

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020726.D
 Acq On : 26 Dec 2024 18:48
 Operator : SY/MD
 Sample : P5318-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 00:36:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

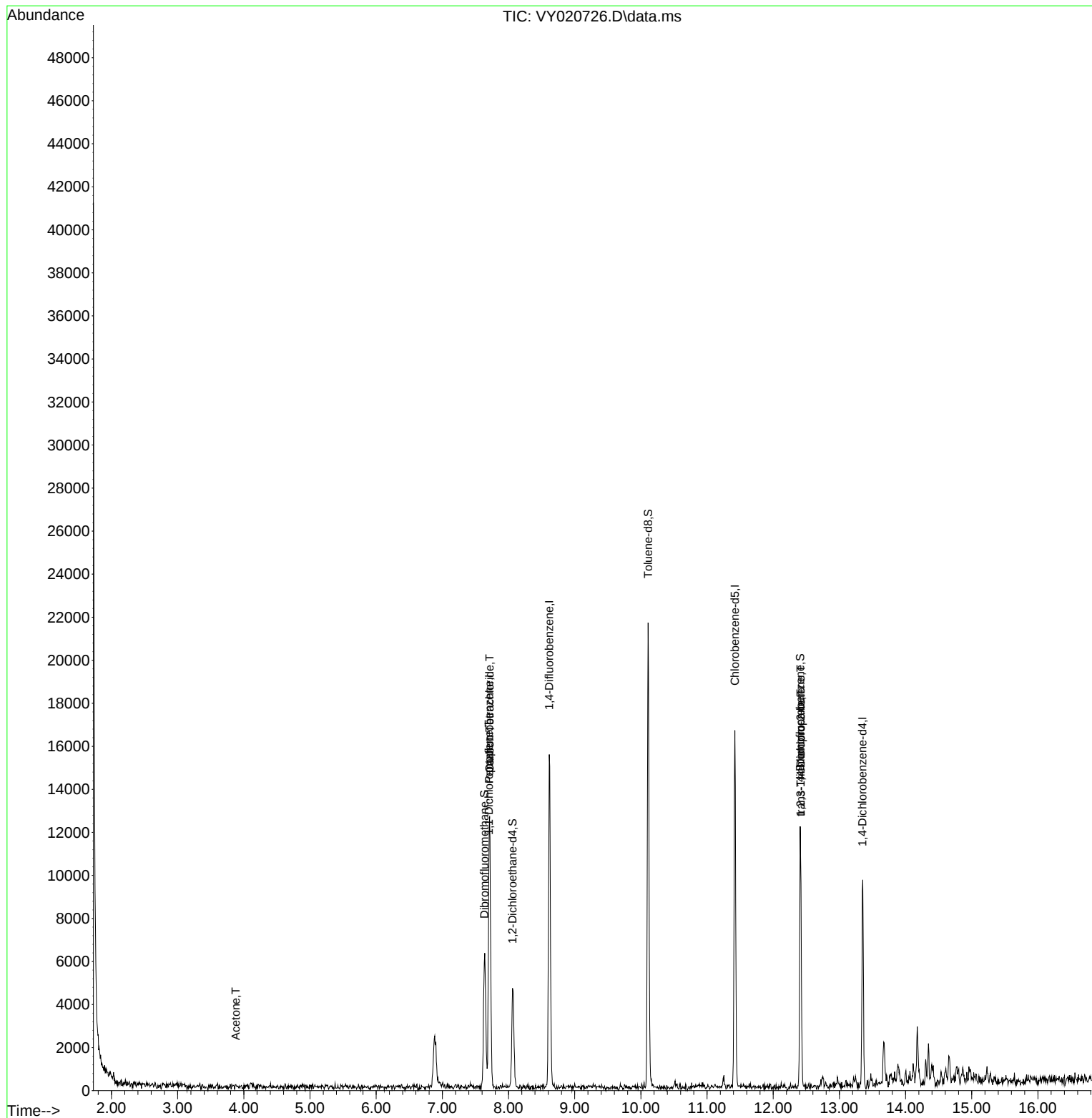
Internal Standards						
1) Pentafluorobenzene	7.707	168	10153	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	13719	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	9452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4348	52.283	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.634	113	4352	57.592	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.180%	
50) Toluene-d8	10.109	98	15091	50.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.408	95	3606	35.908	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 71.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	90	8.531	ug/l #	43
36) 1,1-Dichloropropene	7.701	75	744	7.454	ug/l #	39
38) Carbon Tetrachloride	7.713	117	1192	7.252	ug/l #	21
76) 1,2,3-Trichloropropane	12.414	75	2027	113.539	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	2027	224.422	ug/l #	8

