

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042423\
 Data File : VV030793.D
 Acq On : 24 Apr 2023 15:22
 Operator : SY/MD
 Sample : 02440-15 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMRO

Quant Time: Apr 25 03:22:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

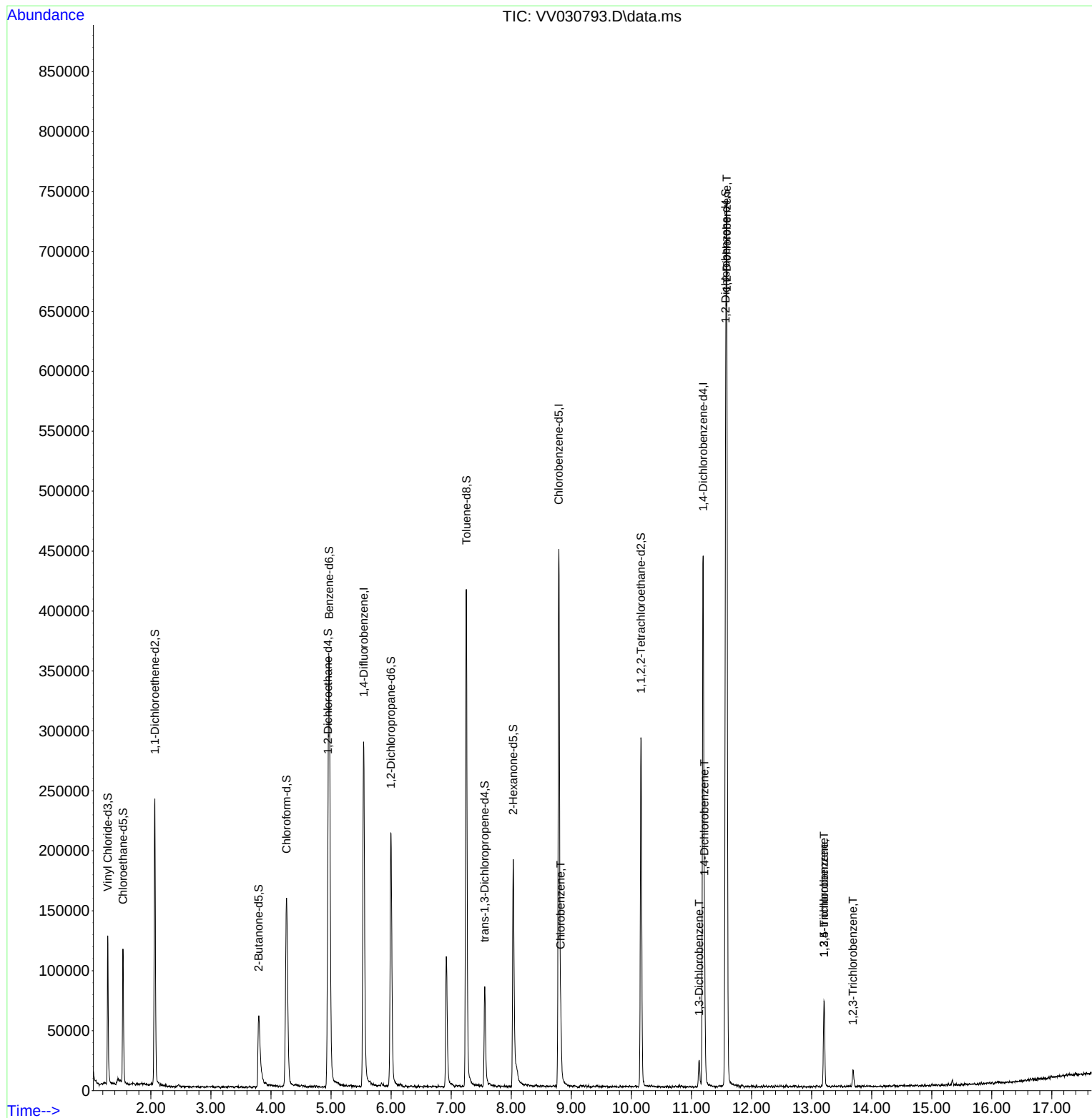
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	244204	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	235088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	117269	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	82465	46.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.120%
7) Chloroethane-d5	1.536	69	67968	45.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.620%
11) 1,1-Dichloroethene-d2	2.066	65	39545	46.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
21) 2-Butanone-d5	3.796	46	99827	101.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	4.259	84	162217	50.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.950	65	114667	54.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.940%
32) Benzene-d6	4.970	84	303205	54.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.100%
36) 1,2-Dichloropropane-d6	5.995	67	91734	53.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.260%
41) Toluene-d8	7.252	98	271335	51.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.980%
43) trans-1,3-Dichloroprop...	7.558	79	45703	52.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.040%
47) 2-Hexanone-d5	8.034	63	63467	93.315	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.310%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125926	50.265	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	11.571	152	111113	59.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.220%
Target Compounds						
51) Chlorobenzene	8.822	112	26327	5.199	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	8903	2.431	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	39036	10.110	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	233912	63.324	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	20900	7.556	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	20900	8.899	ug/L	94
72) 1,2,3-Trichlorobenzene	13.689	180	4313	1.852	ug/L	95

