

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037470.D
 Acq On : 23 Sep 2024 10:54
 Operator : SY/MD
 Sample : P4106-05
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 03:57:27 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)

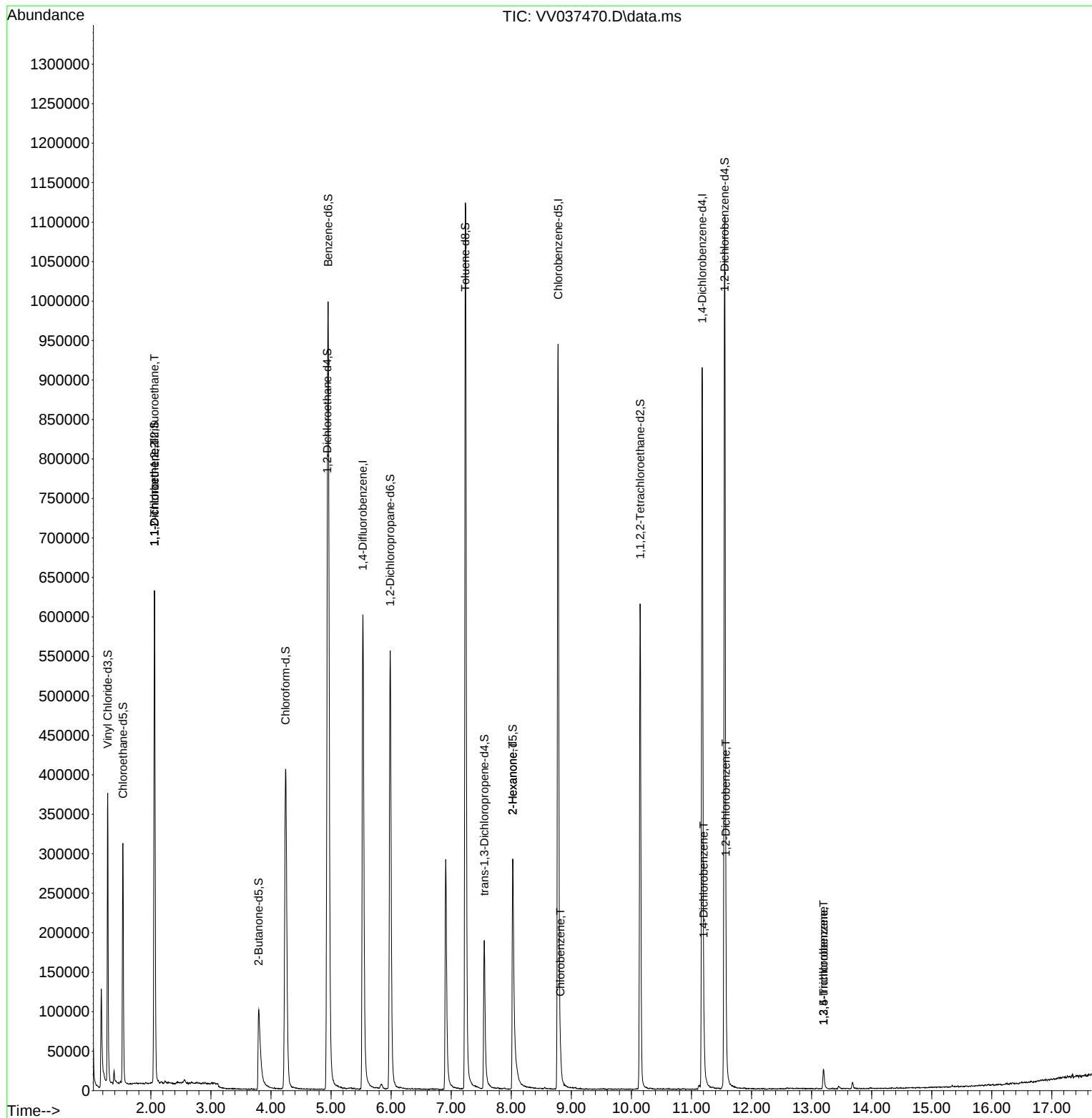
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	541927	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	528847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	239100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	245286	49.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.960%			
7) Chloroethane-d5	1.536	69	203781	53.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.380%			
11) 1,1-Dichloroethene-d2	2.060	65	105820	50.788	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.580%			
21) 2-Butanone-d5	3.796	46	174557	90.928	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.930%			
24) Chloroform-d	4.243	84	443338	57.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.280%			
26) 1,2-Dichloroethane-d4	4.937	65	264454	54.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.260%			
32) Benzene-d6	4.953	84	895901	56.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.180%			
36) 1,2-Dichloropropane-d6	5.986	67	283357	56.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.280%			
41) Toluene-d8	7.236	98	763840	52.986	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.980%			
43) trans-1,3-Dichloroprop...	7.551	79	117006	50.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.100%			
47) 2-Hexanone-d5	8.024	63	101845	74.589	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 74.590%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308274	50.806	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.620%			
66) 1,2-Dichlorobenzene-d4	11.554	152	280665	58.610	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.220%			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3400	0.906	ug/L #	23
12) 1,1-Dichloroethene	2.060	96	3001	0.849	ug/L #	1
48) 2-Hexanone	8.024	43	12536	3.897	ug/L #	87
51) Chlorobenzene	8.818	112	22369	2.126	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	17651	2.409	ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	21214	3.014	ug/L	92
69) 1,3,5-Trichlorobenzene	13.201	180	8249	1.656	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	8249	1.759	ug/L	96

