

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103119\
 Data File : VU035576.D
 Acq On : 30 Oct 2019 21:20
 Operator : JC/SP
 Sample : K5559-02 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6

Quant Time: Oct 31 01:01:00 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	6.29	114	643556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	625593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	246325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	208687	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.30%
7) Chloroethane-d5	1.93	69	182399	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.60	63	255621	31.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.24%
21) 2-Butanone-d5	4.70	46	310099	102.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.13%
24) Chloroform-d	5.12	84	369316	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
26) 1,2-Dichloroethane-d4	5.75	65	242856	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
32) Benzene-d6	5.77	84	778075	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.74	67	258954	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.93	98	689841	44.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.70%
43) trans-1,3-Dichloropropene-	8.22	79	113495	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.68	63	204221	100.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	360165	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	12.22	152	238118	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%

Target Compounds

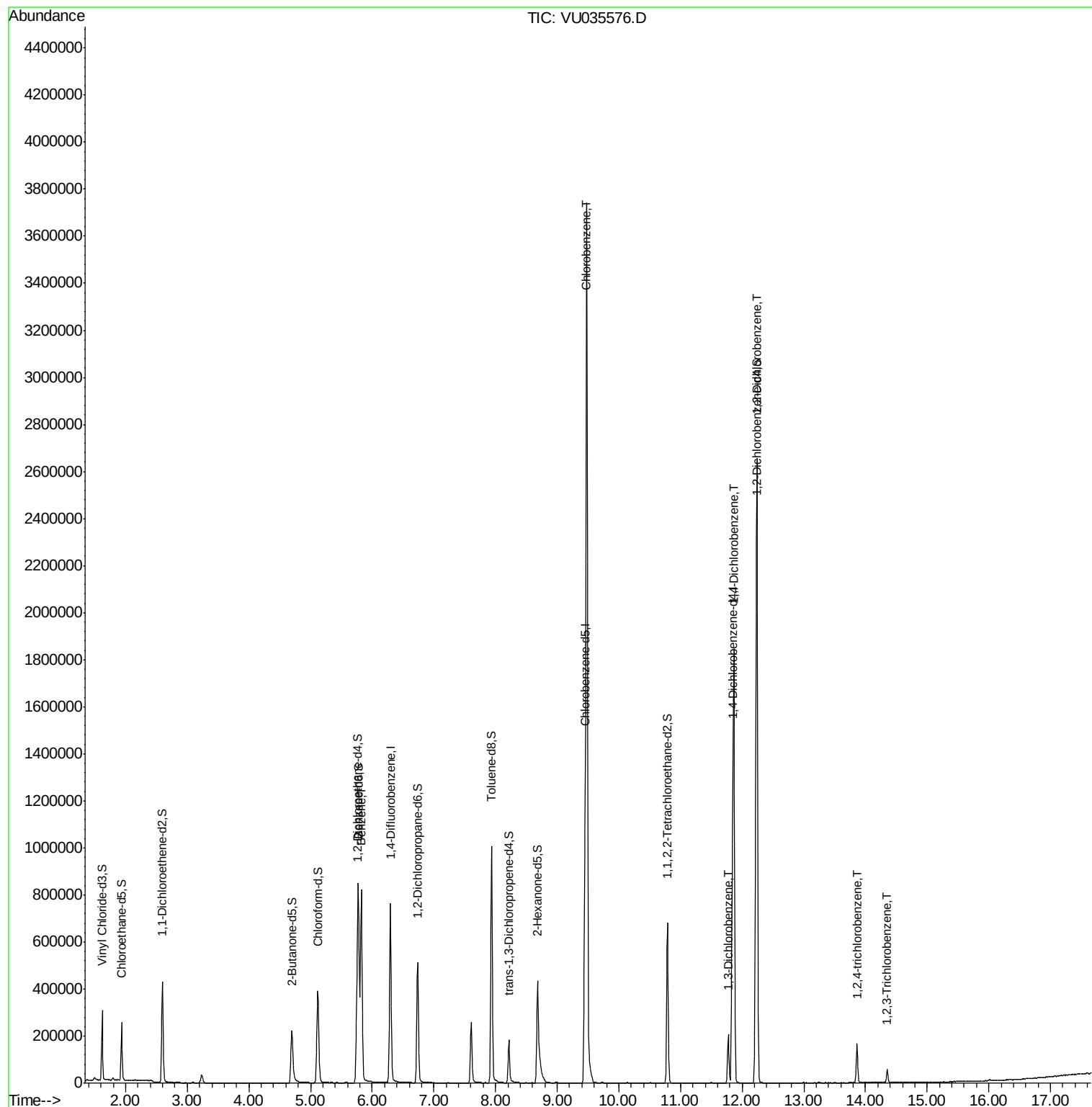
					Ovalue
33) Benzene	5.82	78	790974	44.988	ug/L 100
51) Chlorobenzene	9.48	112	2146258	174.467	ug/L 99
62) 1,3-Dichlorobenzene	11.77	146	94503	12.161	ug/L 99
63) 1,4-Dichlorobenzene	11.86	146	787306	99.733	ug/L 98
65) 1,2-Dichlorobenzene	12.24	146	1076452	136.069	ug/L 99
68) 1,2,4-trichlorobenzene	13.86	180	55635	18.500	ug/L 98
70) 1,2,3-Trichlorobenzene	14.35	180	17861	5.512	ug/L 100

