

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037954.D
 Acq On : 30 Apr 2020 16:10
 Operator : JC/MD
 Sample : L2395-14DL2 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 02:20:14 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	718074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	700826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	310448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	302995	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.94%
7) Chloroethane-d5	1.93	69	248921	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.90%
11) 1,1-Dichloroethene-d2	2.59	63	378836	36.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.34%
21) 2-Butanone-d5	4.66	46	445950	90.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.34%
24) Chloroform-d	5.10	84	443025	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.74	65	322958	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
32) Benzene-d6	5.76	84	1008614	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.72	67	329386	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.92	98	913443	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	148252	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.65	63	292386	98.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	436527	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	12.20	152	312313	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

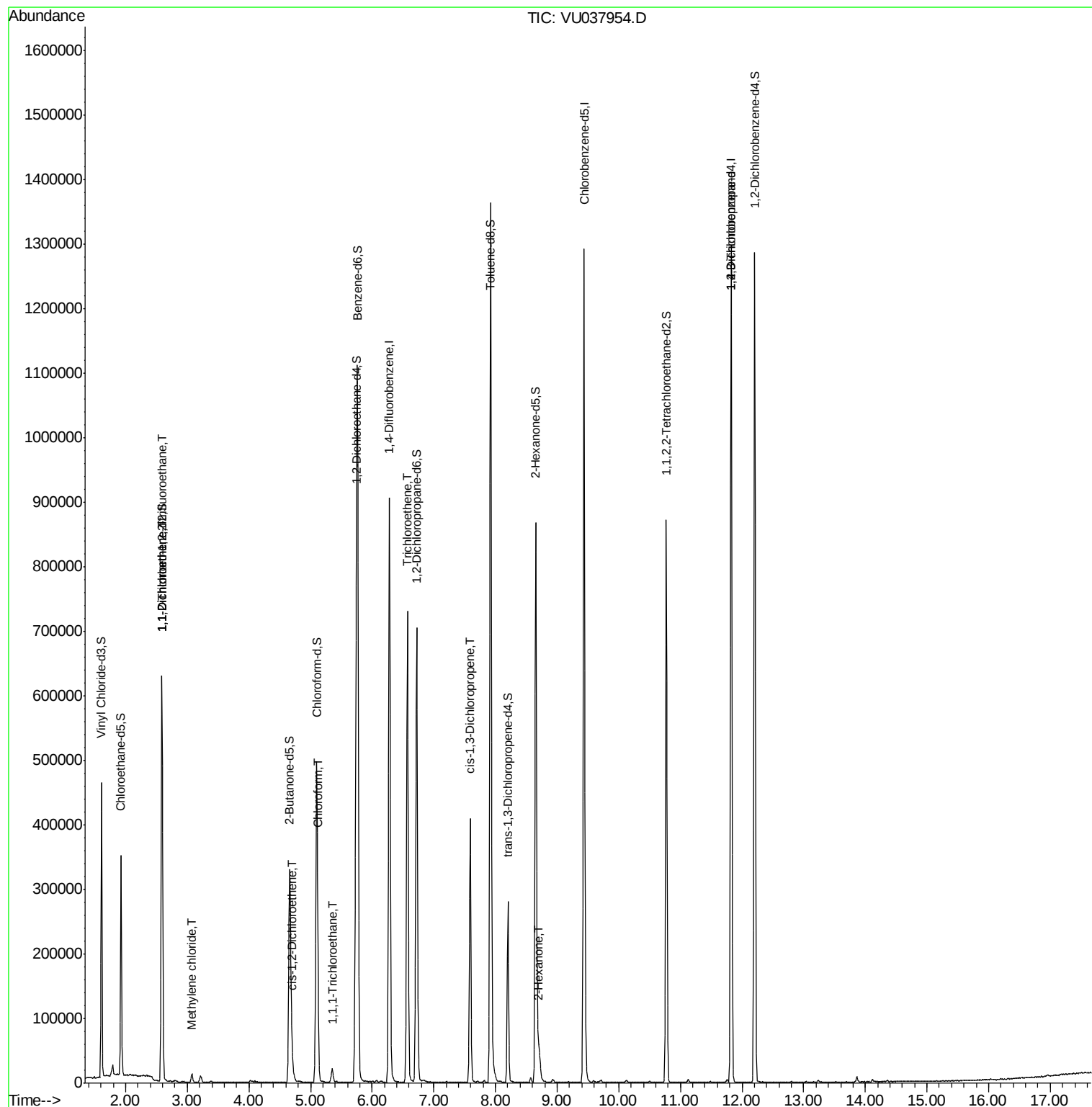
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3418	0.744 ug/L #	27
12) 1,1-Dichloroethene	2.60	96	16726	3.556 ug/L #	1
16) Methylene chloride	3.08	84	5956	1.074 ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	9055	1.613 ug/L	91
25) Chloroform	5.12	83	20473	2.109 ug/L	93
30) 1,1,1-Trichloroethane	5.35	97	14473	1.858 ug/L	97
34) Trichloroethene	6.57	95	245437	46.199 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	8582	0.956 ug/L #	55
48) 2-Hexanone	8.71	43	34540	4.416 ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	45352	5.584 ug/L	94

