

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042524\
 Data File : VV035410.D
 Acq On : 25 Apr 2024 17:41
 Operator : SY/MD
 Sample : P2182-06DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 01:39:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:37:05 2024
 Response via : Initial Calibration

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

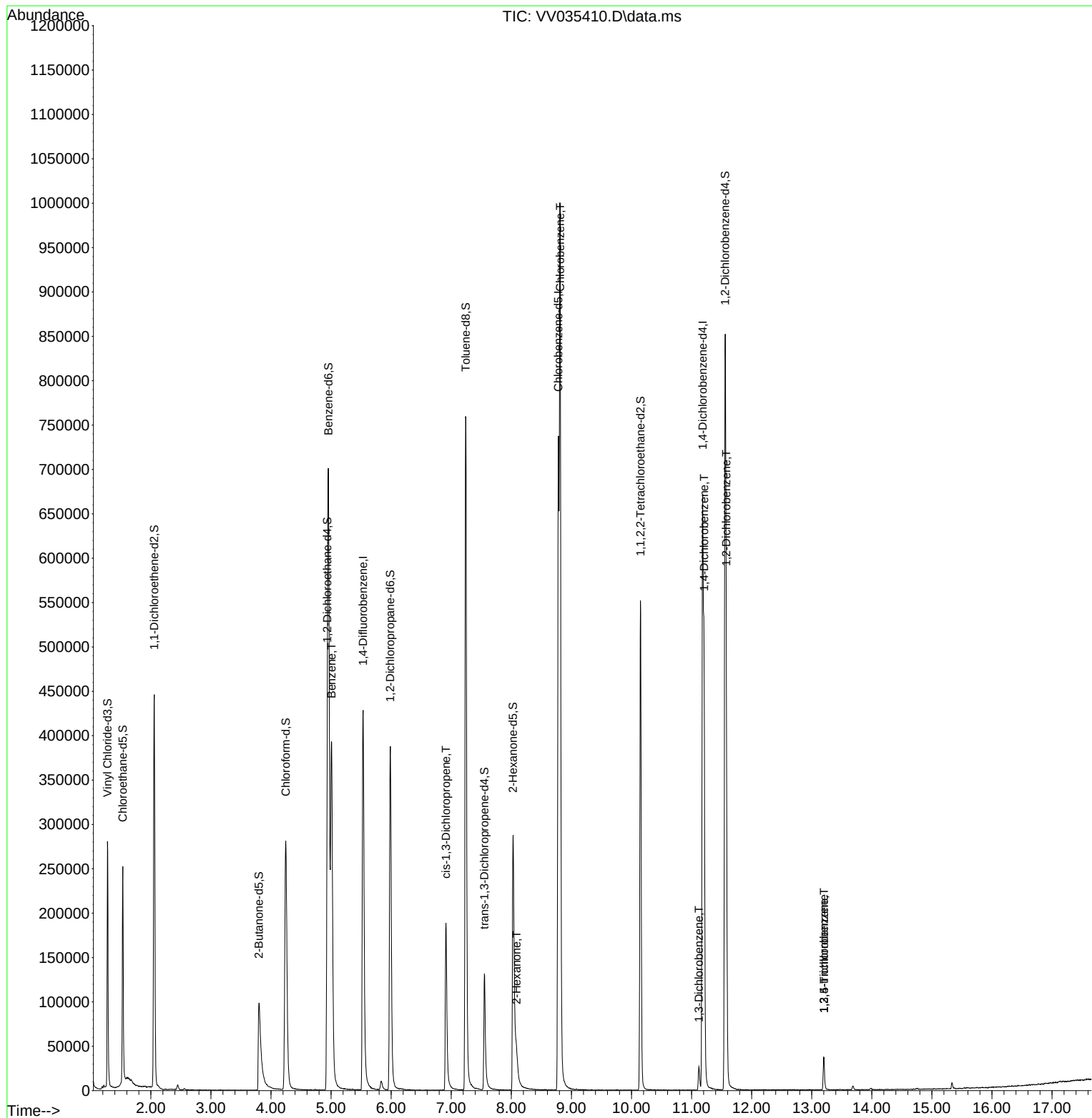
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	394704	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	383355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171134	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189420	49.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.380%		
7) Chloroethane-d5	1.532	69	150998	45.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.220%		
11) 1,1-Dichloroethene-d2	2.056	65	76855	45.995	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.000%		
21) 2-Butanone-d5	3.799	46	191137	84.546	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.550%		
24) Chloroform-d	4.246	84	314764	49.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.220%		
26) 1,2-Dichloroethane-d4	4.937	65	195060	47.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.880%		
32) Benzene-d6	4.957	84	640276	49.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.440%		
36) 1,2-Dichloropropane-d6	5.985	67	200659	49.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.140%		
41) Toluene-d8	7.239	98	541490	46.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.380%		
43) trans-1,3-Dichloroprop...	7.551	79	83230	41.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.740%		
47) 2-Hexanone-d5	8.027	63	104702	67.724	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	67.720%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	270143	47.974	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.940%		
66) 1,2-Dichlorobenzene-d4	11.558	152	204584	53.245	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.480%		
Target Compounds						Qvalue
33) Benzene	5.008	78	426349	34.106	ug/L	100
39) cis-1,3-Dichloropropene	6.911	75	4946	0.909	ug/L #	42
48) 2-Hexanone	8.088	43	18632	4.967	ug/L #	92
51) Chlorobenzene	8.812	112	549132	64.739	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	12200	2.116	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	197310	33.653	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	166806	29.043	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	12781	3.076	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	12781	3.349	ug/L	97