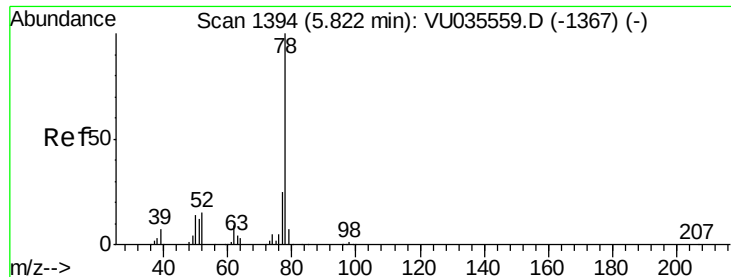
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 00:14:38 2019
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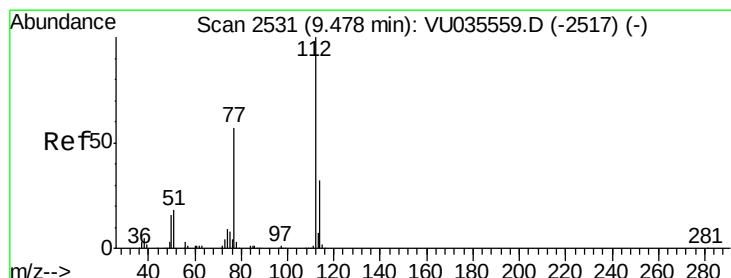
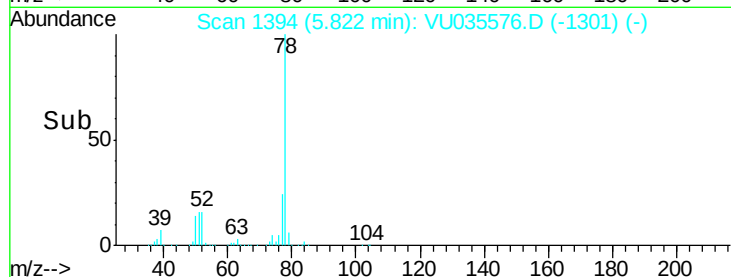
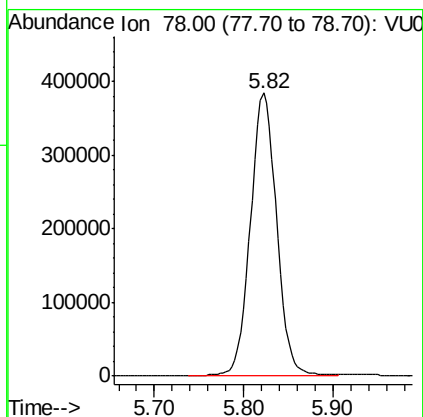
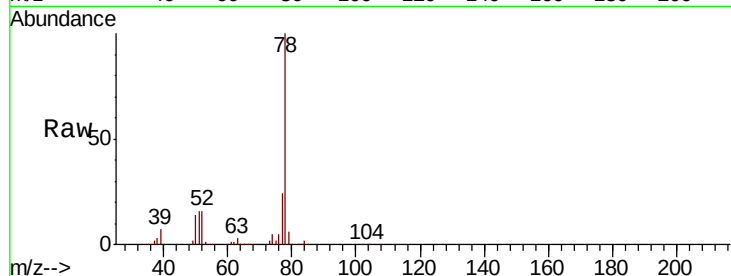




