

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103119\
 Data File : VU035575.D
 Acq On : 30 Oct 2019 20:57
 Operator : JC/SP
 Sample : K5559-02DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6DL

Quant Time: Oct 31 00:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 00:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	613950	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	588004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	199545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	206302	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.20%
7) Chloroethane-d5	1.94	69	183998	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.92%
11) 1,1-Dichloroethene-d2	2.60	63	257336	33.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.74%
21) 2-Butanone-d5	4.69	46	313702	108.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	5.12	84	373335	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
26) 1,2-Dichloroethane-d4	5.75	65	241617	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
32) Benzene-d6	5.78	84	767598	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.74	67	261958	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.40%
41) Toluene-d8	7.93	98	677235	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%
43) trans-1,3-Dichloropropene-	8.22	79	110182	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.68	63	200886	105.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.45%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	353764	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	12.22	152	203874	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

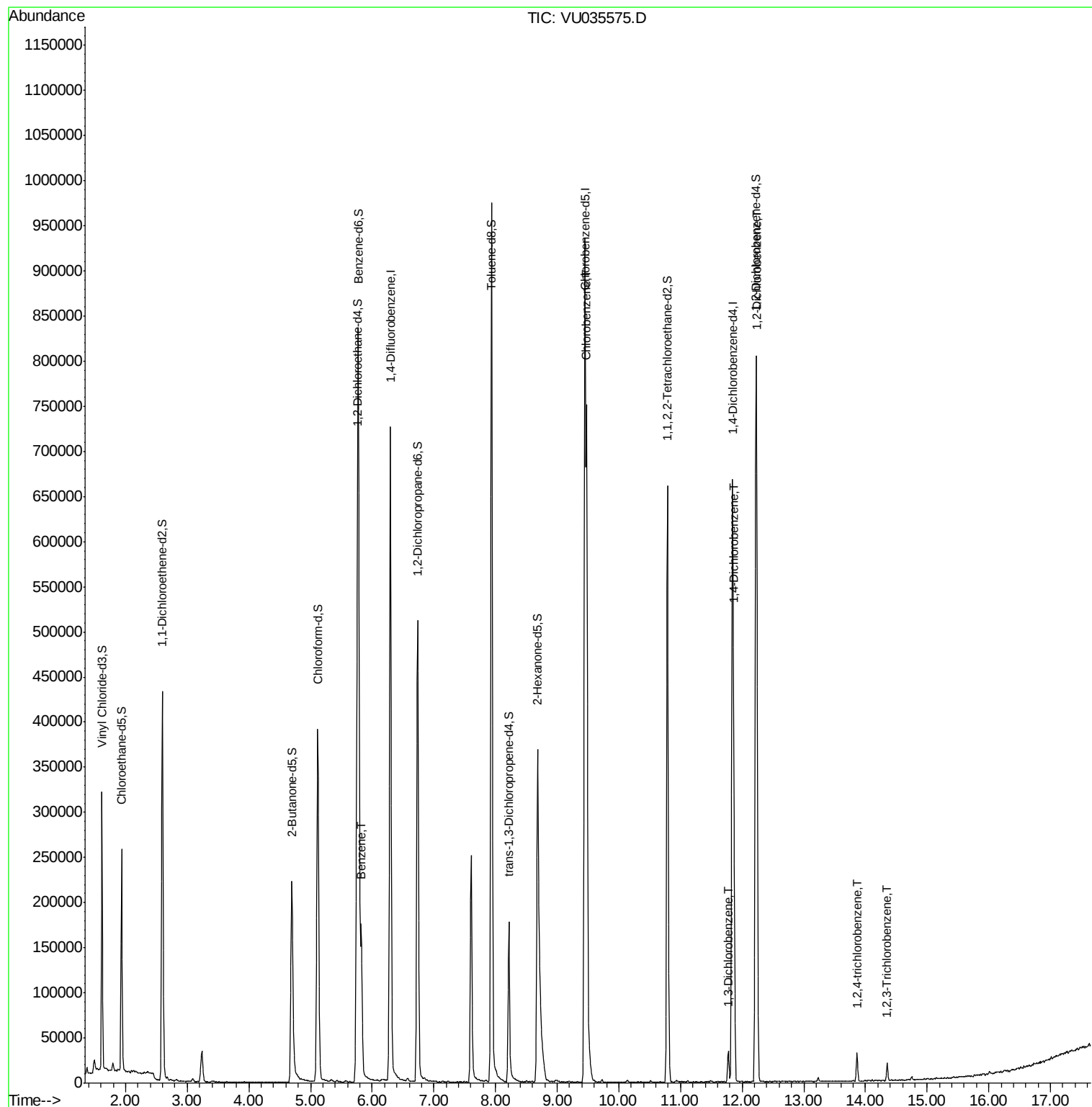
					Ovalue
33) Benzene	5.82	78	153132	9.266	ug/L 100
51) Chlorobenzene	9.48	112	397882	34.411	ug/L 100
62) 1,3-Dichlorobenzene	11.77	146	15653	2.487	ug/L 97
63) 1,4-Dichlorobenzene	11.87	146	123690	19.342	ug/L 98
65) 1,2-Dichlorobenzene	12.24	146	185548	28.953	ug/L 99
68) 1,2,4-trichlorobenzene	13.86	180	10443	4.287	ug/L 98
70) 1,2,3-Trichlorobenzene	14.35	180	6917	2.635	ug/L 91

