

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030675.D
 Acq On : 19 Apr 2023 19:17
 Operator : SY/MD
 Sample : 02334-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

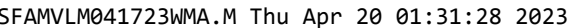
Quant Time: Apr 20 01:31:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

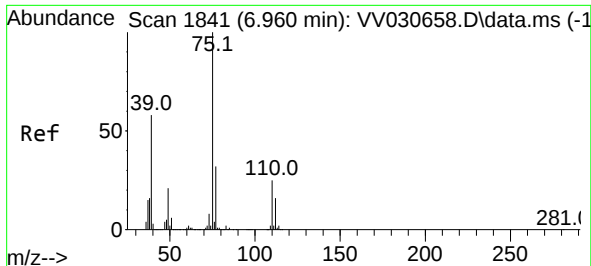
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	222609	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	221353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	129665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51348	31.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.940%		
7) Chloroethane-d5	1.536	69	50653	37.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.080%		
11) 1,1-Dichloroethene-d2	2.066	65	27186	35.129	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.260%		
21) 2-Butanone-d5	3.802	46	92231	102.898	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.900%		
24) Chloroform-d	4.262	84	128874	43.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.160%		
26) 1,2-Dichloroethane-d4	4.950	65	87227	45.876	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.760%		
32) Benzene-d6	4.969	84	218484	41.748	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.500%		
36) 1,2-Dichloropropane-d6	5.998	67	73345	45.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	7.252	98	187626	38.185	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.360%#		
43) trans-1,3-Dichloroprop...	7.561	79	33529	40.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.840%		
47) 2-Hexanone-d5	8.034	63	61325	95.760	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.760%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	110293	46.757	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.520%		
66) 1,2-Dichlorobenzene-d4	11.278	152	43	0.021	ug/L	-0.29
Spiked Amount 50.000	Range 80 - 120		Recovery =	0.040%#		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.924	75	2678	0.986	ug/L #	57
44) trans-1,3-Dichloropropene	7.561	75	2242	0.840	ug/L	90
51) Chlorobenzene	8.821	112	751947	157.698	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	533571	131.791	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	2085382	488.466	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	3768491	922.660	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.342	75	1255	1.824	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.207	180	1491318	487.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	1491318	574.308	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	754679	293.089	ug/L	100

(#) = 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 : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.986 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV030675.D

Acq: 19 Apr 2023 19:17

Instrument :

MSVOA_V

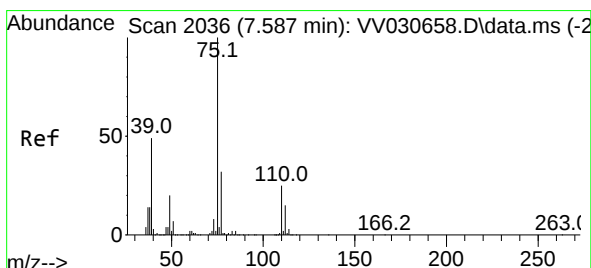
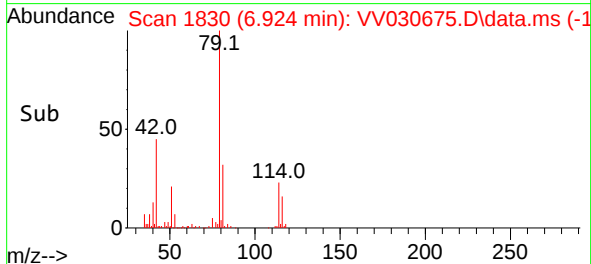
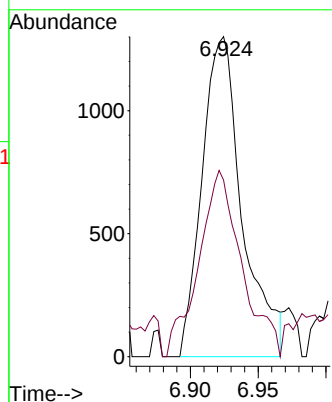
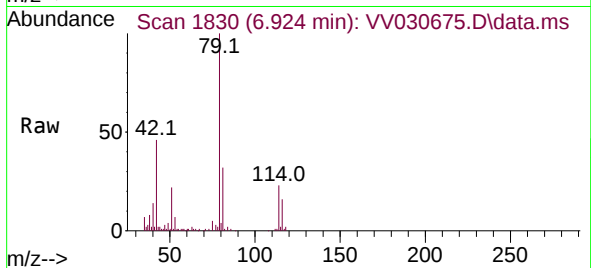
ClientSampleId :

