

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035672.D
 Acq On : 07 Nov 2019 20:08
 Operator : JC/SP
 Sample : K5739-02 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CQ9

Quant Time: Nov 08 07:28:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	710212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	698633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	273616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	273536	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.38%
7) Chloroethane-d5	1.93	69	227774	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.44%
11) 1,1-Dichloroethene-d2	2.59	63	323301	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	4.69	46	343599	102.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.55%
24) Chloroform-d	5.11	84	434549	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.75	65	273428	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
32) Benzene-d6	5.77	84	927437	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
36) 1,2-Dichloropropane-d6	6.74	67	300784	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.86%
41) Toluene-d8	7.93	98	854632	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%
43) trans-1,3-Dichloropropene-	8.21	79	136035	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.68	63	232675	102.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	406560	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	12.22	152	287868	52.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.32%

Target Compounds

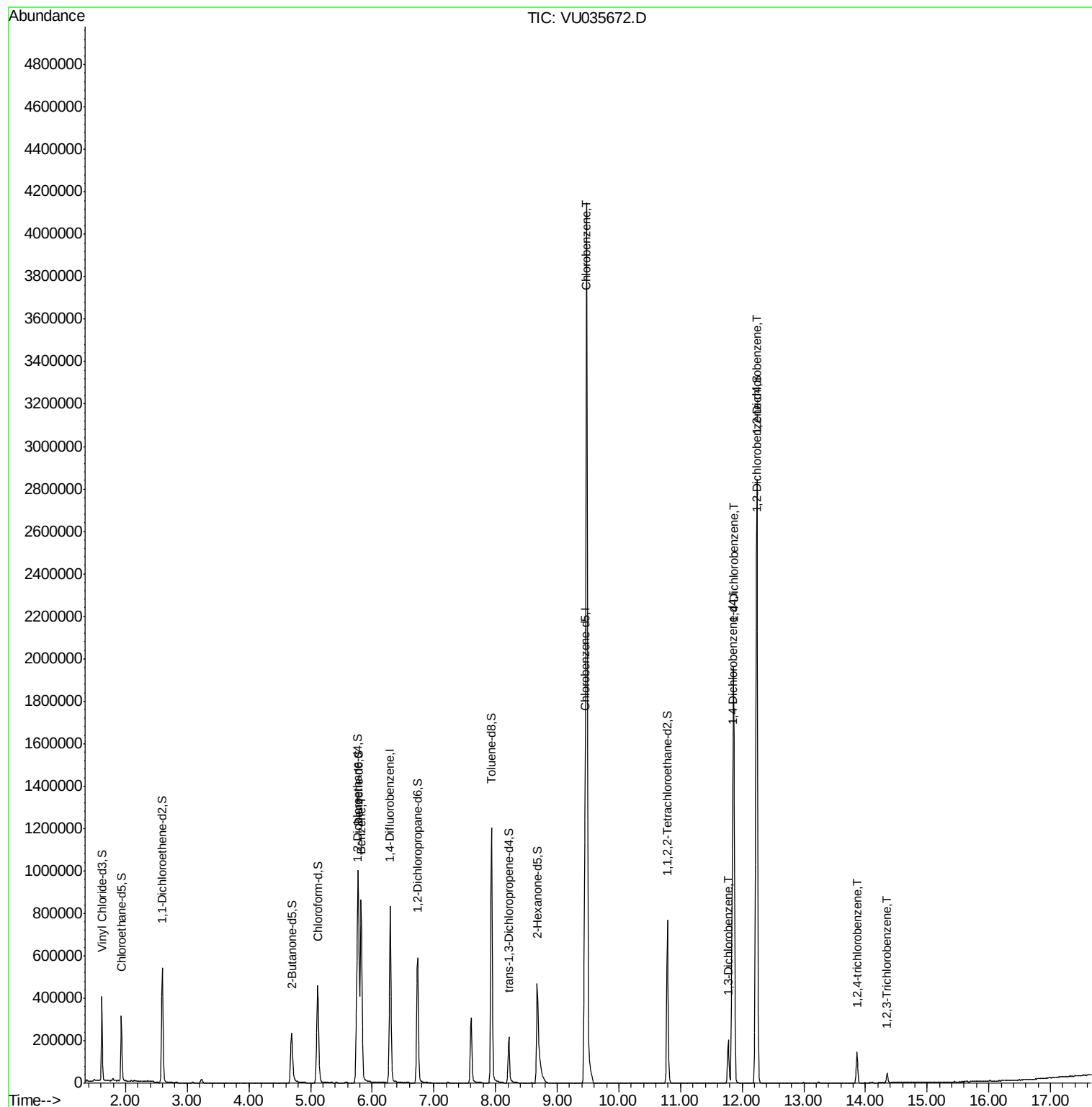
					Ovalue
33) Benzene	5.82	78	841870	42.877 ug/L	100
51) Chlorobenzene	9.48	112	2414897	175.782 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	95754	11.093 ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	855787	97.595 ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	1153017	131.210 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	49482	14.813 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	14581	4.051 ug/L	94