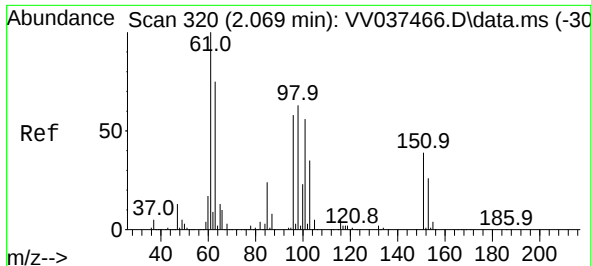
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 24 03:56:17 2024
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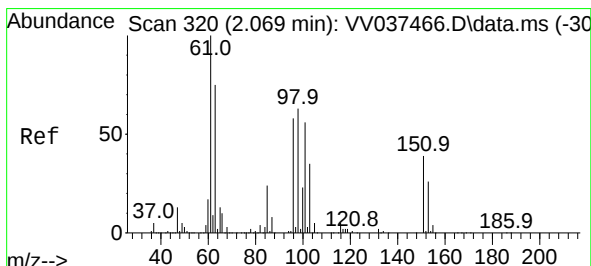
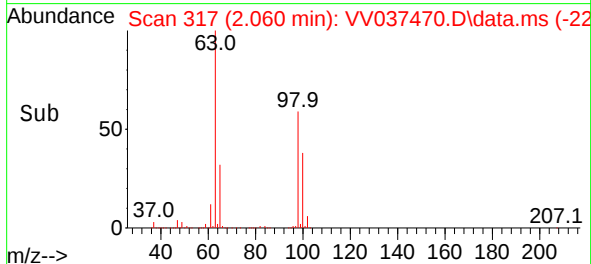
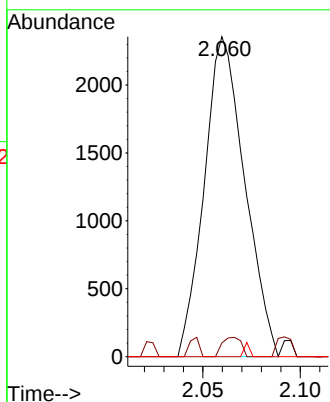
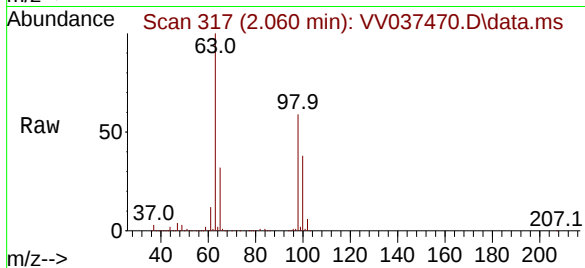