Tgt Ion: 75 Resp: 2678

Ion Ratio Lower Upper

75 100

77 55.2 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030675.D

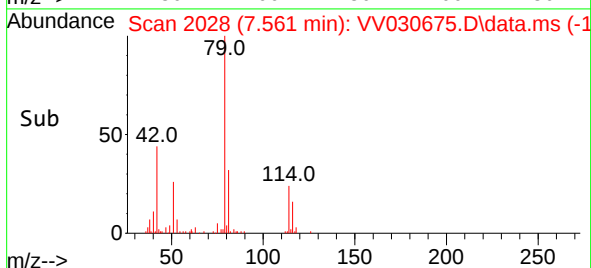
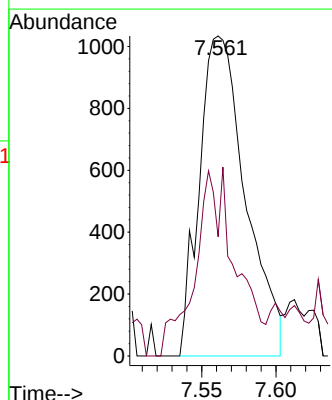
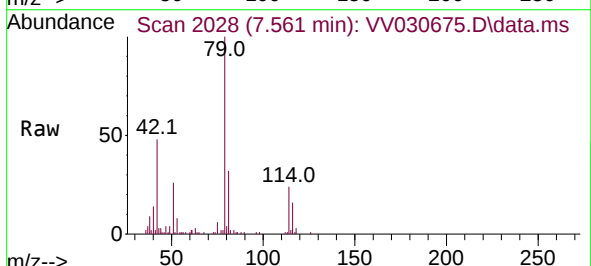
Acq: 19 Apr 2023 19:17