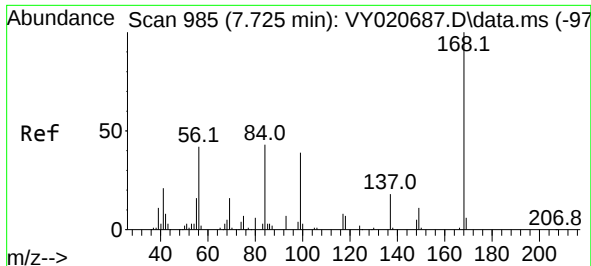
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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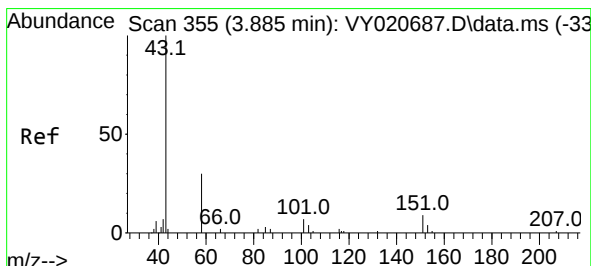
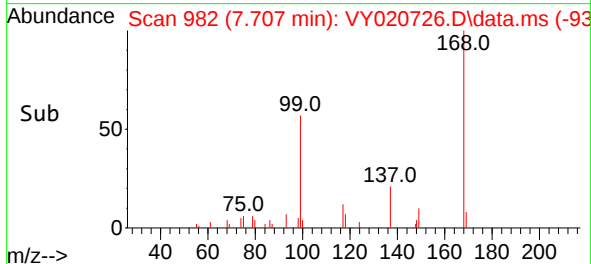
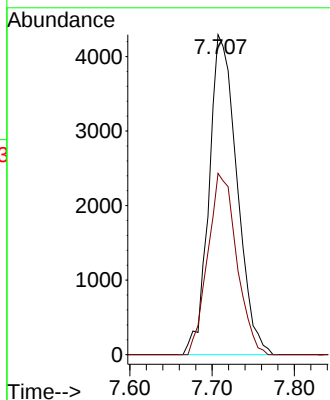
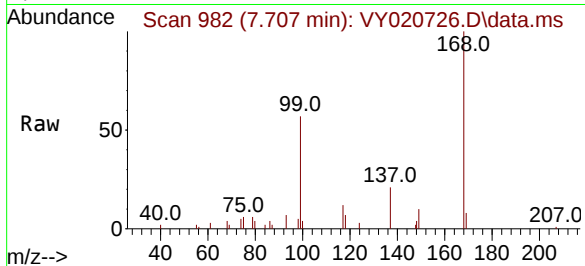




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

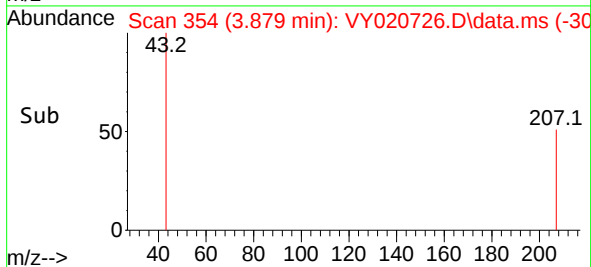
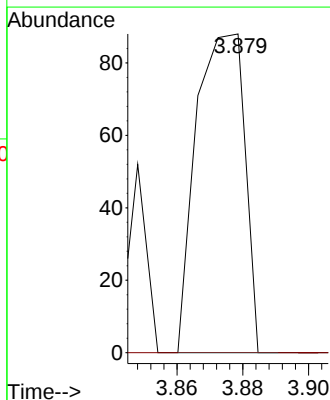
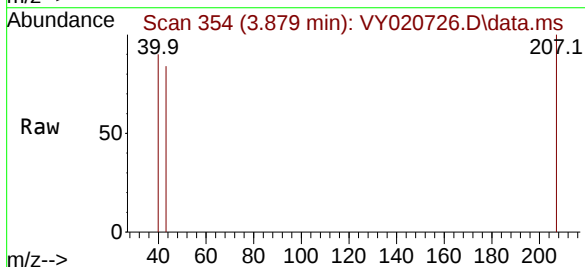
Instrument :
MSVOA_Y
ClientSampleId :

