

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 00:45:38 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

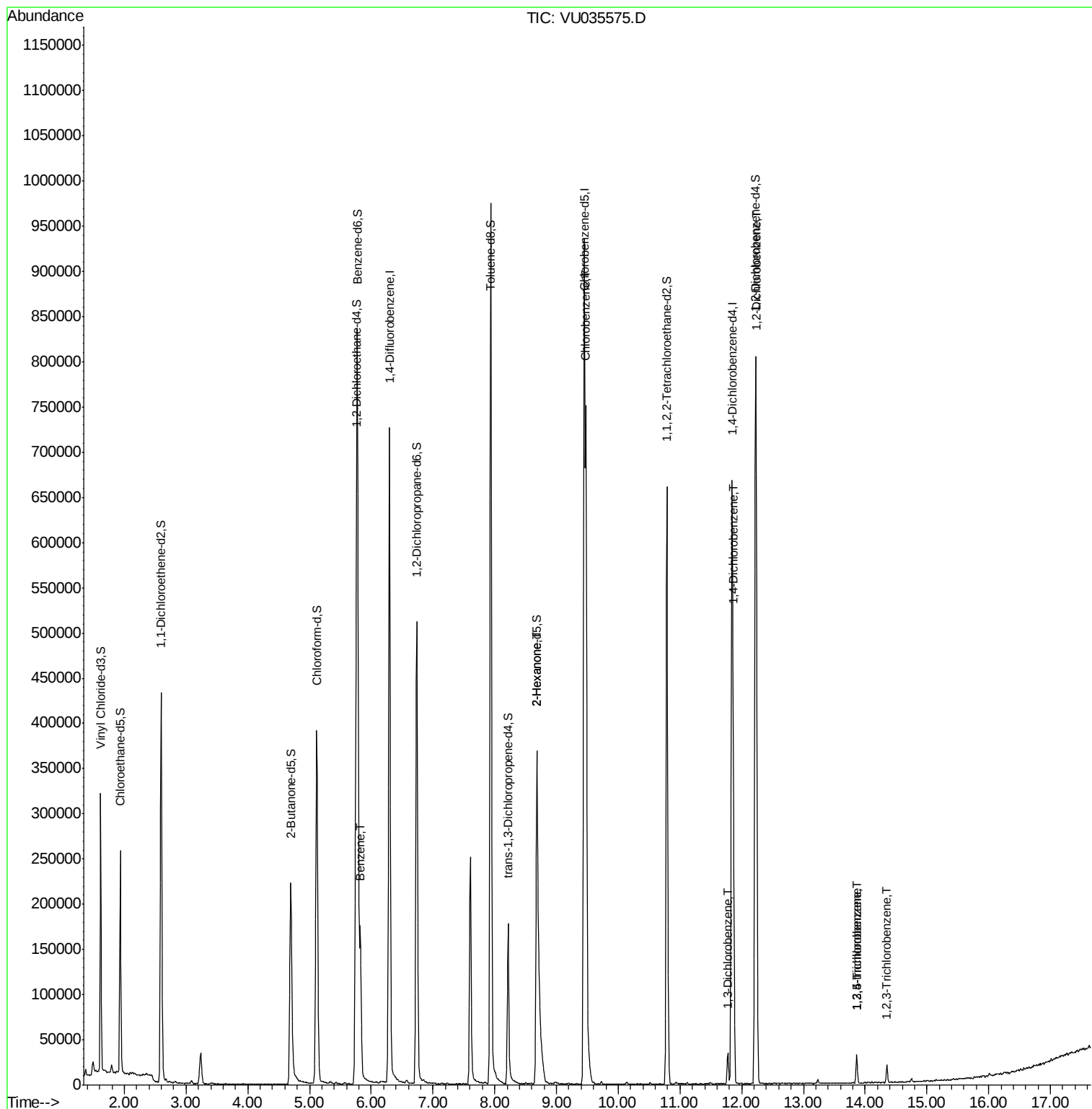
					Qvalue
33) Benzene	5.82	78	153132	9.266 ug/L	100
48) 2-Hexanone	8.68	43	18837	3.913 ug/L	# 68
51) Chlorobenzene	9.48	112	397882	34.411 ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	15653	2.487 ug/L	97
63) 1,4-Dichlorobenzene	11.87	146	123690	19.342 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	185548	28.953 ug/L	99
67) 1,3,5-Trichlorobenzene	13.86	180	10443	2.871 ug/L	98
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

