

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037732.D
 Acq On : 15 Apr 2020 14:39
 Operator : JC/MD
 Sample : L2275-23MS
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:27:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258752	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97318	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	82363	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	310809	8.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	178.60%#
20) 2-Butanone-d5	4.66	46	284160	52.84	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	5.10	84	150031	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.74	65	95905	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.76	84	339187	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	112715	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.92	98	312332	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.20	79	48314	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	255816	51.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86651	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	110619	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	316418	17.720	ug/L #	82
13) Acetone	2.65	43	13396	3.778	ug/L	95
25) Chloroform	5.13	83	19448	0.547	ug/L	91
27) 1,2-Dichloroethane	5.81	62	14190	0.590	ug/L #	74
33) Benzene	5.81	78	1590787	19.527	ug/L	100
34) Trichloroethene	6.57	95	386992	19.329	ug/L	99
35) Methylcyclohexane	6.72	83	26194	0.747	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11892	0.550	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3251	0.096	ug/L #	30
42) Toluene	7.99	91	1696926	19.885	ug/L	100
45) 1,1,2-Trichloroethane	8.57	97	5112	0.351	ug/L #	3
47) Tetrachloroethene	8.57	164	545448	37.913	ug/L	99
49) Dibromochloromethane	8.57	129	519718	31.234	ug/L #	11
51) Chlorobenzene	9.47	112	1018330	19.558	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	17194	1.216	ug/L #	43

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
Data File : VU037732.D
Acq On : 15 Apr 2020 14:39
Operator : JC/MD
Sample : L2275-23MS
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 16 01:27:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration

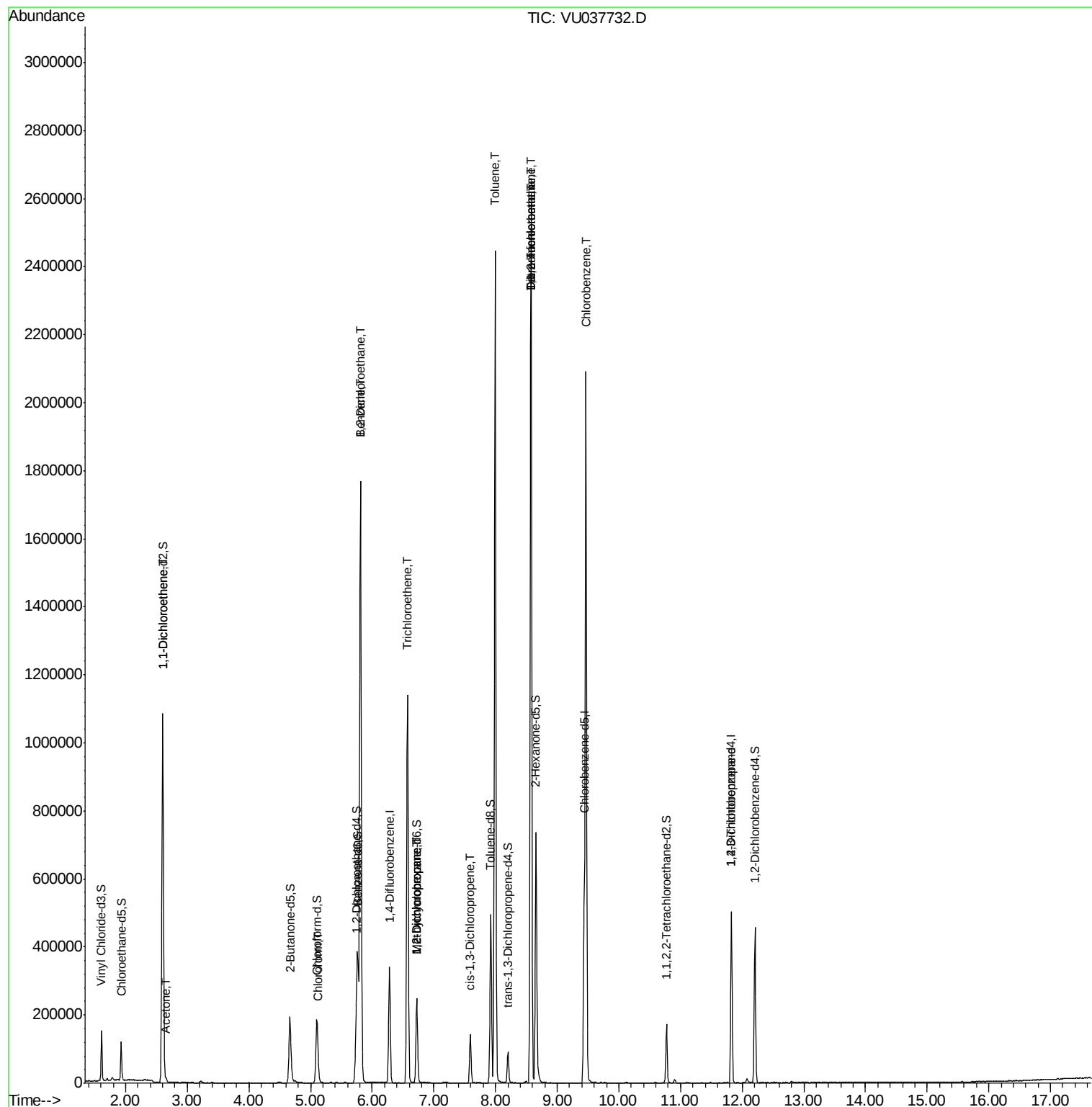
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