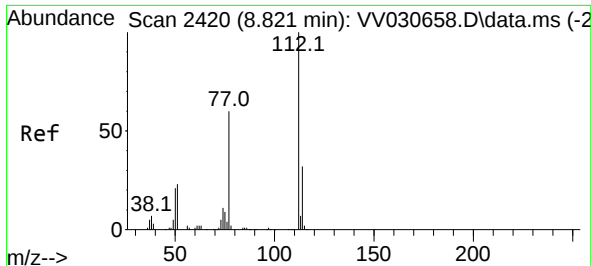
Tgt Ion: 75 Resp: 2242

Ion Ratio Lower Upper

75 100

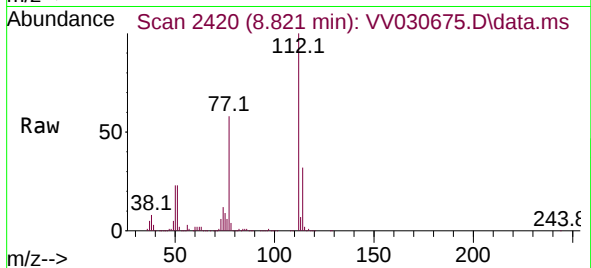
77 37.2 22.1 41.1



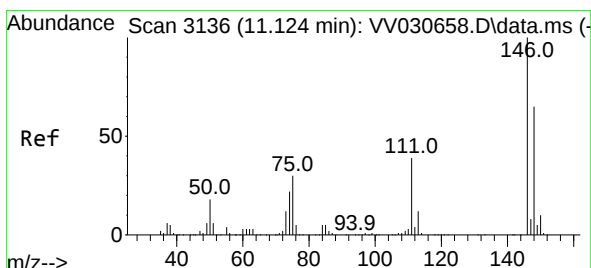
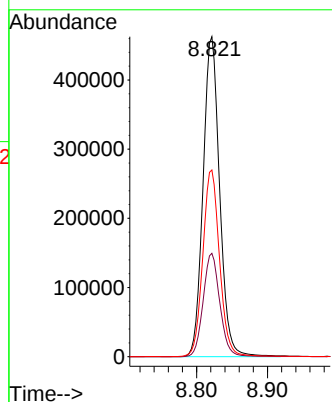
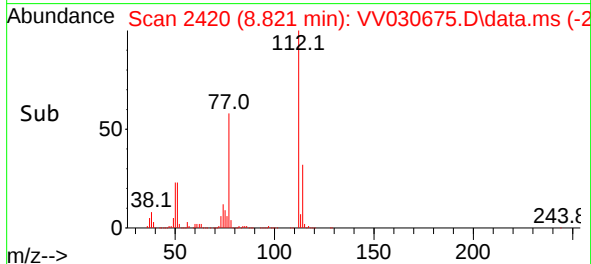


#51
Chlorobenzene
Concen: 157.698 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030675.D
Acq: 19 Apr 2023 19:17

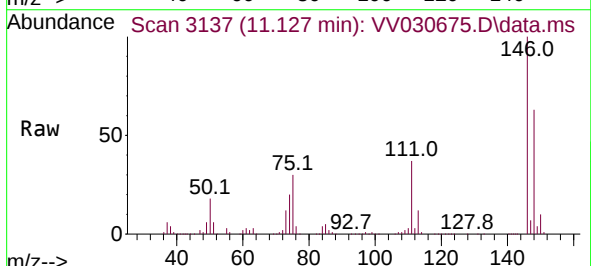
Instrument :
MSVOA_V
ClientSampleId :



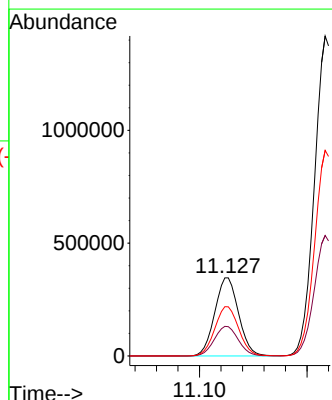
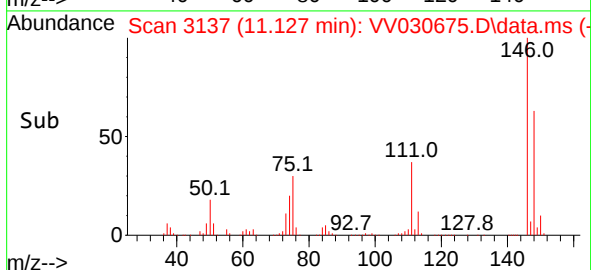
Tgt Ion:112 Resp: 751947
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 58.4 47.4 71.0

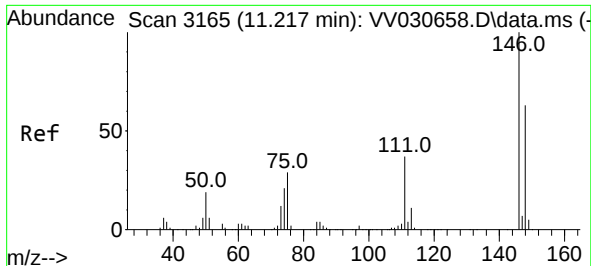


#64
1,3-Dichlorobenzene
Concen: 131.791 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030675.D
Acq: 19 Apr 2023 19:17



Tgt Ion:146 Resp: 533571
Ion Ratio Lower Upper
146 100
111 37.5 27.0 50.2
148 62.8 44.8 83.2