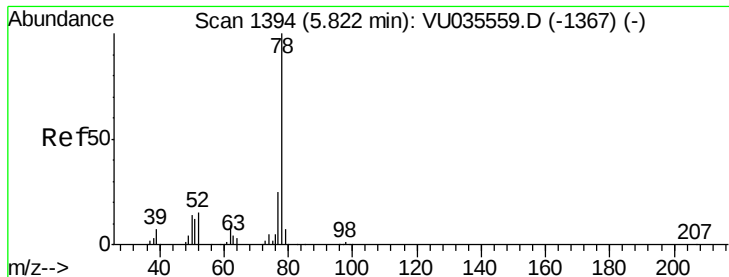
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 9.266 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. -0.00 min

Lab File: VU035575.D

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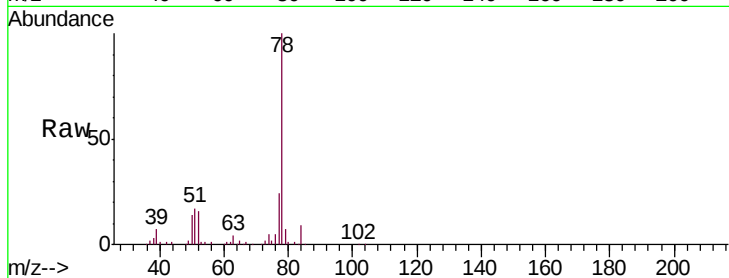
Instrument :

MSVOA_U

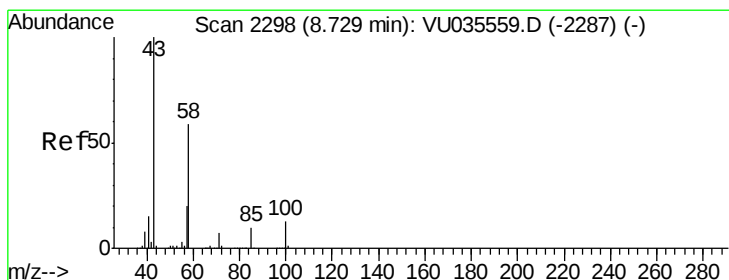
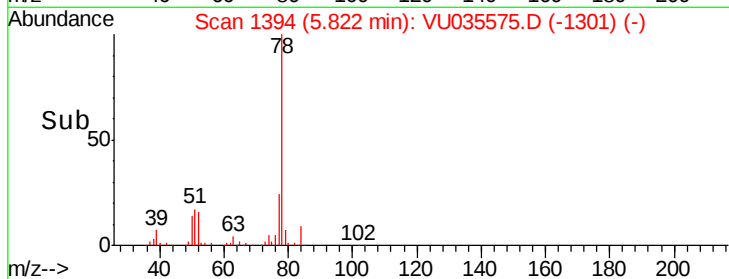
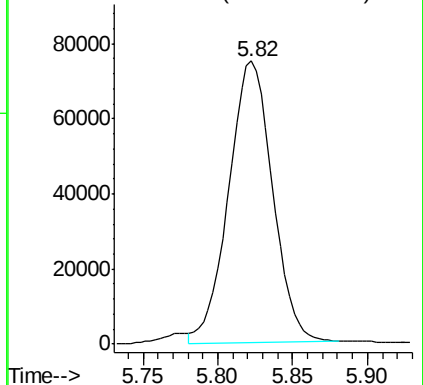
ClientSampleId :