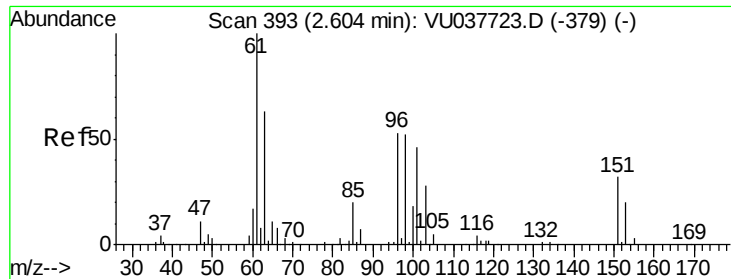
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041520\
Data File : VU037732.D
Acq On : 15 Apr 2020 14:39
Operator : JC/MD
Sample : L2275-23MS
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 16 01:27:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 17.720 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Instrument :
MSVOA_U
ClientSampled :

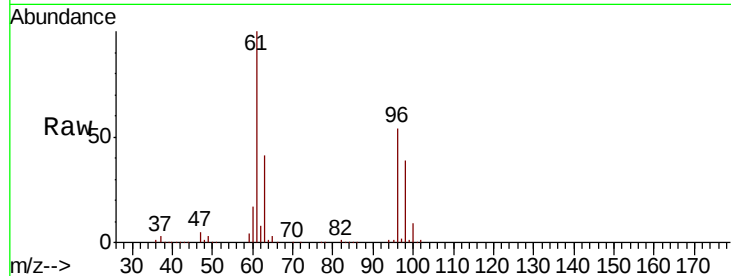
Tot Ion: 96 Resp: 316418

Ion Ratio Lower Upper

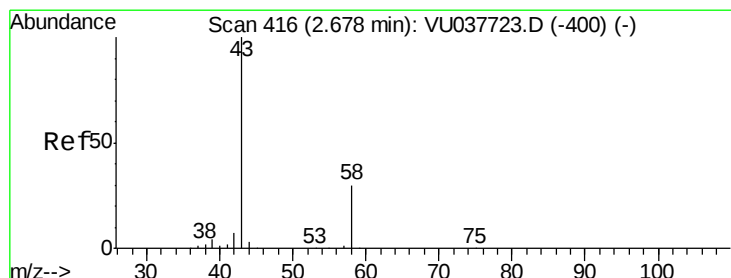
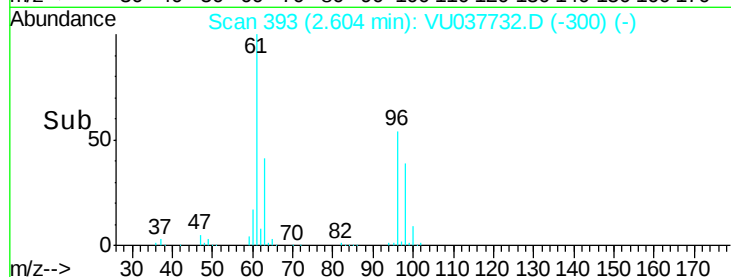
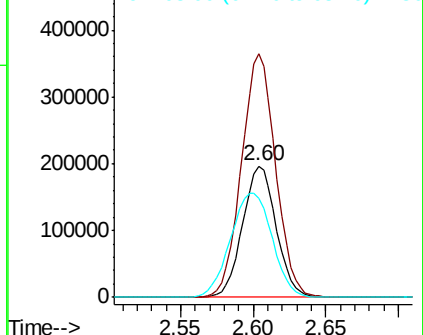
96 100