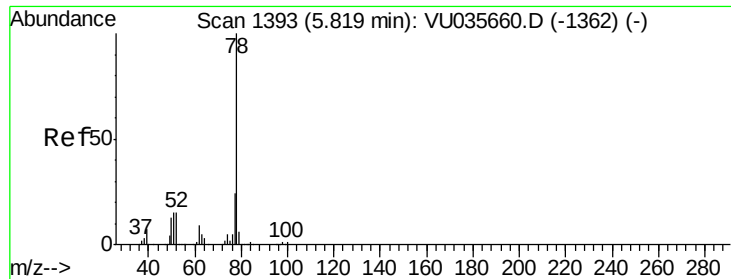
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 08 06:13:27 2019
Response via : Initial Calibration





#33

Benzene

Concen: 42.877 ug/L

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035672.D

Acq: 07 Nov 2019 20:08

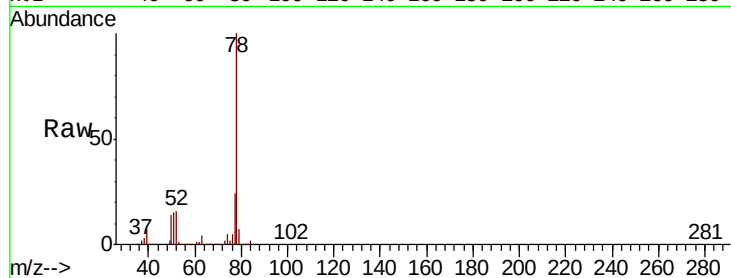
Instrument :

MSVOA_U

ClientSampleId :

C0CQ9

Tgt Ion: 78 Resp: 841870



Abundance Ion 78.00 (77.70 to 78.70): VU0

5.82

400000

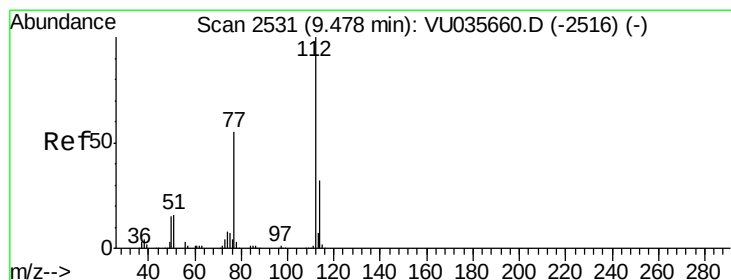
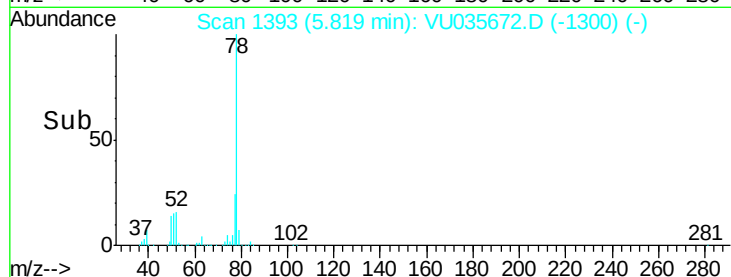
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 175.782 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU035672.D