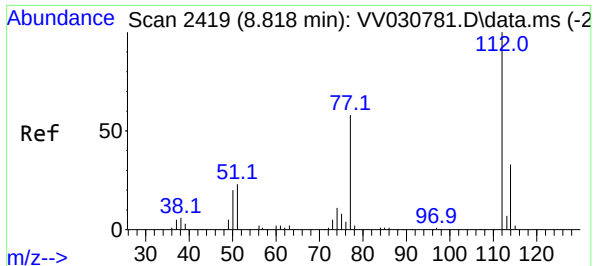
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 5.199 ug/L

RT: 8.822 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV030793.D

Acq: 24 Apr 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

COMR0

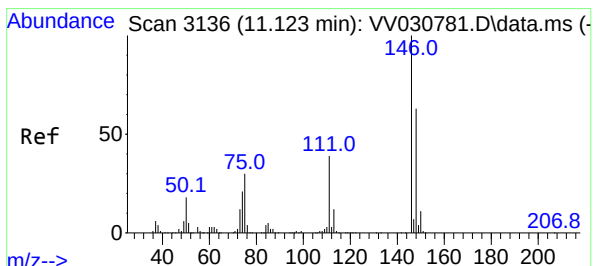
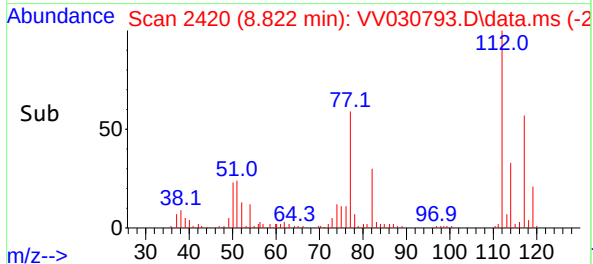
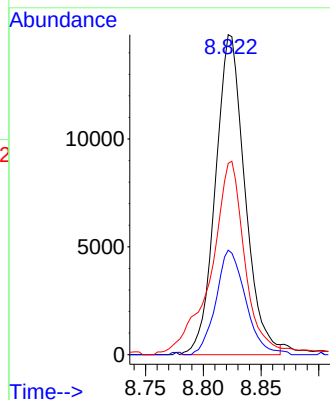
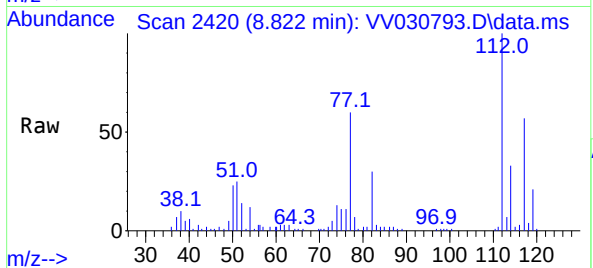
Tgt Ion:112 Resp: 26327

Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 59.8 47.4 71.0



#64

1,3-Dichlorobenzene

Concen: 2.431 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.003 min

Lab File: VV030793.D

Acq: 24 Apr 2023 15:22

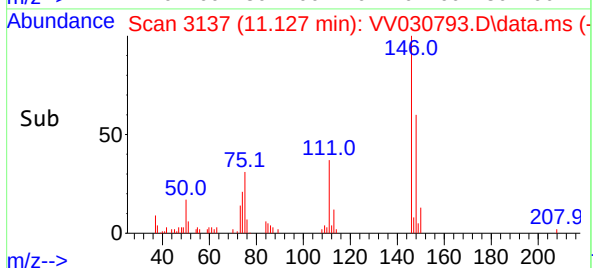
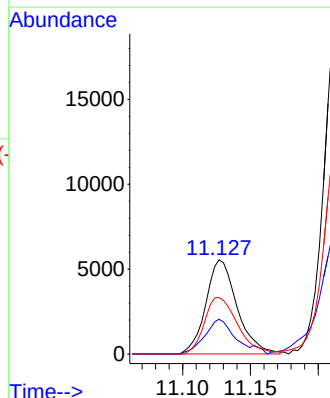
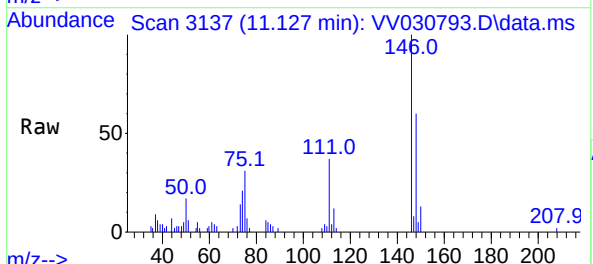
Tgt Ion:146 Resp: 8903

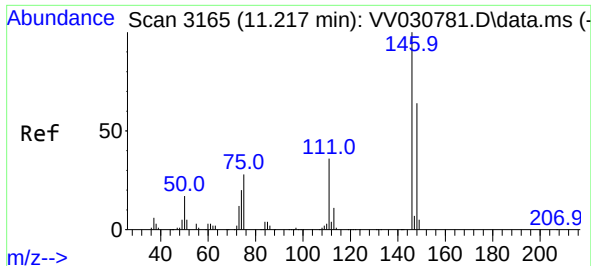
Ion Ratio Lower Upper

146 100

111 36.9 27.0 50.2

148 60.0 44.8 83.2

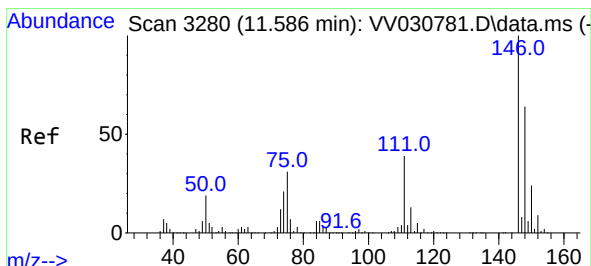
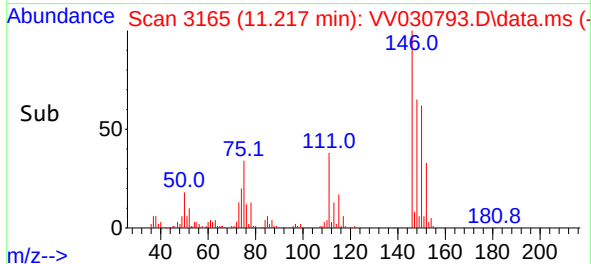
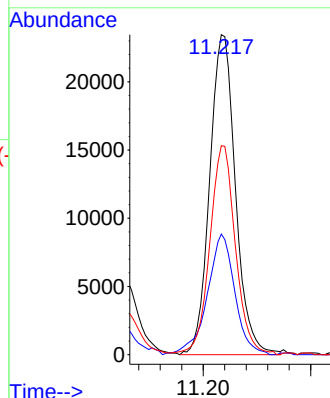
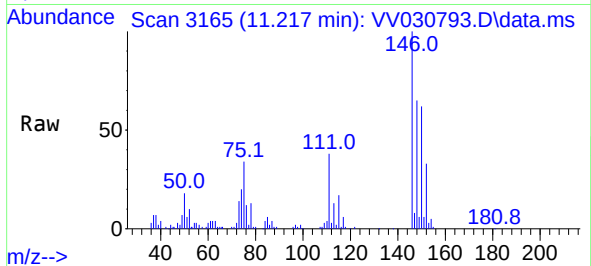