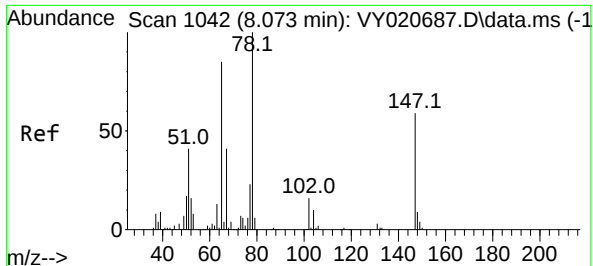
Tgt Ion:168 Resp: 10153
Ion Ratio Lower Upper
168 100
99 56.7 43.8 65.6



#16
Acetone
Concen: 8.531 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#





#33

1,2-Dichloroethane-d4

Concen: 52.283 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Instrument :

MSVOA_Y

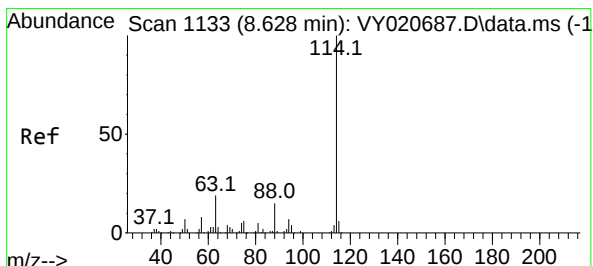
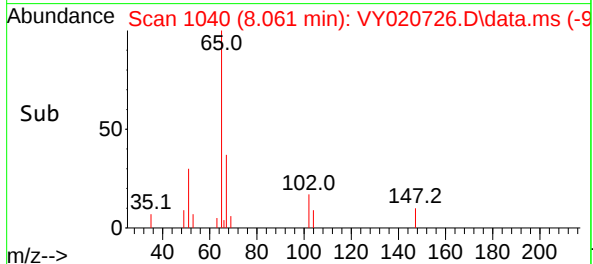
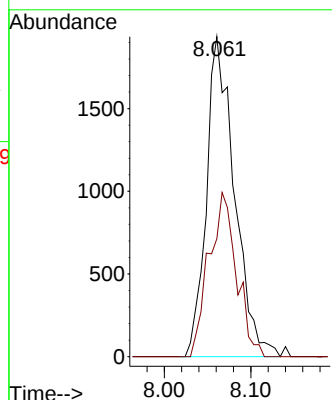
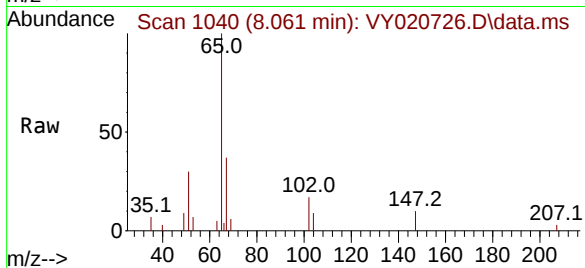
ClientSampleId :