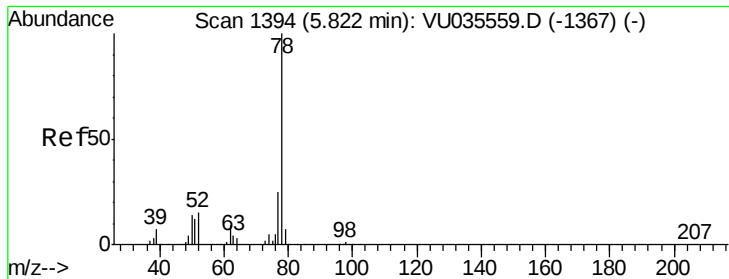
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU103119\
Data File : VU035575.D
Acq On : 30 Oct 2019 20:57
Operator : JC/SP
Sample : K5559-02DL 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CP6DL

Quant Time: Oct 31 00:59:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration





#33

Benzene

Concen: 9.266 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. -0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

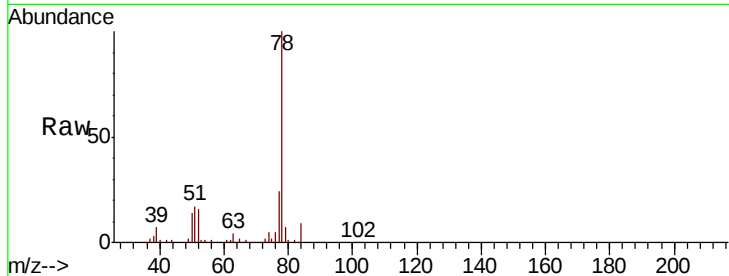
Instrument :