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.906 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV037470.D
 Acq: 23 Sep 2024 10:54

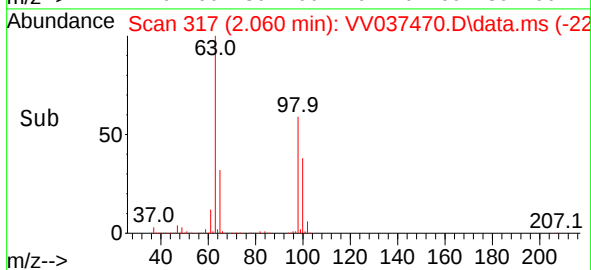
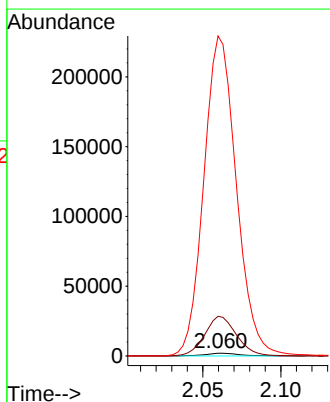
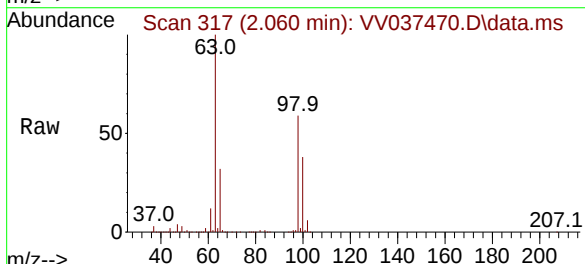
Instrument :
 MSVOA_V
 ClientSampleId :

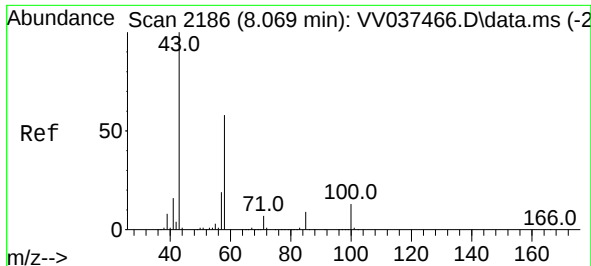
Tgt Ion: 101 Resp: 3400
 Ion Ratio Lower Upper
 101 100
 85 2.8 35.6 53.4#
 151 0.0 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 0.849 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV037470.D
 Acq: 23 Sep 2024 10:54

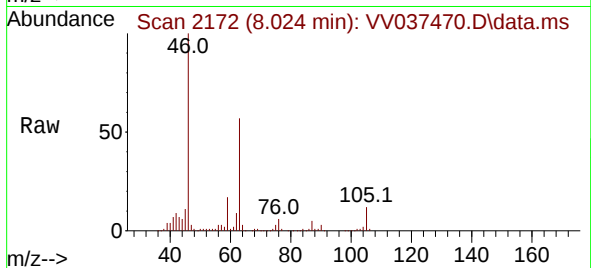
Tgt Ion: 96 Resp: 3001
 Ion Ratio Lower Upper
 96 100
 61 1470.3 123.8 229.8#
 63 11875.3 96.5 179.1#