Tgt Ion: 65 Resp: 4348

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

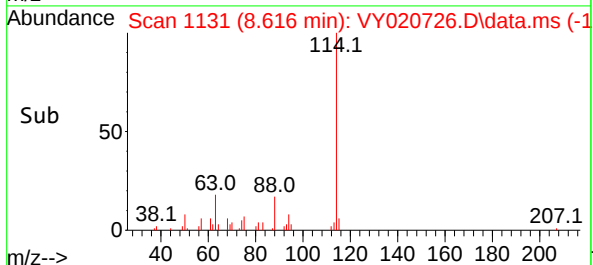
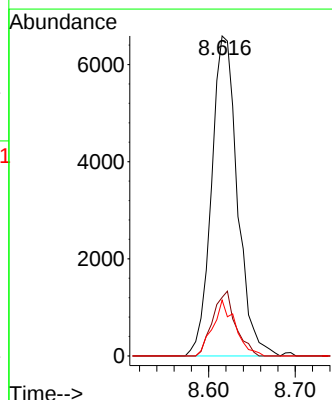
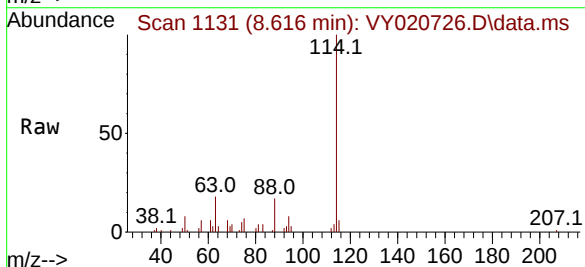
Tgt Ion: 114 Resp: 13719

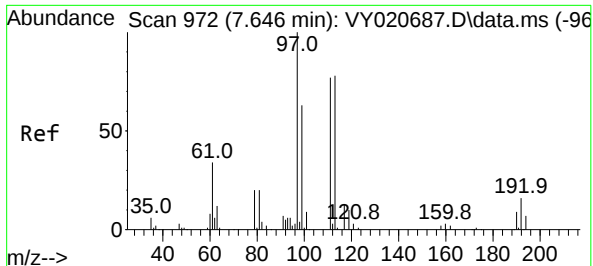
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 17.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 57.592 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.012 min

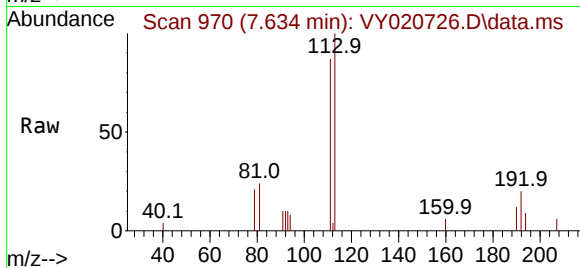
Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

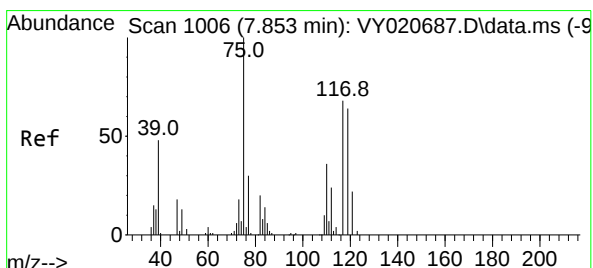
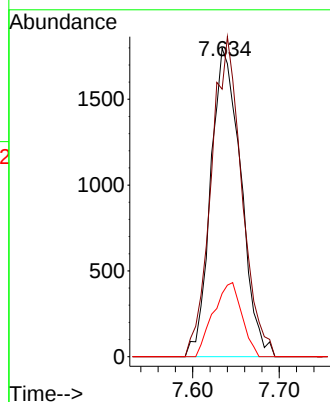
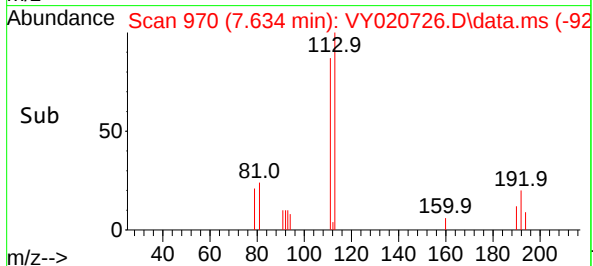
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	4352
Ion	Ratio	Lower	Upper
113	100		
111	104.7	79.8	119.8
192	22.6	17.0	25.6



