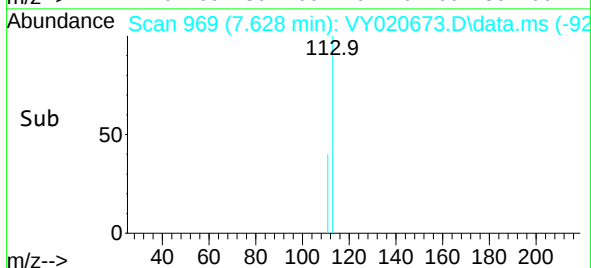
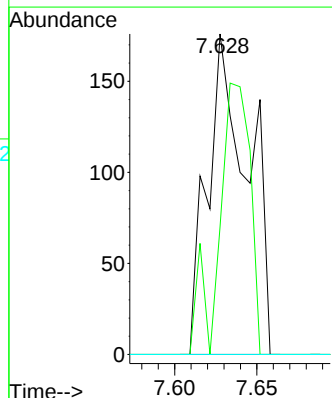
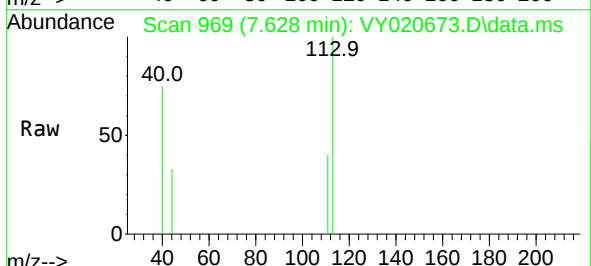
Tgt Ion:113 Resp: 300

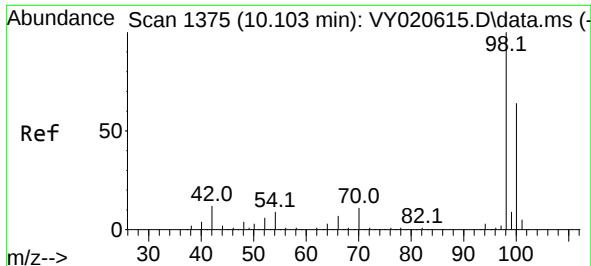
Ion Ratio Lower Upper

113 100

111 65.7 82.9 124.3#

192 0.0 15.7 23.5#

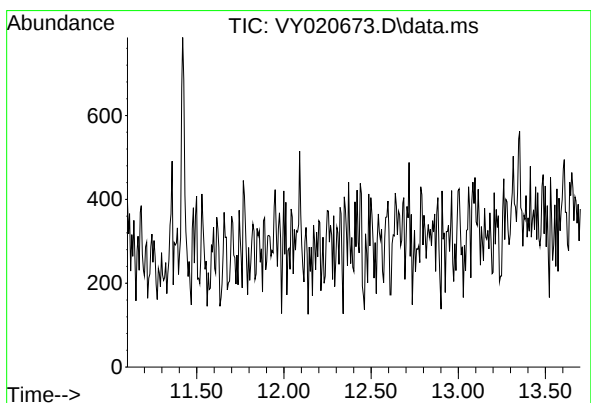
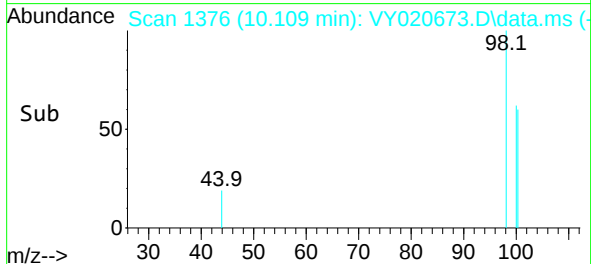
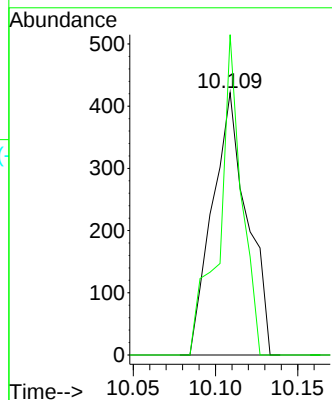
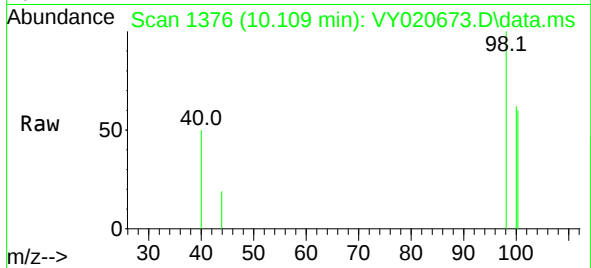