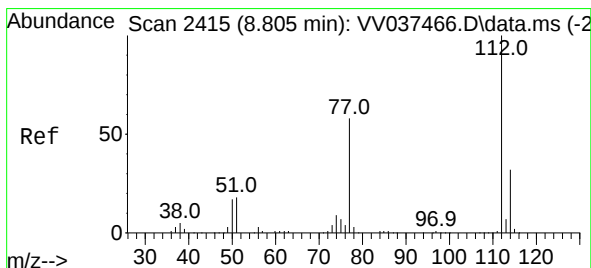
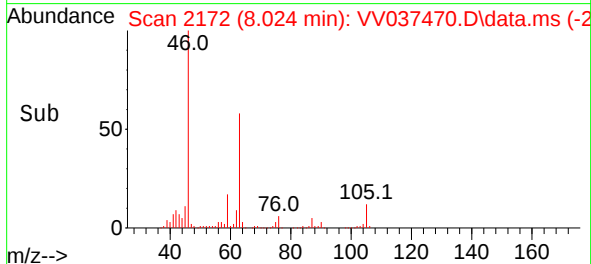
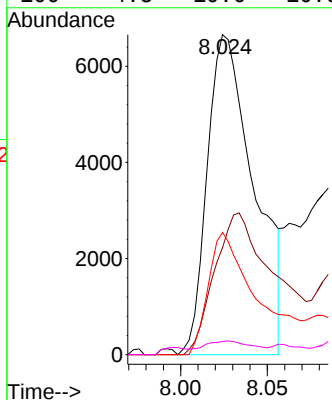


#48
2-Hexanone
Concen: 3.897 ug/L
RT: 8.024 min Scan# 2186
Delta R.T. -0.045 min
Lab File: VV037470.D
Acq: 23 Sep 2024 10:54

Instrument :
MSVOA_V
ClientSampleId :

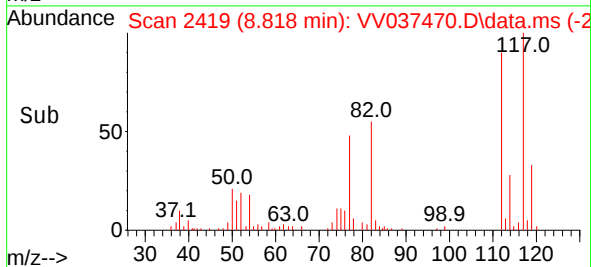
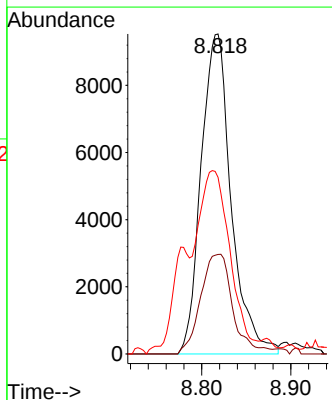
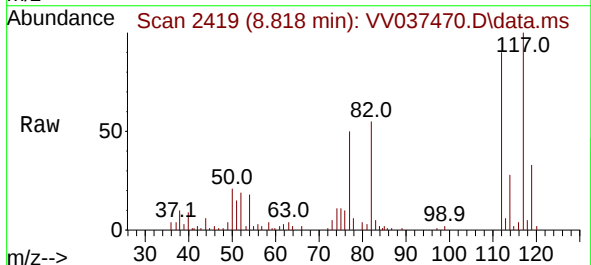


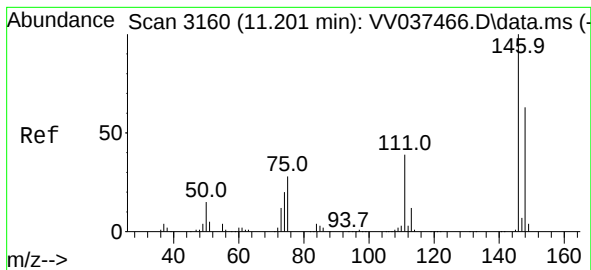
Tgt	Ion: 43	Resp:	12536
Ion	Ratio	Lower	Upper
43	100		
58	57.0	46.0	69.0
57	39.8	15.6	23.4#
100	4.3	10.6	16.0#



