

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035340.D
 Acq On : 22 Apr 2024 17:58
 Operator : SY/MD
 Sample : P2158-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:33:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

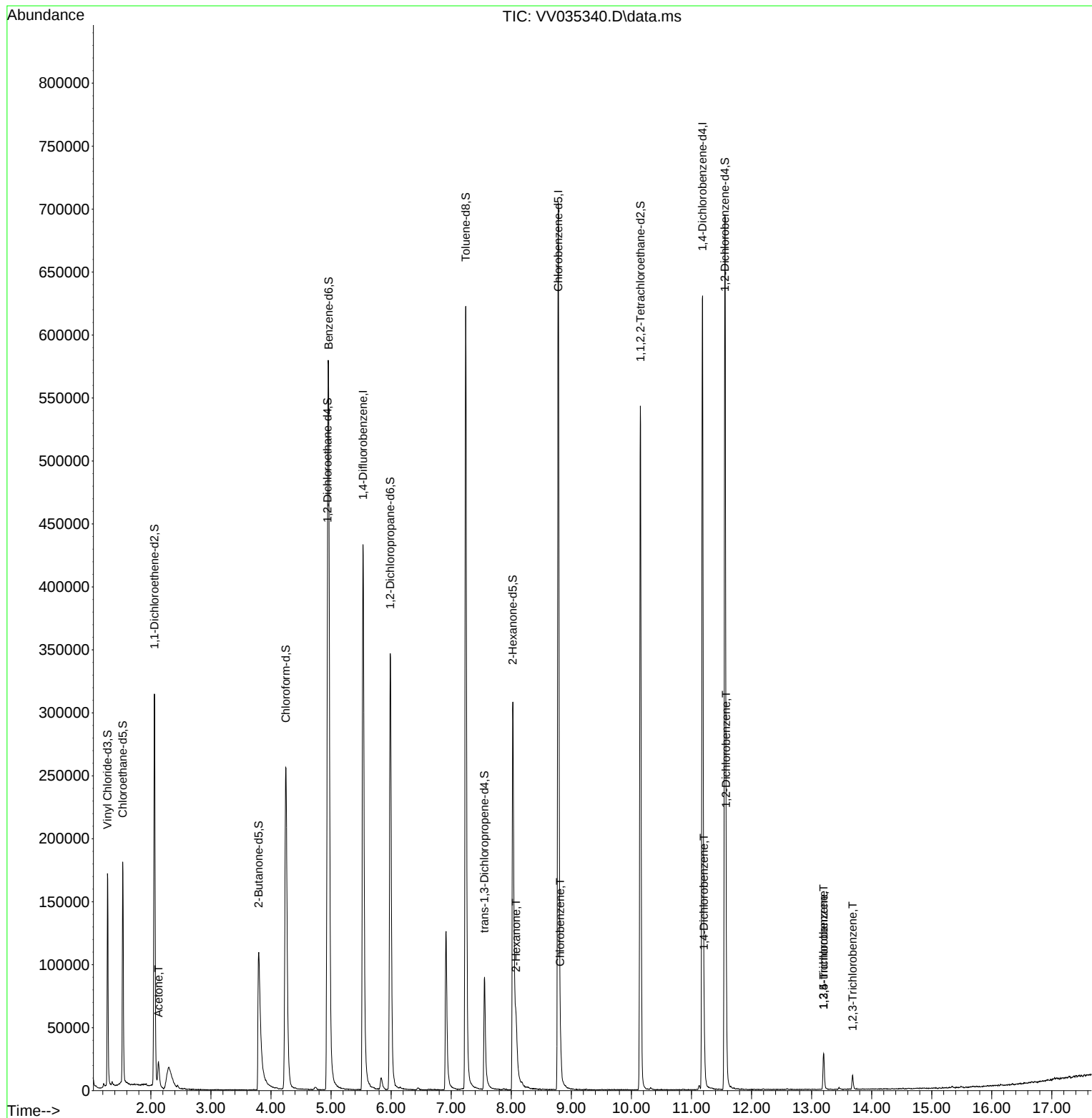
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	392957	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	391959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	168605	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113217	29.833	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.660%#		
7) Chloroethane-d5	1.532	69	111884	33.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.880%#		
11) 1,1-Dichloroethene-d2	2.060	65	53845	32.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.740%		
21) 2-Butanone-d5	3.796	46	193943	86.169	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.170%		
24) Chloroform-d	4.246	84	280810	44.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.020%		
26) 1,2-Dichloroethane-d4	4.940	65	178821	44.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.280%		
32) Benzene-d6	4.960	84	523881	39.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.580%		
36) 1,2-Dichloropropane-d6	5.985	67	178283	42.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.280%		
41) Toluene-d8	7.243	98	438084	36.947	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.900%#		
43) trans-1,3-Dichloroprop...	7.555	79	58823	28.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.880%#		
47) 2-Hexanone-d5	8.024	63	104181	65.907	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	65.910%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	267713	46.499	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.000%		
66) 1,2-Dichlorobenzene-d4	11.558	152	182715	48.266	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.540%		
Target Compounds					Qvalue	
13) Acetone	2.127	43	23144	11.200	ug/L	96
48) 2-Hexanone	8.082	43	33650	8.773	ug/L #	88
51) Chlorobenzene	8.815	112	17065	1.968	ug/L #	89
65) 1,4-Dichlorobenzene	11.210	146	13514	2.340	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	18623	3.291	ug/L	96
69) 1,3,5-Trichlorobenzene	13.201	180	10204	2.493	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	10204	2.714	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	4114	1.110	ug/L	93