#33
Benzene
Concen: 44.988 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. -0.00 min
Lab File: VU035576.D
Acq: 30 Oct 2019 21:20

Tgt Ion: 78 Resp: 790974

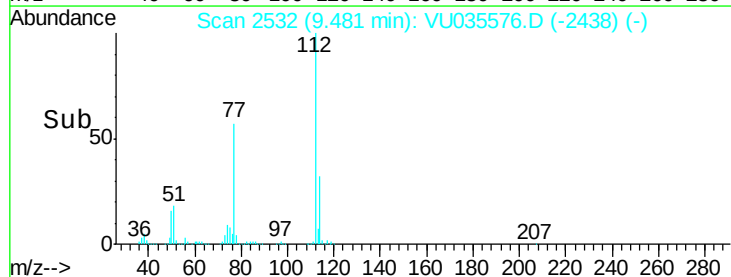
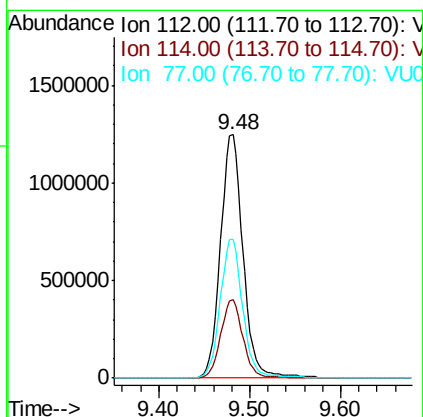
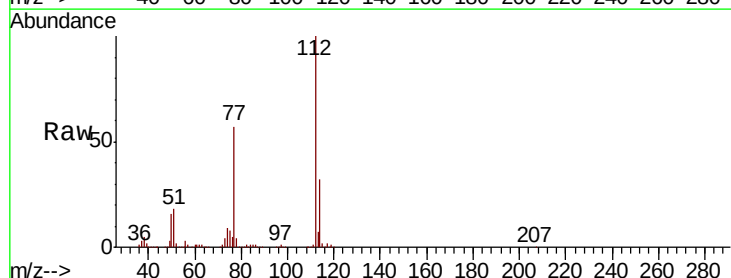
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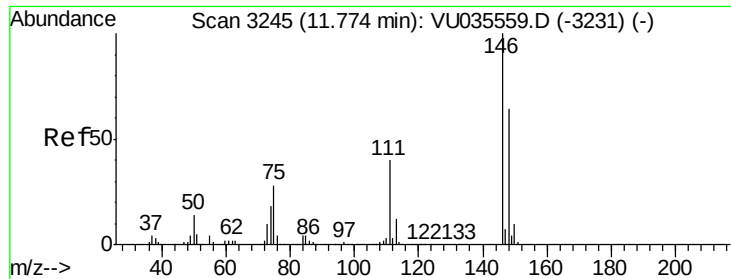


#51
Chlorobenzene
Concen: 174.467 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035576.D
Acq: 30 Oct 2019 21:20

