

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035425.D
 Acq On : 26 Apr 2024 14:28
 Operator : SY/MD
 Sample : P2269-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:34:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

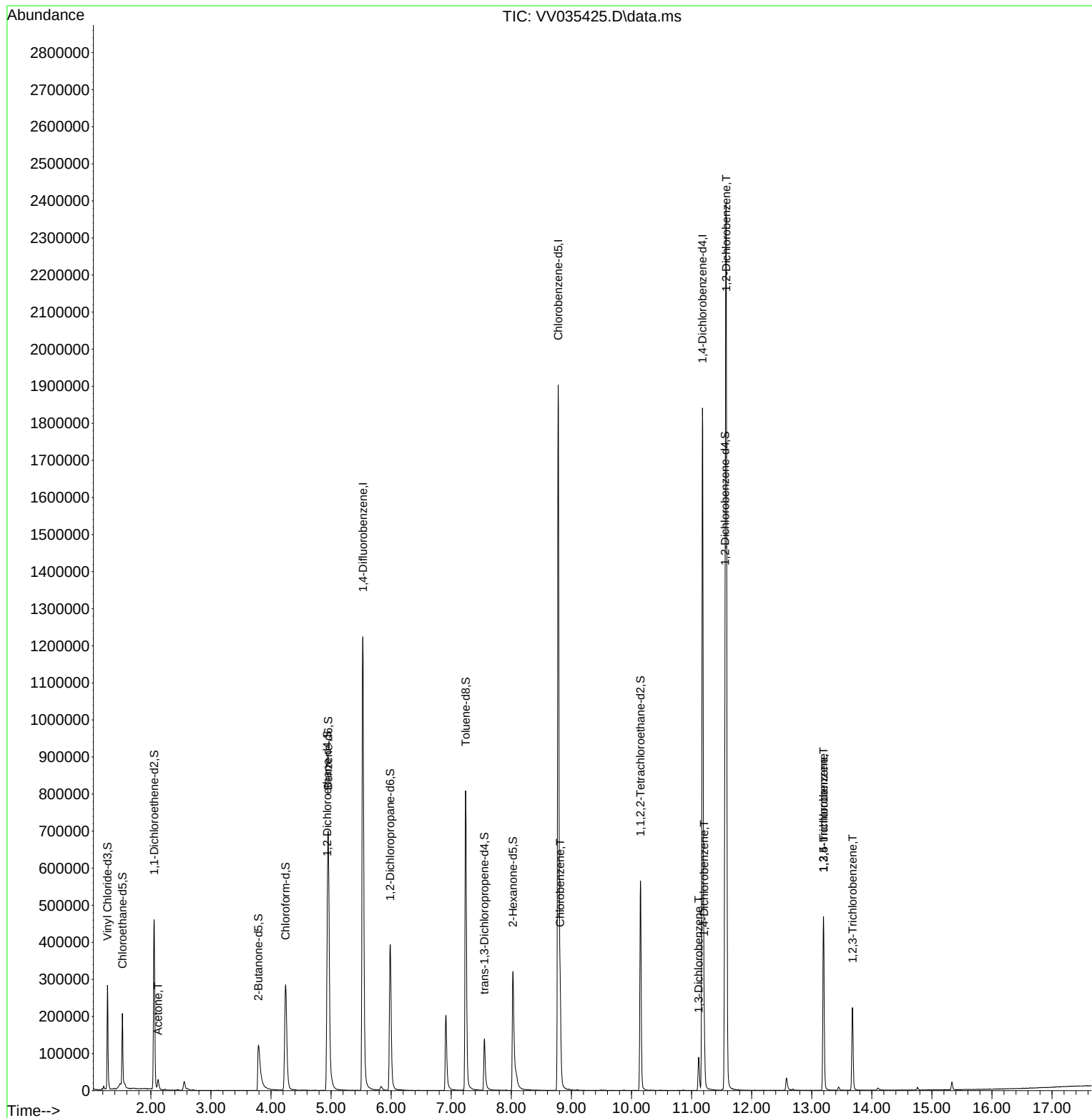
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	1093756	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	1038374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	480304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189350	21.542	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	43.080%#		
7) Chloroethane-d5	1.526	69	112600	22.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.720%#		
11) 1,1-Dichloroethene-d2	2.053	65	77026	21.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	42.880%#		
21) 2-Butanone-d5	3.789	46	202792	45.015	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	45.010%		
24) Chloroform-d	4.243	84	320995	21.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	43.400%#		
26) 1,2-Dichloroethane-d4	4.937	65	196952	22.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	45.720%#		
32) Benzene-d6	4.953	84	654991	24.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	48.000%#		
36) 1,2-Dichloropropane-d6	5.986	67	205348	24.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	48.780%#		
41) Toluene-d8	7.239	98	564401	22.948	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	45.900%#		
43) trans-1,3-Dichloroprop...	7.551	79	87497	22.216	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	44.440%#		
47) 2-Hexanone-d5	8.027	63	117155	48.269	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	48.270%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	276748	23.063	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	46.120%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	224034	26.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	53.320%#		
Target Compounds						Qvalue
13) Acetone	2.121	43	27612	5.158	ug/L	96
51) Chlorobenzene	8.812	112	160751	7.829	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	39097	2.739	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	73660	4.920	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	895795	61.938	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	149955	14.827	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	149955	18.677	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	71238	9.106	ug/L	99