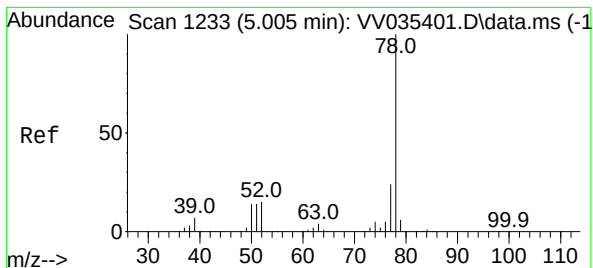
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 26 01:37:05 2024
Response via : Initial Calibration





#33

Benzene

Concen: 34.106 ug/L

RT: 5.008 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035410.D

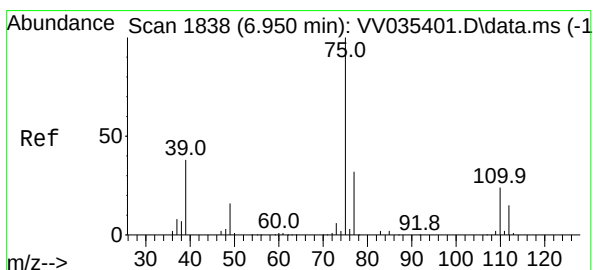
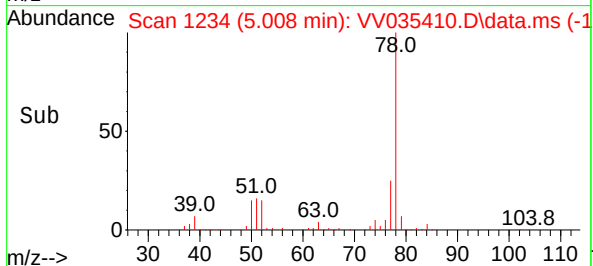
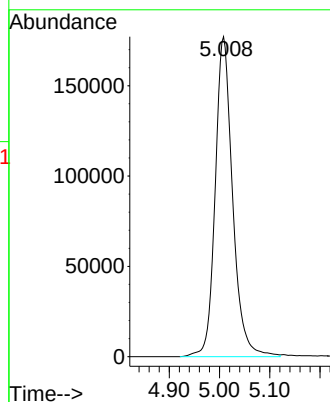
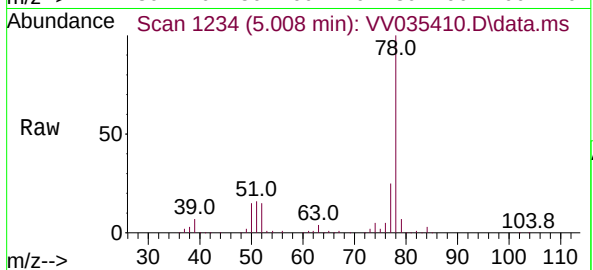
Acq: 25 Apr 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 426349