#36

1,1-Dichloropropene

Concen: 7.454 ug/l

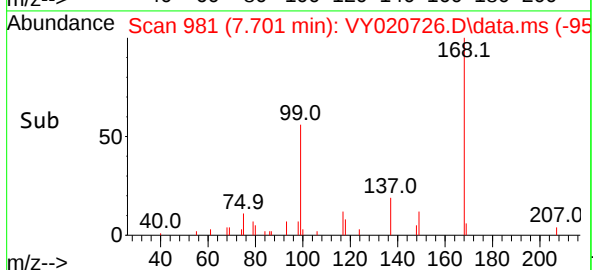
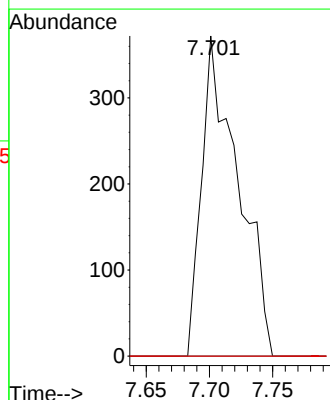
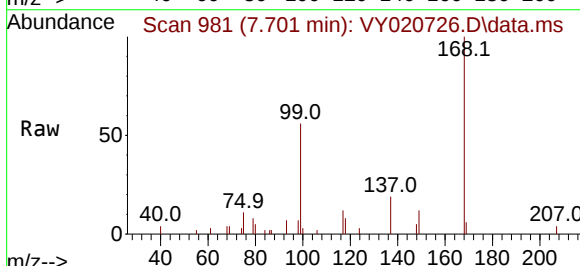
RT: 7.701 min Scan# 981

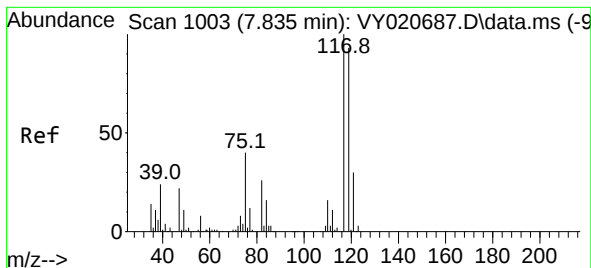
Delta R.T. -0.152 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Tgt Ion:	75	Resp:	744
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.6	58.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 7.252 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020726.D

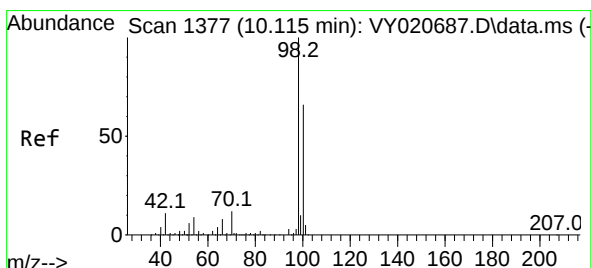
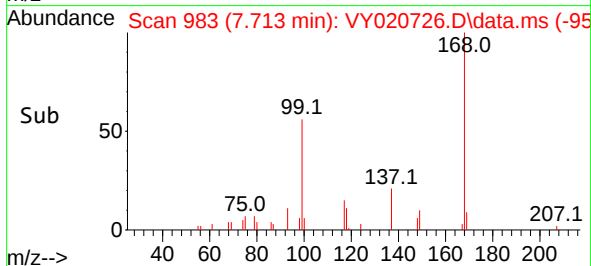
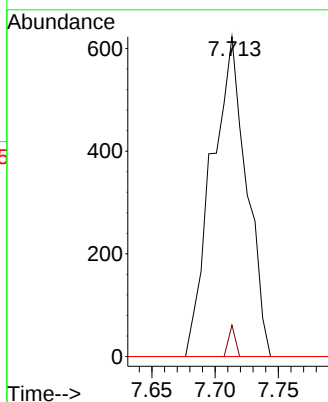
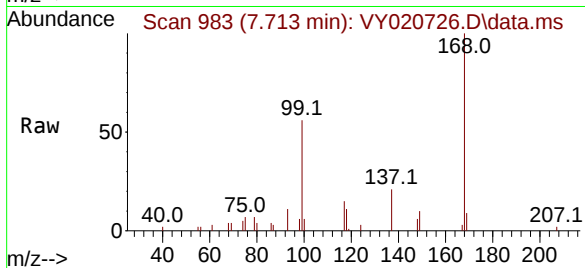
Acq: 26 Dec 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	1192
Ion	Ratio	Lower Upper
117	100	
119	9.8	74.4 111.6#
121	0.0	24.2 36.2#