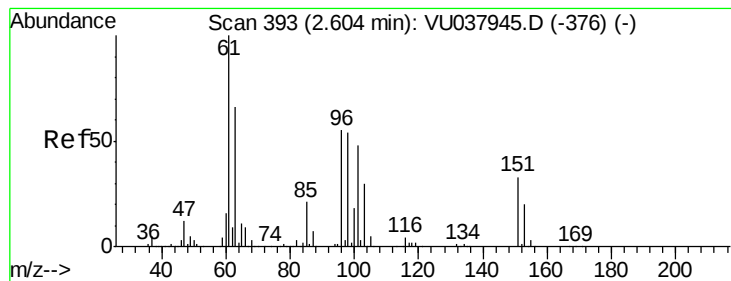
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043020\
Data File : VU037954.D
Acq On : 30 Apr 2020 16:10
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Sample : L2395-14DL2 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 01 02:20:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration





#10

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

Concen: 0.744 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037954.D

Acq: 30 Apr 2020 16:10

Instrument :

MSVOA_U

ClientSampled :

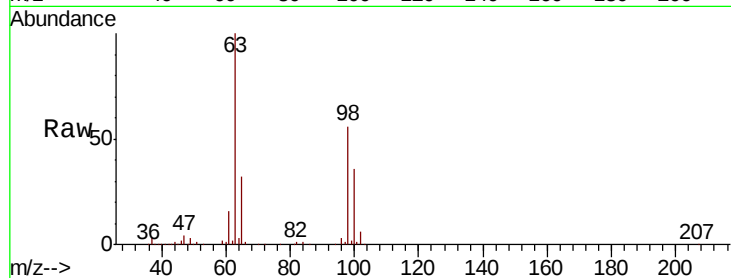
Tot Ion:101 Resp: 3418

Ion Ratio Lower Upper

101 100

85 2.8 34.7 52.1#

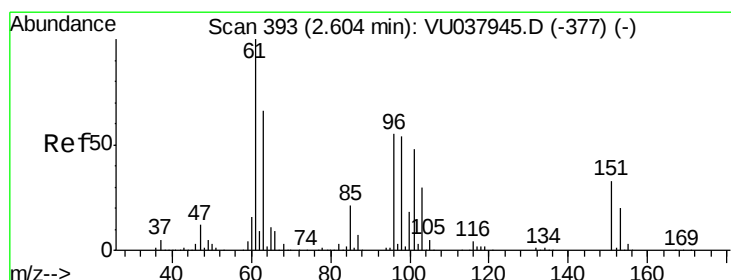
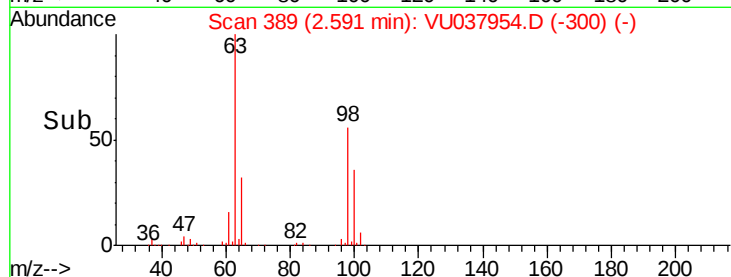
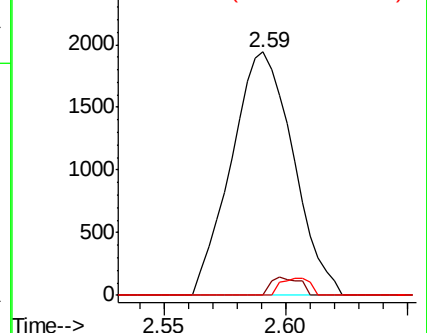
151 3.4 53.4 80.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 3.556 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037954.D