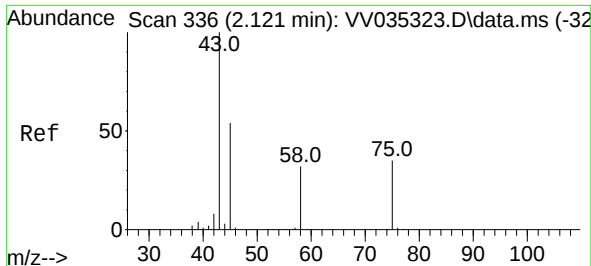
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 11.200 ug/L

RT: 2.127 min Scan# 336

Delta R.T. 0.006 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Instrument :

MSVOA_V

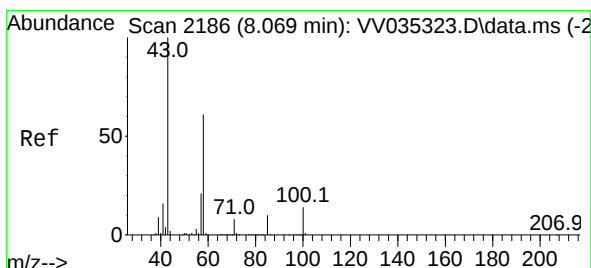
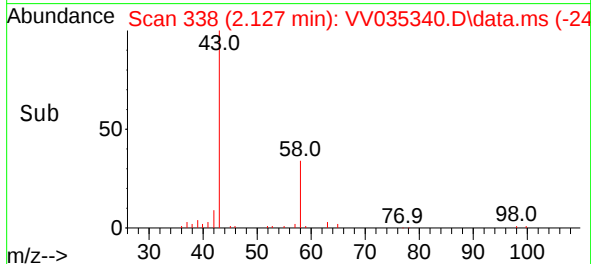
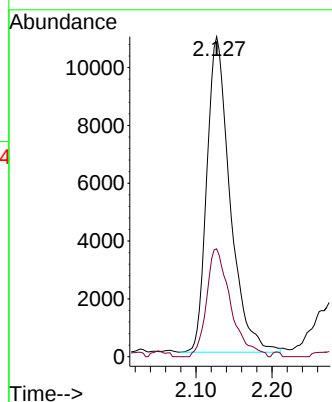
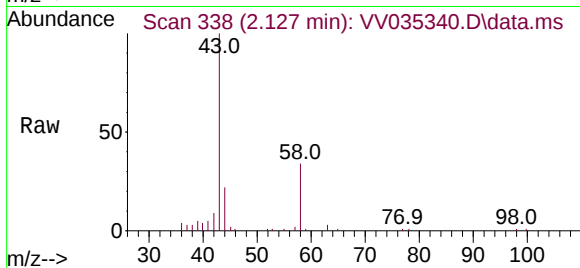
ClientSampleId :

Tgt Ion: 43 Resp: 23144

Ion Ratio Lower Upper

43 100

58 35.3 0.0 66.0



#48

2-Hexanone

Concen: 8.773 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.013 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Tgt Ion: 43 Resp: 33650