#65
1,4-Dichlorobenzene
Concen: 10.110 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

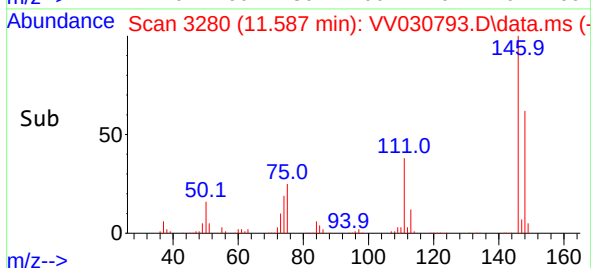
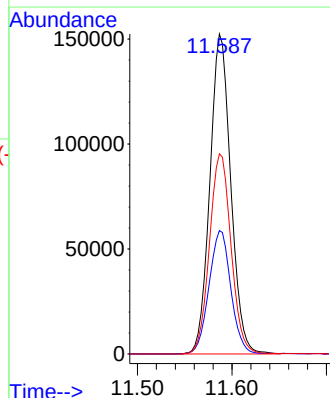
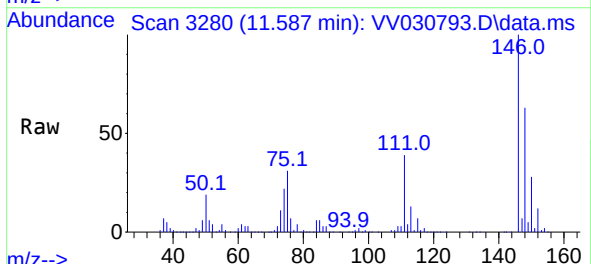
Instrument :
MSVOA_V
ClientSampleId :
COMR0

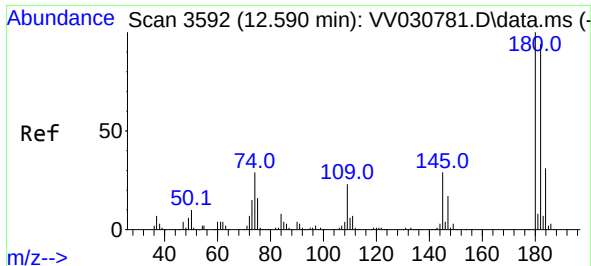
Tgt Ion:146	Resp:	39036
Ion Ratio	Lower	Upper
146	100	
111	37.7	26.5 49.1
148	65.3	44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 63.324 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

Tgt Ion:146	Resp:	233912
Ion Ratio	Lower	Upper
146	100	
111	38.6	32.0 48.0
148	62.5	50.6 76.0





#69

1,3,5-Trichlorobenzene

Concen: 7.556 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.617 min

Lab File: VV030793.D

Acq: 24 Apr 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

COMRO

Tgt Ion:180 Resp: 20900

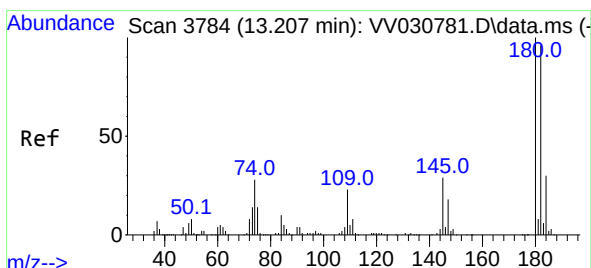
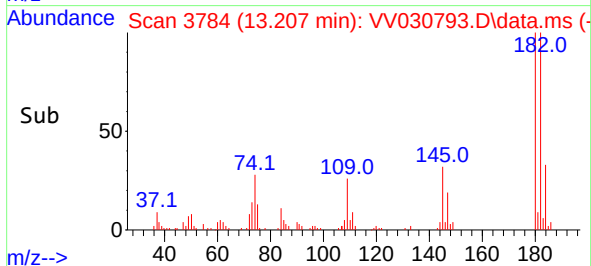
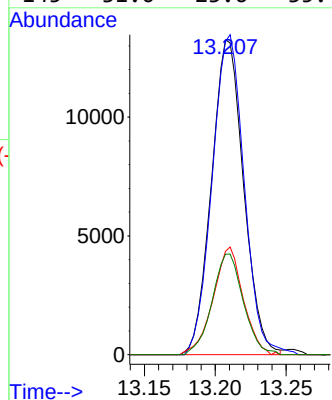
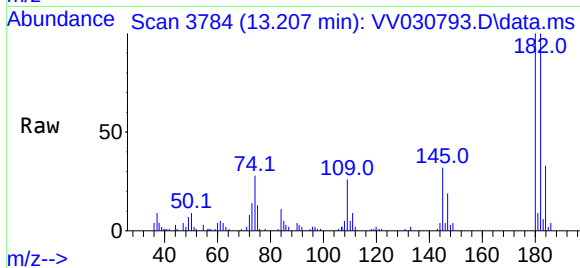
Ion Ratio Lower Upper