Acq: 07 Nov 2019 20:08

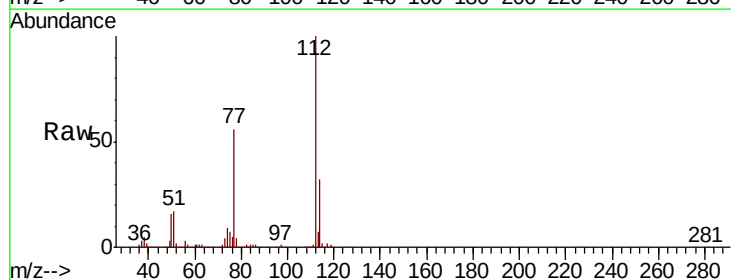
Tgt Ion: 112 Resp: 2414897

Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.3

77 56.4 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

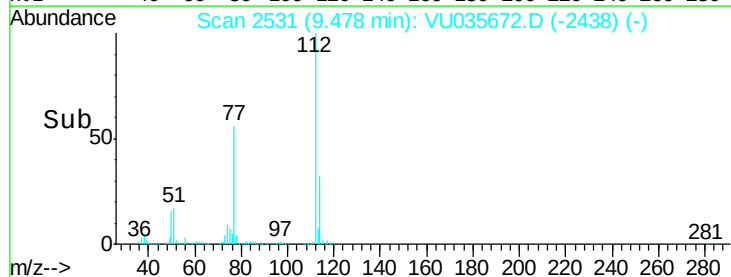
1500000

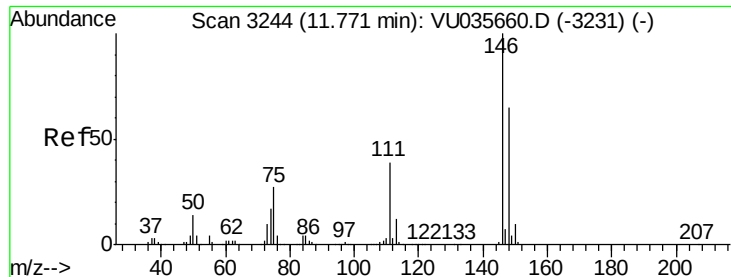
1000000

500000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 11.093 ug/L

RT: 11.77 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VU035672.D

Acq: 07 Nov 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

C0CQ9

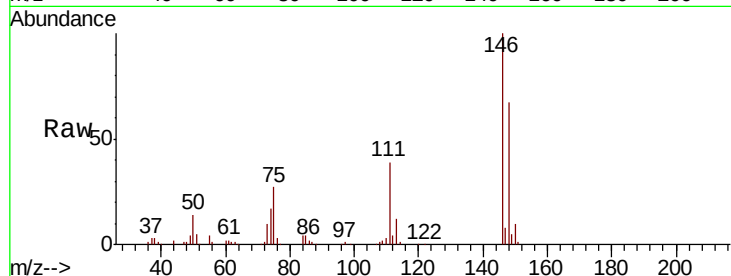
Tot Ion:146 Resp: 95754

Ion Ratio Lower Upper

146 100

111 38.8 27.8 51.6

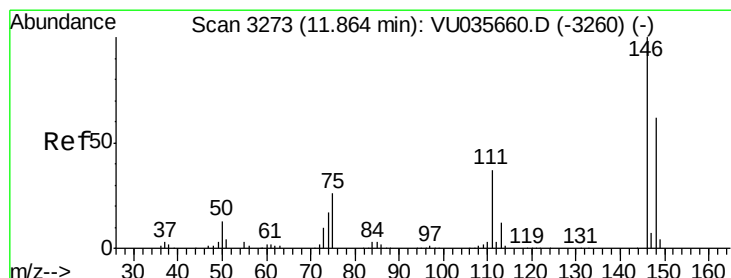
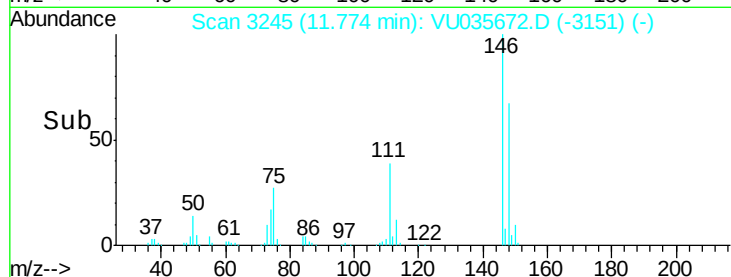
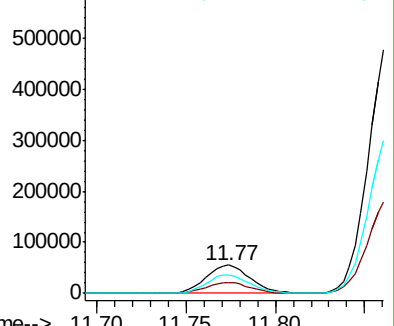
148 66.5 44.5 82.7