MSVOA_U

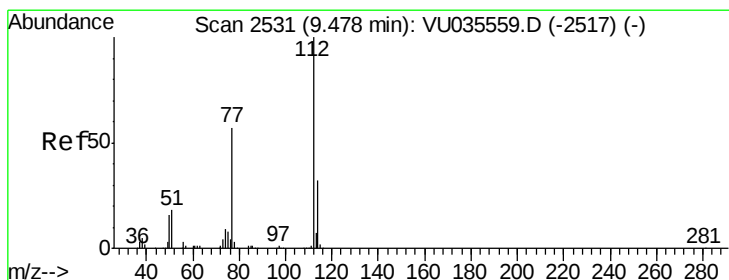
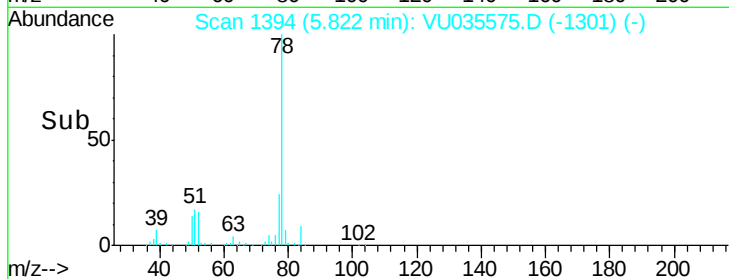
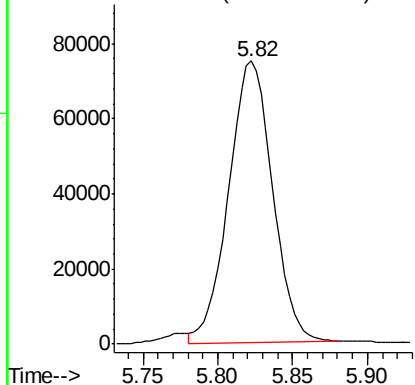
ClientSampleId :

C0CP6DL

Tgt Ion: 78 Resp: 153132



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 34.411 ug/L

RT: 9.48 min Scan# 2531

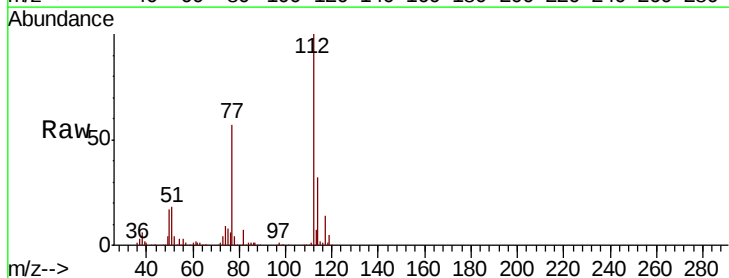
Delta R.T. -0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

Tgt Ion: 112 Resp: 397882

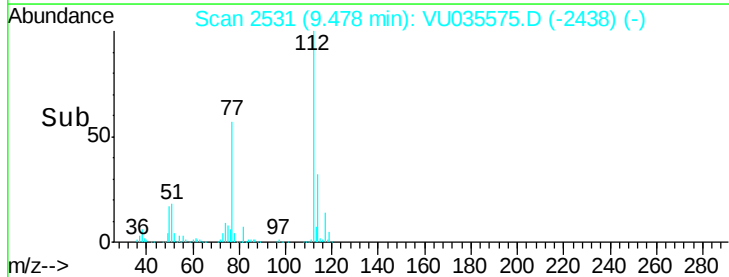
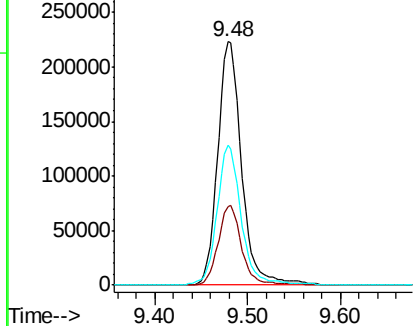
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	57.2	45.9	68.9

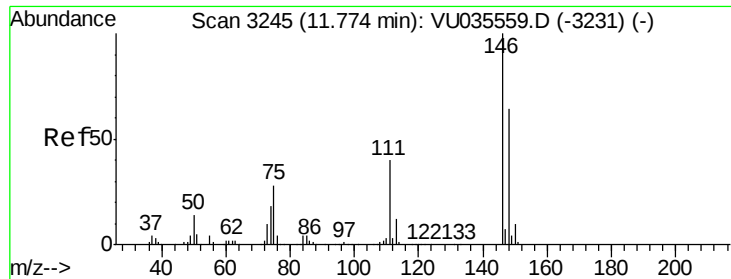


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 2.487 ug/L

RT: 11.77 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

Instrument :

MSVOA_U

ClientSampled :