#51
Chlorobenzene
Concen: 2.126 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.013 min
Lab File: VV037470.D
Acq: 23 Sep 2024 10:54

Tgt	Ion:112	Resp:	22369
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.5
77	55.2	47.8	71.8





#65

1,4-Dichlorobenzene

Concen: 2.409 ug/L

RT: 11.204 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV037470.D

Acq: 23 Sep 2024 10:54

Instrument :

MSVOA_V

ClientSampleId :

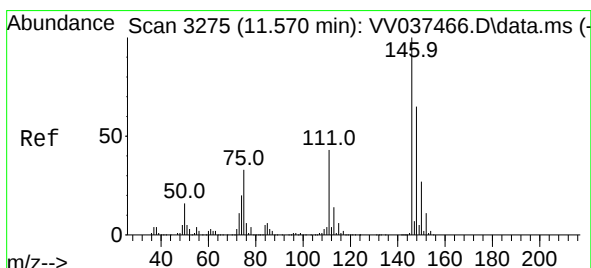
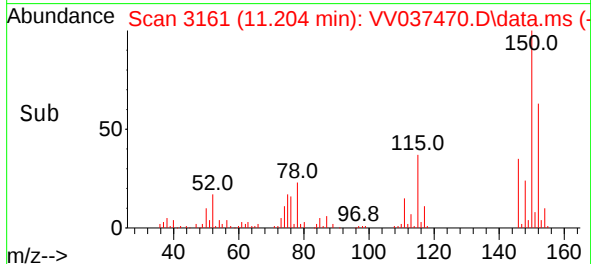
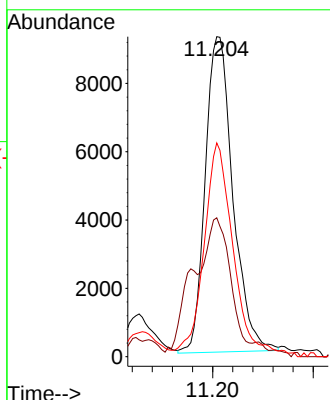
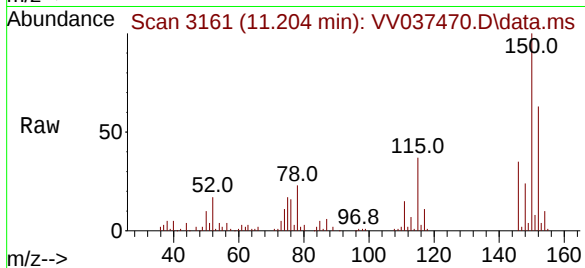
Tgt Ion:146 Resp: 17651

Ion Ratio Lower Upper

146 100

111 43.4 28.1 52.1

148 66.8 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 3.014 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV037470.D

Acq: 23 Sep 2024 10:54

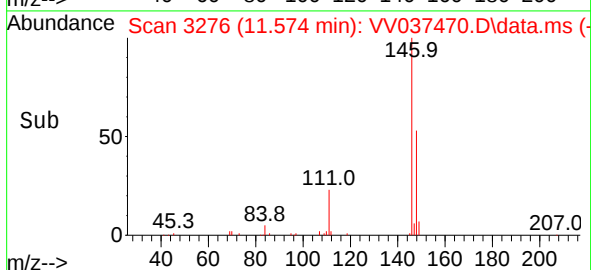
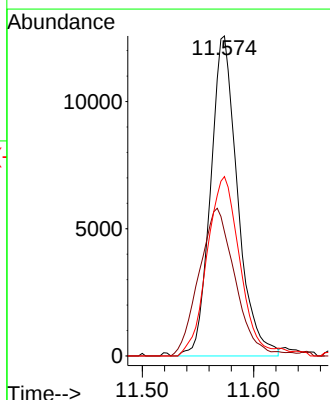
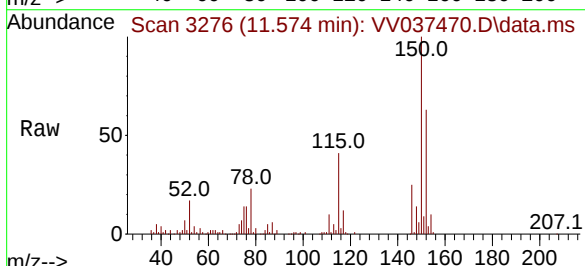
Tgt Ion:146 Resp: 21214