Tgt Ion:112 Resp: 2146258

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.3
77	56.9	45.9	68.9

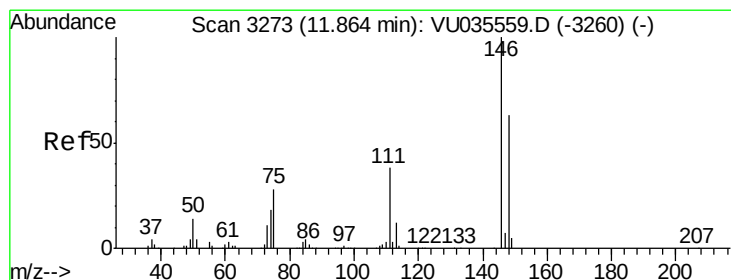
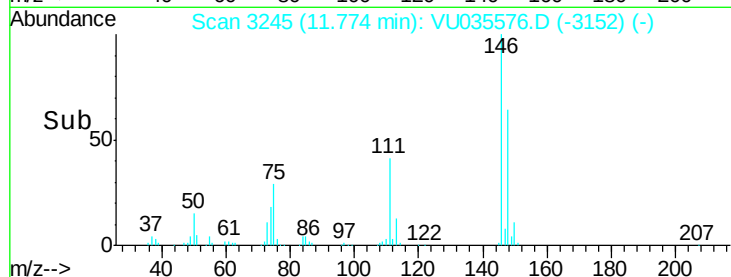
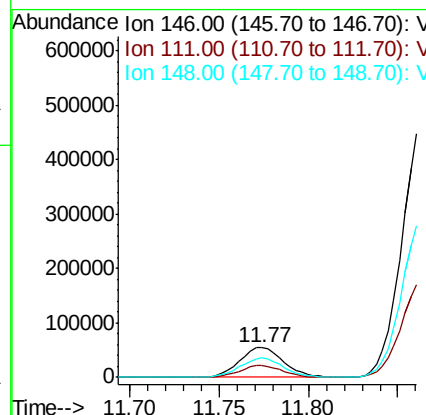
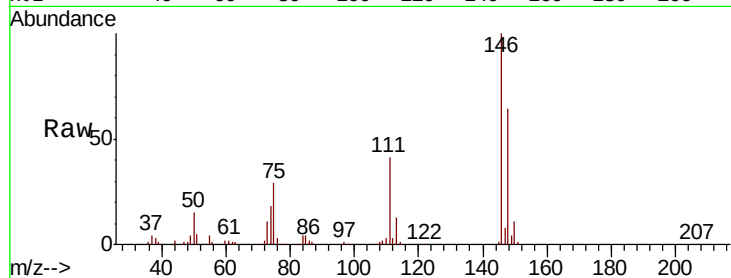




#62
 1,3-Dichlorobenzene
 Concen: 12.161 ug/L
 RT: 11.77 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VU035576.D
 Acq: 30 Oct 2019 21:20

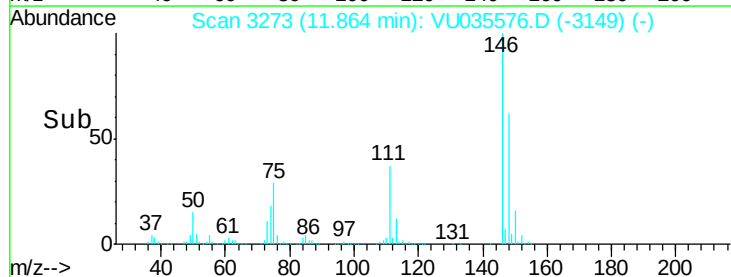
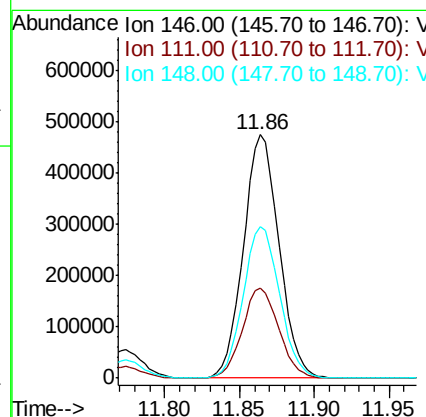
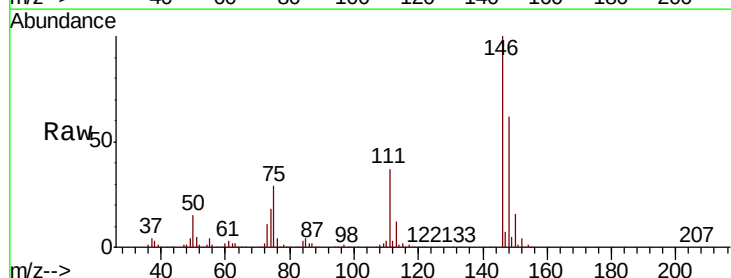
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6