#39

cis-1,3-Dichloropropene

Concen: 0.909 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV035410.D

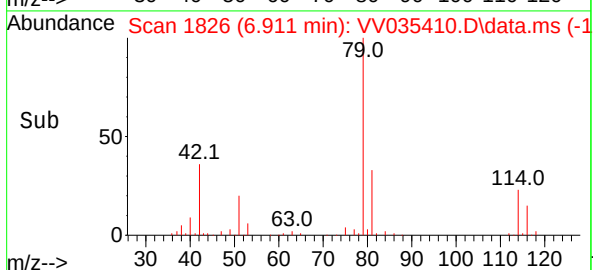
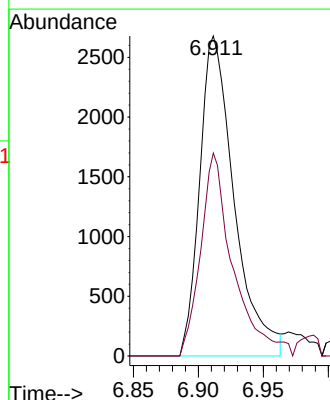
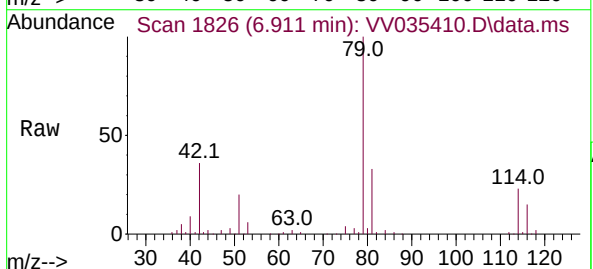
Acq: 25 Apr 2024 17:41

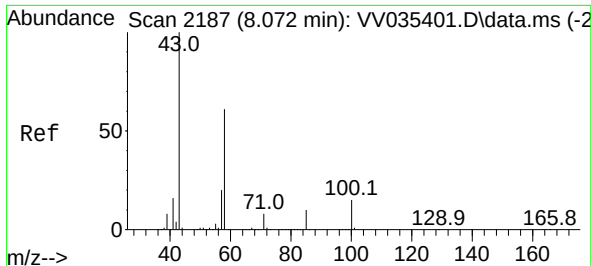
Tgt Ion: 75 Resp: 4946

Ion Ratio Lower Upper

75 100

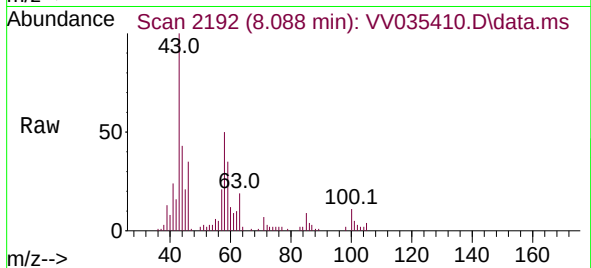
77 63.4 21.9 40.7#



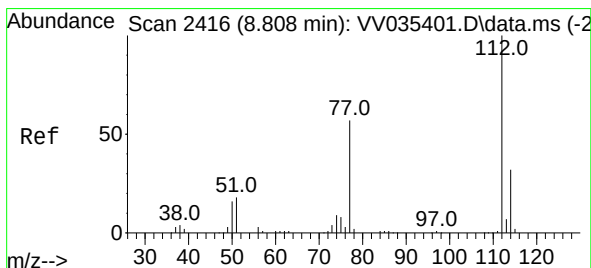
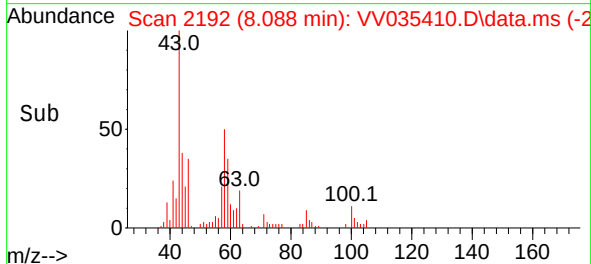
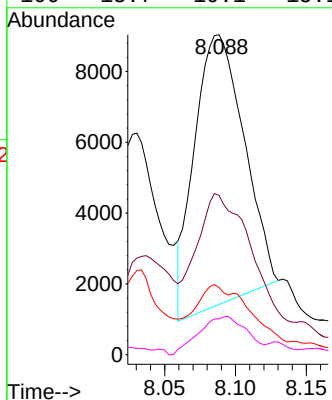


