

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037951.D
 Acq On : 30 Apr 2020 15:02
 Operator : JC/MD
 Sample : L2395-01 800X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 02:19:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	743231	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	725472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	328551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	314359	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.18%
7) Chloroethane-d5	1.93	69	258270	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.59	63	388817	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	4.66	46	459314	89.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.89%
24) Chloroform-d	5.10	84	451572	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.74	65	332067	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
32) Benzene-d6	5.76	84	1036432	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.72	67	341947	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.92	98	937897	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	8.20	79	157250	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.65	63	313209	101.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	461772	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	323978	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

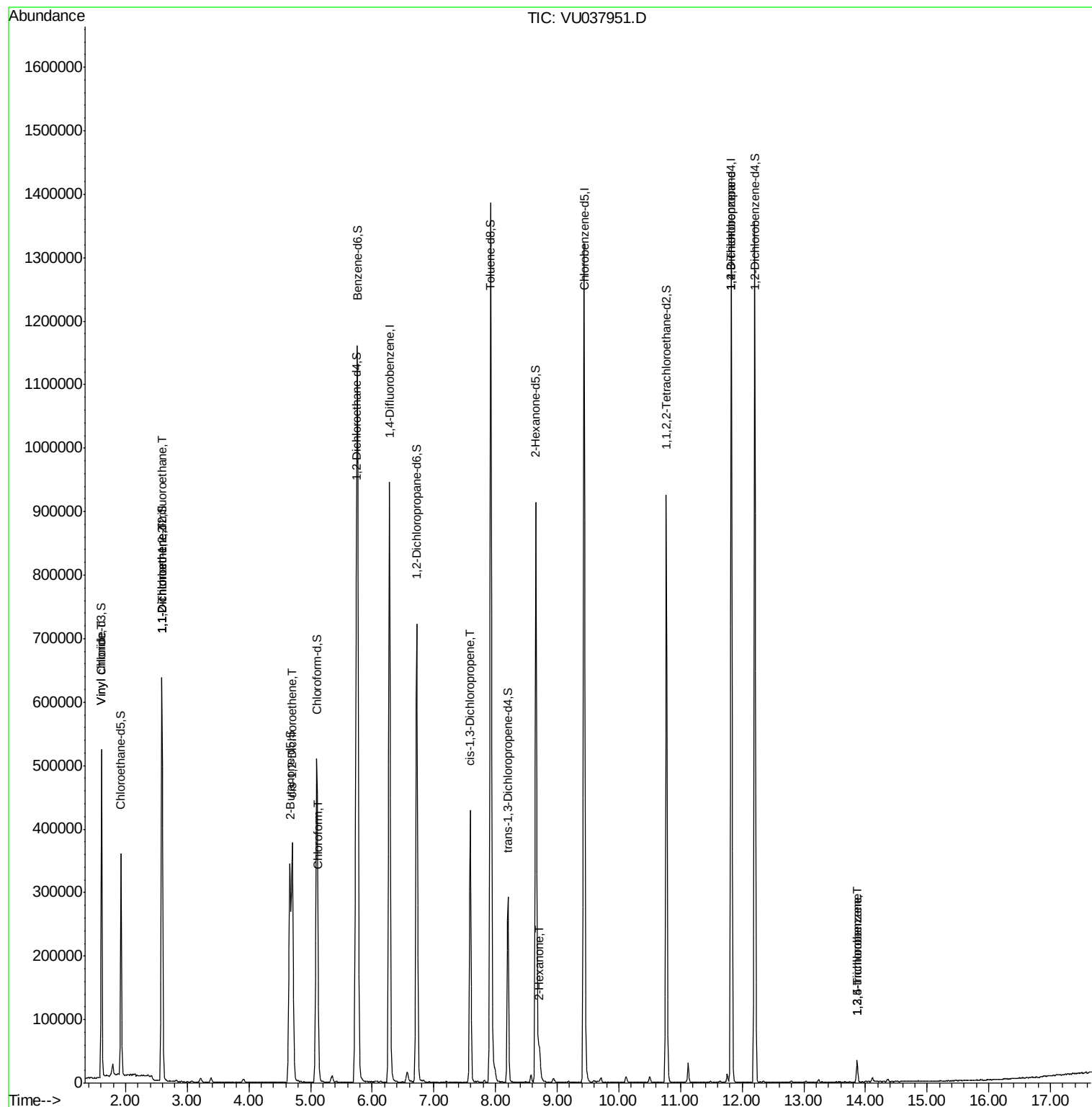
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	40727	5.469	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3461	0.728	ug/L #	24
12) 1,1-Dichloroethene	2.60	96	12839	2.638	ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	169157	29.109	ug/L	99
25) Chloroform	5.13	83	27569	2.743	ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	9175	0.987	ug/L #	53
48) 2-Hexanone	8.71	43	37574	4.641	ug/L	95
59) 1,2,3-Trichloropropane	11.82	75	46713	5.556	ug/L	91
67) 1,3,5-Trichlorobenzene	13.87	180	9791	1.365	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	9791	1.424	ug/L	100

