

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020180.D
 Acq On : 06 Nov 2024 14:43
 Operator : SY/MD
 Sample : P4667-03
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-6-VOC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/07/2024
 Supervised By : Mahesh Dadoda 11/07/2024

Quant Time: Nov 07 00:26:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	10591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	17558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	12323	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6457	48.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.640	113	5931	53.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.109	98	19907	44.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.408	95	3882	26.896	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	53.800%
Target Compounds						
16) Acetone	3.860	43	1177m	38.289	ug/l	Qvalue

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

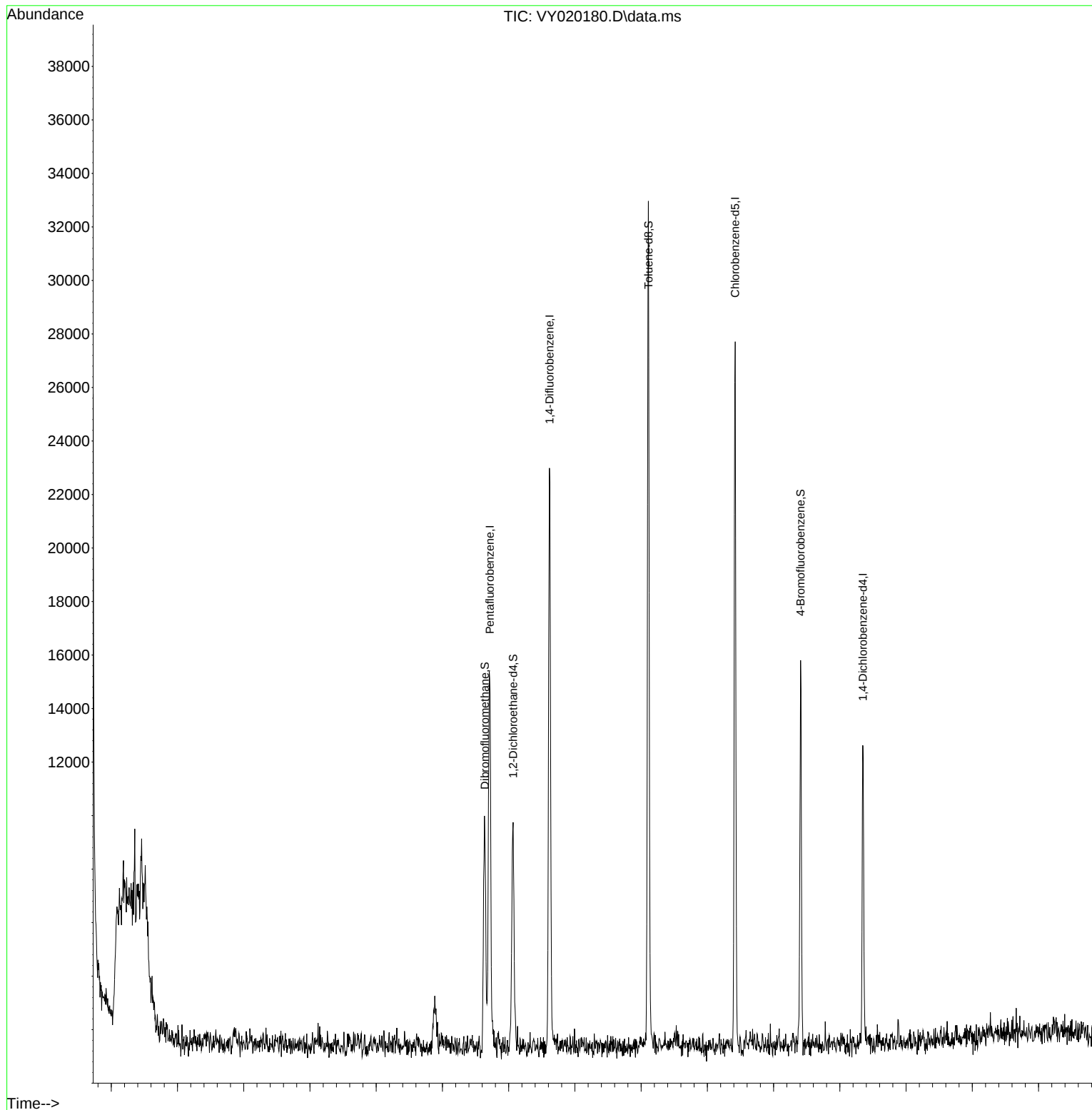
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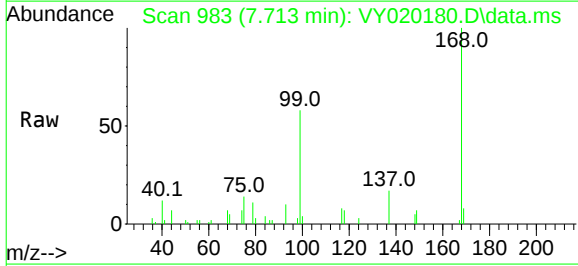
Reviewed By :Semsettin Yesilyurt 11/07/2024
Supervised By :Mahesh Dadoda 11/07/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020180.D
Acq: 06 Nov 2024 14:43