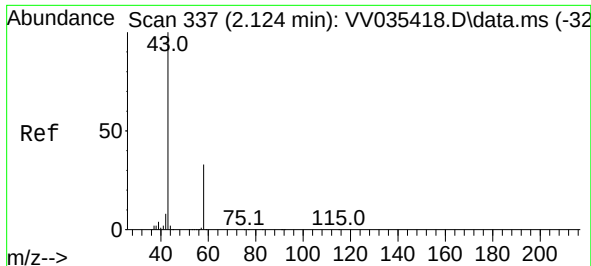
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:18:54 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.158 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Instrument :

MSVOA_V

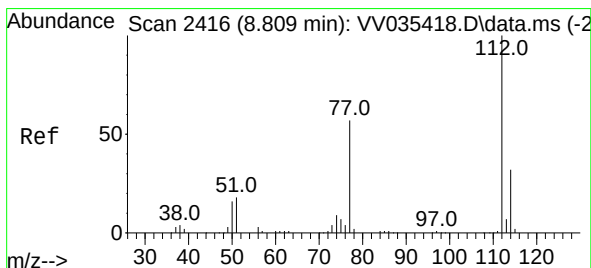
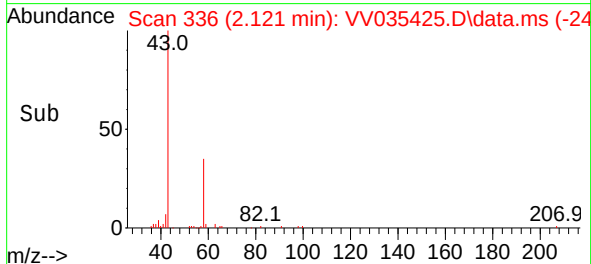
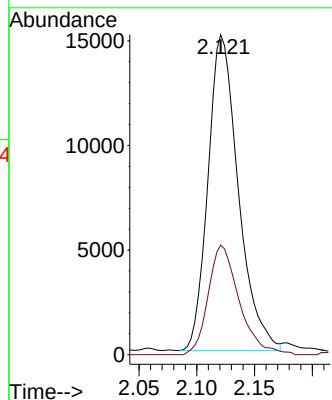
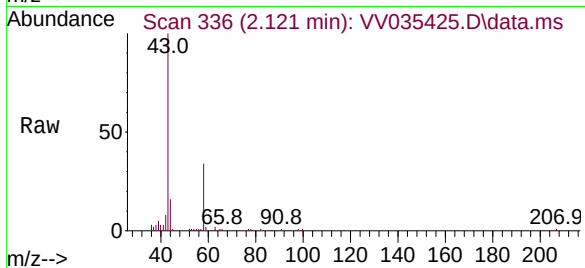
ClientSampleId :