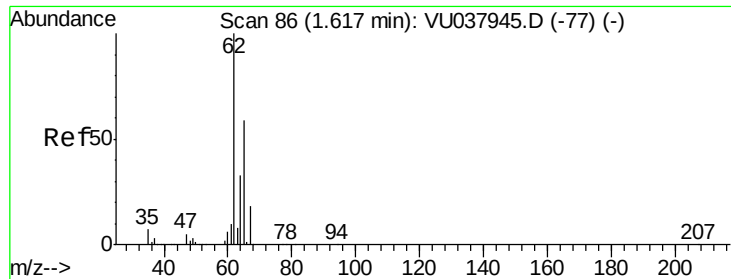
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.469 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037951.D

Acq: 30 Apr 2020 15:02

Instrument :

MSVOA_U

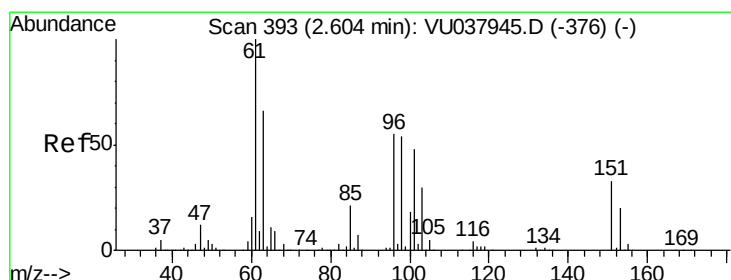
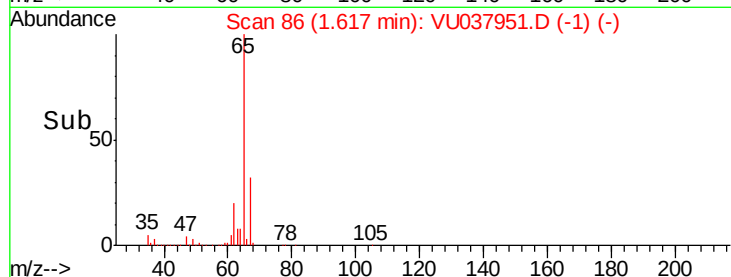
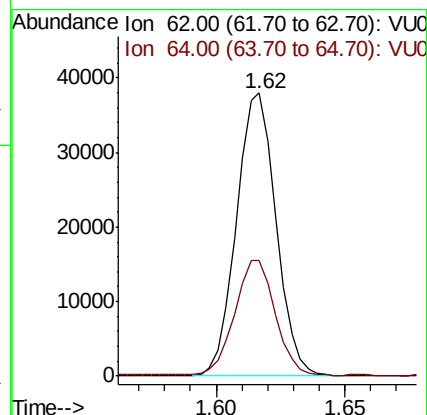
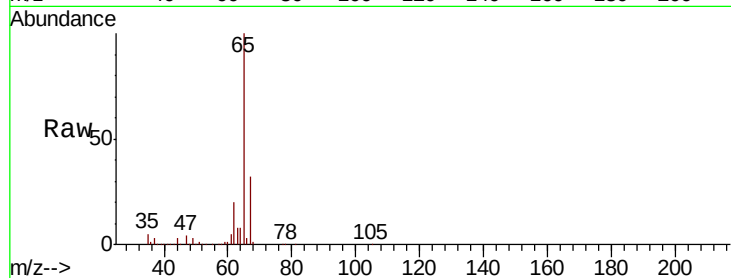
ClientSampleId :