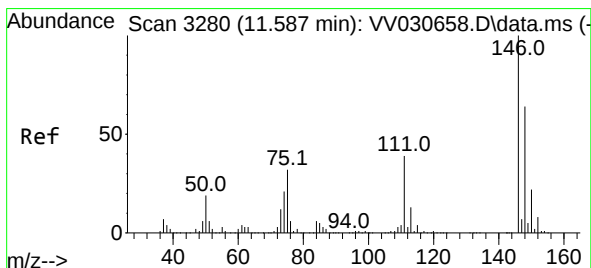
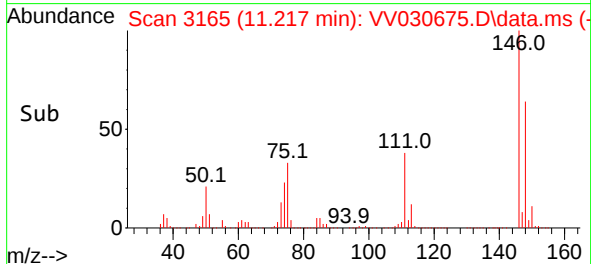
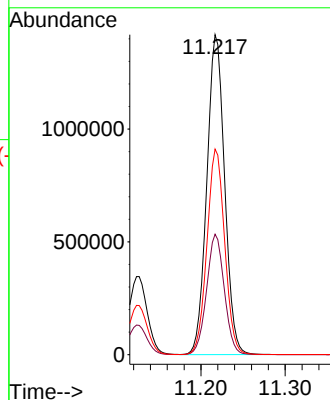
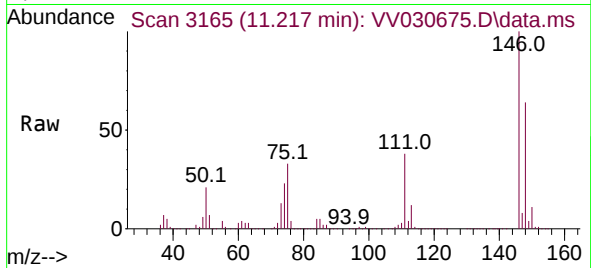




#65
1,4-Dichlorobenzene
Concen: 488.466 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030675.D
Acq: 19 Apr 2023 19:17

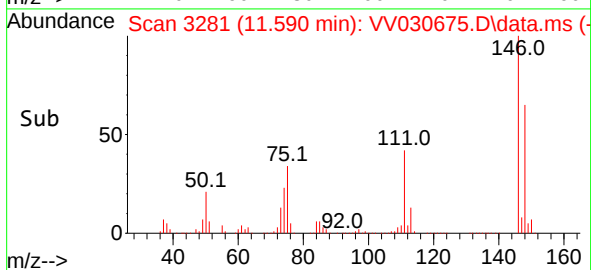
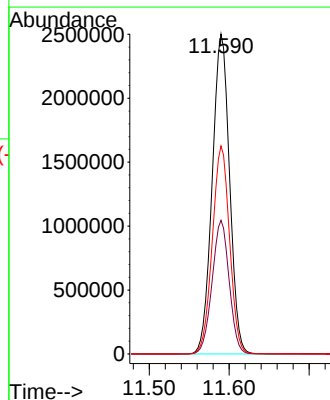
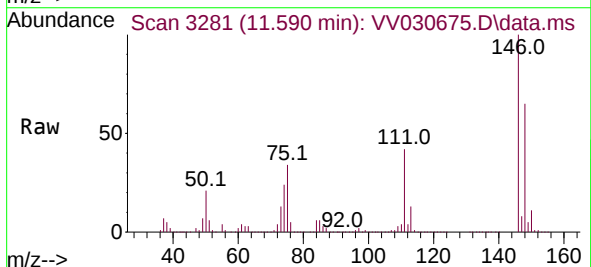
Instrument :
MSVOA_V
ClientSampleId :