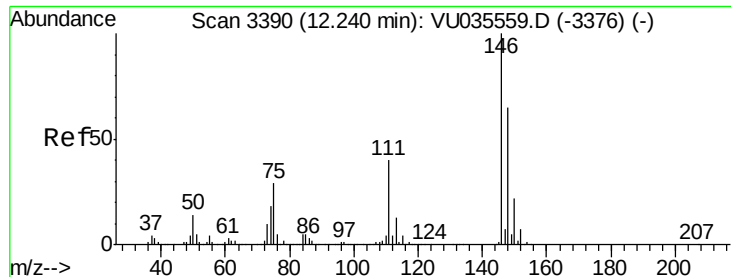
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	27.8	51.6
148	64.5	44.5	82.7



#63
 1,4-Dichlorobenzene
 Concen: 99.733 ug/L
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035576.D
 Acq: 30 Oct 2019 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.5	49.1
148	62.1	44.4	82.5



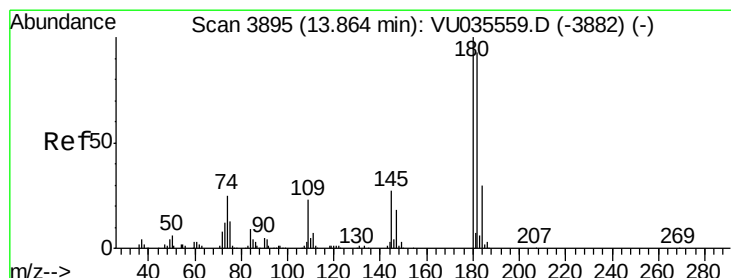
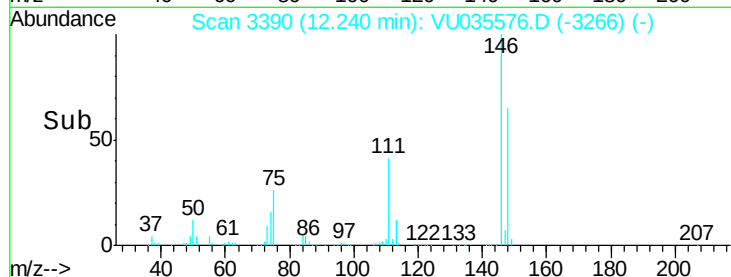
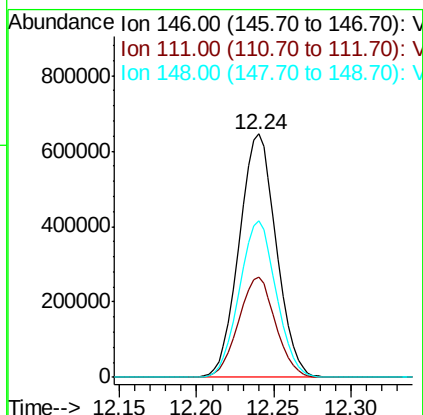
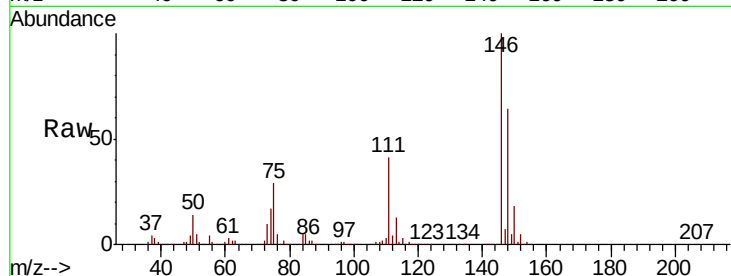


#65
 1,2-Dichlorobenzene
 Concen: 136.069 ug/L
 RT: 12.24 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VU035576.D
 Acq: 30 Oct 2019 21:20

Instrument :
 MSVOA_U
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 C0CP6