#50
Toluene-d8
Concen: 28.823 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

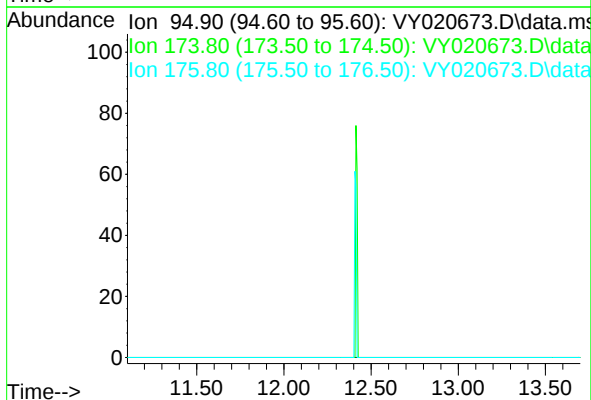
Tgt Ion: 98 Resp: 620
Ion Ratio Lower Upper
98 100
100 79.2 52.1 78.1#

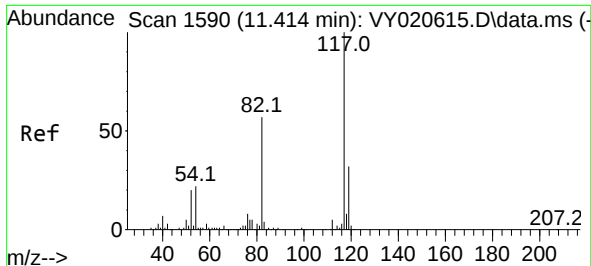


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.40 min

Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.9
176 78.3

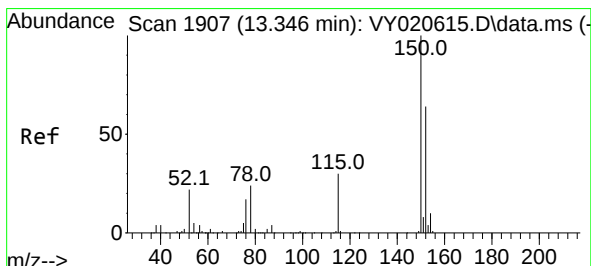
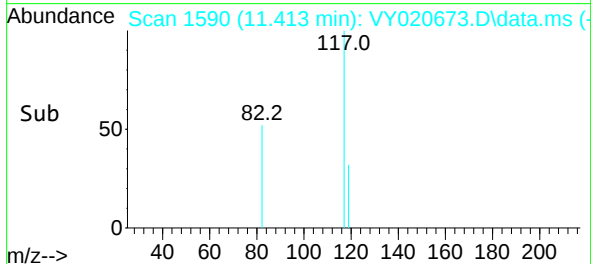
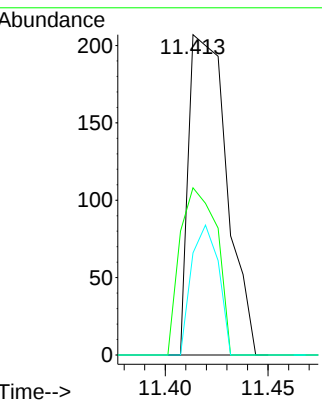
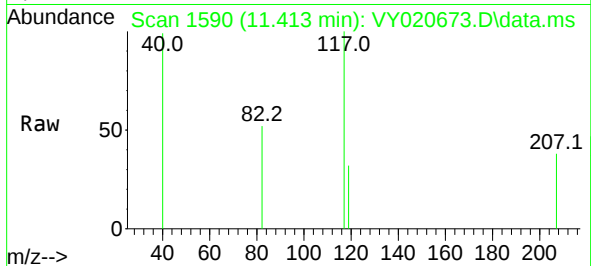