C0CP6DL

Tgt Ion: 78 Resp: 153132



Abundance Ion 78.00 (77.70 to 78.70): VU0



#48

2-Hexanone

Concen: 3.913 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.05 min

Lab File: VU035575.D

Acq: 30 Oct 2019 20:57

Tgt Ion: 43 Resp: 18837

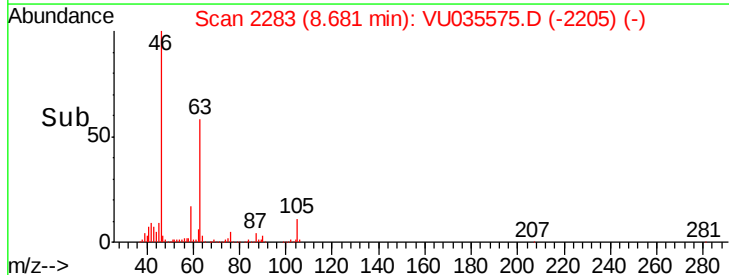
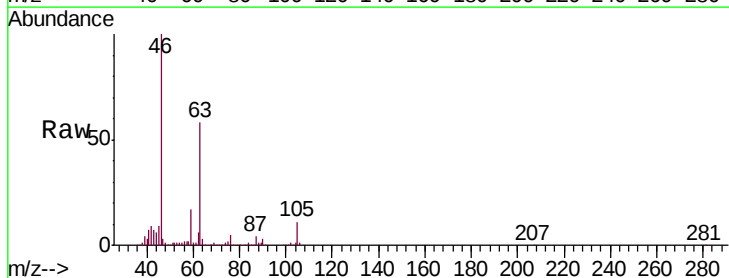
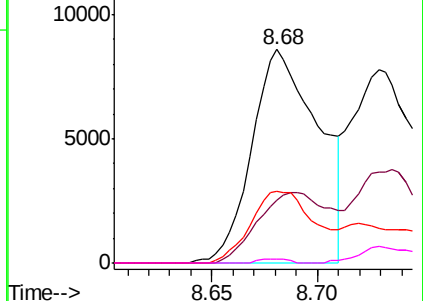
Ion	Ratio	Lower	Upper
43	100		
58	35.0	50.4	75.6#
57	31.5	17.4	26.0#
100	0.9	10.5	15.7#

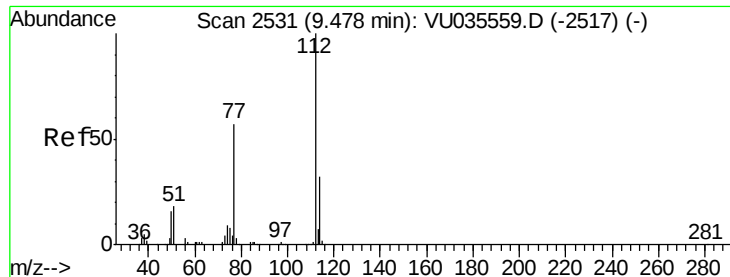
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