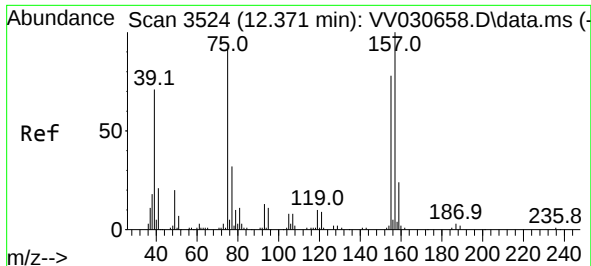
Tgt Ion:146 Resp: 2085382
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.1
148 64.2 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 922.660 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030675.D
Acq: 19 Apr 2023 19:17

Tgt Ion:146 Resp: 3768491
Ion Ratio Lower Upper
146 100
111 41.8 32.0 48.0
148 65.0 50.6 76.0





#68

1,2-Dibromo-3-chloropropane

Concen: 1.824 ug/L

RT: 12.342 min Scan# 31

Delta R.T. -0.029 min

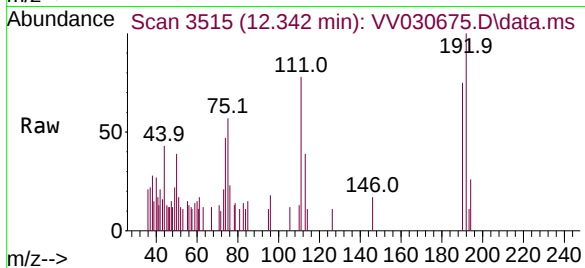
Lab File: VV030675.D

Acq: 19 Apr 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :



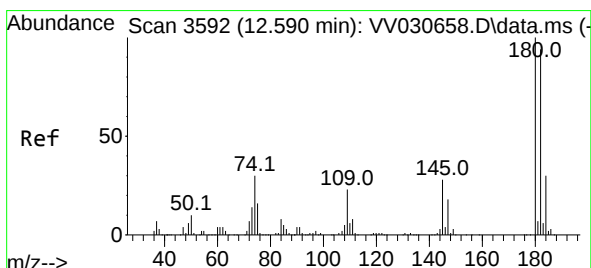
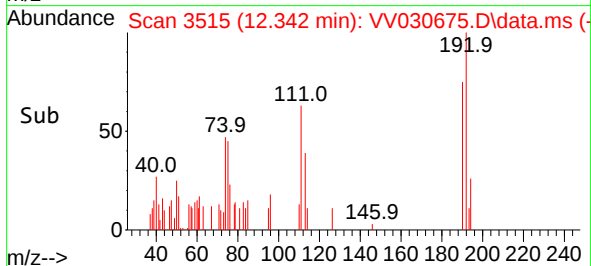
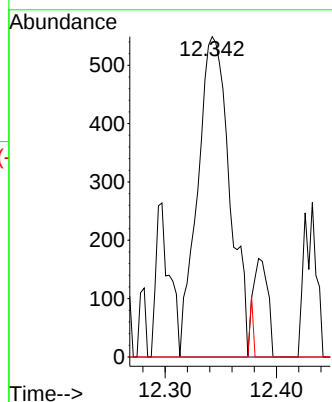
Tgt Ion: 75 Resp: 1255