61 185.4 127.7 237.3

63 75.4 85.0 157.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 3.778 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.03 min

Lab File: VU037732.D

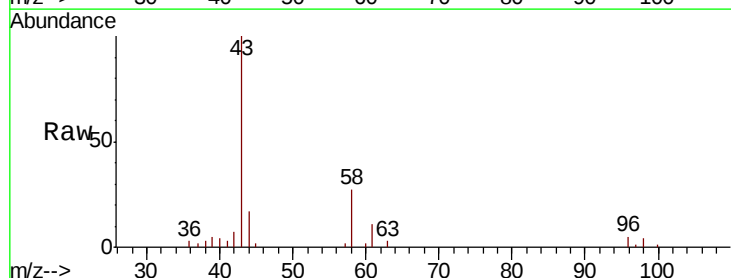
Acq: 15 Apr 2020 14:39

Tgt Ion: 43 Resp: 13396

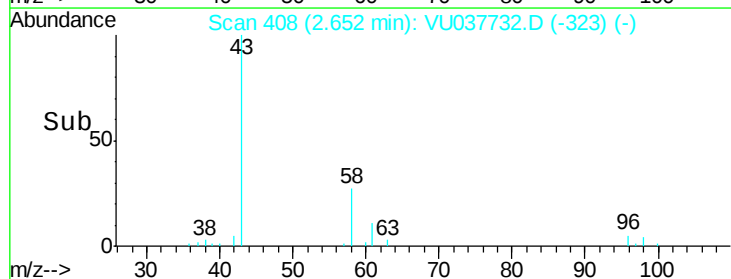
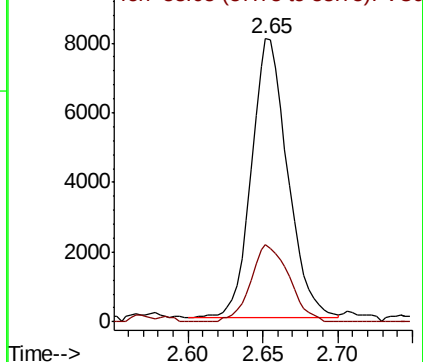
Ion Ratio Lower Upper