Tot Ion: 62 Resp: 40727

Ion Ratio Lower Upper

62 100

64 41.1 23.2 43.2



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.728 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037951.D

Acq: 30 Apr 2020 15:02

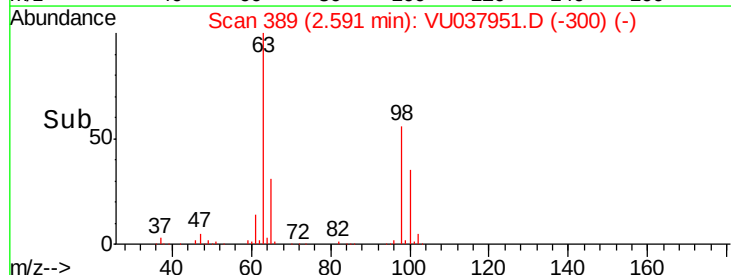
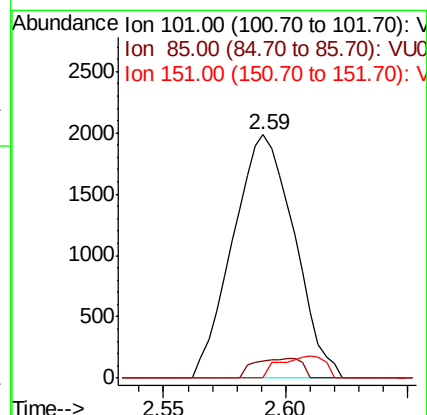
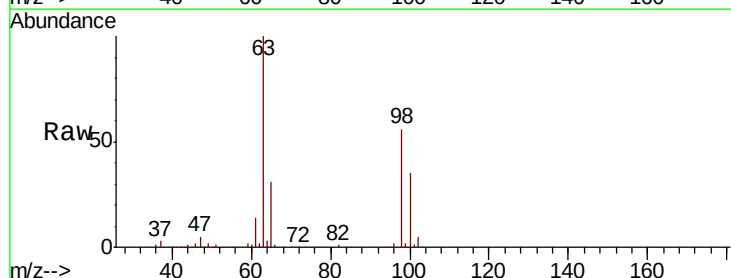
Tgt Ion: 101 Resp: 3461