#48
2-Hexanone
Concen: 4.967 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV035410.D
Acq: 25 Apr 2024 17:41

Instrument :
MSVOA_V
ClientSampleId :

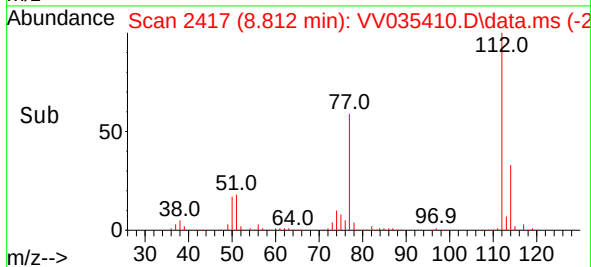
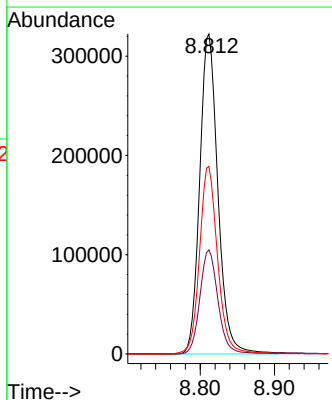
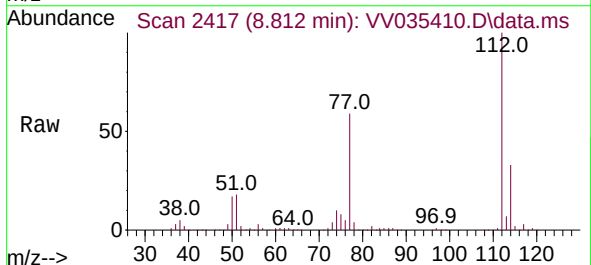


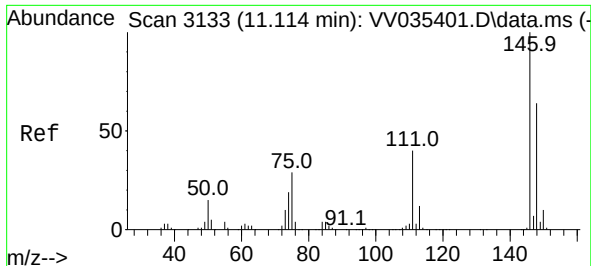
Tgt Ion: 43 Resp: 18632
Ion Ratio Lower Upper
43 100
58 56.2 45.4 68.2
57 5.5 16.2 24.4#
100 13.7 10.1 15.1



#51
Chlorobenzene
Concen: 64.739 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035410.D
Acq: 25 Apr 2024 17:41

Tgt Ion: 112 Resp: 549132
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 58.6 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 2.116 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV035410.D

Acq: 25 Apr 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

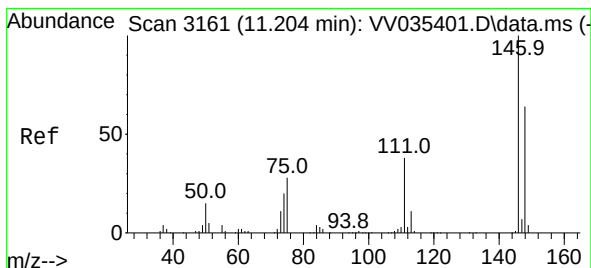
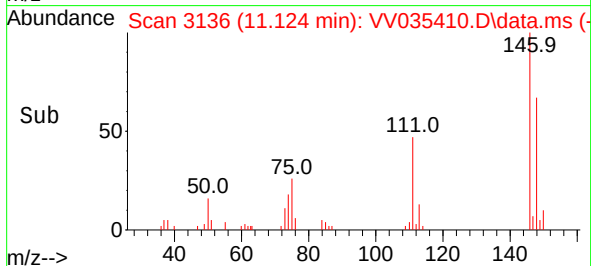
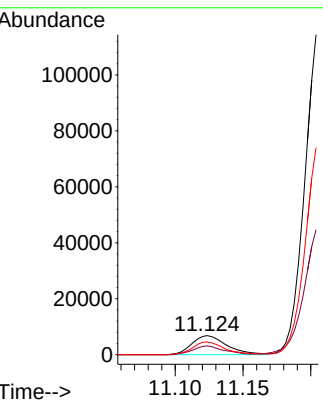
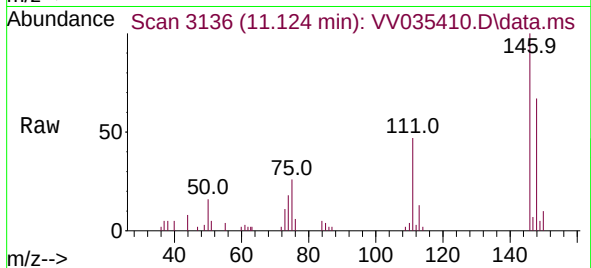
Tgt Ion:146 Resp: 12200