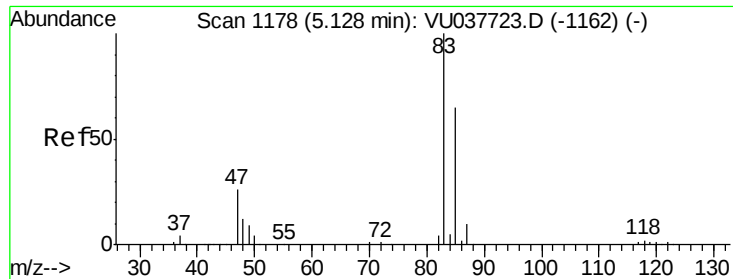
43 100

58 29.4 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

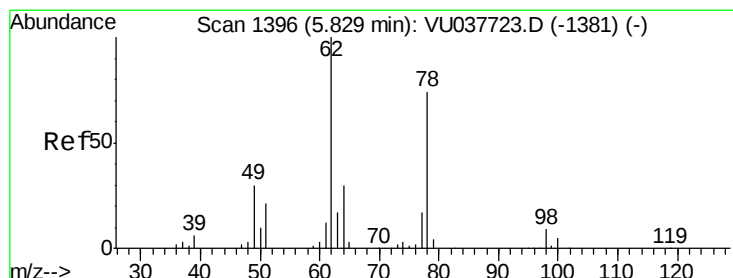
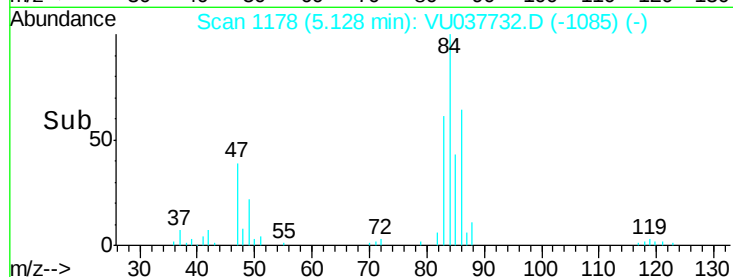
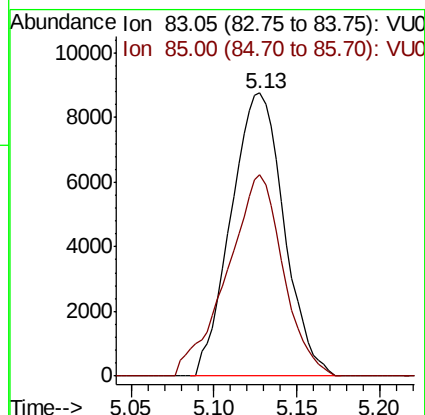
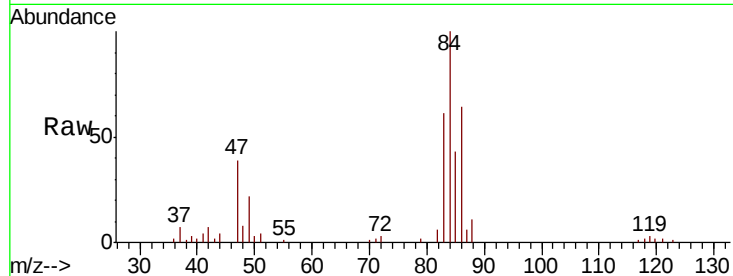




#25
Chloroform
Concen: 0.547 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037732.D
Acq: 15 Apr 2020 14:39

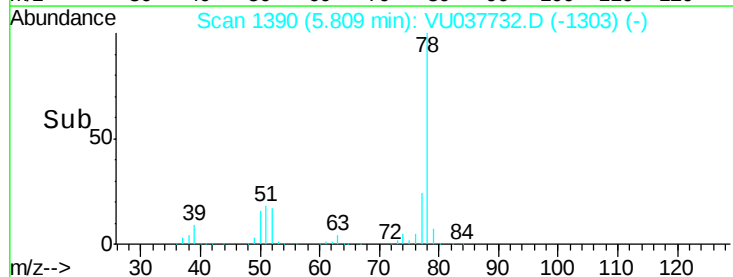
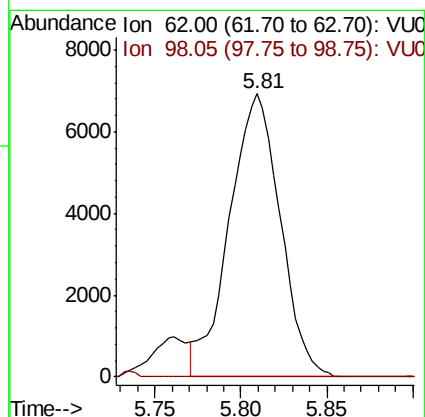
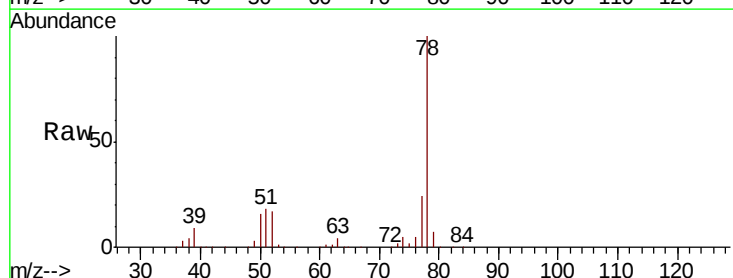
Instrument :
MSVOA_U
ClientSampleId :