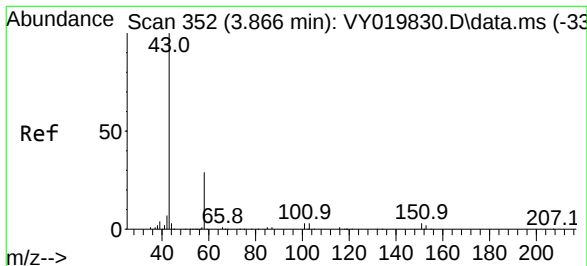
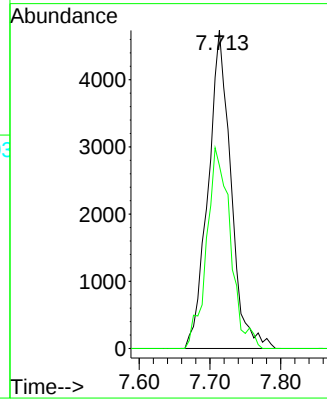
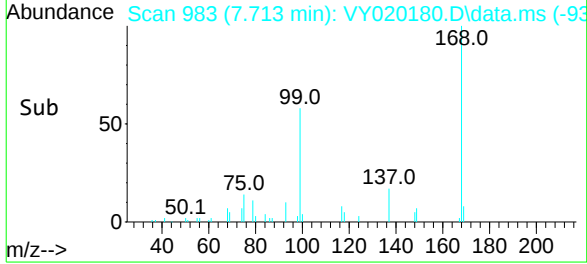
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-6-VOC



Tgt Ion: 168 Resp: 10591
Ion Ratio Lower Upper
168 100
99 57.5 39.1 58.7

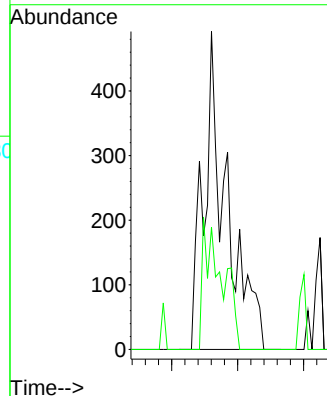
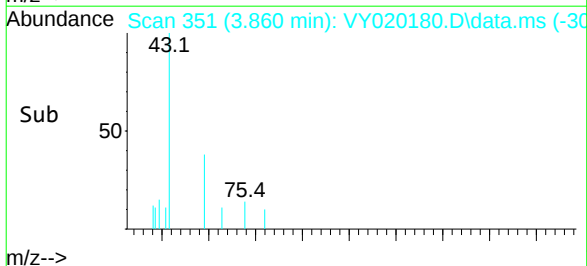
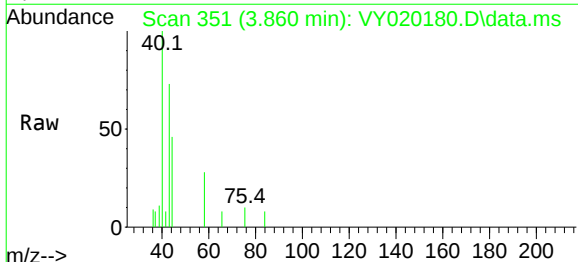
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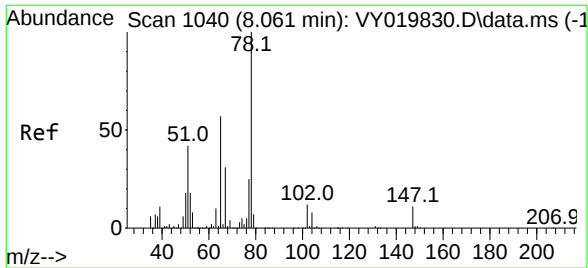
Reviewed By :Semsettin Yesilyurt 11/07/2024
Supervised By :Mahesh Dadoda 11/07/2024