Ion Ratio Lower Upper

146 100

111 46.6 28.7 53.3

148 66.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 33.653 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035410.D

Acq: 25 Apr 2024 17:41

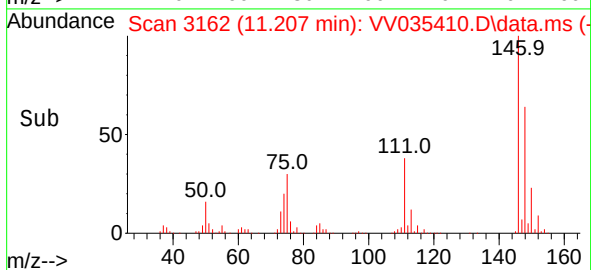
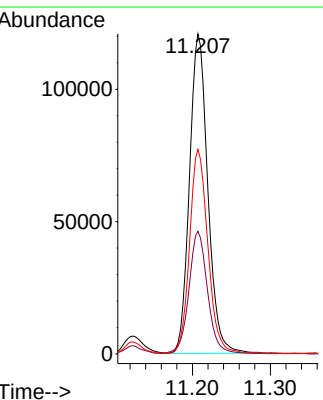
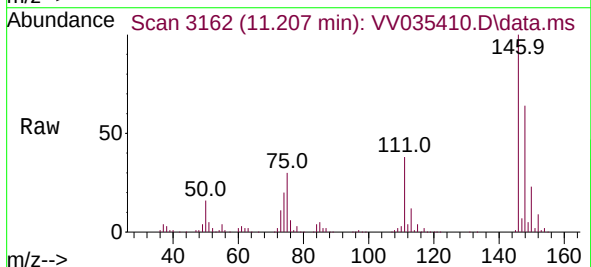
Tgt Ion:146 Resp: 197310

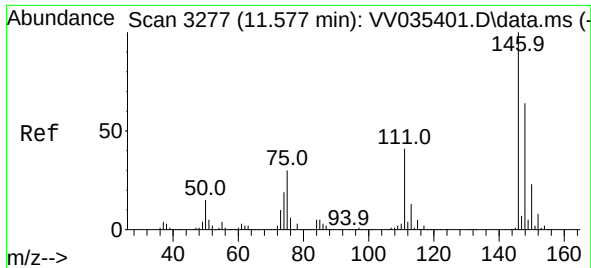
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 63.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 29.043 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035410.D