C0CP6DL

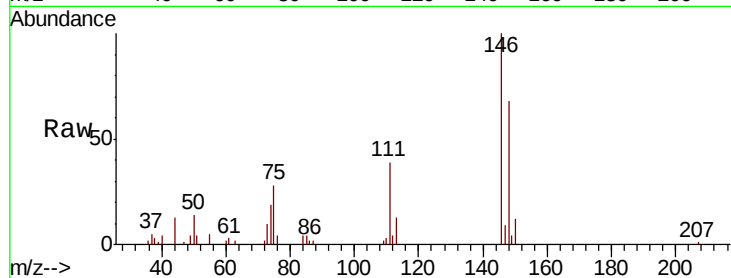
Tot Ion:146 Resp: 15653

Ion Ratio Lower Upper

146 100

111 39.4 27.8 51.6

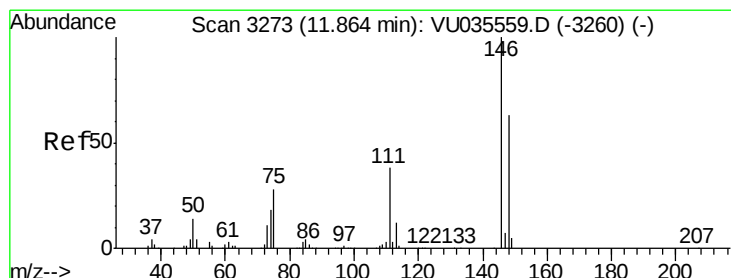
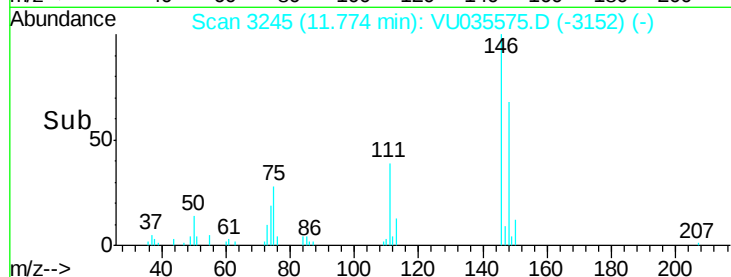
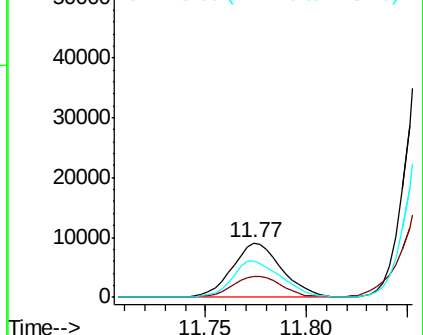
148 67.6 44.5 82.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 19.342 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