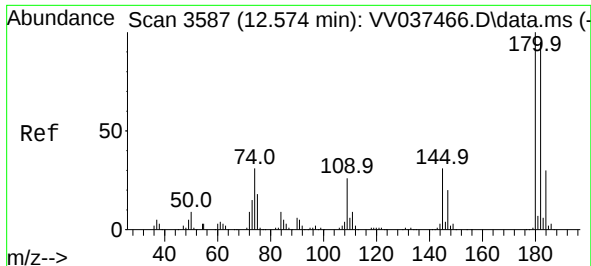
Ion Ratio Lower Upper

146 100

111 38.8 34.6 51.8

148 56.1 50.2 75.4





#69

1,3,5-Trichlorobenzene

Concen: 1.656 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.627 min

Lab File: VV037470.D

Acq: 23 Sep 2024 10:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 8249

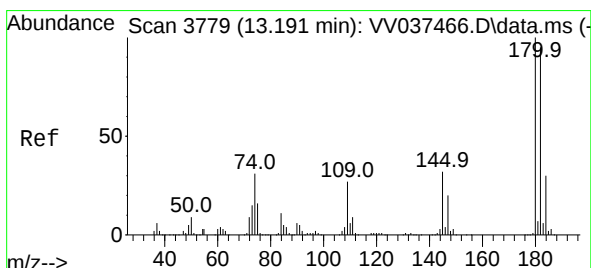
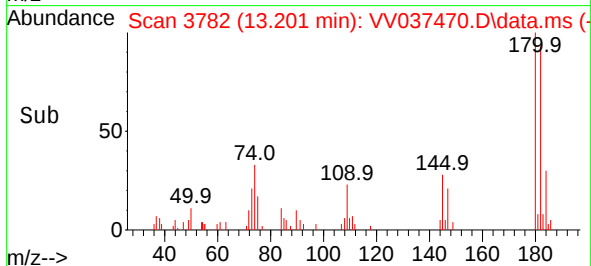
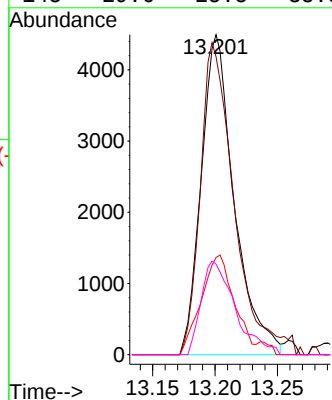
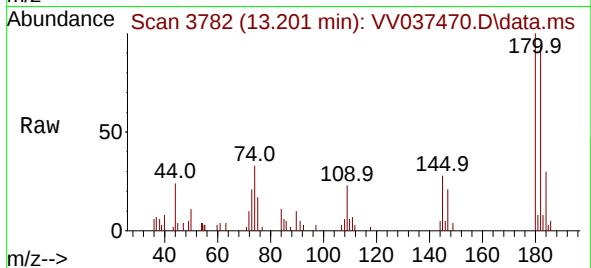
Ion Ratio Lower Upper

180 100

182 98.3 76.7 115.1

184 31.3 24.2 36.2

145 29.6 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.759 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037470.D

Acq: 23 Sep 2024 10:54

Tgt Ion:180 Resp: 8249

Ion Ratio Lower Upper

180 100

182 98.3 75.7 113.5

145 29.6 26.0 39.0