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: 97.595 ug/L

RT: 11.86 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VU035672.D

Acq: 07 Nov 2019 20:08

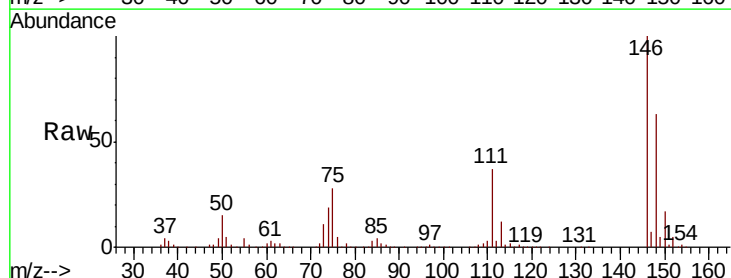
Tgt Ion:146 Resp: 855787

Ion Ratio Lower Upper

146 100

111 37.2 26.5 49.1

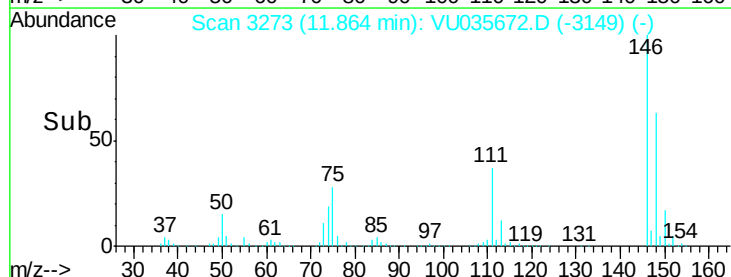
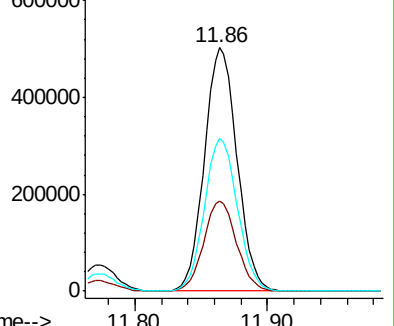
148 62.9 44.4 82.5

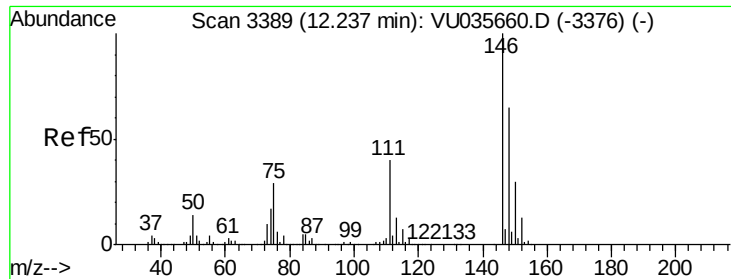


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

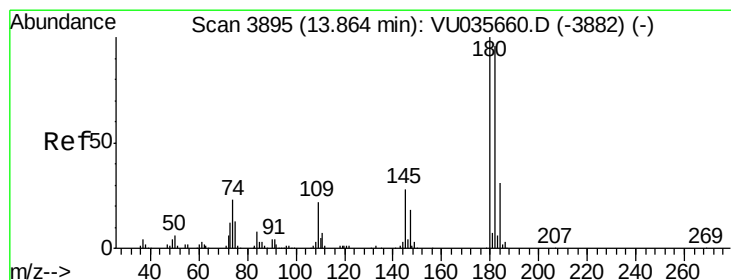
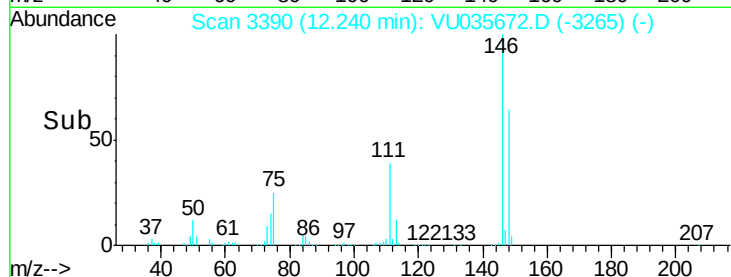
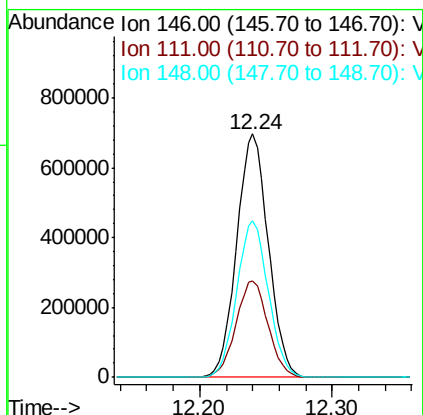
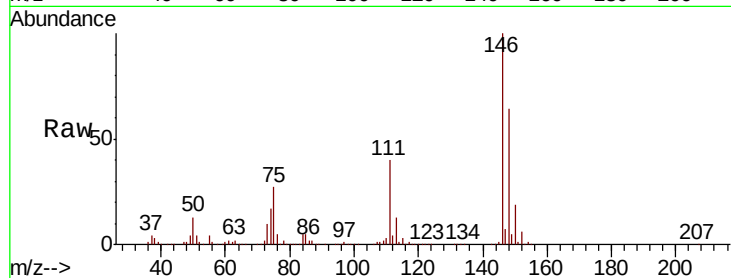