#50

Toluene-d8

Concen: 50.212 ug/l

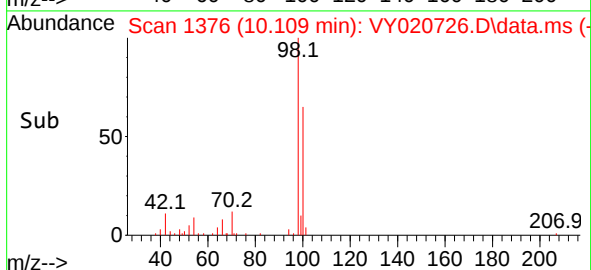
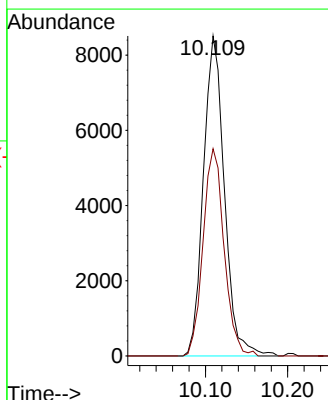
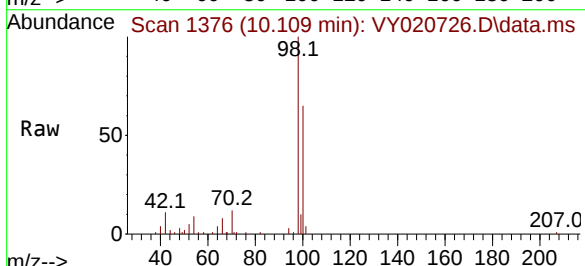
RT: 10.109 min Scan# 1376

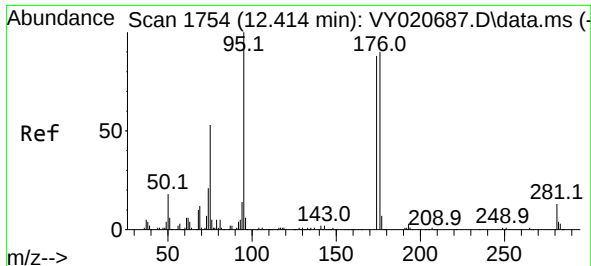
Delta R.T. -0.006 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Tgt Ion: 98	Resp:	15091
Ion	Ratio	Lower Upper
98	100	
100	64.9	52.2 78.4

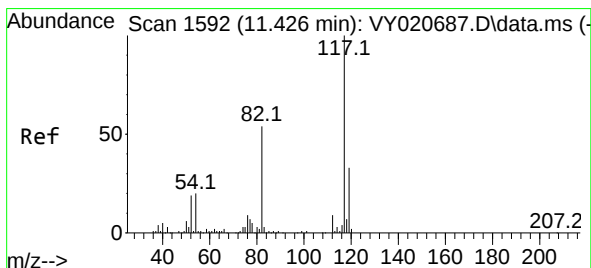
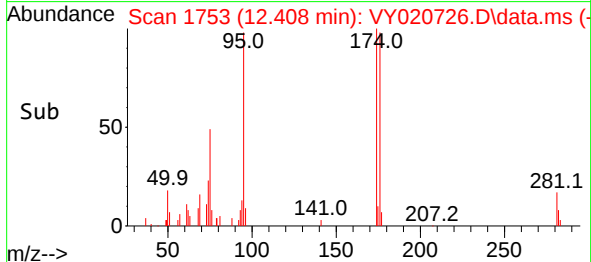
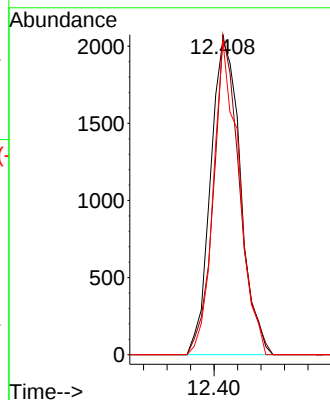
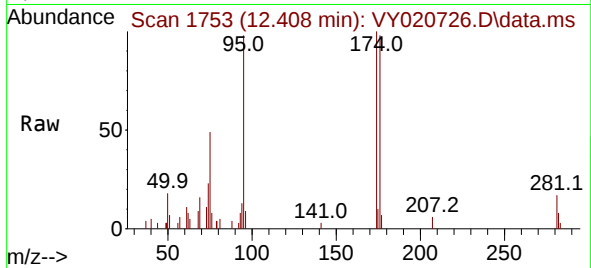