180 100

182 101.1 76.4 114.6

184 31.9 24.1 36.1

145 31.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 8.899 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030793.D

Acq: 24 Apr 2023 15:22

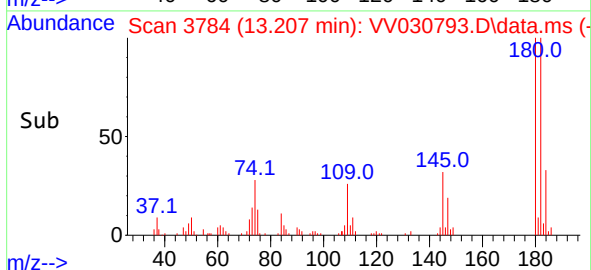
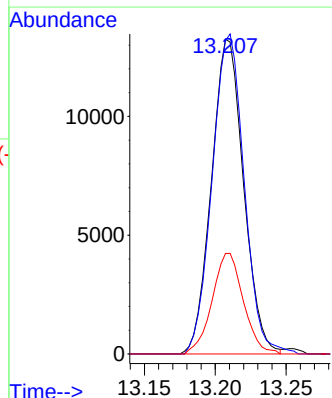
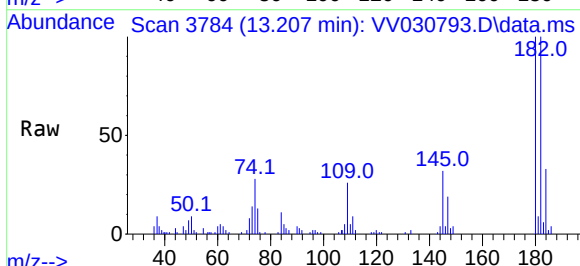
Tgt Ion:180 Resp: 20900

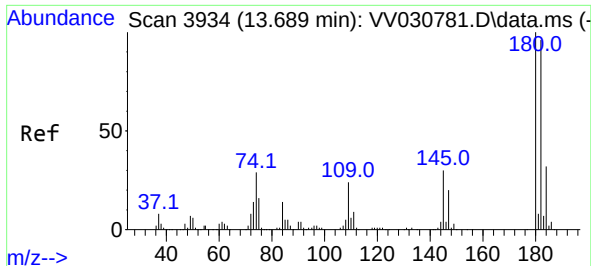
Ion Ratio Lower Upper

180 100

182 101.1 75.9 113.9

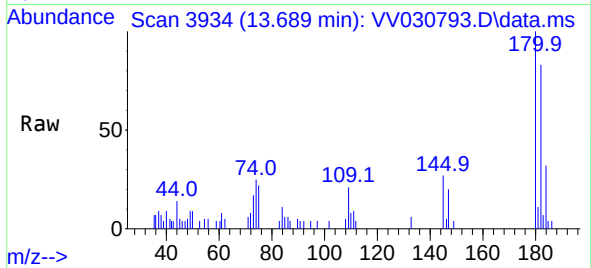
145 31.0 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.852 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030793.D
 Acq: 24 Apr 2023 15:22

Instrument :
 MSVOA_V
 ClientSampleId :
 COMR0



Tgt Ion:	180	Resp:	4313
Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.2	114.4
145	31.5	25.1	37.7