Acq: 30 Apr 2020 16:10

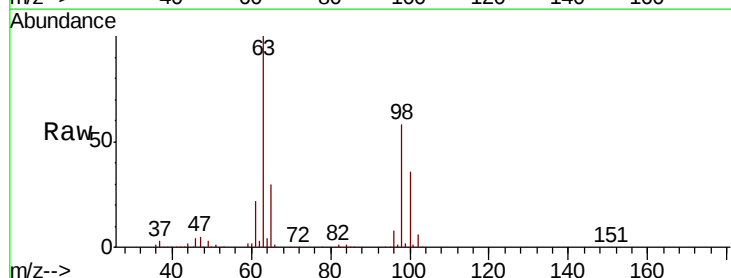
Tgt Ion: 96 Resp: 16726

Ion Ratio Lower Upper

96 100

61 295.4 126.1 234.3#

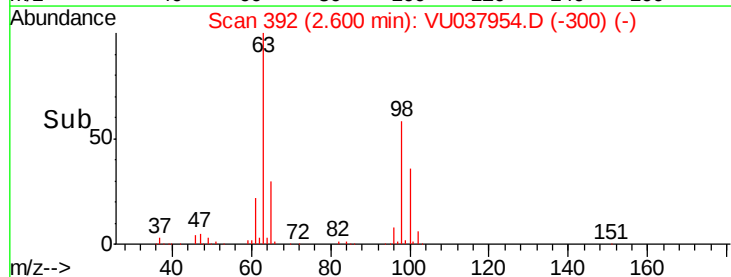
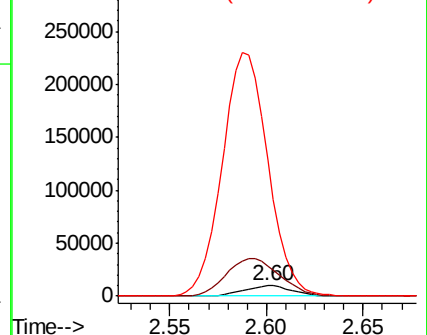
63 1326.1 83.4 154.8#