#16
Acetone
Concen: 38.289 ug/l m
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY020180.D
Acq: 06 Nov 2024 14:43

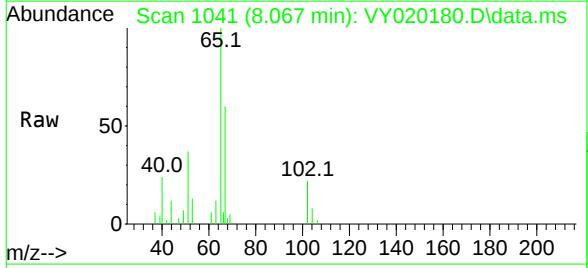
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 38.4 31.7 47.5





#33
1,2-Dichloroethane-d4
Concen: 48.849 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020180.D
Acq: 06 Nov 2024 14:43

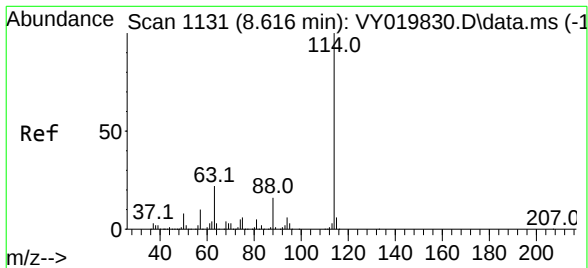
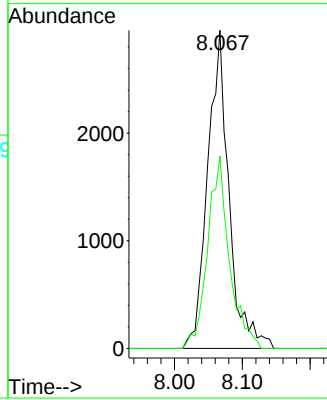
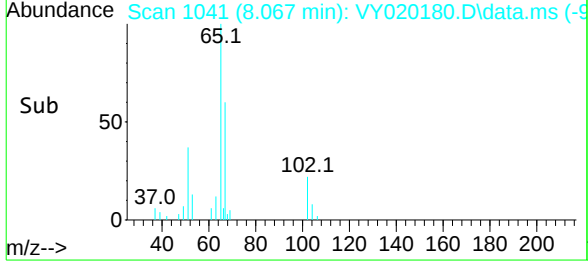
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-6-VOC