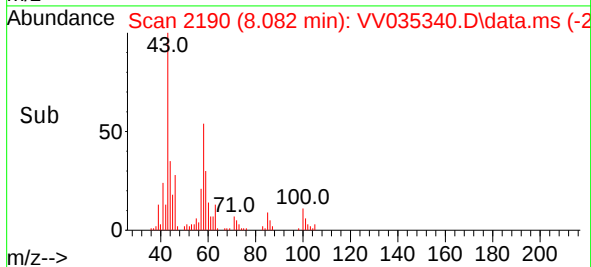
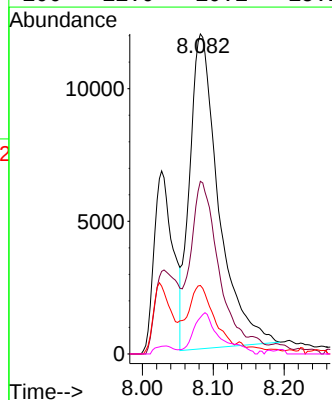
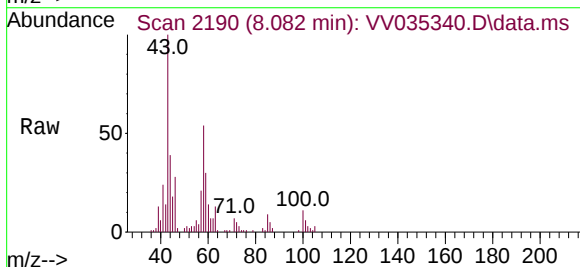
Ion Ratio Lower Upper

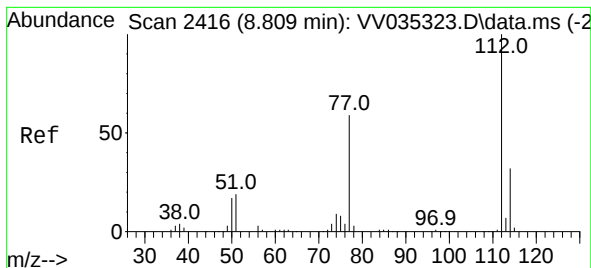
43 100

58 45.1 45.4 68.2#

57 16.8 16.2 24.4

100 11.9 10.1 15.1





#51

Chlorobenzene

Concen: 1.968 ug/L

RT: 8.815 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV035340.D

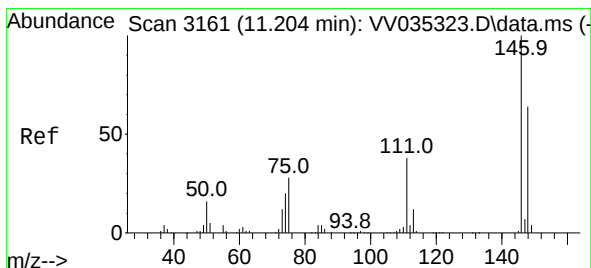
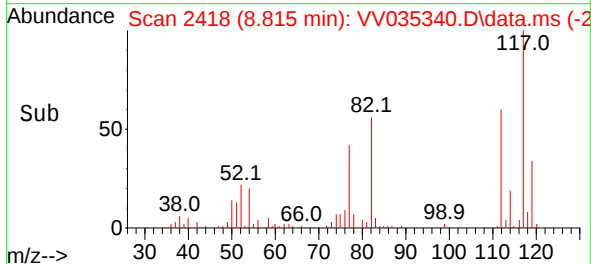
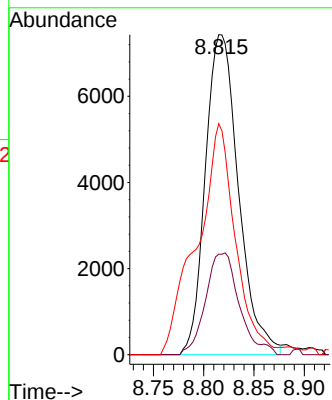
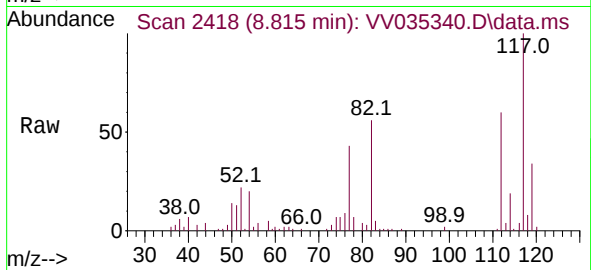
Acq: 22 Apr 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	17065
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.0 41.0
77	72.2	47.4 71.2#