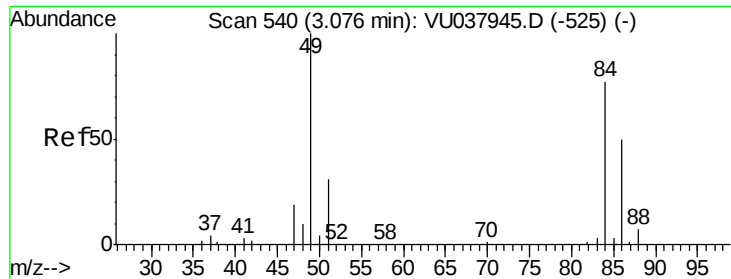


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

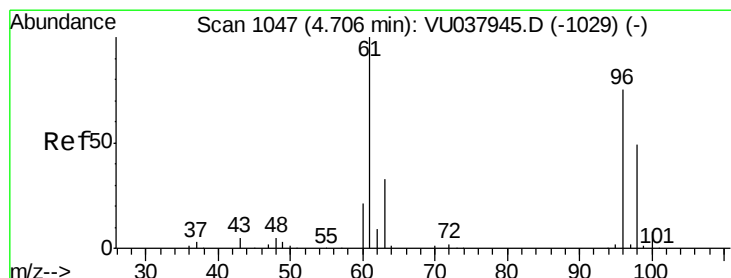
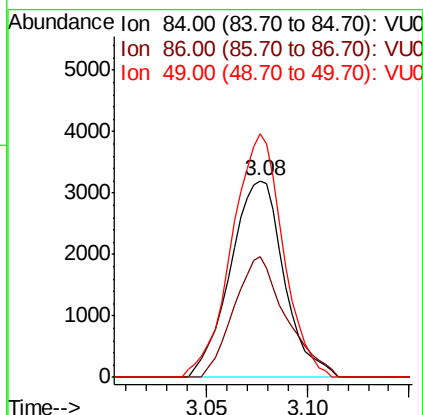
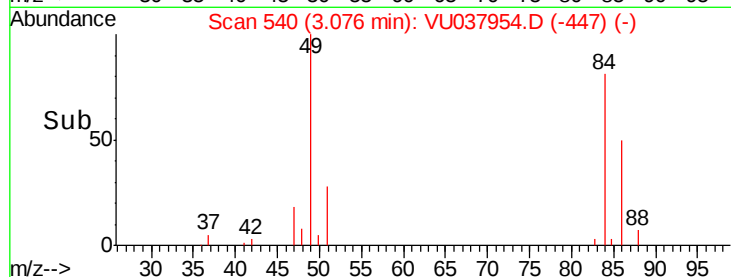
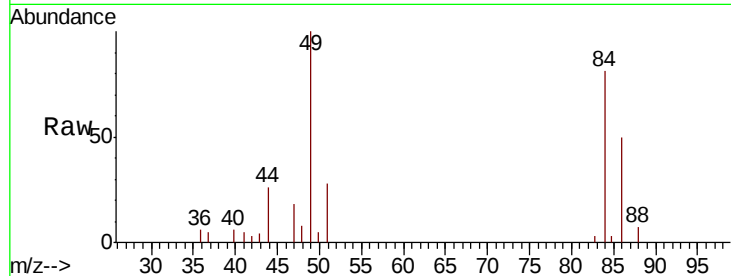




#16
Methvlene chloride
Concen: 1.074 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037954.D
Acq: 30 Apr 2020 16:10

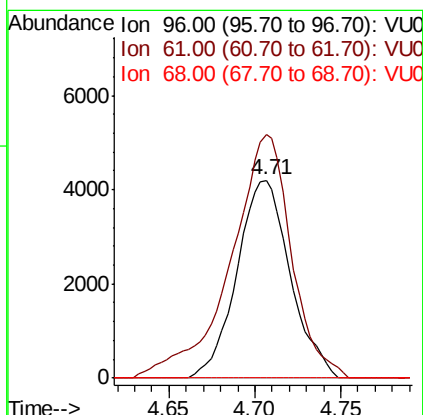
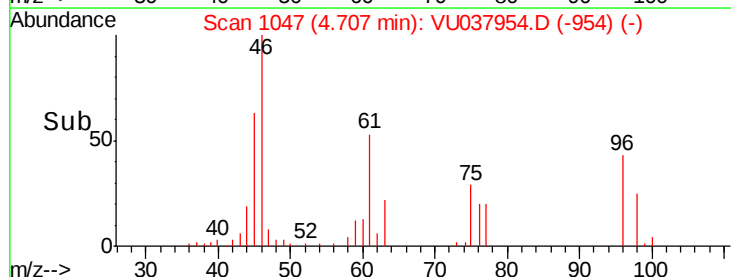
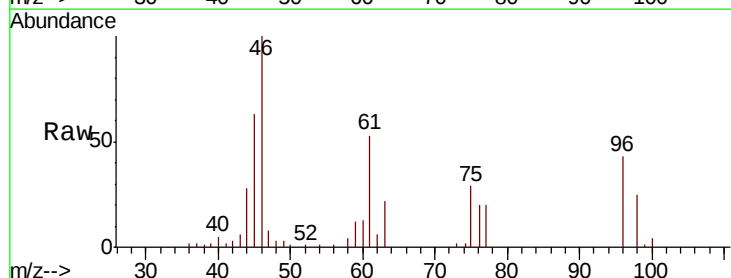
Instrument :
MSVOA_U
ClientSampled :