Acq: 25 Apr 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

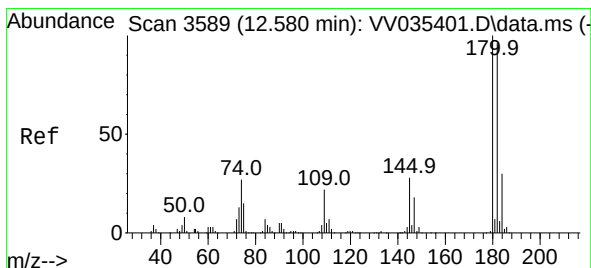
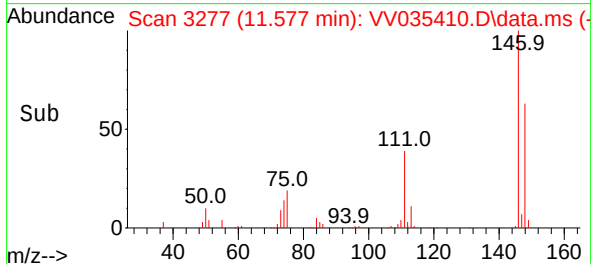
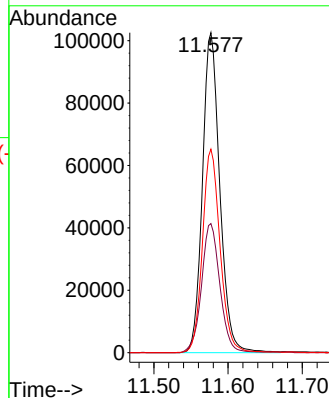
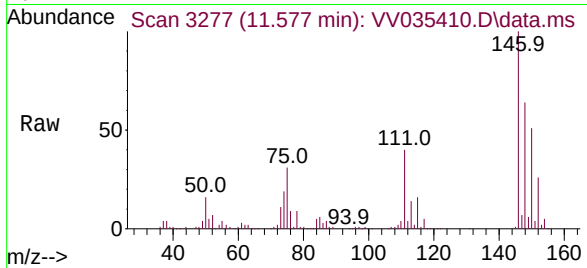
Tgt Ion:146 Resp: 166806

Ion Ratio Lower Upper

146 100

111 40.4 34.6 52.0

148 63.6 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 3.076 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

Lab File: VV035410.D

Acq: 25 Apr 2024 17:41

Tgt Ion:180 Resp: 12781

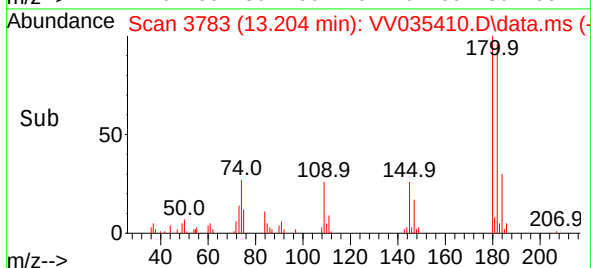
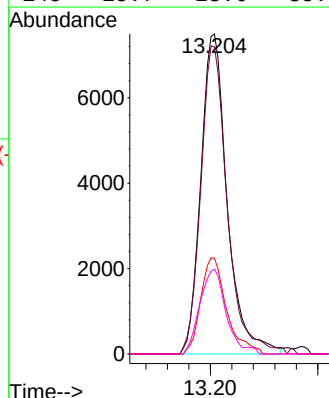
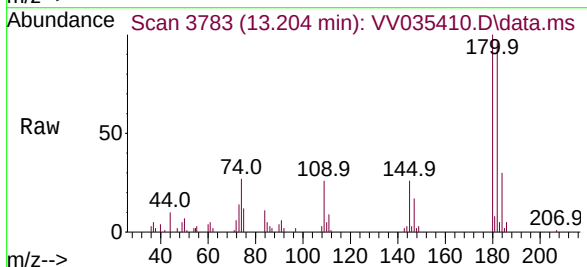
Ion Ratio Lower Upper

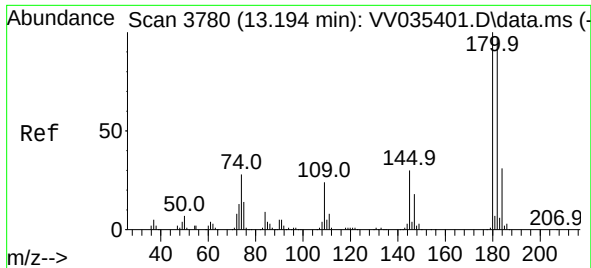
180 100

182 95.8 74.7 112.1

184 29.4 24.0 36.0

145 25.7 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 3.349 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

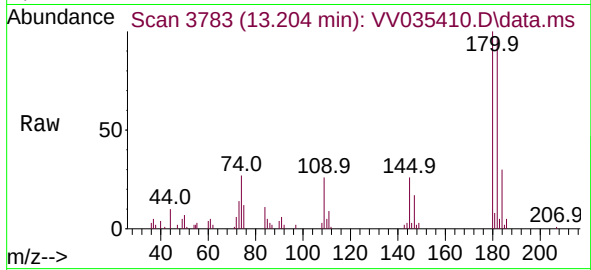
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Acq: 25 Apr 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 12781

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 25.7 24.1 36.1