Tgt Ion: 43 Resp: 27612

Ion Ratio Lower Upper

43 100

58 35.4 0.0 65.8



#51

Chlorobenzene

Concen: 7.829 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035425.D

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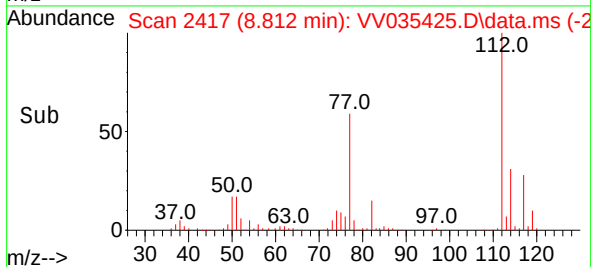
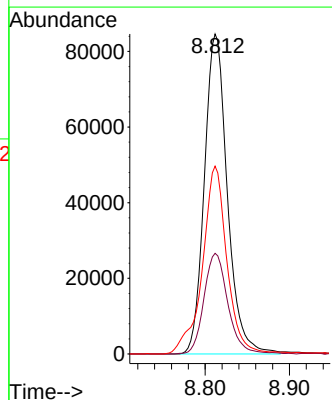
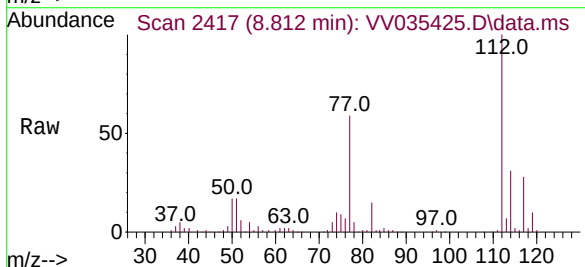
Tgt Ion: 112 Resp: 160751

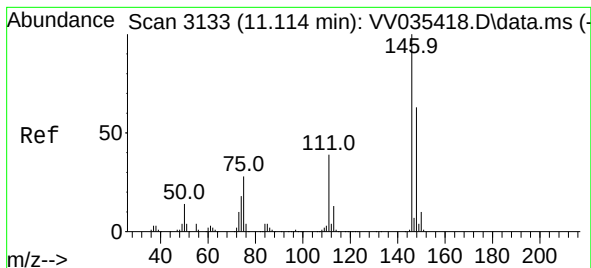
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 58.7 45.6 68.4





#64

1,3-Dichlorobenzene

Concen: 2.739 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

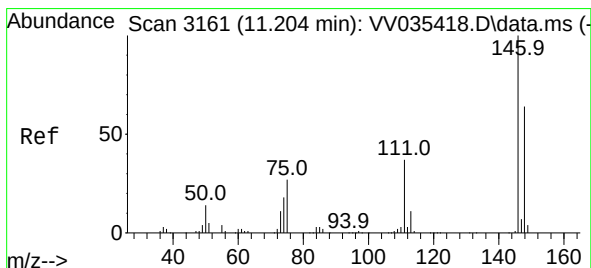
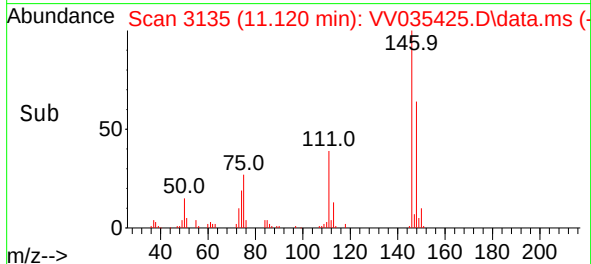
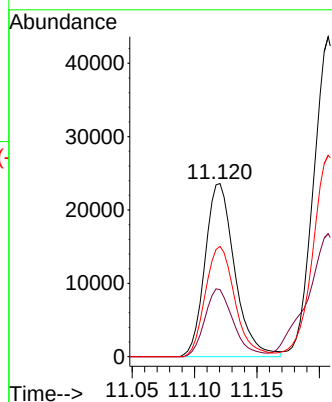
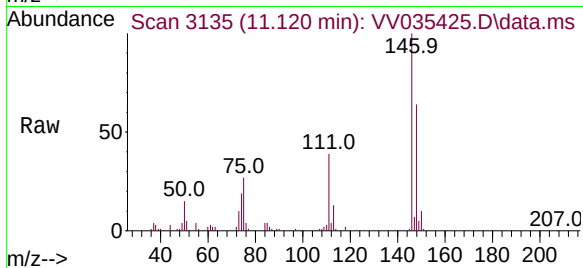
Tgt Ion:146 Resp: 39097

Ion Ratio Lower Upper

146 100

111 38.7 27.0 50.2

148 63.7 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.920 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

