

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037469.D
 Acq On : 23 Sep 2024 10:32
 Operator : SY/MD
 Sample : P4106-04 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SX9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 03:57:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	319276	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	322447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	162521	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	269035	92.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 184.240%#			
7) Chloroethane-d5	1.532	69	222923	98.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 197.520%#			
11) 1,1-Dichloroethene-d2	2.060	65	117273	95.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 191.080%#			
21) 2-Butanone-d5	3.789	46	187670	165.932	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 165.930%#			
24) Chloroform-d	4.240	84	482223	105.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 211.000%#			
26) 1,2-Dichloroethane-d4	4.931	65	288812	100.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 200.660%#			
32) Benzene-d6	4.950	84	983658	101.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 202.000%#			
36) 1,2-Dichloropropane-d6	5.982	67	310781	101.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 203.760%#			
41) Toluene-d8	7.236	98	854535	97.220	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 194.440%#			
43) trans-1,3-Dichloroprop...	7.548	79	130755	92.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 185.300%#			
47) 2-Hexanone-d5	8.021	63	117095	140.651	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 140.650%#			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	328656	88.836	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 177.680%#			
66) 1,2-Dichlorobenzene-d4	11.551	152	335937m	103.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 206.420%#			
Target Compounds						
31) Carbon tetrachloride	4.725	117	4327	1.382	ug/L	94
33) Benzene	5.002	78	761957	81.882	ug/L	100
51) Chlorobenzene	8.805	112	4609660	718.652	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	209604	43.083	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	1814151	364.327	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	2238188	467.873	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	290971	91.280	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	59206	18.847	ug/L	97