#65
 1,2-Dichlorobenzene
 Concen: 131.210 ug/L
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035672.D
 Acq: 07 Nov 2019 20:08

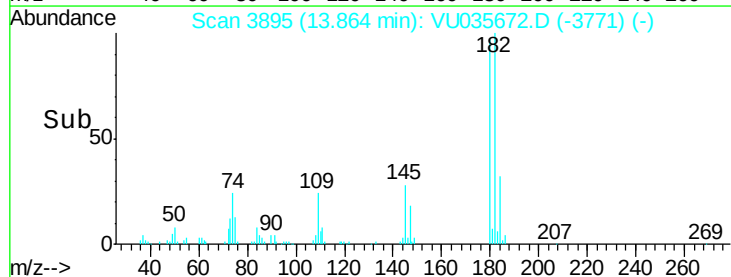
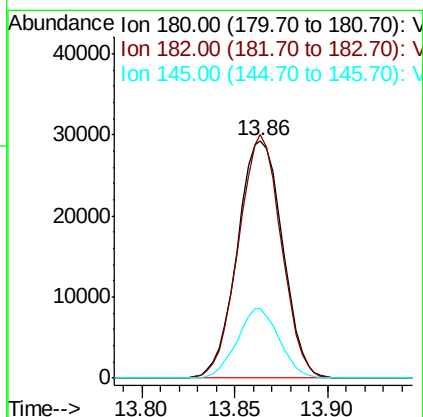
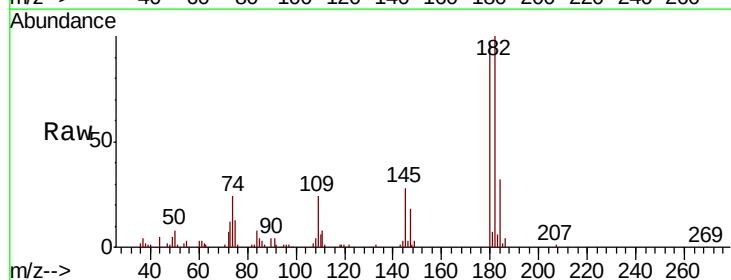
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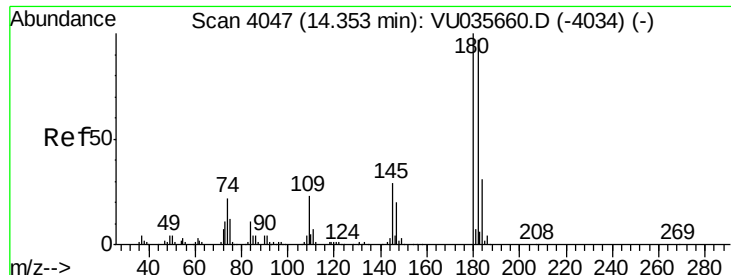
Tot Ion:146 Resp: 1153017
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.4 48.6
 148 64.4 51.8 77.6



#68
 1,2,4-trichlorobenzene
 Concen: 14.813 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035672.D
 Acq: 07 Nov 2019 20:08

Tgt Ion:180 Resp: 49482
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.6 115.0
 145 27.5 21.9 32.9





#70

1,2,3-Trichlorobenzene

Concen: 4.051 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035672.D

Acq: 07 Nov 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

C0CQ9

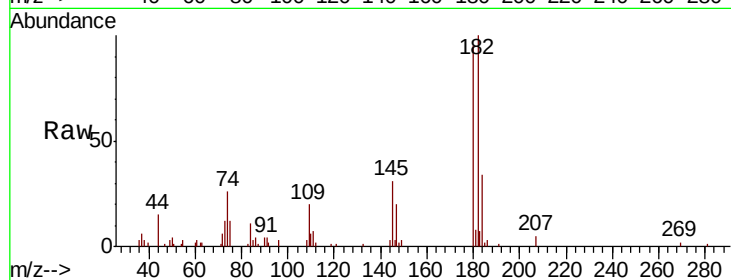
Tot Ion:180 Resp: 14581

Ion Ratio Lower Upper

180 100

182 103.7 77.6 116.4

145 30.6 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

