

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019762.D
 Acq On : 02 Oct 2024 14:13
 Operator : SY/MD
 Sample : P4236-14RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-VOCRE

Quant Time: Oct 03 02:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

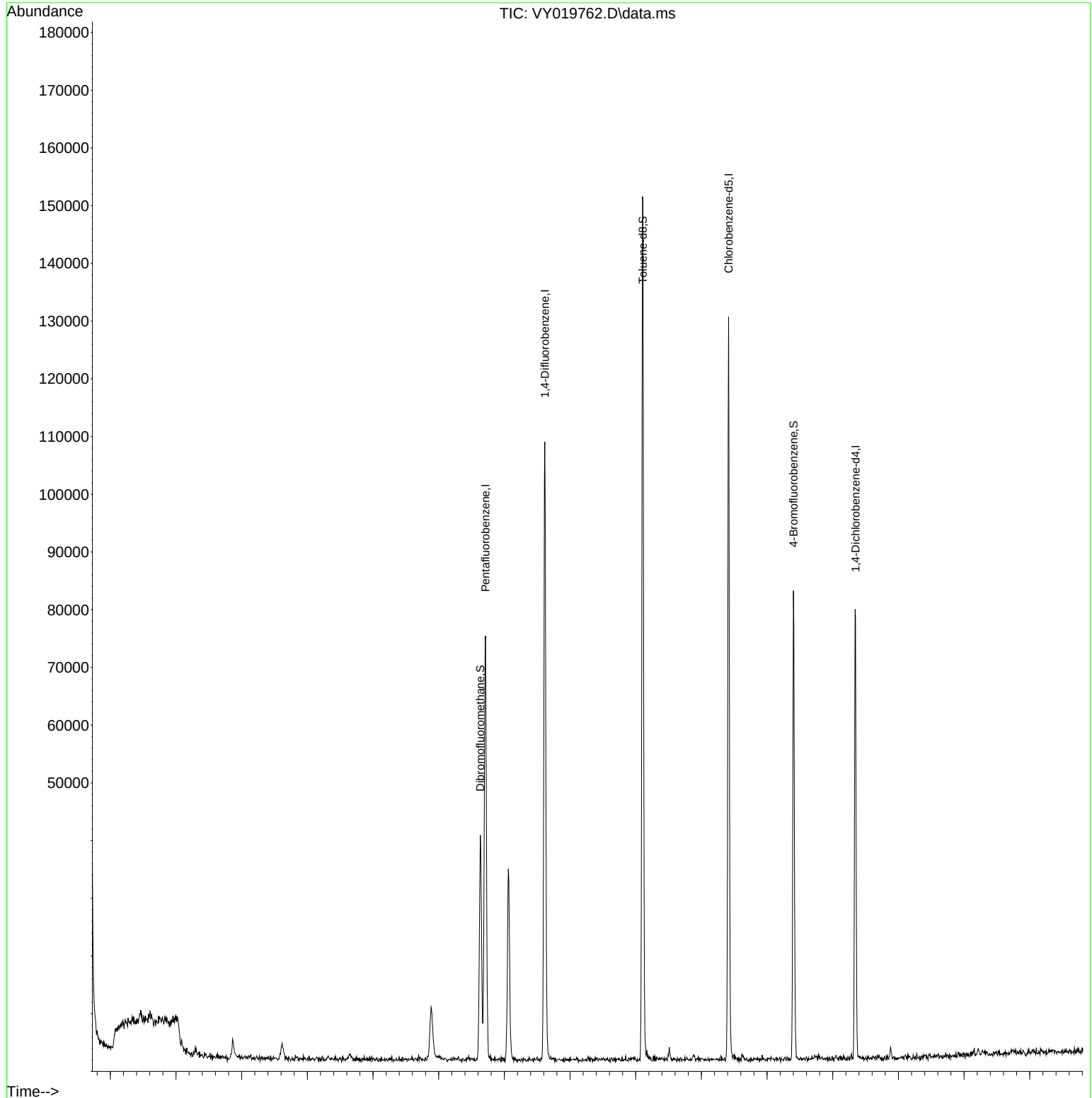
Internal Standards						
1) Pentafluorobenzene	7.713	168	54350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	91082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	19302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26397	52.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.900%
35) Dibromofluoromethane	7.634	113	26829	51.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.109	98	100108	52.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.401	95	25837	35.179	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.360%
Target Compounds						
16) Acetone	3.860	43	5332	44.472	ug/l	Qvalue # 78