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

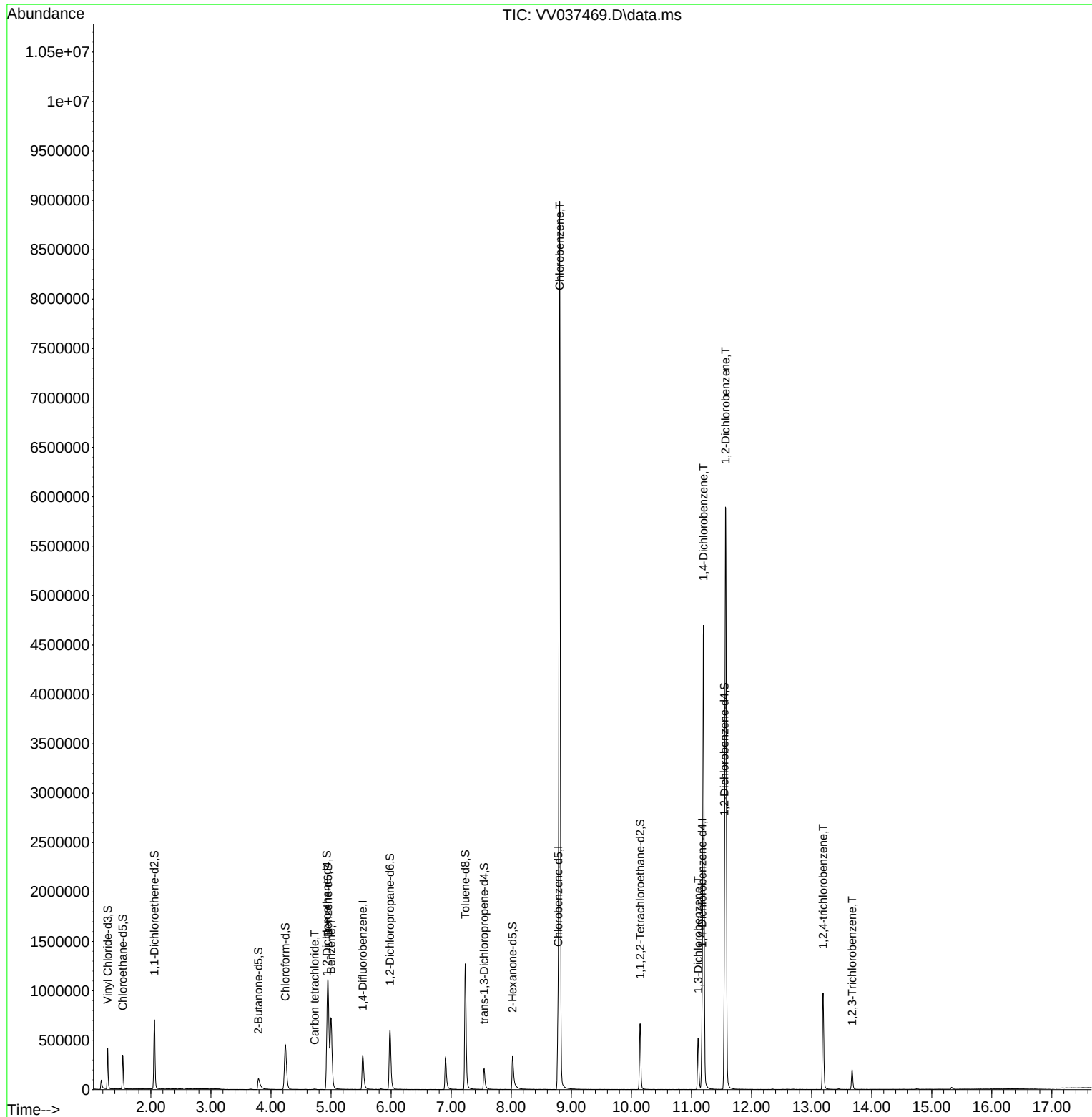
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037469.D
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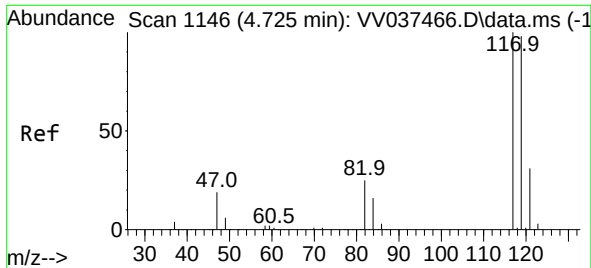
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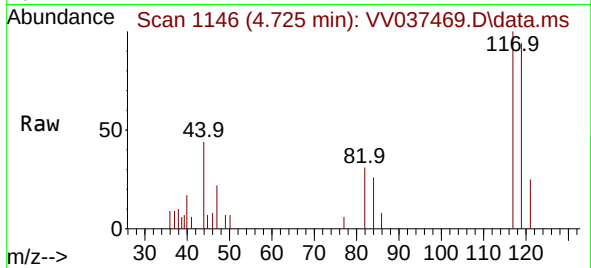
Quant Time: Sep 24 03:57:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:56:17 2024
Response via : Initial Calibration





#31
Carbon tetrachloride
Concen: 1.382 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037469.D
Acq: 23 Sep 2024 10:32

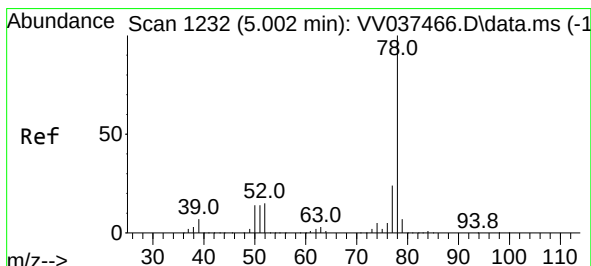
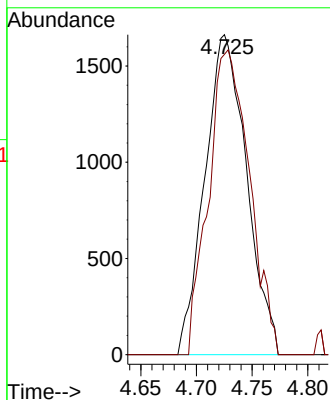
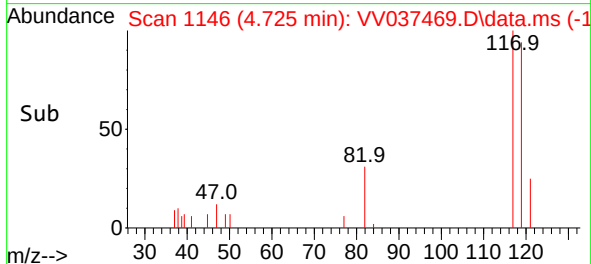
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ClientSampleId :
C0SX9