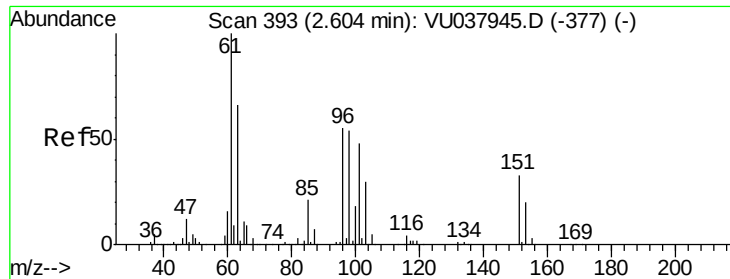
Ion Ratio Lower Upper

101 100

85 0.0 34.7 52.1#

151 2.1 53.4 80.2#

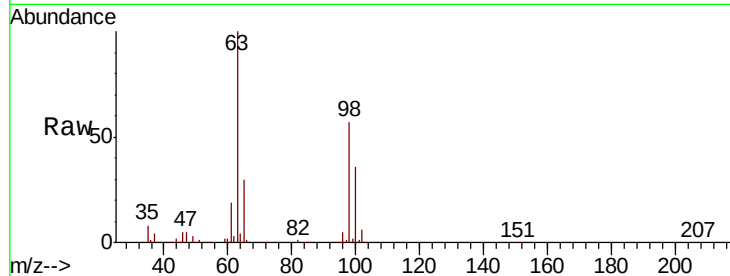




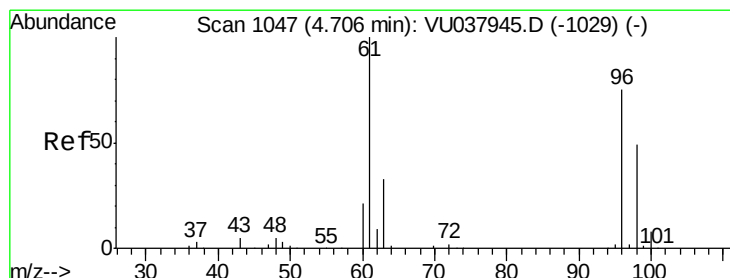
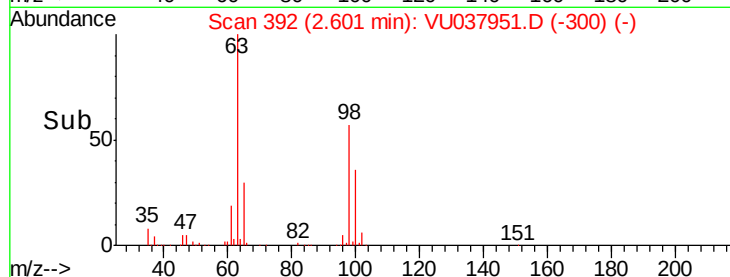
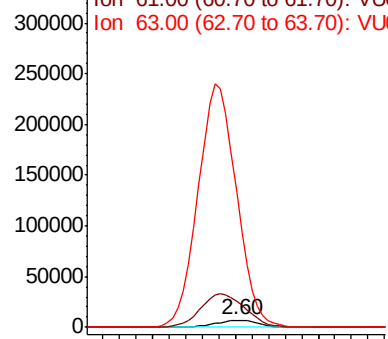
#12
 1,1-Dichloroethene
 Concen: 2.638 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 12839
 Ion Ratio Lower Upper
 96 100
 61 358.1 126.1 234.3#
 63 1845.4 83.4 154.8#

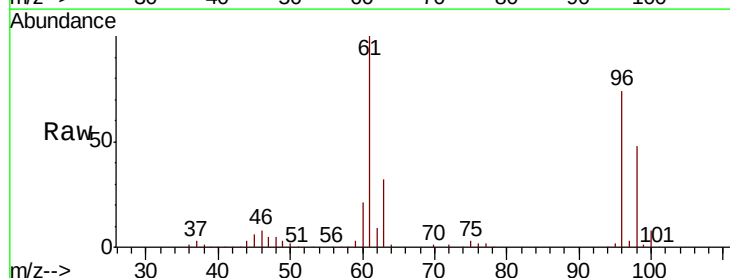


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

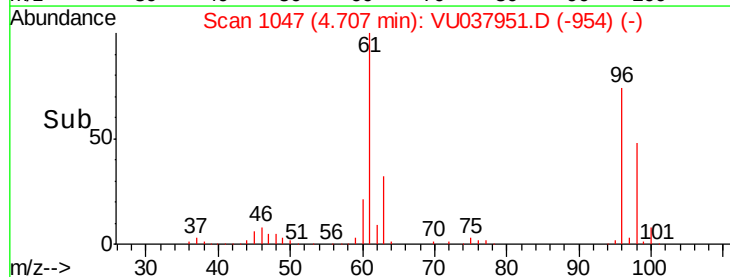
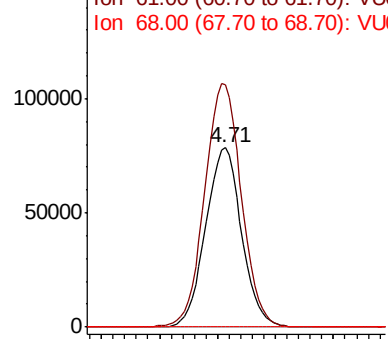