#62
4-Bromofluorobenzene
Concen: 35.908 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

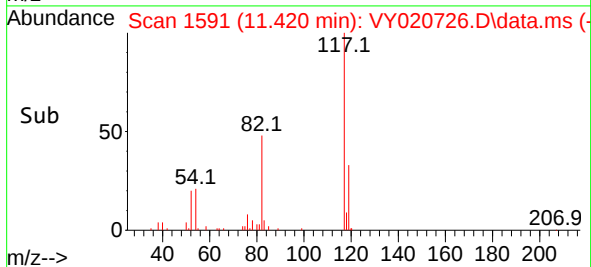
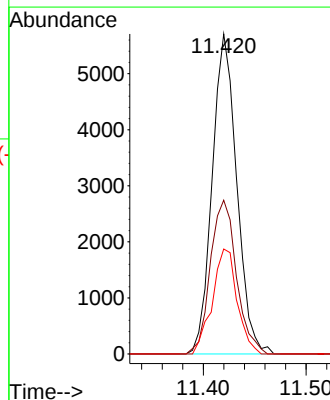
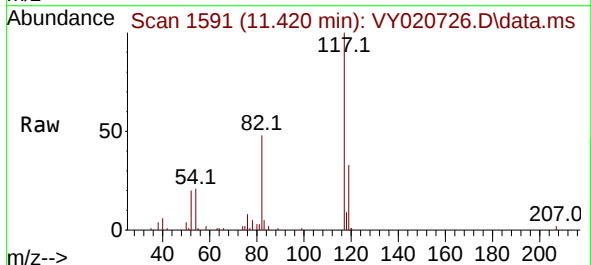
Instrument :
MSVOA_Y
ClientSampleId :

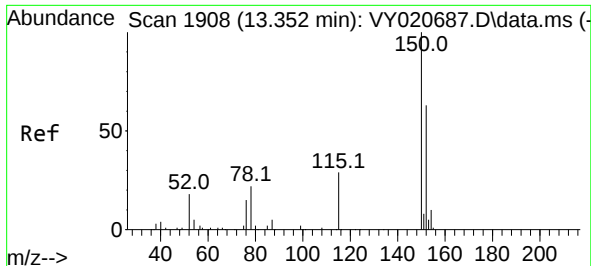
Tgt Ion: 95 Resp: 3606
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.2
176 85.8 0.0 179.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

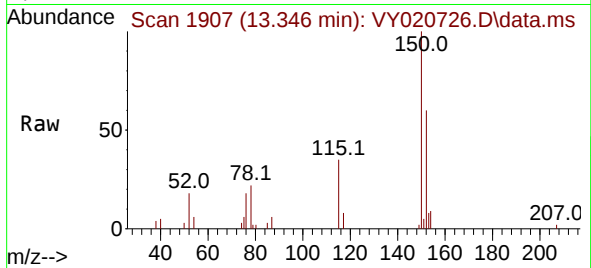
Tgt Ion: 117 Resp: 9452
Ion Ratio Lower Upper
117 100
82 48.0 43.4 65.2
119 32.8 26.6 39.8