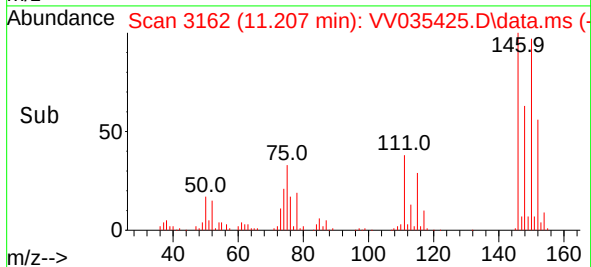
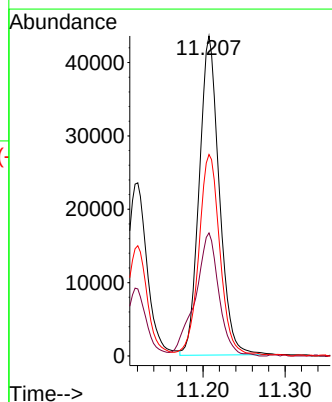
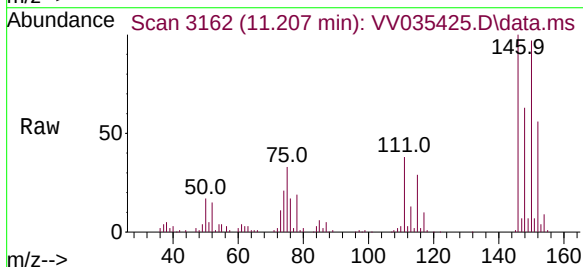
Tgt Ion:146 Resp: 73660

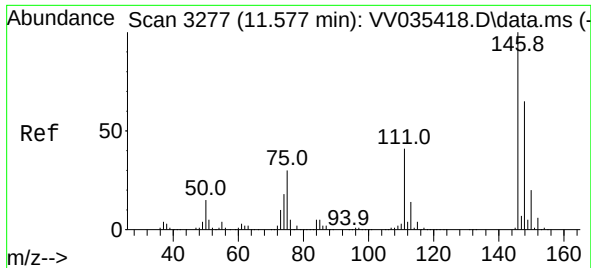
Ion Ratio Lower Upper

146 100

111 38.5 26.5 49.1

148 63.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 61.938 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

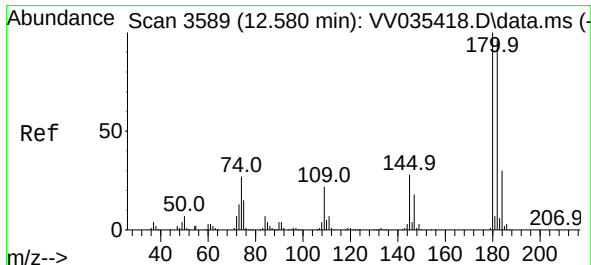
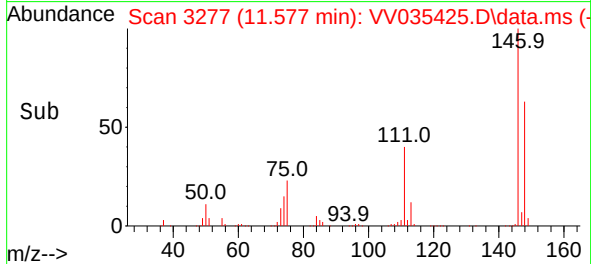
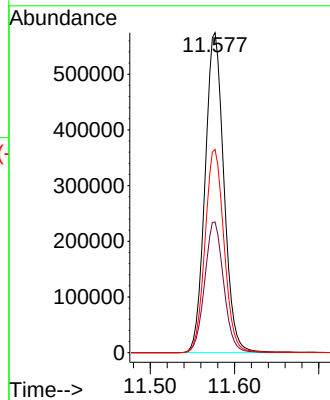
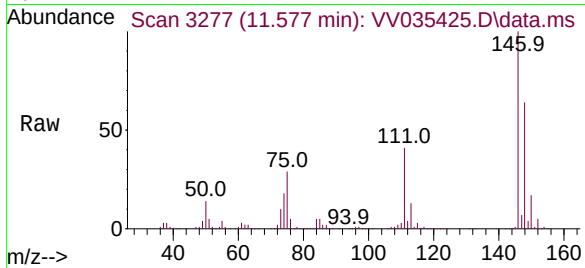
Tgt Ion:146 Resp: 895795

Ion Ratio Lower Upper

146 100

111 40.9 33.3 49.9

148 63.5 52.2 78.2



#69

1,3,5-Trichlorobenzene

Concen: 14.827 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Tgt Ion:180 Resp: 149955