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

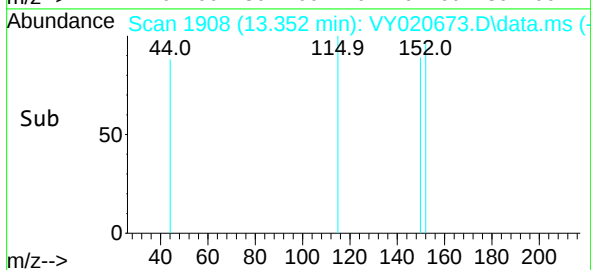
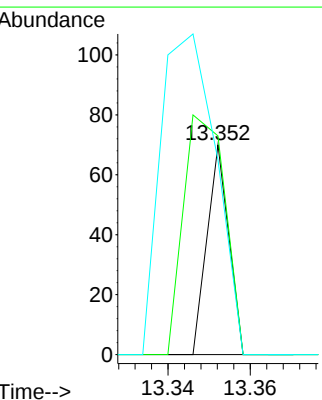
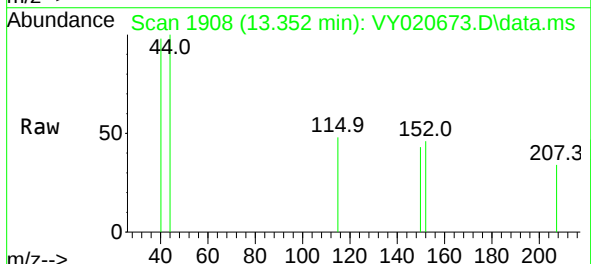
Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

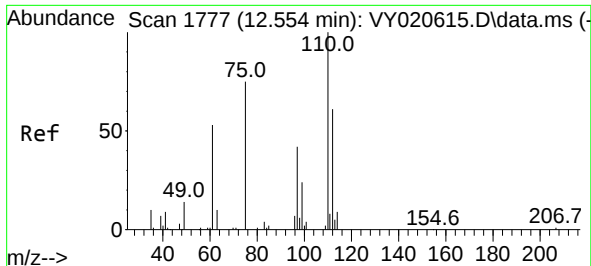
Tgt Ion:117	Resp:	267
Ion	Ratio	Lower Upper
117	100	
82	52.2	45.8 68.6
119	31.9	25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion:152	Resp:	26
Ion	Ratio	Lower Upper
152	100	
115	215.4	30.2 90.6#
150	384.6	0.0 355.4#

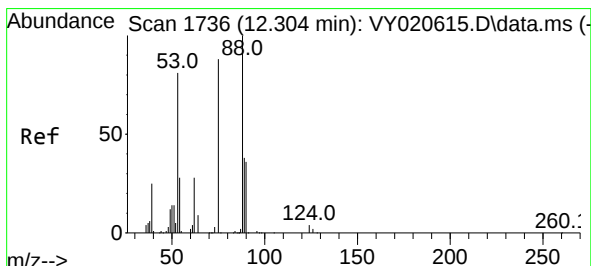
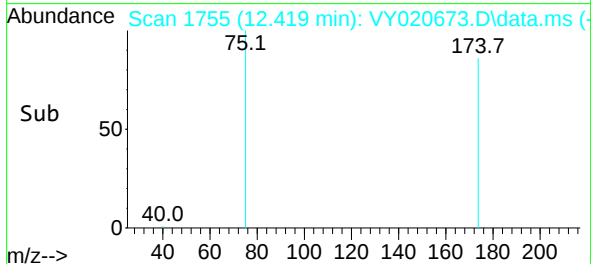
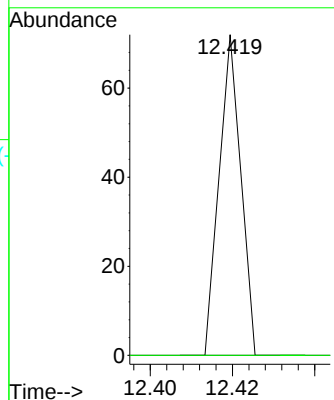
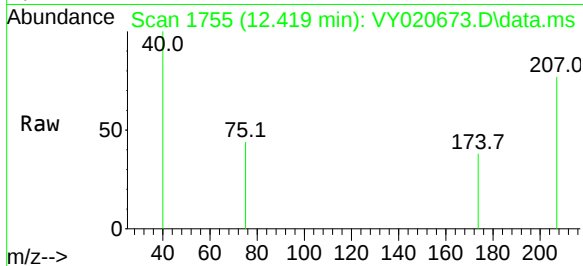




#76
1,2,3-Trichloropropane
Concen: 96.264 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. -0.134 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 202.063 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. 0.116 min
Lab File: VY020673.D
Acq: 20 Dec 2024 16:07

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