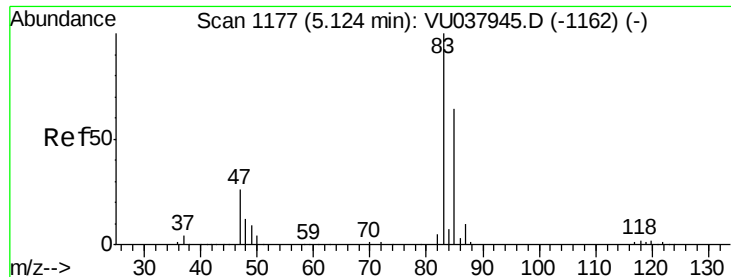
Tot Ion: 84 Resp: 5956
Ion Ratio Lower Upper
84 100
86 61.5 45.1 83.9
49 123.7 91.2 169.4



#20
cis-1,2-Dichloroethene
Concen: 1.613 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU037954.D
Acq: 30 Apr 2020 16:10

Tgt Ion: 96 Resp: 9055
Ion Ratio Lower Upper
96 100
61 123.1 93.9 174.3
68 0.0 0.0 0.0

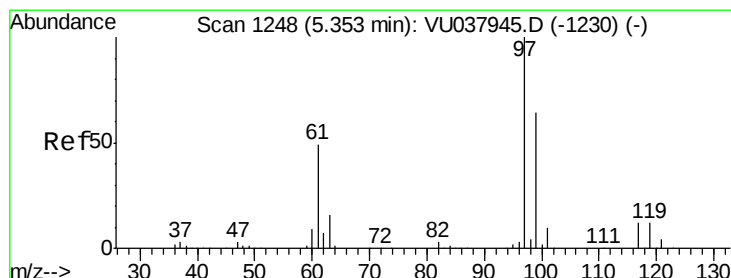
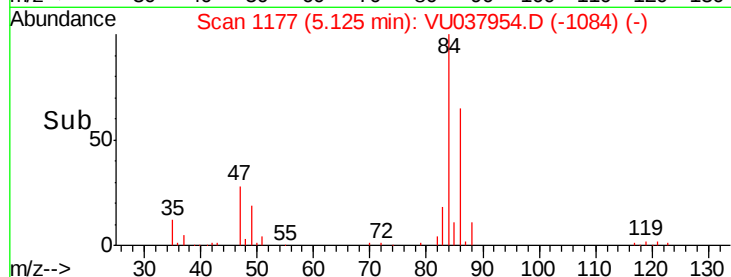
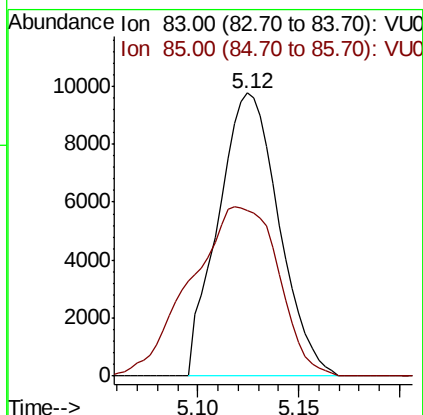
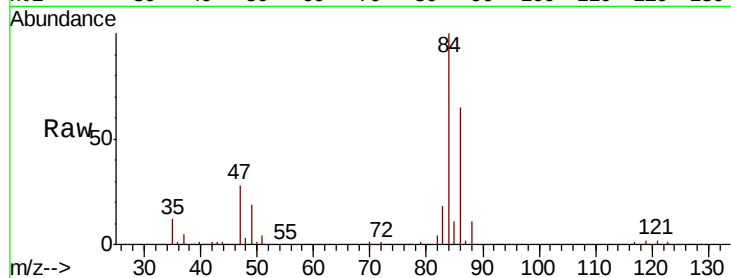