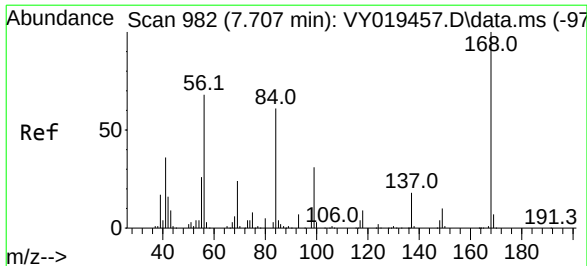
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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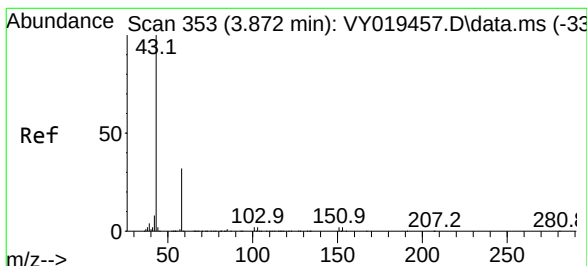
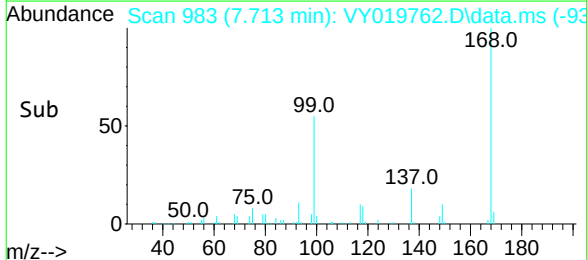
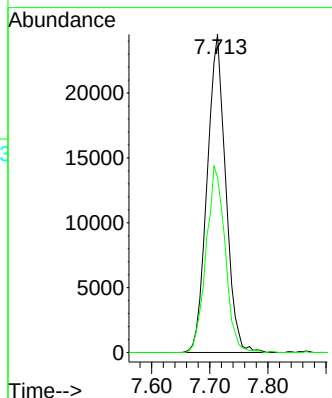
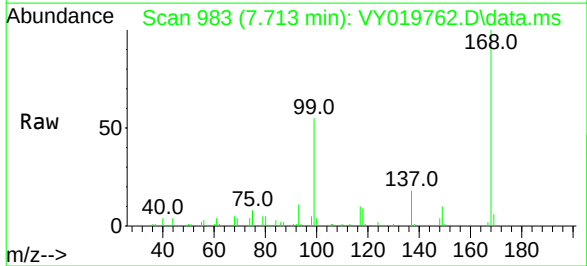