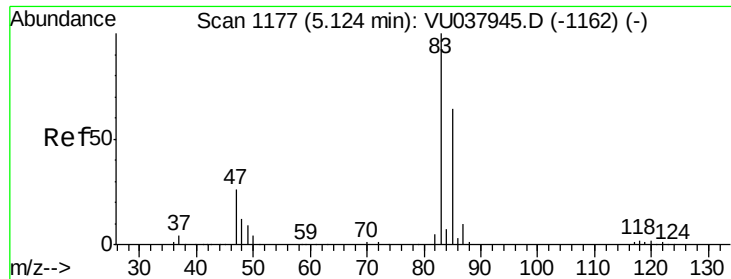
#20
 cis-1,2-Dichloroethene
 Concen: 29.109 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Tgt Ion: 96 Resp: 169157
 Ion Ratio Lower Upper
 96 100
 61 135.2 93.9 174.3
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

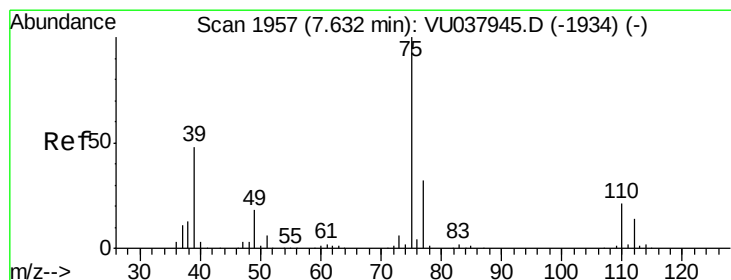
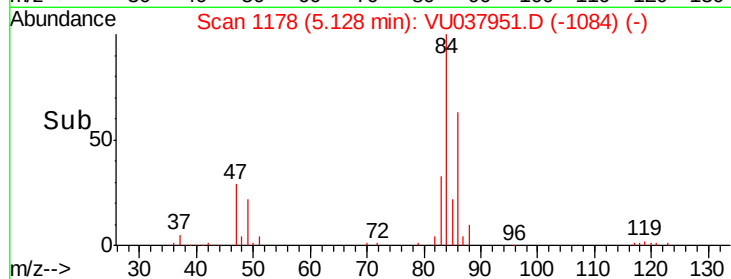
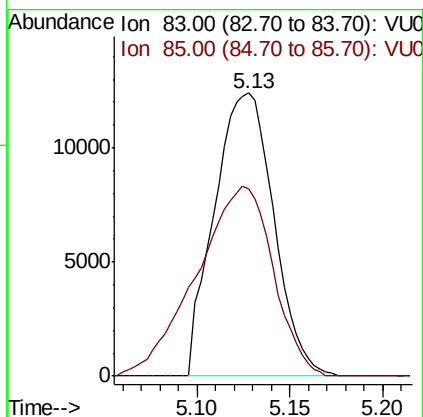
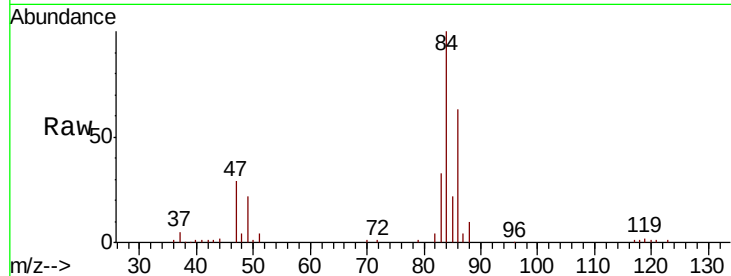




#25
Chloroform
Concen: 2.743 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037951.D
Acq: 30 Apr 2020 15:02