#25
Chloroform
Concen: 2.109 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU037954.D
Acq: 30 Apr 2020 16:10

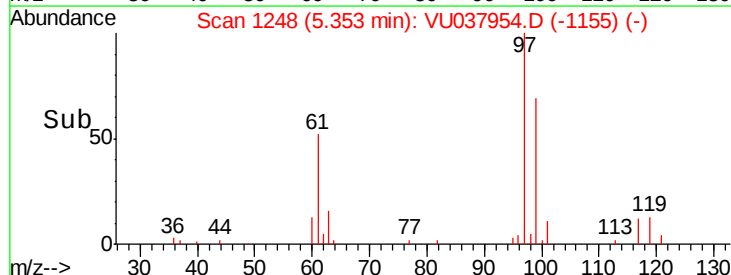
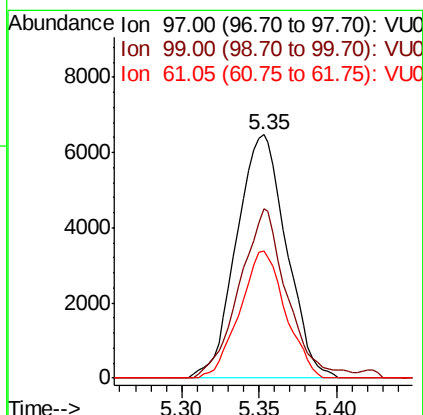
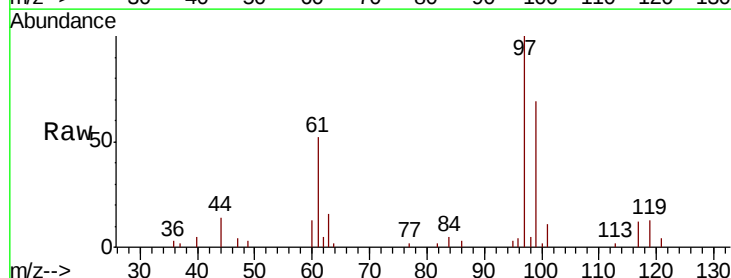
Instrument :
MSVOA_U
ClientSampleId :

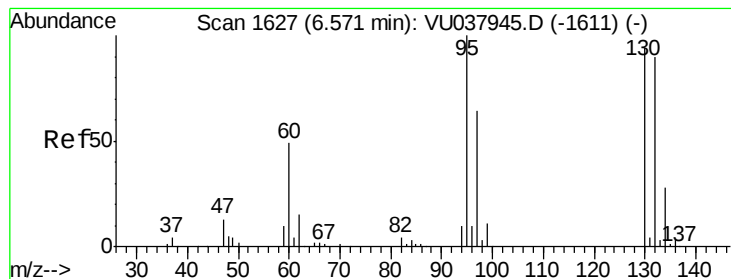
Tot Ion: 83 Resp: 20473
Ion Ratio Lower Upper
83 100
85 58.7 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 1.858 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037954.D
Acq: 30 Apr 2020 16:10

Tgt Ion: 97 Resp: 14473
Ion Ratio Lower Upper
97 100
99 67.0 50.5 75.7
61 47.9 38.8 58.2