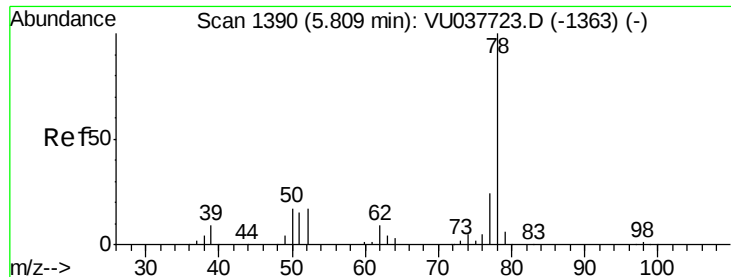
Tot Ion: 83 Resp: 19448
Ion Ratio Lower Upper
83 100
85 71.2 44.9 83.3



#27
1,2-Dichloroethane
Concen: 0.590 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.02 min
Lab File: VU037732.D
Acq: 15 Apr 2020 14:39

Tgt Ion: 62 Resp: 14190
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 19.527 ug/L

RT: 5.81 min Scan# 1390

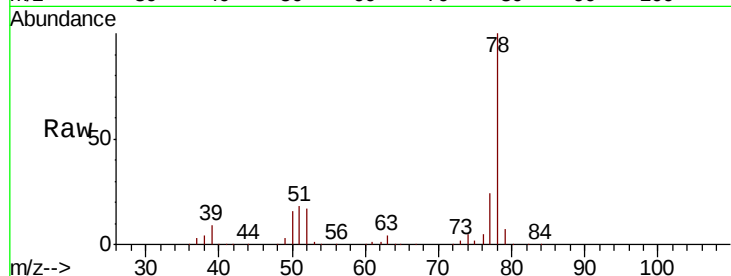
Delta R.T. 0.00 min

Lab File: VU037732.D

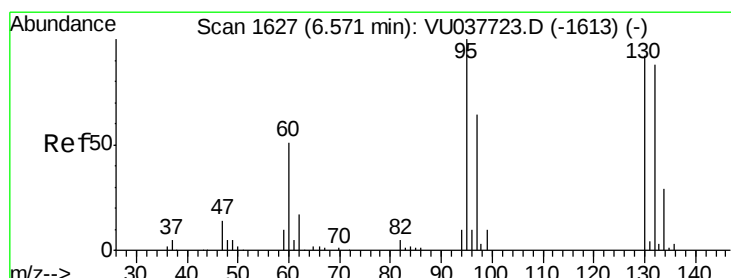
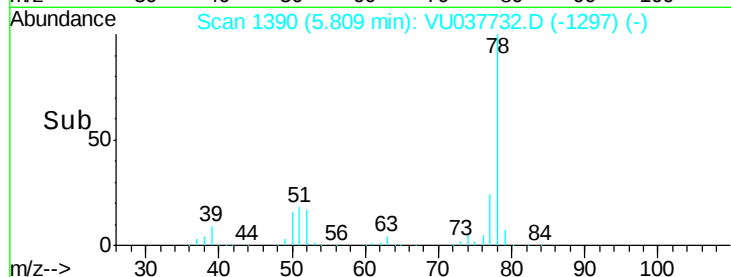
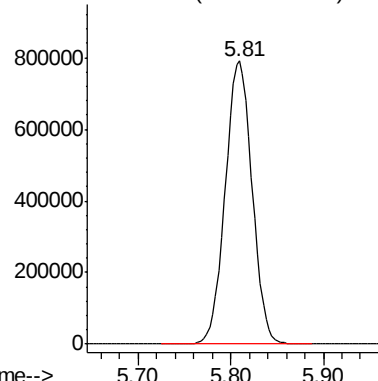
Acq: 15 Apr 2020 14:39