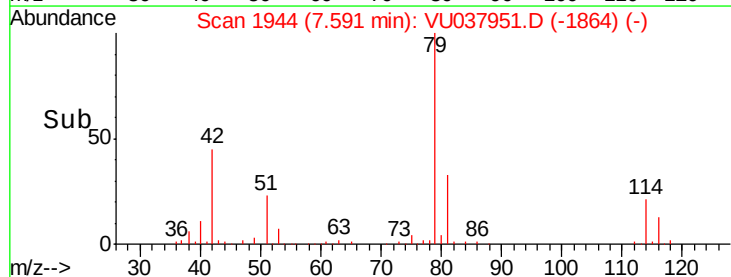
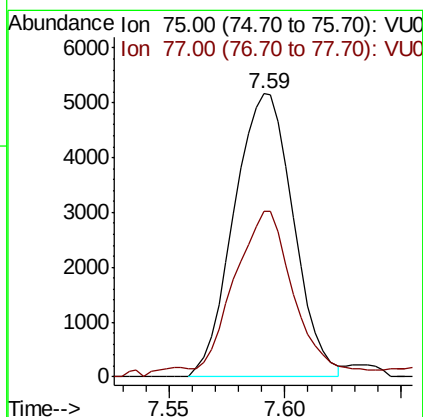
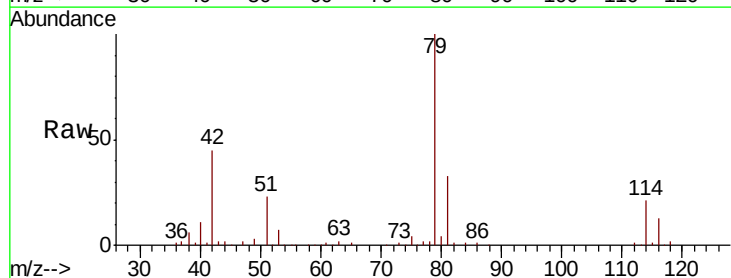
Instrument :
MSVOA_U
ClientSampleId :

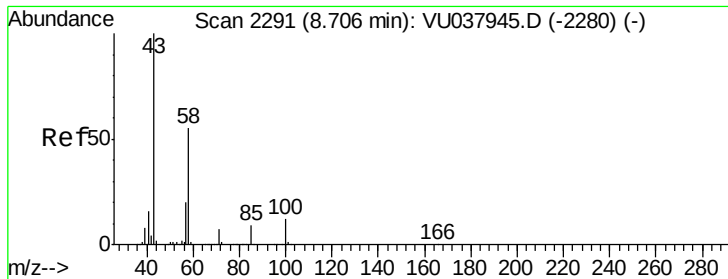
Tot Ion: 83 Resp: 27569
Ion Ratio Lower Upper
83 100
85 66.0 45.0 83.6



#39
cis-1,3-Dichloropropene
Concen: 0.987 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037951.D
Acq: 30 Apr 2020 15:02