Tgt Ion: 65 Resp: 6457
Ion Ratio Lower Upper
65 100
67 61.6 0.0 109.6

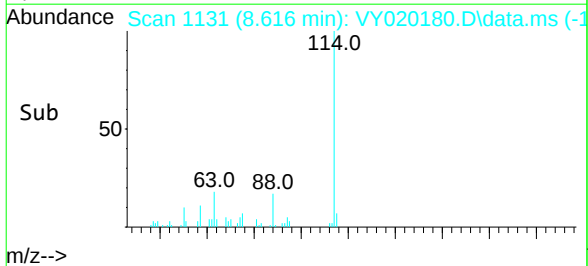
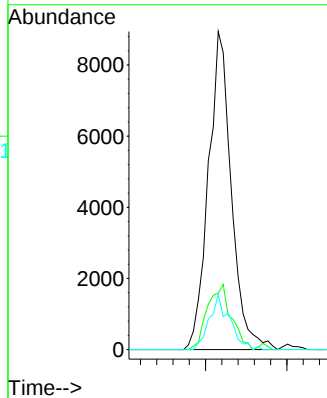
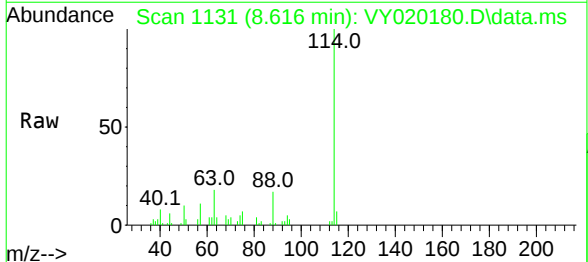
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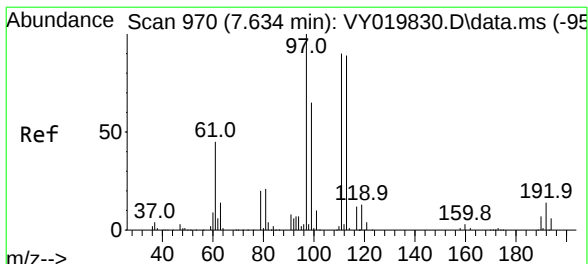
Reviewed By :Semsettin Yesilyurt 11/07/2024
Supervised By :Mahesh Dadoda 11/07/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020180.D
Acq: 06 Nov 2024 14:43

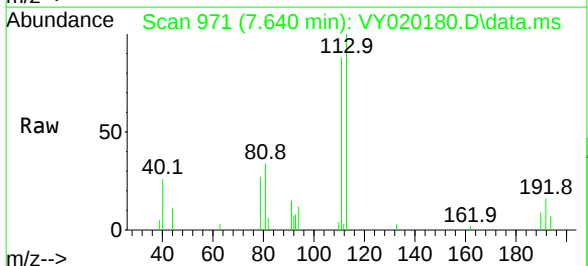
Tgt Ion:114 Resp: 17558
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.0
88 17.3 0.0 27.2





#35
 Dibromofluoromethane
 Concen: 53.130 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020180.D
 Acq: 06 Nov 2024 14:43

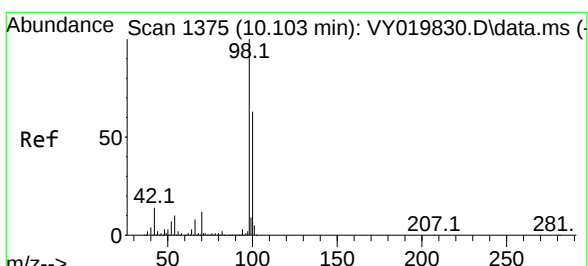
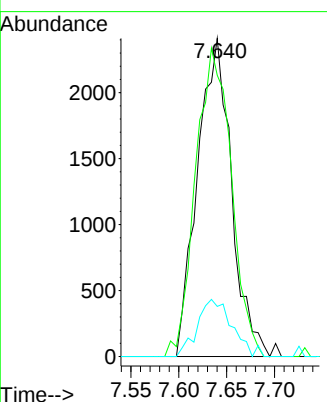
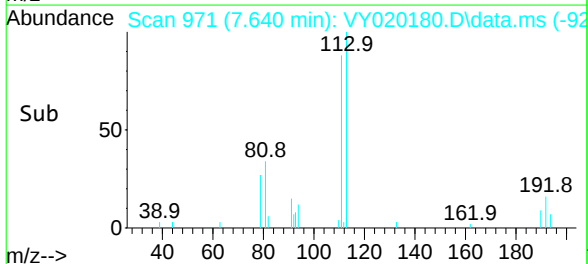
Instrument : MSVOA_Y
 ClientSampleId : BP-F-6-VOC