Tgt Ion:117 Resp: 432
Ion Ratio Lower Upper
117 100
119 88.9 75.8 113.6

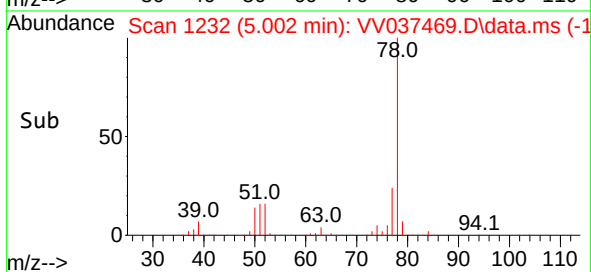
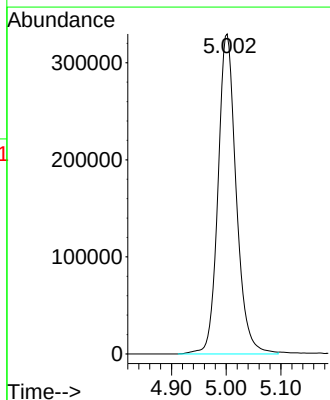
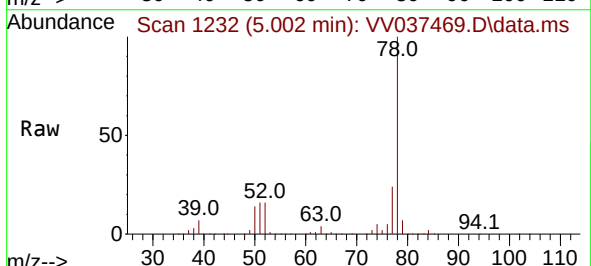
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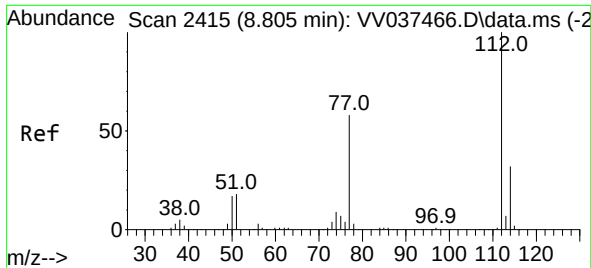
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#33
Benzene
Concen: 81.882 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037469.D
Acq: 23 Sep 2024 10:32

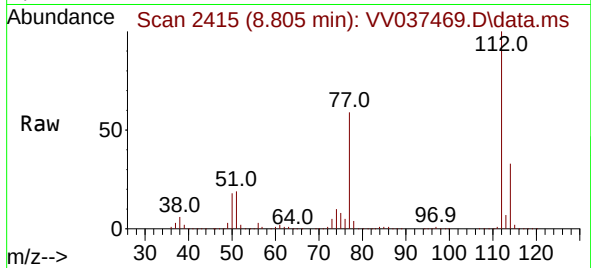
Tgt Ion: 78 Resp: 761957





#51
Chlorobenzene
Concen: 718.652 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037469.D
Acq: 23 Sep 2024 10:32