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

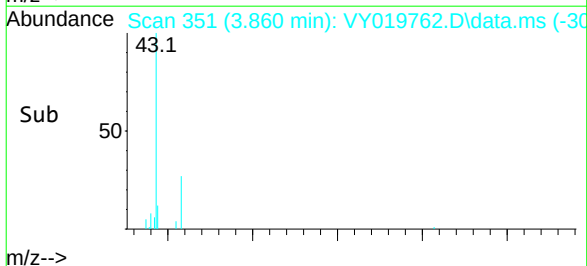
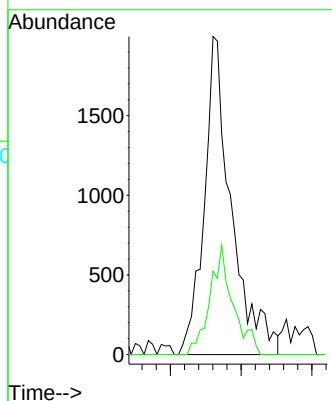
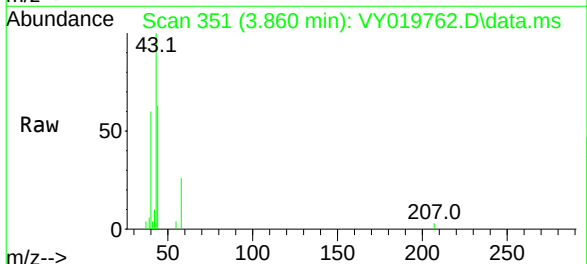
Instrument :
MSVOA_Y
ClientSampleId :
TP2-VOCRE

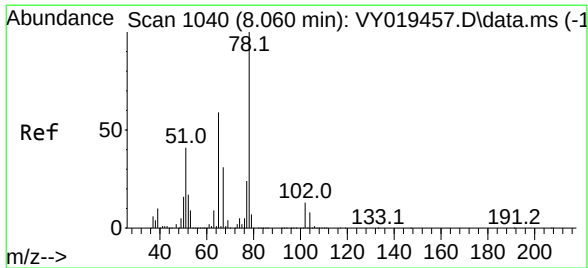
Tgt Ion:168 Resp: 54350
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#16
Acetone
Concen: 44.472 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 43 Resp: 5332
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#

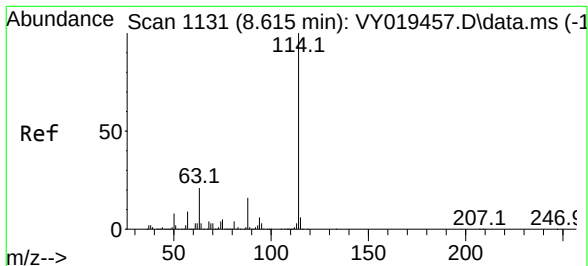
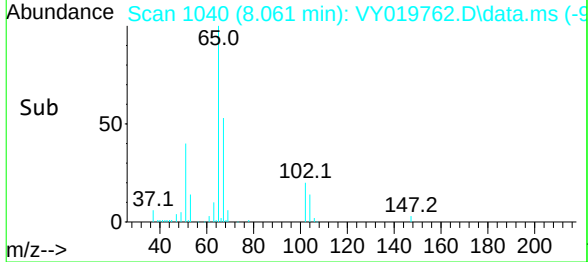
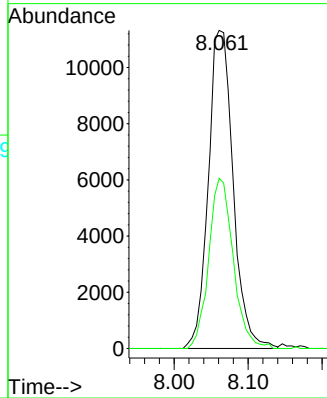
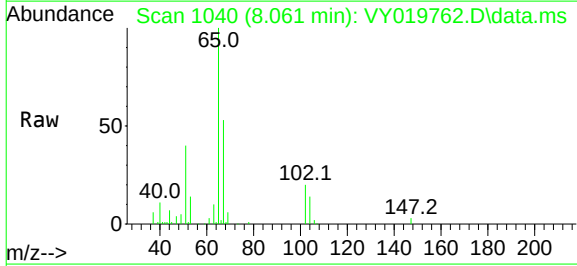




#33
1,2-Dichloroethane-d4
Concen: 52.451 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