Tgt Ion:	113	Resp:	5931
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	18.5	15.9	23.9

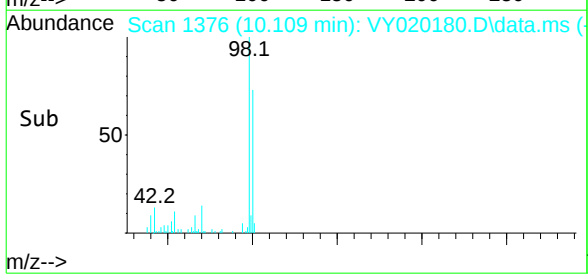
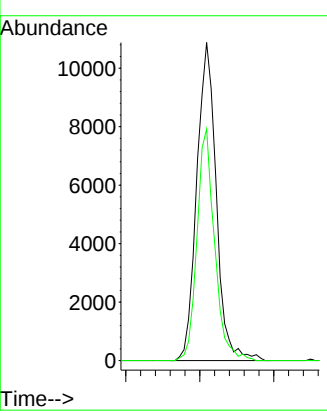
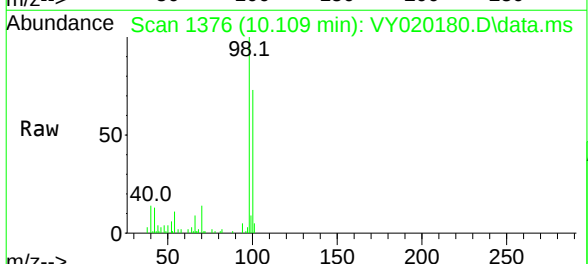
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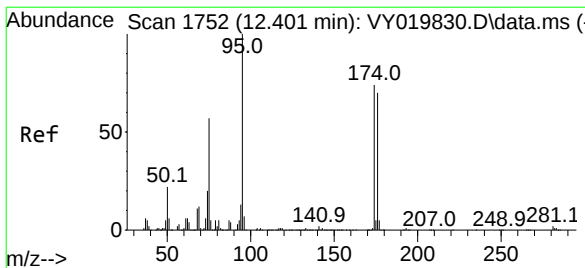
Reviewed By :Semsettin Yesilyurt 11/07/2024
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#50
 Toluene-d8
 Concen: 44.800 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY020180.D
 Acq: 06 Nov 2024 14:43

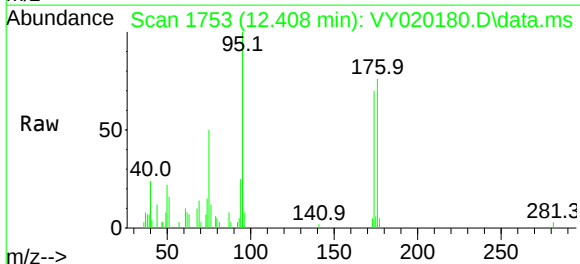
Tgt Ion:	98	Resp:	19907
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0





#62
4-Bromofluorobenzene
Concen: 26.896 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020180.D
Acq: 06 Nov 2024 14:43