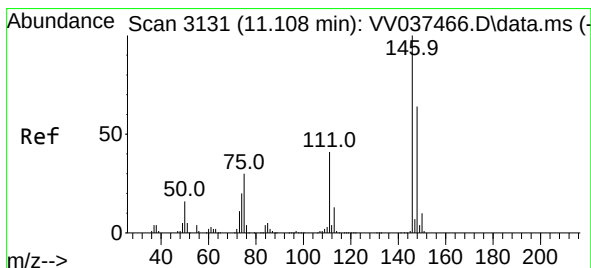
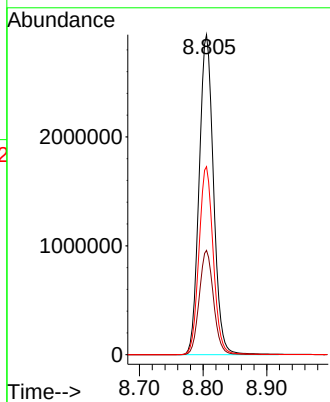
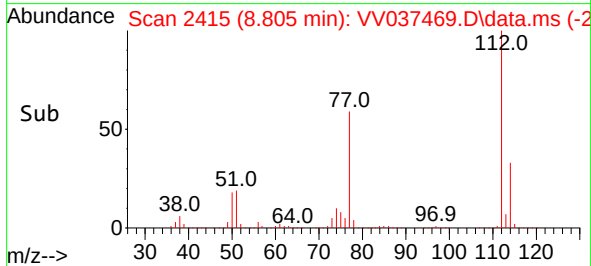
Instrument :
MSVOA_V
ClientSampleId :
C0SX9



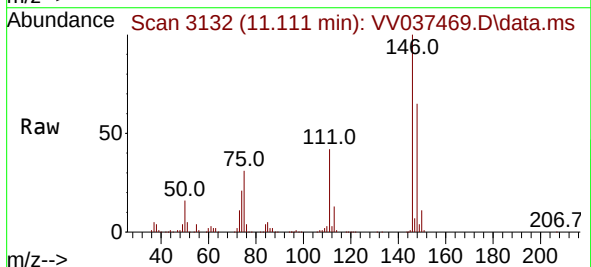
Tgt Ion:112 Resp: 4609660
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 58.8 47.8 71.8

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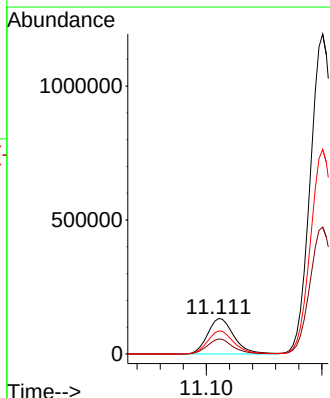
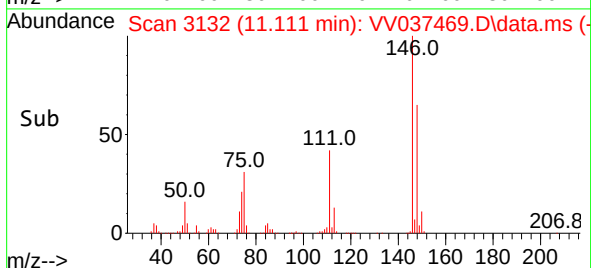
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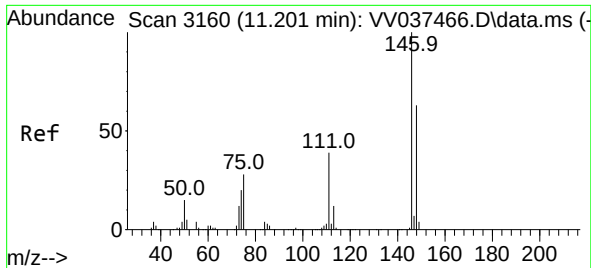


#64
1,3-Dichlorobenzene
Concen: 43.083 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV037469.D
Acq: 23 Sep 2024 10:32