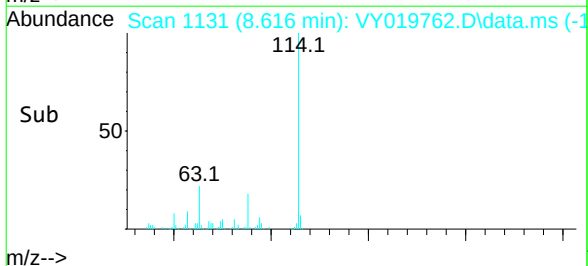
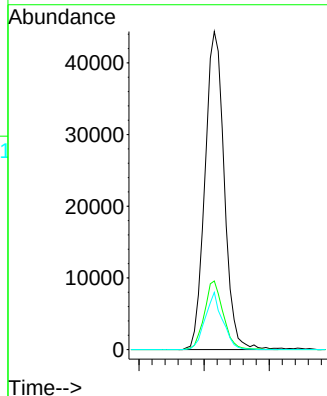
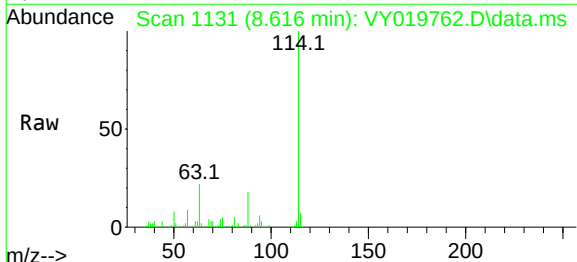
Instrument :
MSVOA_Y
ClientSampleId :
TP2-VOCRE

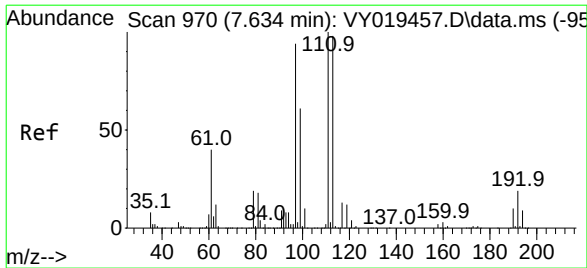
Tgt Ion: 65 Resp: 26397
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 114 Resp: 91082
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.0
88 18.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.952 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

TP2-VOCRE

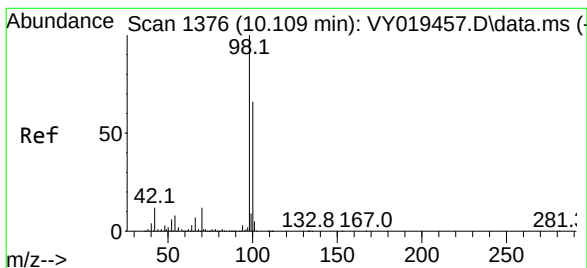
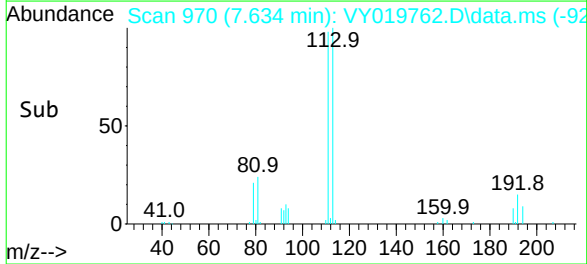
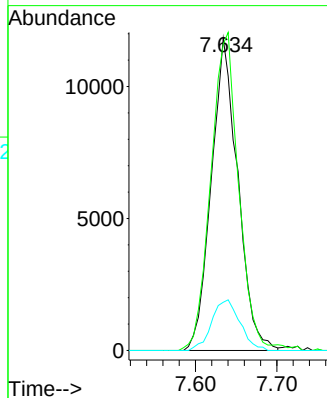
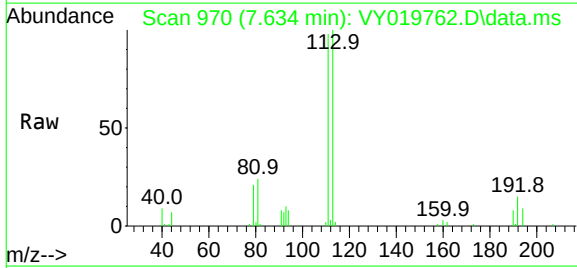
Tgt Ion:113 Resp: 26829