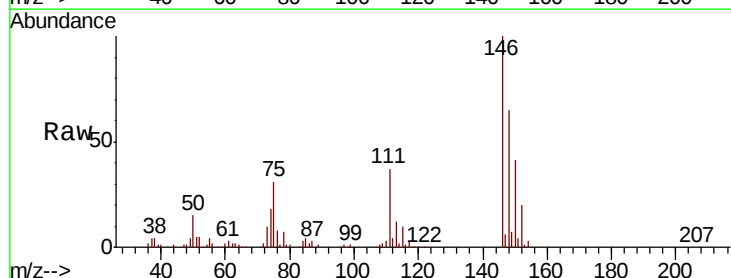
Tgt Ion:146 Resp: 123690

Ion Ratio Lower Upper

146 100

111 37.4 26.5 49.1

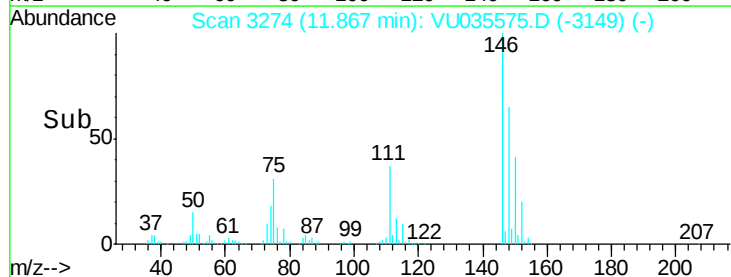
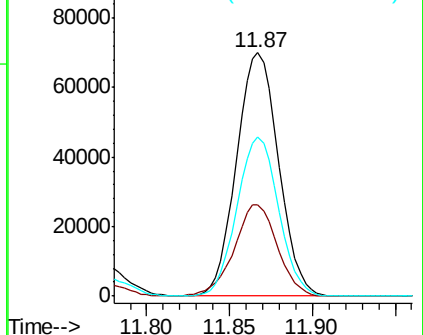
148 65.3 44.4 82.5

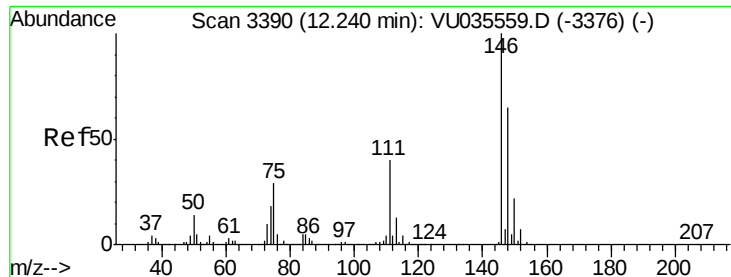


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 28.953 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

Instrument :

MSVOA_U

ClientSampled :

C0CP6DL

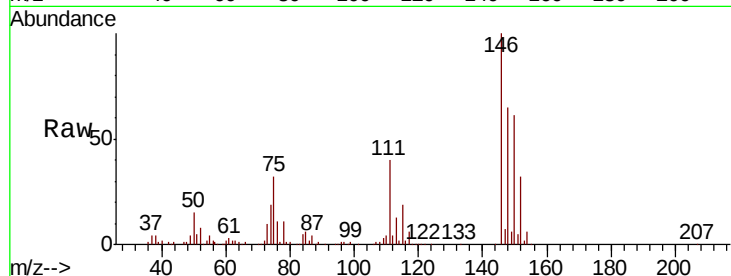
Tot Ion:146 Resp: 185548

Ion Ratio Lower Upper

146 100

111 39.8 32.4 48.6

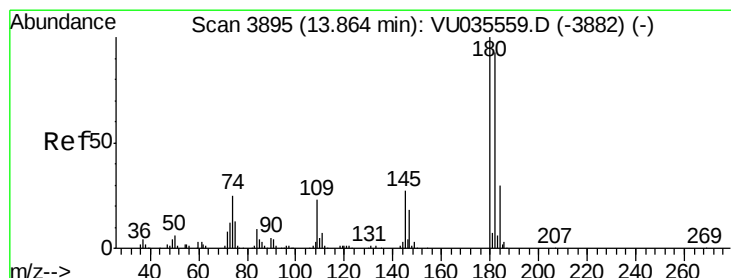
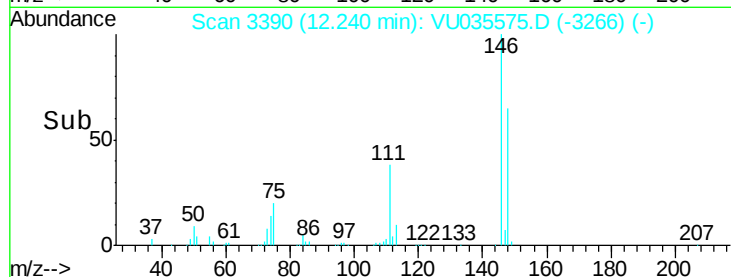
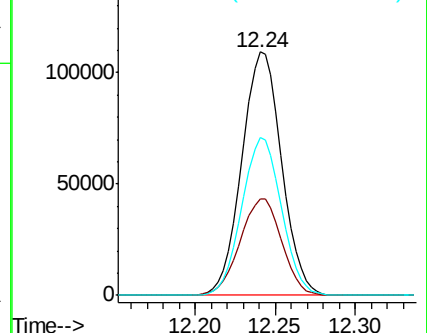
148 65.0 51.8 77.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 4.287 ug/L