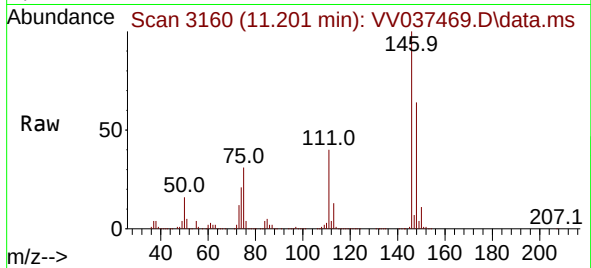
Tgt Ion:146 Resp: 209604
Ion Ratio Lower Upper
146 100
111 42.3 29.7 55.1
148 65.0 44.8 83.2





#65
1,4-Dichlorobenzene
Concen: 364.327 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037469.D
Acq: 23 Sep 2024 10:32

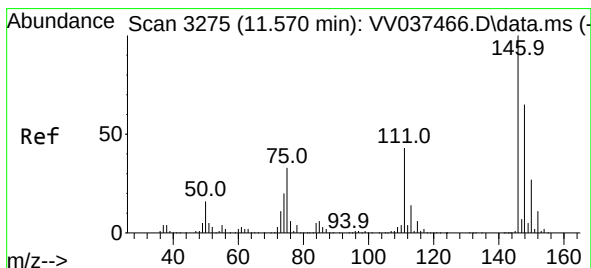
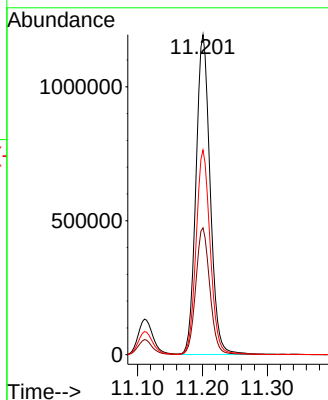
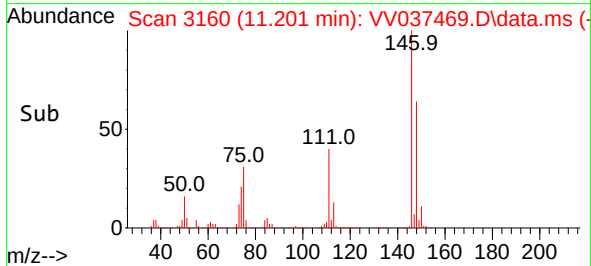
Instrument :
MSVOA_V
ClientSampleId :
C0SX9



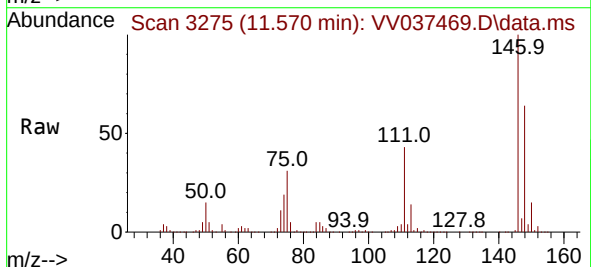
Tgt Ion:146 Resp: 181415
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 63.9 44.2 82.0