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 1590787



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 19.329 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Tgt Ion: 95 Resp: 386992

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.4	84.2
132	89.8	63.7	118.3
130	96.0	68.7	127.5

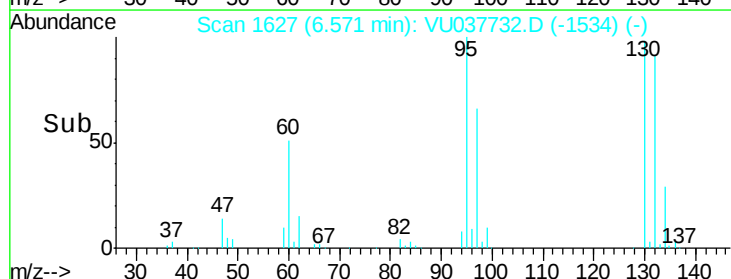
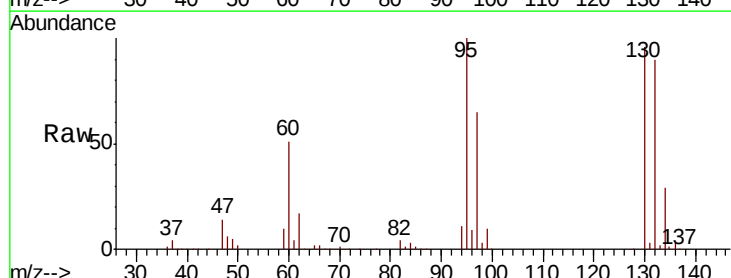
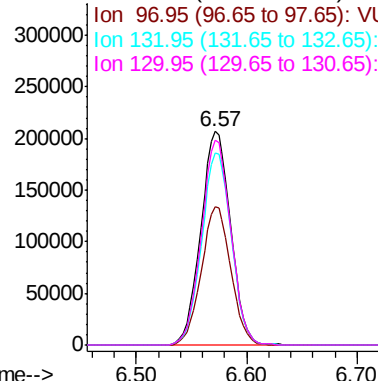
Ion 95.00 (94.70 to 95.70): VU0

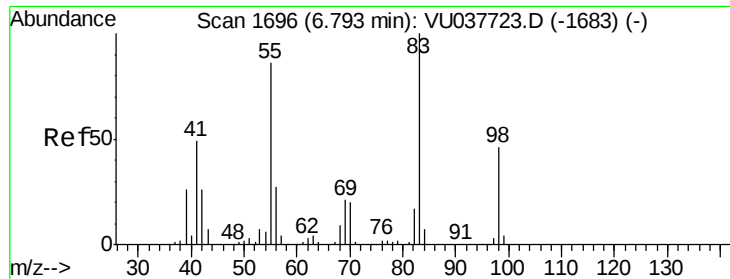
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