#65

1,4-Dichlorobenzene

Concen: 2.340 ug/L

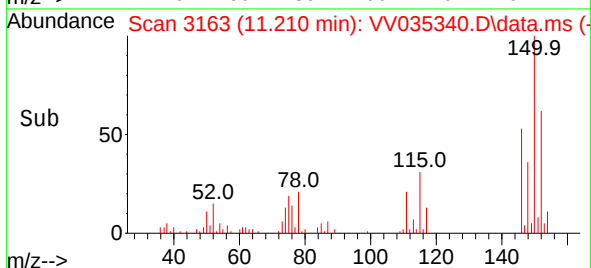
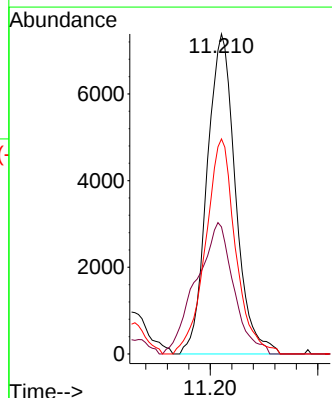
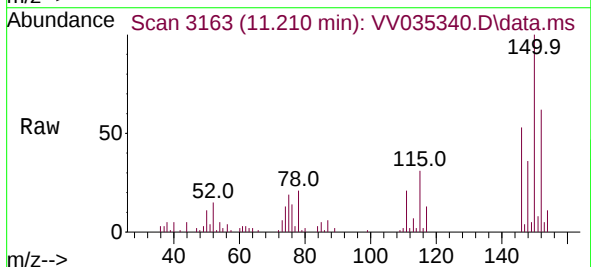
RT: 11.210 min Scan# 3163

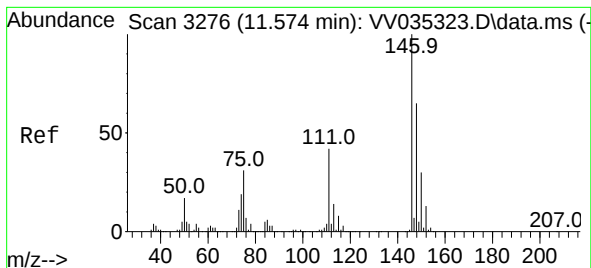
Delta R.T. 0.006 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Tgt Ion:146	Resp:	13514
Ion Ratio	Lower	Upper
146	100	
111	39.7	27.4 50.8
148	67.2	44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 3.291 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

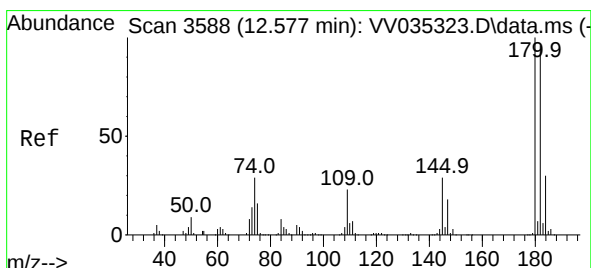
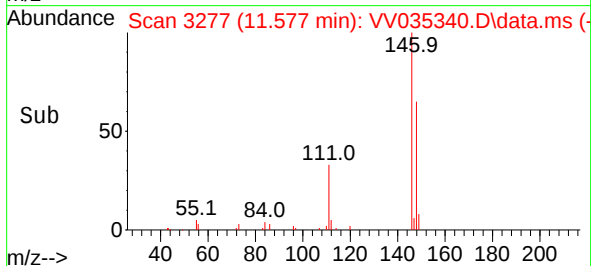
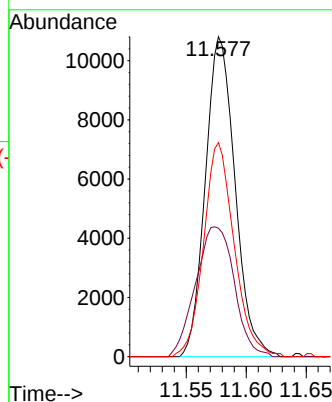
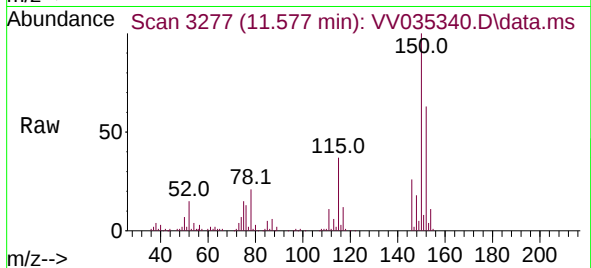
Tgt Ion:146 Resp: 18623

Ion Ratio Lower Upper

146 100

111 40.1 34.6 52.0

148 66.9 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 2.493 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Tgt Ion:180 Resp: 10204