Chlorobenzene

Concen: 34.411 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

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C0CP6DL

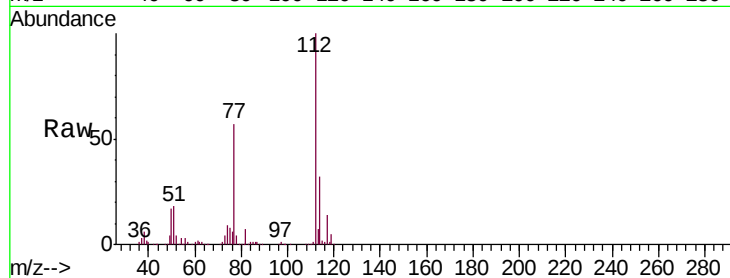
Tgt Ion:112 Resp: 397882

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

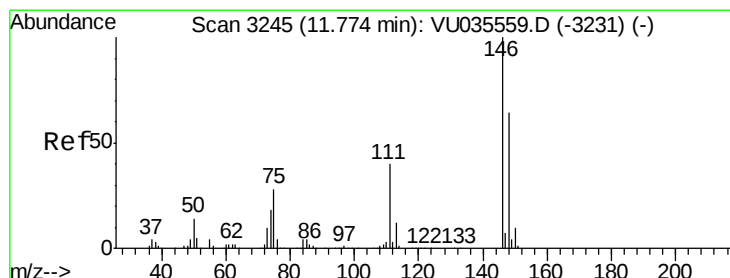
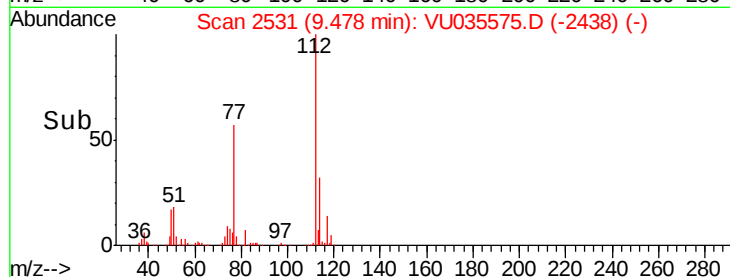
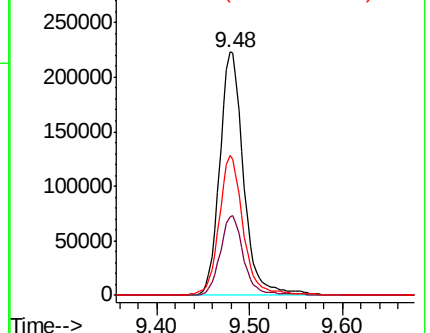
77 57.2 45.9 68.9



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): V



#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

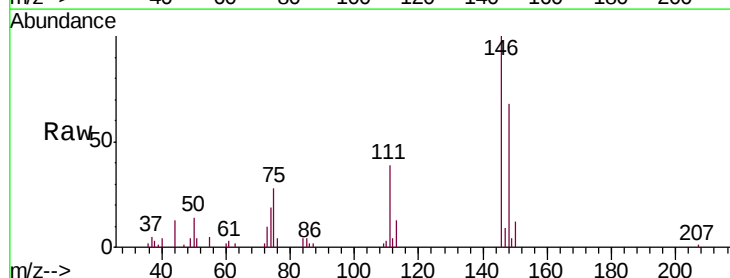
Tgt Ion:146 Resp: 15653

Ion Ratio Lower Upper

146 100

111 39.4 27.8 51.6

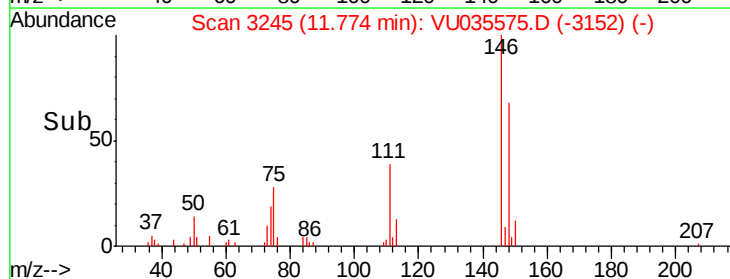
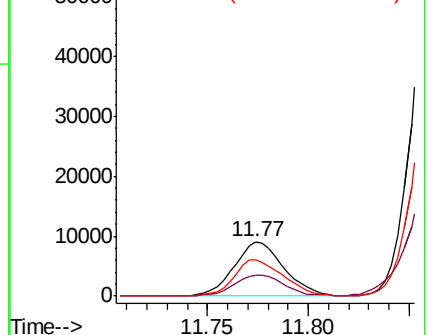
148 67.6 44.5 82.7