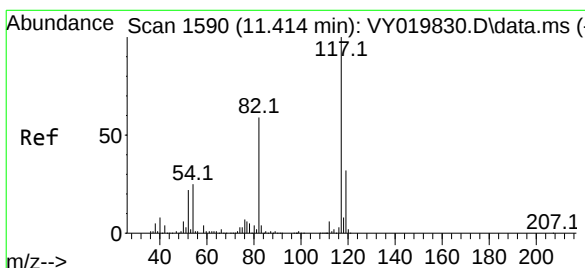
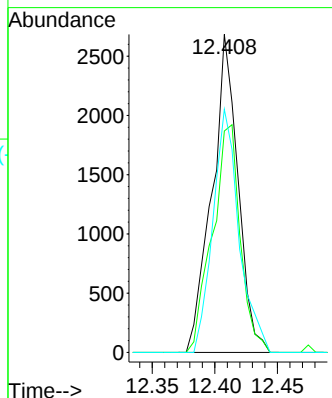
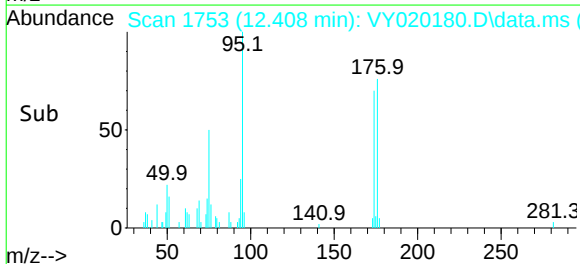
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BP-F-6-VOC



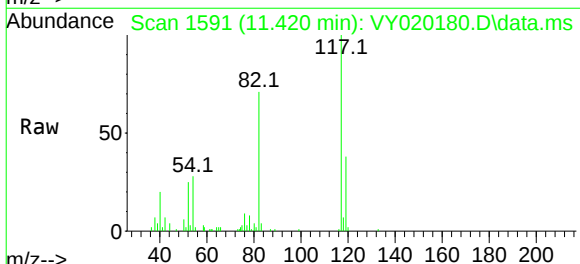
Tgt Ion: 95 Resp: 3882
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 76.7 0.0 171.4

Manual Integrations
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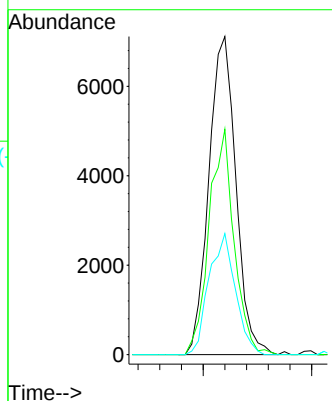
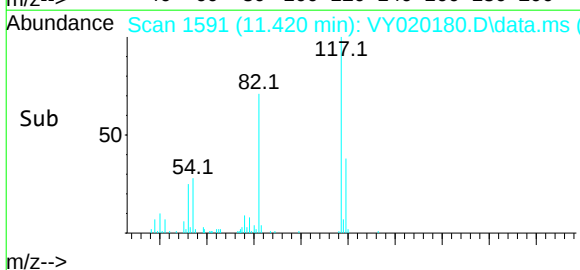
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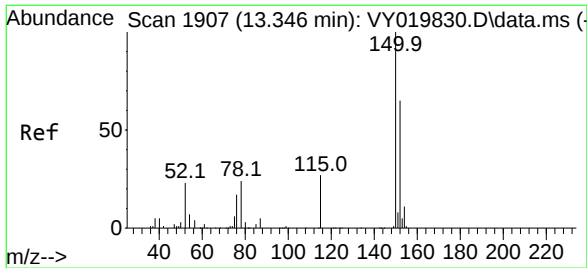


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020180.D
Acq: 06 Nov 2024 14:43



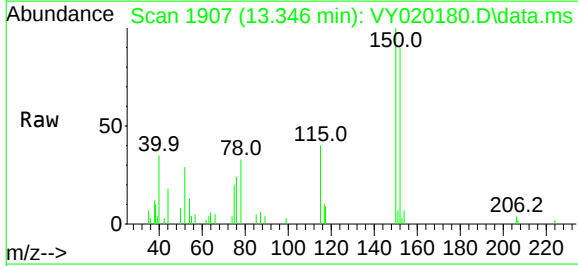
Tgt Ion:117 Resp: 12323
Ion Ratio Lower Upper
117 100
82 70.8 42.4 63.6#
119 38.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020180.D
 Acq: 06 Nov 2024 14:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-6-VOC



Tgt Ion:	152	Resp:	2907
Ion Ratio	Lower	Upper	
152	100		
115	53.5	28.2	84.7
150	140.3	0.0	345.6

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