RT: 13.86 min Scan# 3895

Delta R.T. -0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

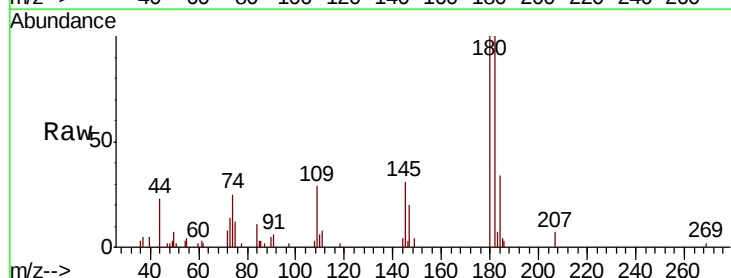
Tgt Ion:180 Resp: 10443

Ion Ratio Lower Upper

180 100

182 97.1 76.6 115.0

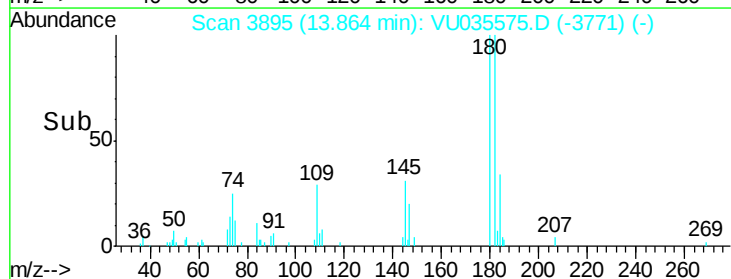
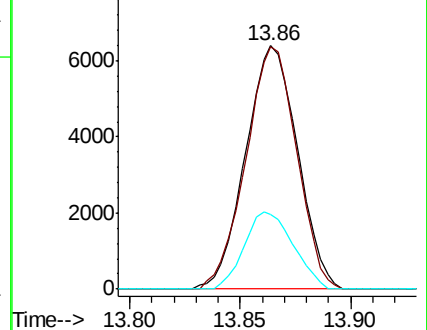
145 29.8 21.9 32.9

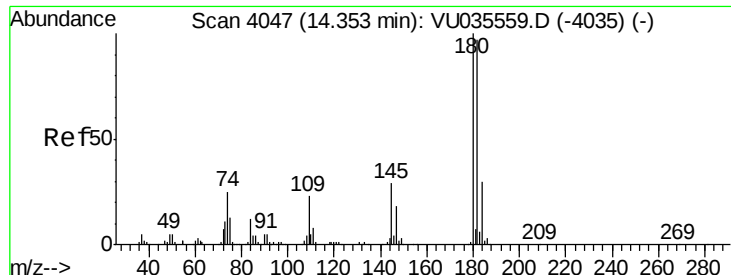


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 2.635 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

C0CP6DL

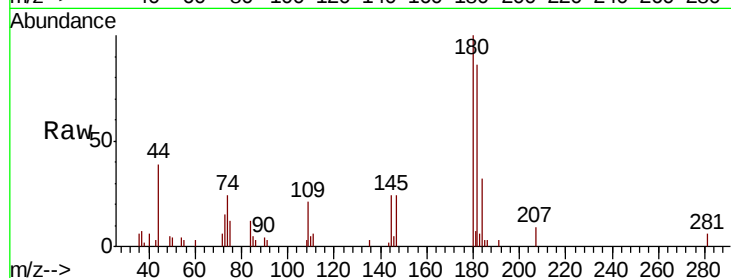
Tot Ion:180 Resp: 6917

Ion Ratio Lower Upper

180 100

182 87.4 77.6 116.4

145 26.8 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