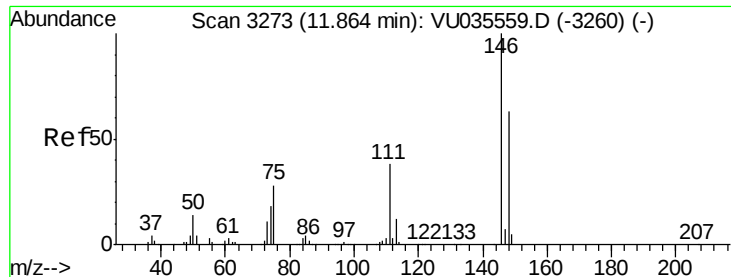


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

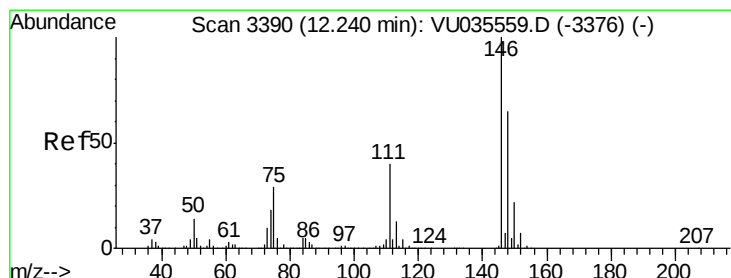
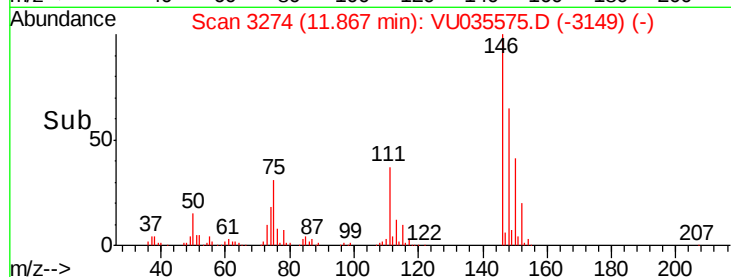
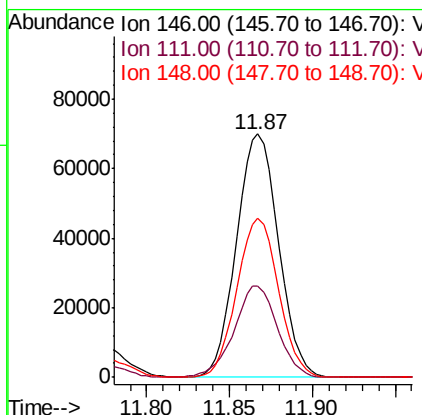
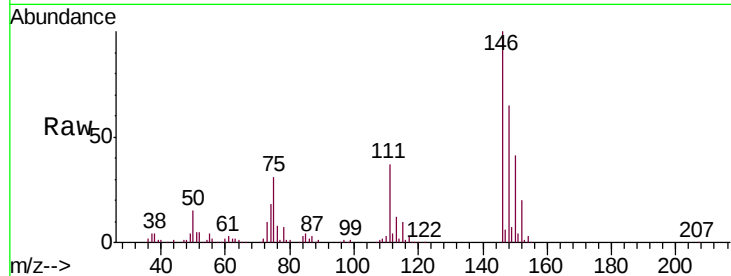




#63
 1,4-Dichlorobenzene
 Concen: 19.342 ug/L
 RT: 11.87 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VU035575.D
 Acq: 30 Oct 2019 20:57