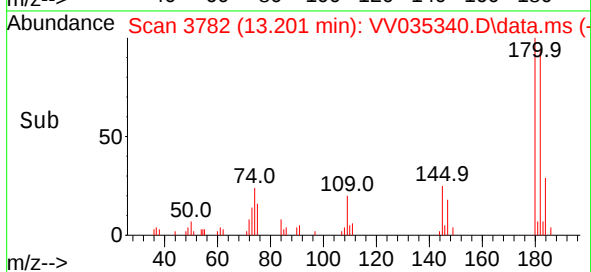
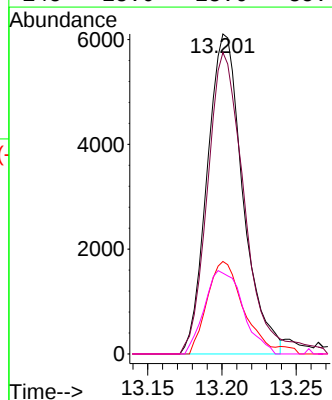
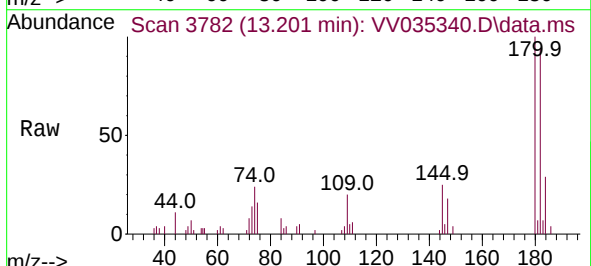
Ion Ratio Lower Upper

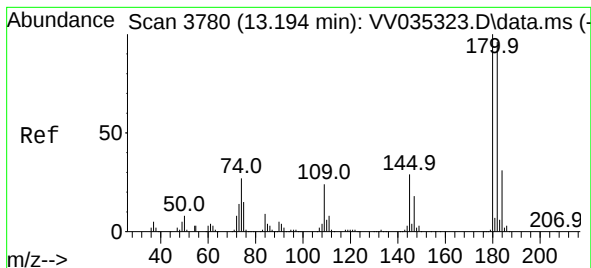
180 100

182 97.7 74.7 112.1

184 29.1 24.0 36.0

145 28.0 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 2.714 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

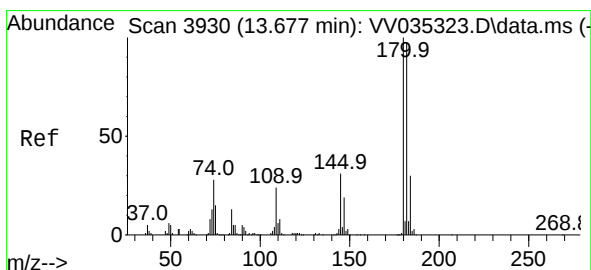
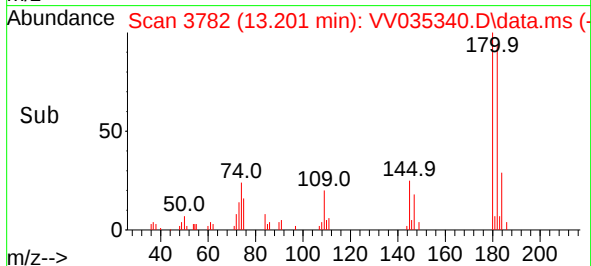
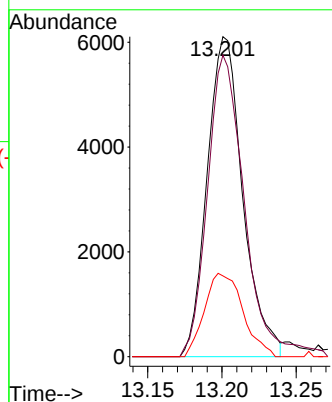
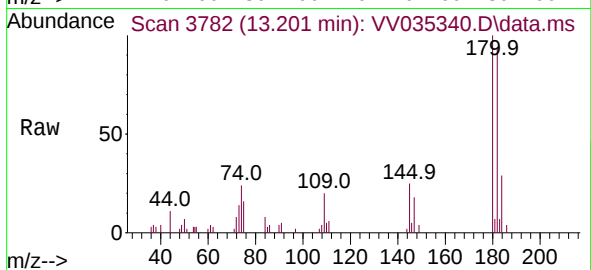
Tgt Ion:180 Resp: 10204

Ion Ratio Lower Upper

180 100

182 97.7 75.6 113.4

145 28.0 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.110 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035340.D

Acq: 22 Apr 2024 17:58

Tgt Ion:180 Resp: 4114

Ion Ratio Lower Upper

180 100

182 86.8 76.2 114.2

145 30.2 25.8 38.6