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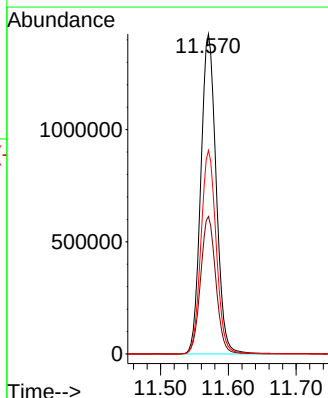
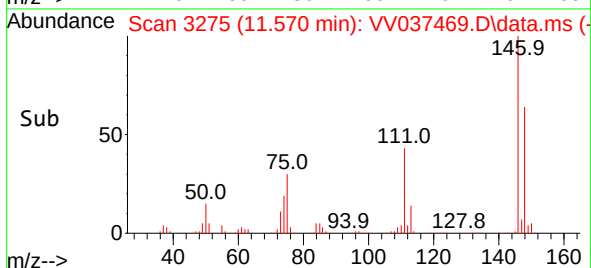
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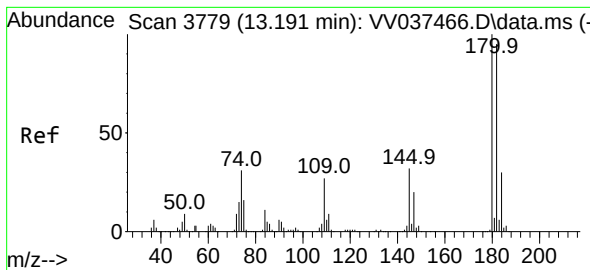


#67
1,2-Dichlorobenzene
Concen: 467.873 ug/L
RT: 11.570 min Scan# 3275
Delta R.T. -0.000 min
Lab File: VV037469.D
Acq: 23 Sep 2024 10:32



Tgt Ion:146 Resp: 2238188
Ion Ratio Lower Upper
146 100
111 43.0 34.6 51.8
148 63.6 50.2 75.4





#70

1,2,4-trichlorobenzene

Concen: 91.280 ug/L

RT: 13.191 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037469.D

Acq: 23 Sep 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

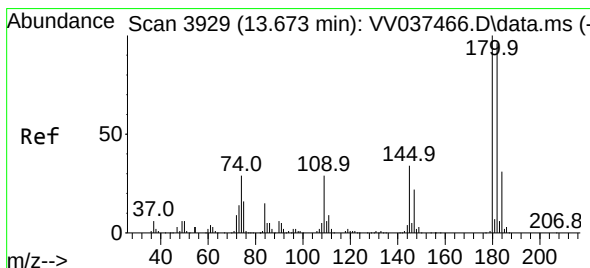
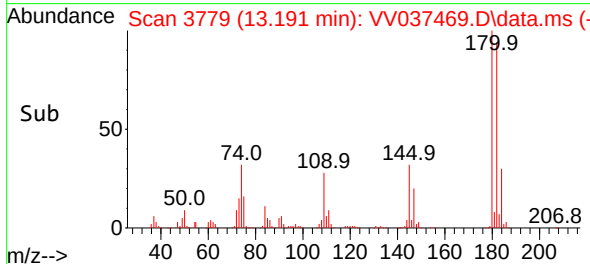
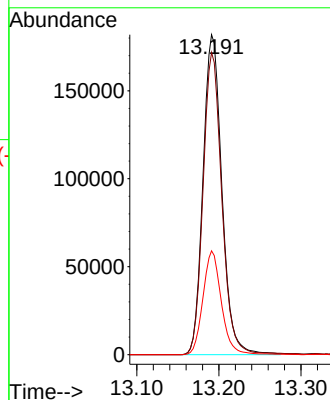
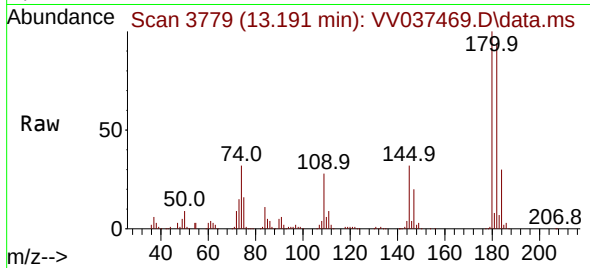
C0SX9

Tgt Ion:180	Resp:	29097
Ion Ratio	Lower	Upper
180	100	
182	93.5	75.7 113.5
145	31.7	26.0 39.0

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#72

1,2,3-Trichlorobenzene

Concen: 18.847 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037469.D

Acq: 23 Sep 2024 10:32

Tgt Ion:180	Resp:	59206
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.1 112.7
145	33.6	27.0 40.4