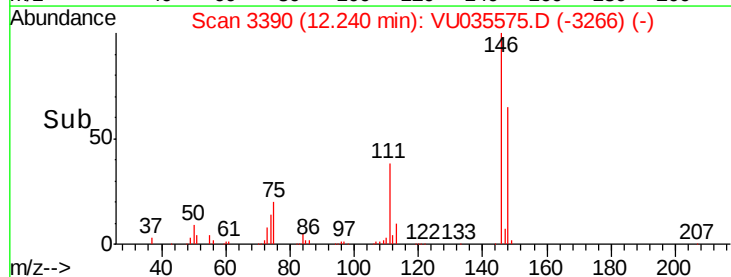
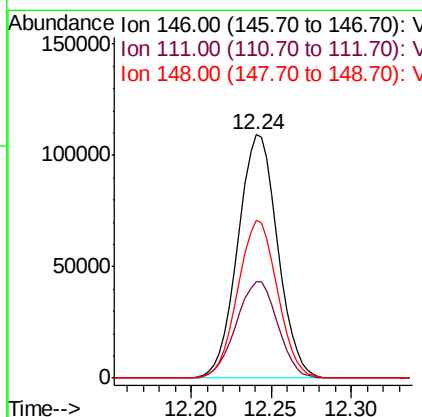
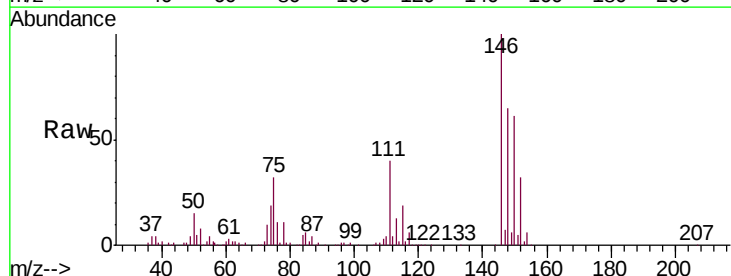
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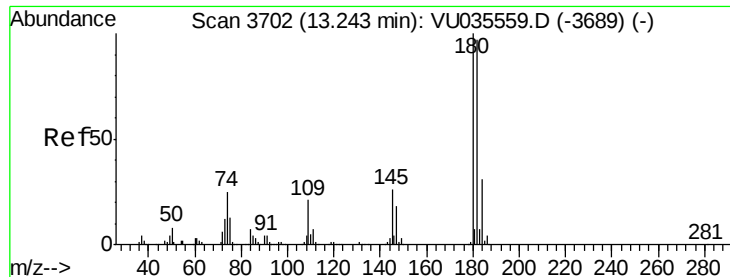
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.5	49.1
148	65.3	44.4	82.5



#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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	32.4	48.6
148	65.0	51.8	77.6

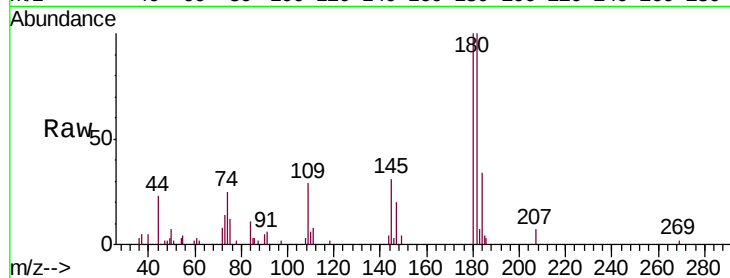




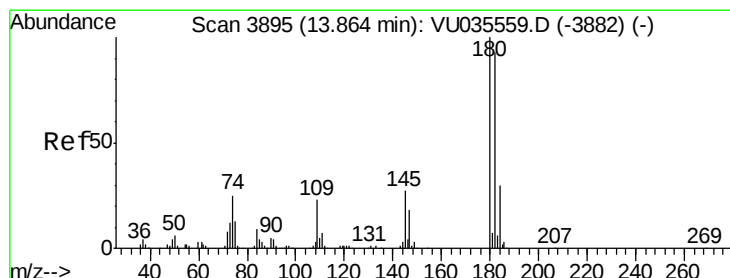
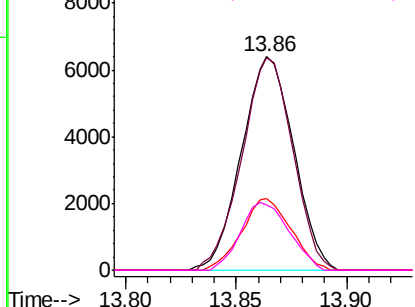
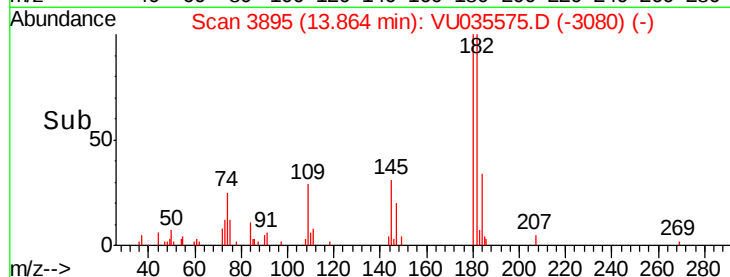
#67
 1,3,5-Trichlorobenzene
 Concen: 2.871 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.62 min
 Lab File: VU035575.D
 Acq: 30 Oct 2019 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6DL