Ion Ratio Lower Upper

113 100

111 106.8 82.2 123.4

192 17.3 15.9 23.9



#50

Toluene-d8

Concen: 52.410 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019762.D

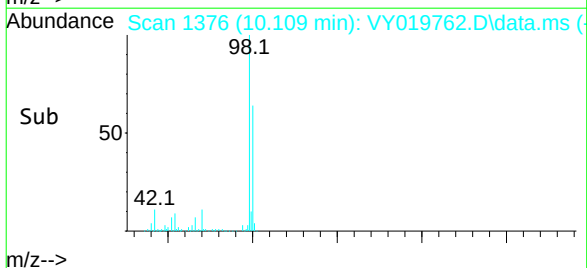
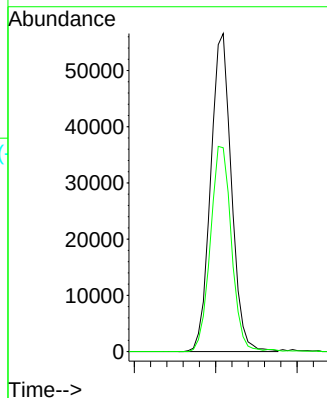
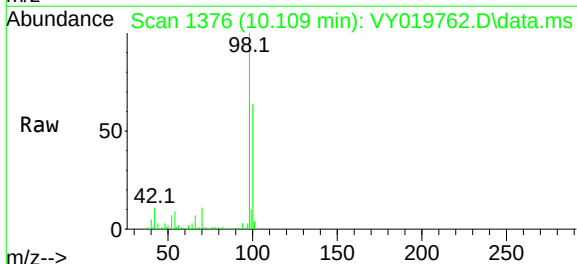
Acq: 02 Oct 2024 14:13

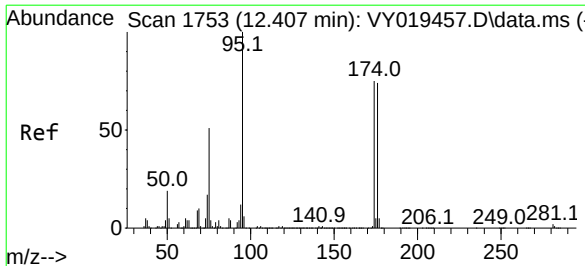
Tgt Ion: 98 Resp: 100108

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 35.179 ug/l

RT: 12.401 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY019762.D

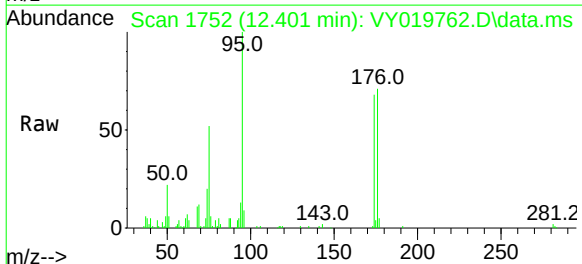
Acq: 02 Oct 2024 14:13

Instrument :

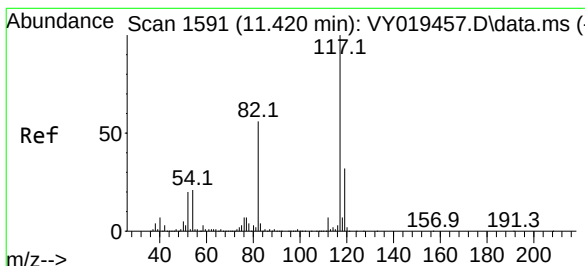
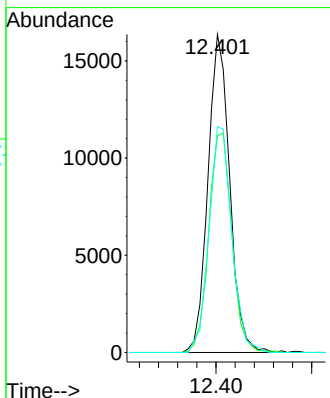
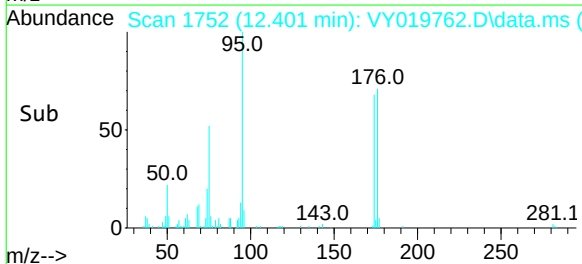
MSVOA_Y