Tot Ion:146 Resp: 1076452

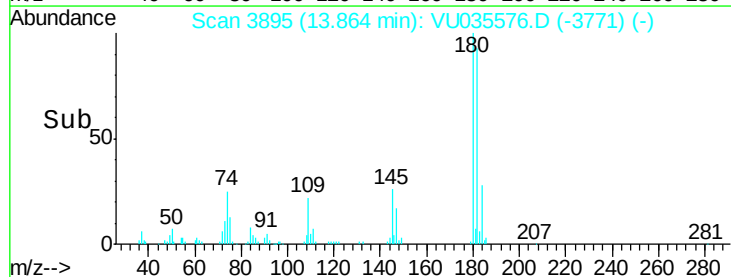
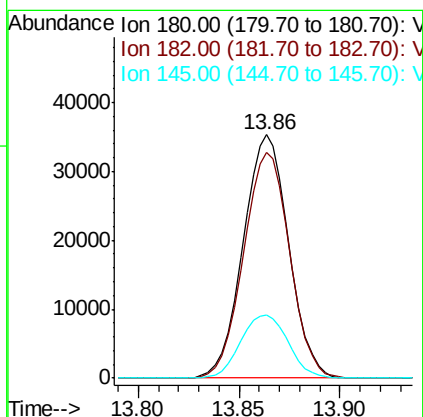
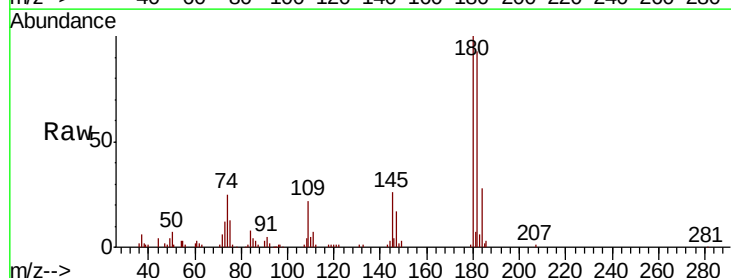
Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.4	48.6
148	64.3	51.8	77.6

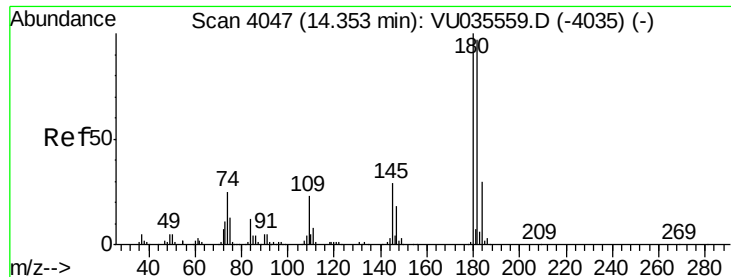


#68
 1,2,4-trichlorobenzene
 Concen: 18.500 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035576.D
 Acq: 30 Oct 2019 21:20

Tgt Ion:180 Resp: 55635

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	115.0
145	26.9	21.9	32.9

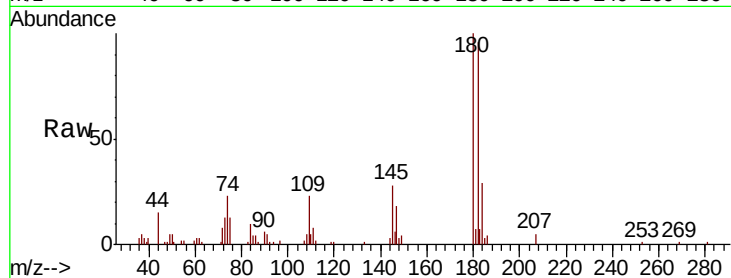




#70
 1,2,3-Trichlorobenzene
 Concen: 5.512 ug/L
 RT: 14.35 min Scan# 4047
 Delta R.T. -0.00 min
 Lab File: VU035576.D
 Acq: 30 Oct 2019 21:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6

Tot Ion	180	Resp	17861
Ion Ratio	Lower	Upper	
180	100		
182	97.3	77.6	116.4
145	29.3	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