Tgt Ion:180 Resp: 10443
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.0 115.4
 184 31.8 24.6 36.8
 145 29.8 21.7 32.5

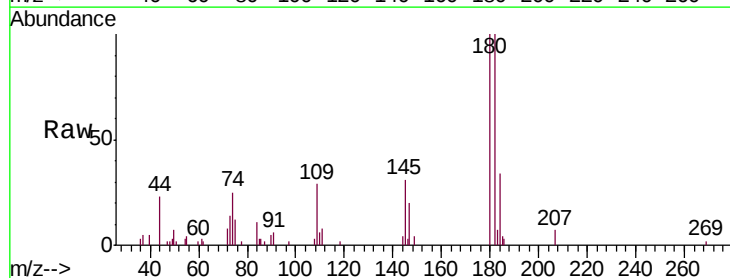


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

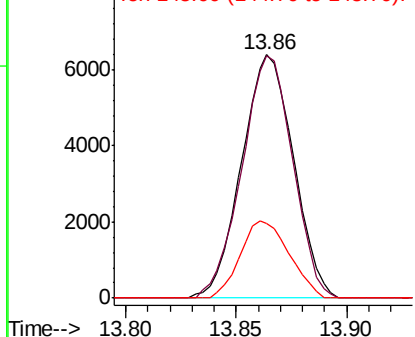
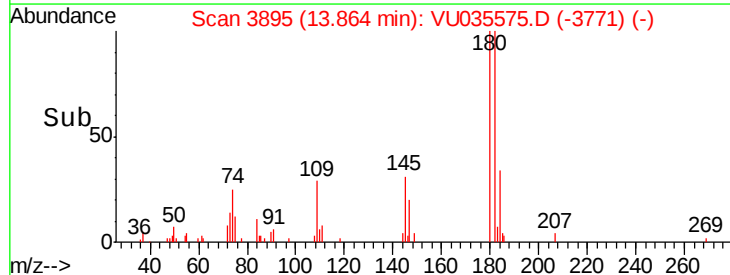


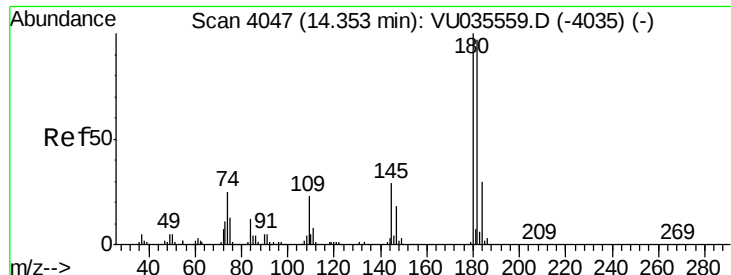
#68
 1,2,4-trichlorobenzene
 Concen: 4.287 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035575.D
 Acq: 30 Oct 2019 20:57

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

Tgt Ion:180 Resp: 6917
 Ion Ratio Lower Upper
 180 100
 182 87.4 77.6 116.4
 145 26.8 23.4 35.0