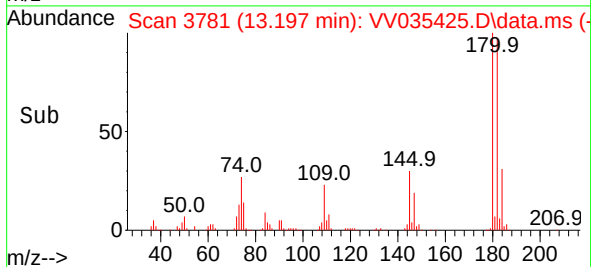
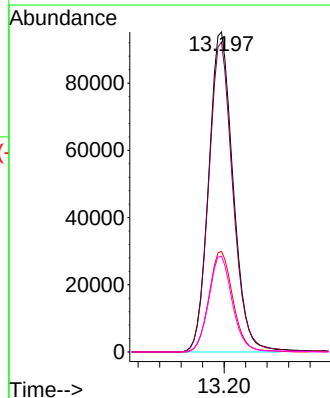
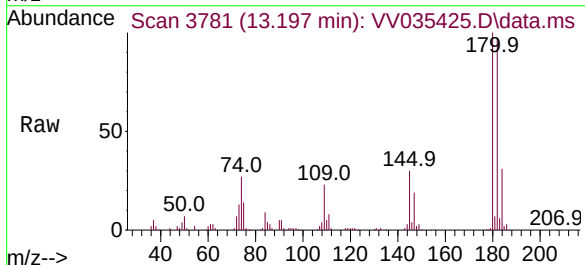
Ion Ratio Lower Upper

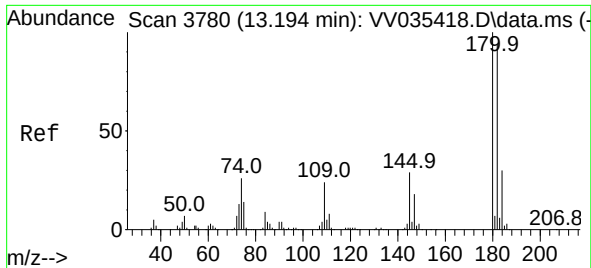
180 100

182 96.2 76.2 114.2

184 31.0 23.8 35.6

145 28.9 22.7 34.1

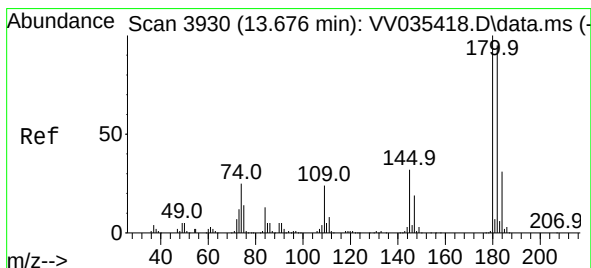
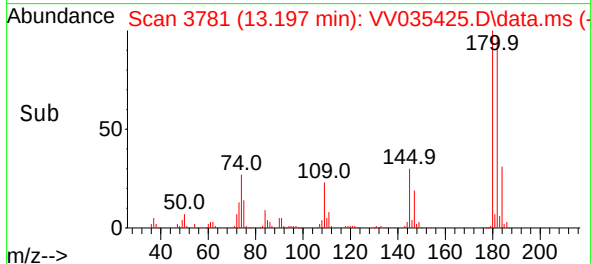
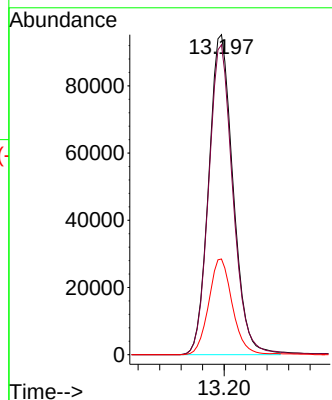
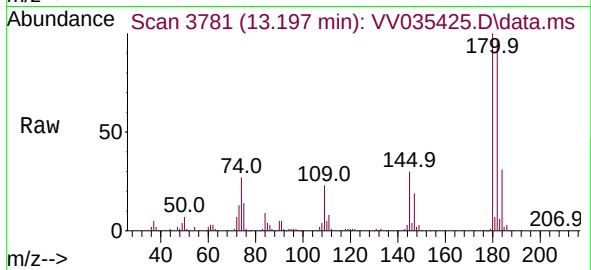




#70
1,2,4-trichlorobenzene
Concen: 18.677 ug/L
RT: 13.197 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035425.D
Acq: 26 Apr 2024 14:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 149955
Ion Ratio Lower Upper
180 100
182 96.2 75.1 112.7
145 28.9 23.2 34.8



#72
1,2,3-Trichlorobenzene
Concen: 9.106 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035425.D
Acq: 26 Apr 2024 14:28

Tgt Ion:180 Resp: 71238
Ion Ratio Lower Upper
180 100
182 97.2 76.6 115.0
145 31.7 24.7 37.1