Tgt Ion: 75 Resp: 9175
Ion Ratio Lower Upper
75 100
77 58.5 22.6 42.0#

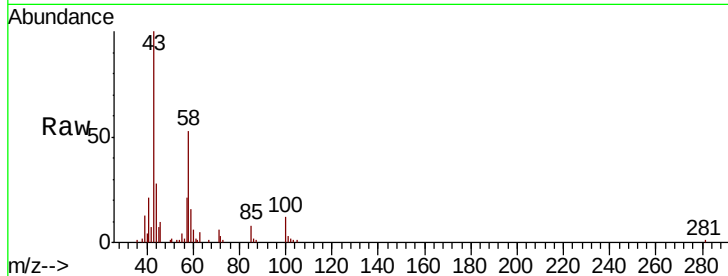




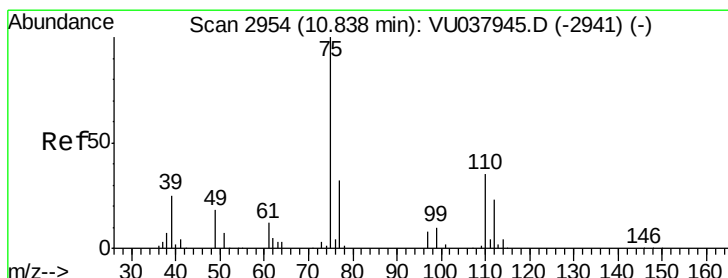
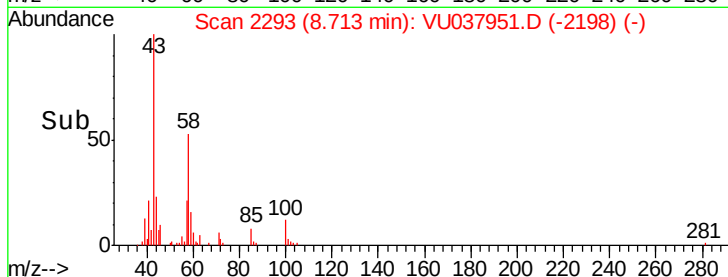
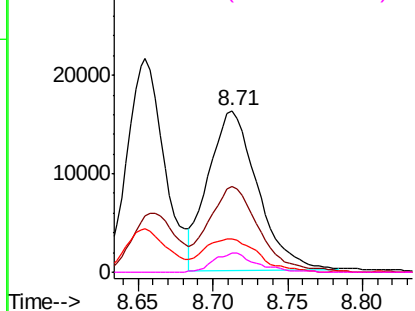
#48
 2-Hexanone
 Concen: 4.641 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	43	Resp:	37574
Ion	Ratio	Lower	Upper
43	100		
58	54.9	46.4	69.6
57	23.2	16.4	24.6
100	10.3	9.5	14.3

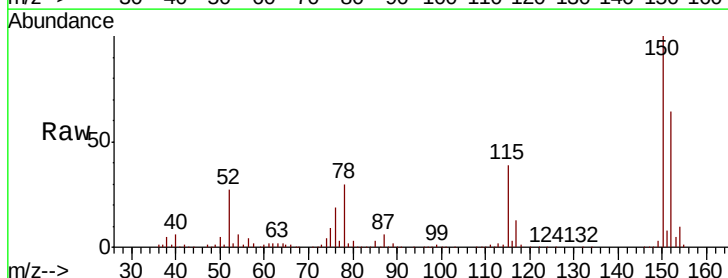


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

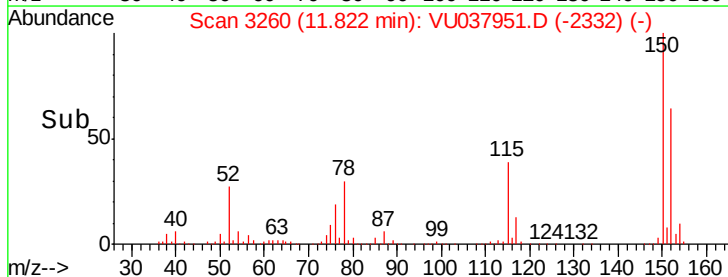
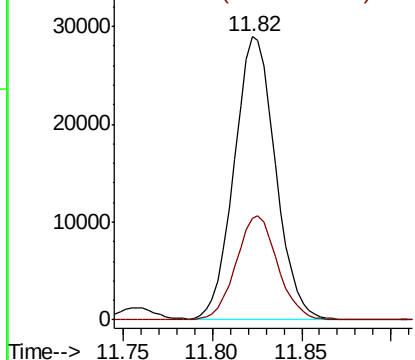


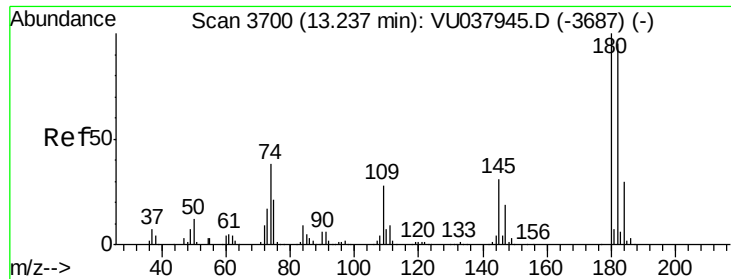
#59
 1,2,3-Trichloropropane
 Concen: 5.556 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Tgt Ion:	75	Resp:	46713
Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.4	38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