ClientSampleId :

TP2-VOCRE



Tgt Ion:	95	Resp:	25837
Ion Ratio	Lower	Upper	
95	100		
174	73.1	0.0	175.6
176	74.4	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

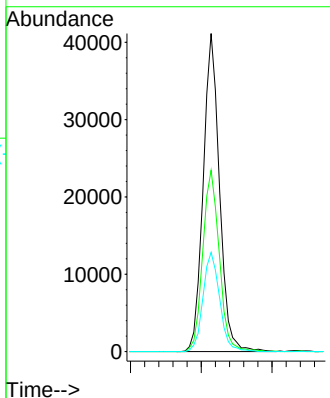
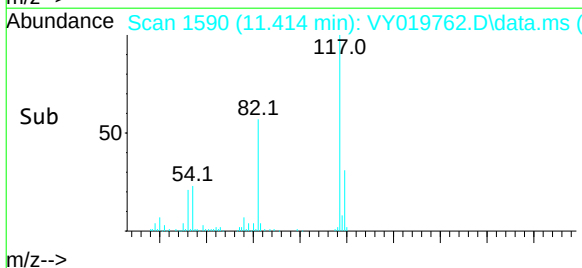
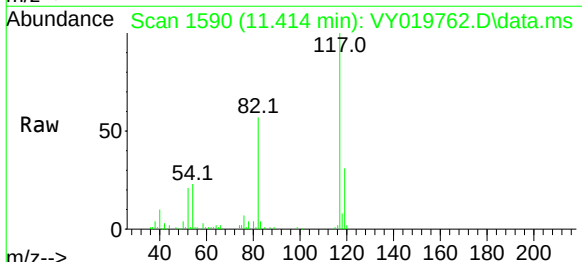
RT: 11.414 min Scan# 1590

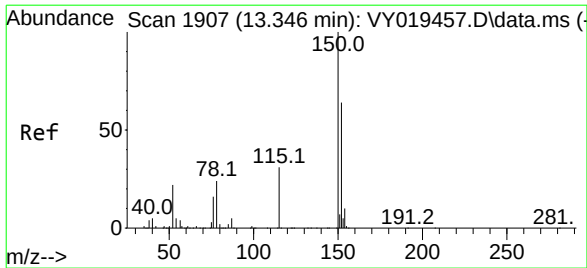
Delta R.T. -0.006 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

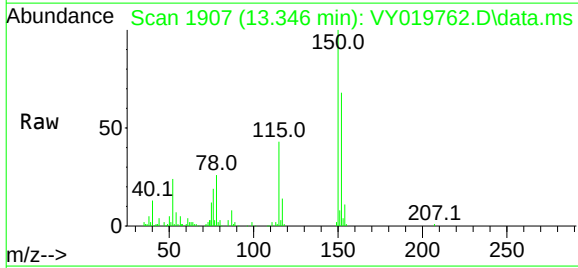
Tgt Ion:	117	Resp:	65855
Ion Ratio	Lower	Upper	
117	100		
82	57.0	42.4	63.6
119	31.2	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY019762.D
 Acq: 02 Oct 2024 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-VOCRE



Tgt	Ion:152	Resp:	19302
Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	156.5	0.0	345.6