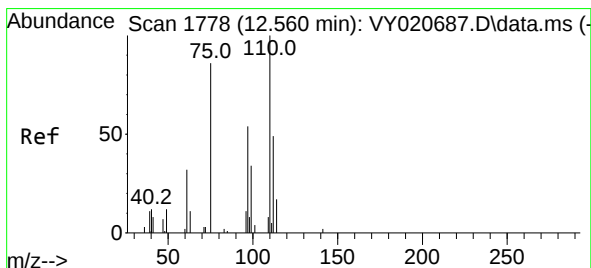
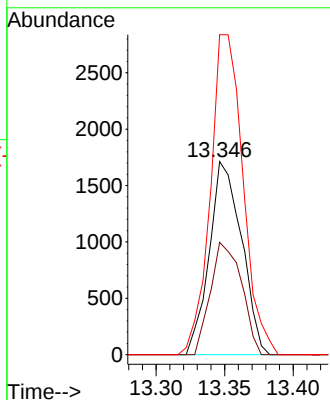
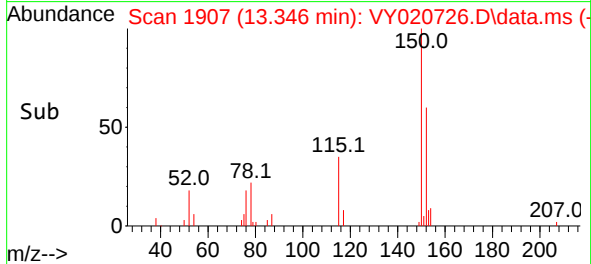


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY020726.D
 Acq: 26 Dec 2024 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :

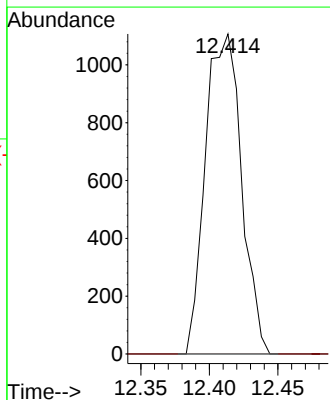
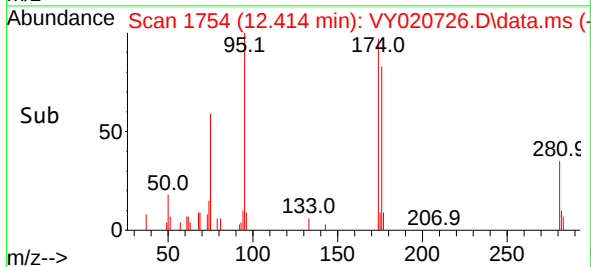
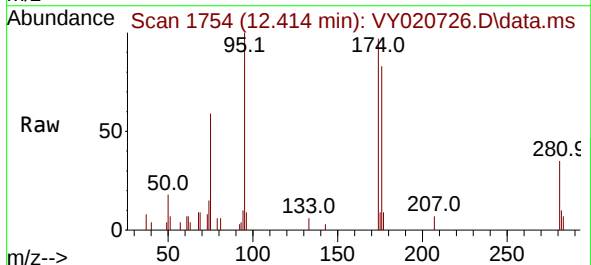


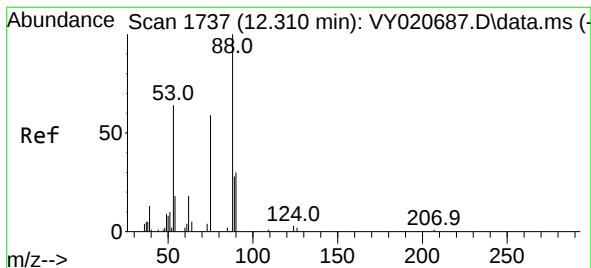
Tgt Ion:152 Resp: 2807
 Ion Ratio Lower Upper
 152 100
 115 55.9 30.3 90.9
 150 167.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 113.539 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020726.D
 Acq: 26 Dec 2024 18:48

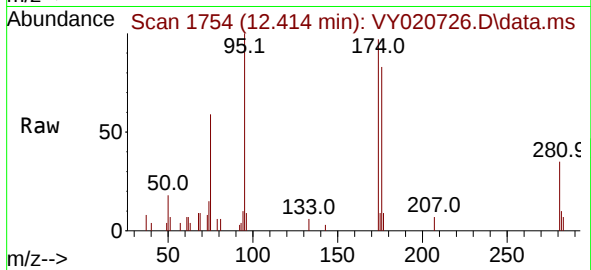
Tgt Ion: 75 Resp: 2027
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 224.422 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.1	124.7#
89	0.0	40.6	61.0#