Ion Ratio Lower Upper

75 100

155 0.0 65.0 97.6#

157 0.0 84.4 126.6#



#69

1,3,5-Trichlorobenzene

Concen: 487.621 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.617 min

Lab File: VV030675.D

Acq: 19 Apr 2023 19:17

Tgt Ion:180 Resp: 1491318

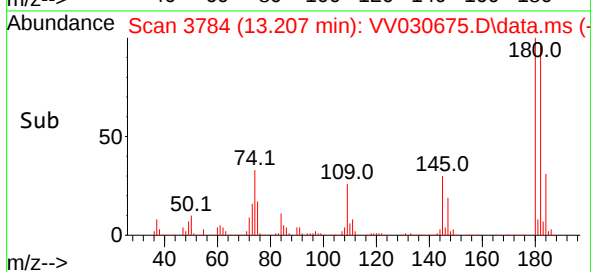
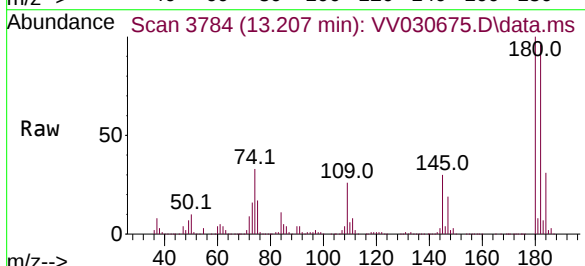
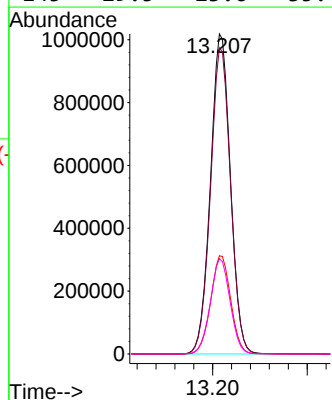
Ion Ratio Lower Upper

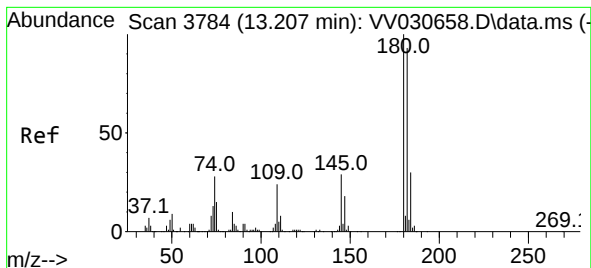
180 100

182 96.1 76.4 114.6

184 30.8 24.1 36.1

145 29.5 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 574.308 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030675.D

Acq: 19 Apr 2023 19:17

Instrument :

MSVOA_V

ClientSampleId :

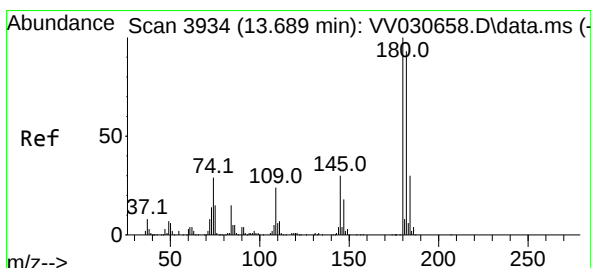
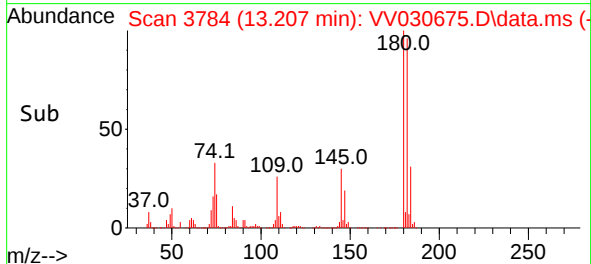
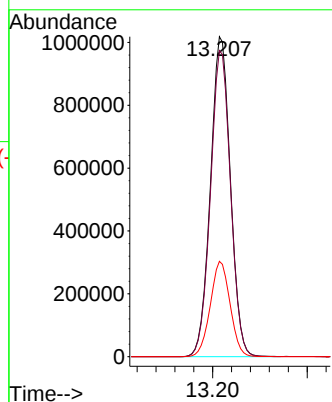
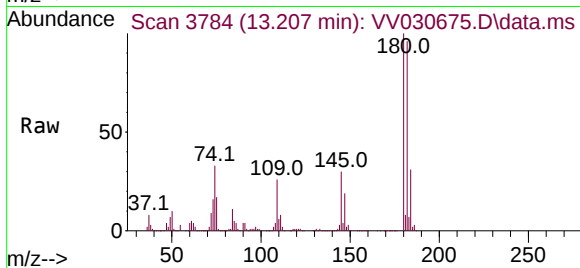
Tgt Ion:180 Resp: 1491318

Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 29.5 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 293.089 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030675.D

Acq: 19 Apr 2023 19:17

Tgt Ion:180 Resp: 754679

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

145 30.9 25.1 37.7