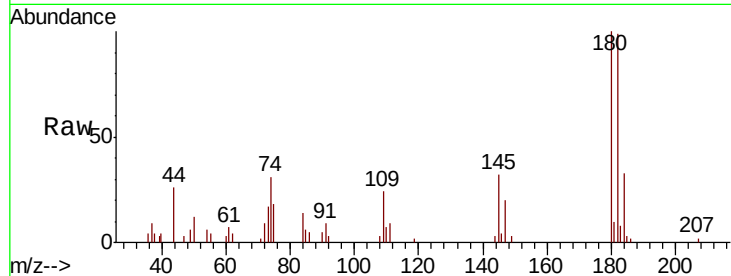




#67
 1,3,5-Trichlorobenzene
 Concen: 1.365 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.63 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180	Resp:	9791	
Ion Ratio	Lower	Upper	
180 100			
182 93.9	75.7	113.5	
184 27.4	24.2	36.2	
145 31.4	24.6	37.0	



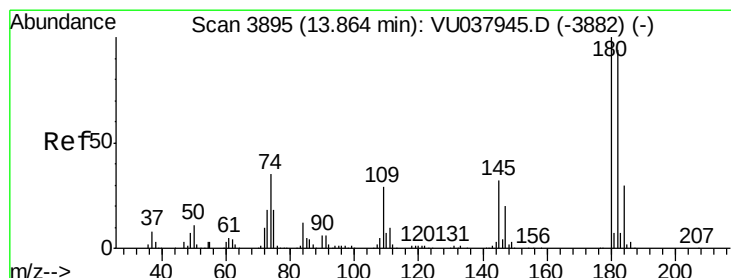
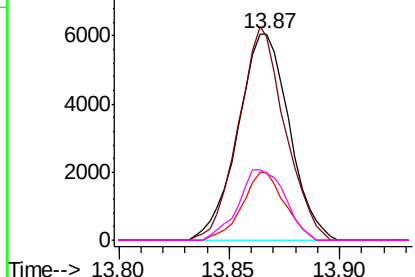
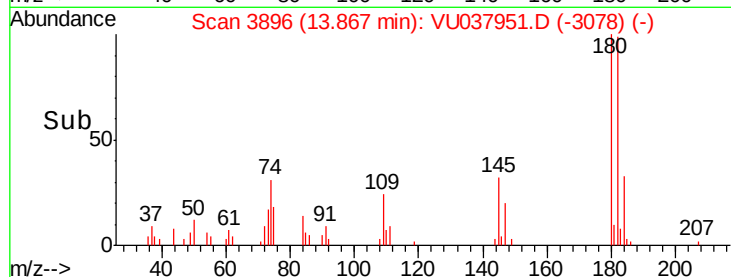
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

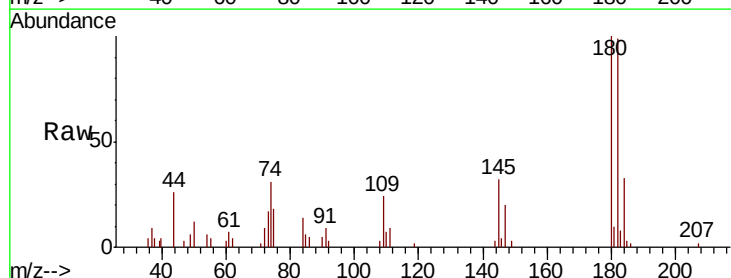
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.424 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU037951.D
 Acq: 30 Apr 2020 15:02

Tgt Ion:180	Resp:	9791	
Ion Ratio	Lower	Upper	
180 100			
182 93.9	75.4	113.0	
145 31.4	25.3	37.9	



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