#34

Trichloroethene

Concen: 46.199 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037954.D

Acq: 30 Apr 2020 16:10

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 245437

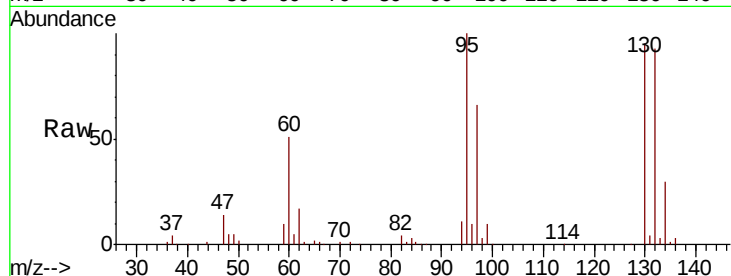
Ion Ratio Lower Upper

95 100

97 65.6 44.9 83.5

132 93.5 63.2 117.4

130 95.0 65.9 122.3

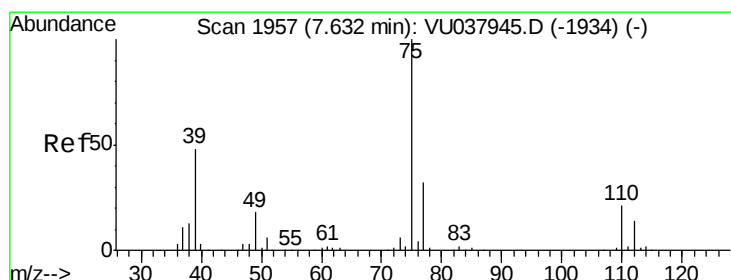
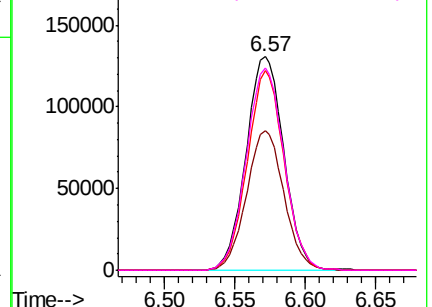
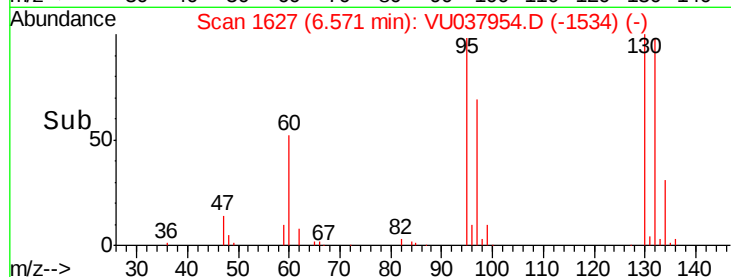


Abundance Ion 95.00 (94.70 to 95.70): VU037945.D (-1611) (-)

Ion 97.00 (96.70 to 97.70): VU037945.D (-1611) (-)

Ion 132.00 (131.70 to 132.70): VU037945.D (-1611) (-)

Ion 130.00 (129.70 to 130.70): VU037945.D (-1611) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU037954.D

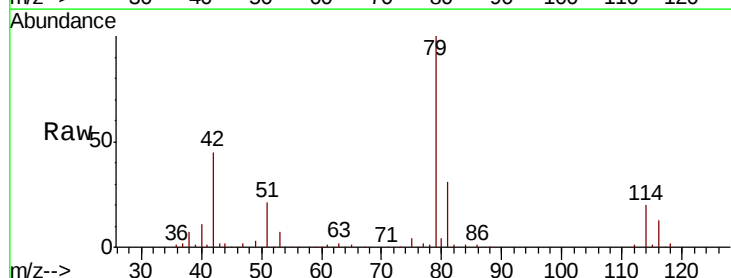
Acq: 30 Apr 2020 16:10

Tgt Ion: 75 Resp: 8582

Ion Ratio Lower Upper

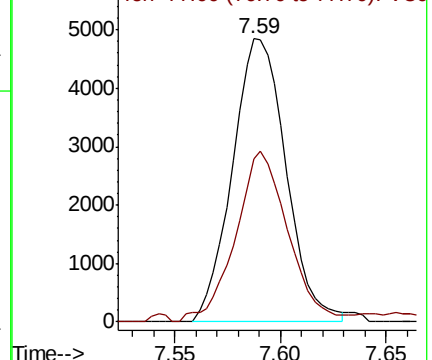
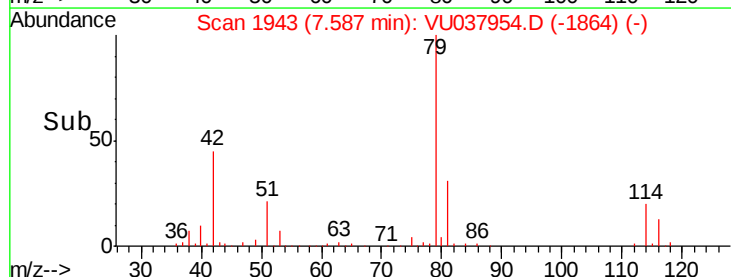
75 100

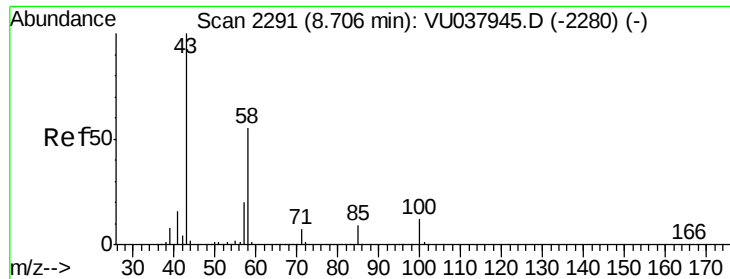
77 57.5 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037945.D (-1934) (-)

Ion 77.00 (76.70 to 77.70): VU037945.D (-1934) (-)

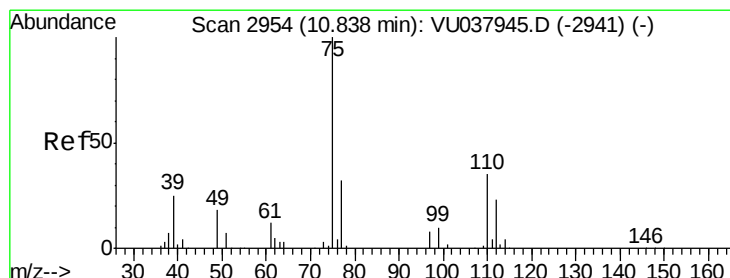
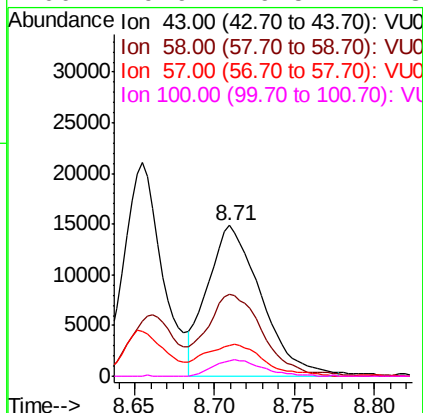
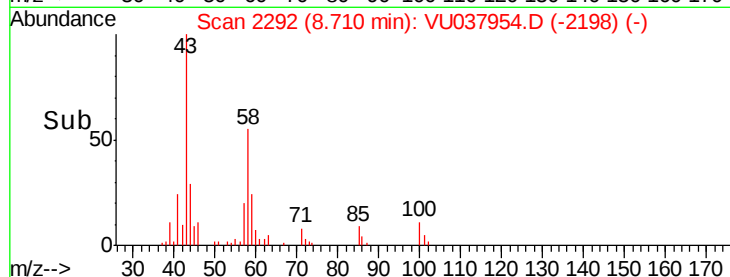
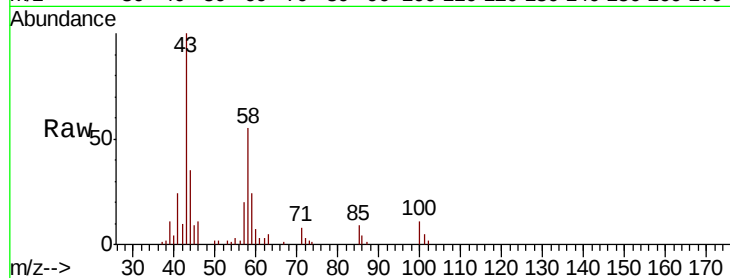




#48
2-Hexanone
Concen: 4.416 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU037954.D
Acq: 30 Apr 2020 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	34540
Ion	Ratio	Lower	Upper
43	100		
58	52.4	46.4	69.6
57	23.2	16.4	24.6
100	9.9	9.5	14.3



#59
1,2,3-Trichloropropane
Concen: 5.584 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU037954.D
Acq: 30 Apr 2020 16:10

Tgt Ion:	75	Resp:	45352
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.4	38.2