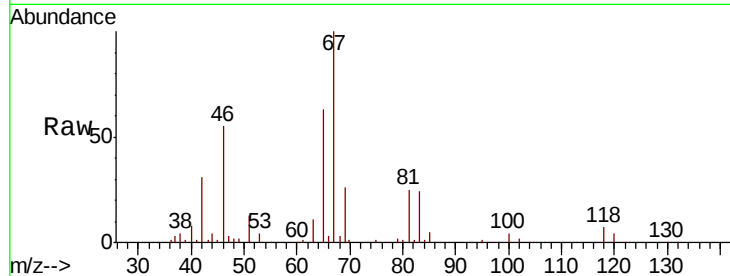




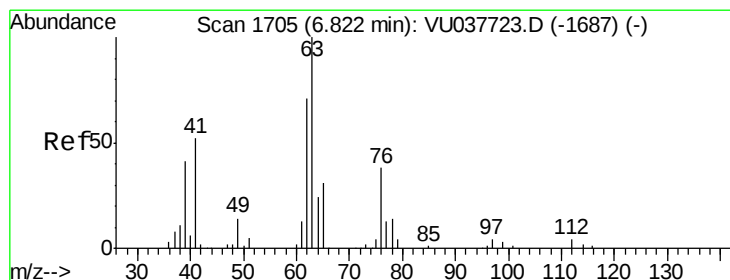
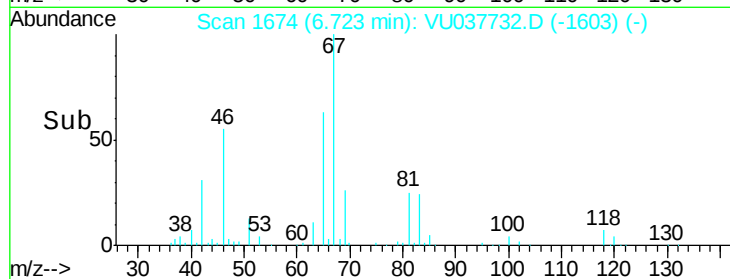
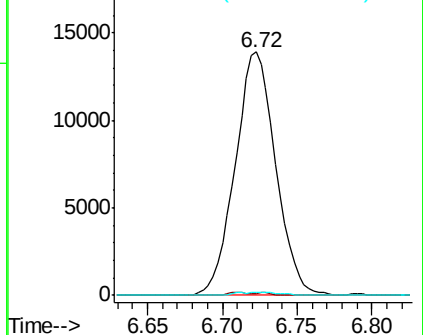
#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037732.D
Acq: 15 Apr 2020 14:39

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26194
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.4 38.2 57.4#

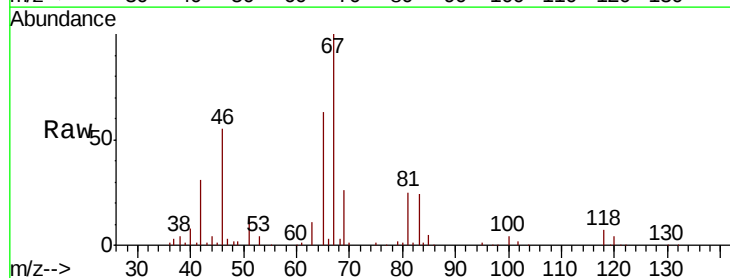


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

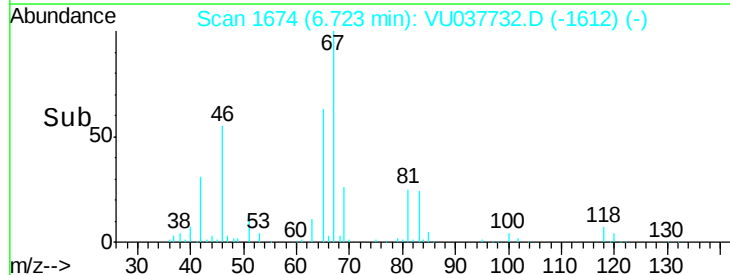
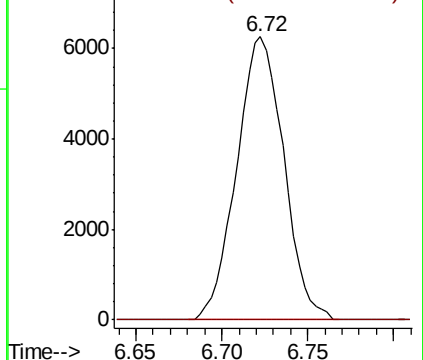


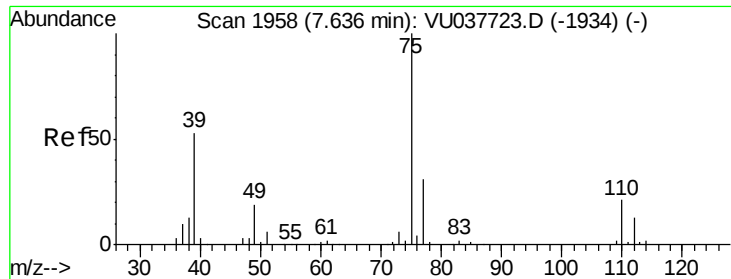
#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037732.D
Acq: 15 Apr 2020 14:39

Tgt Ion: 63 Resp: 11892
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

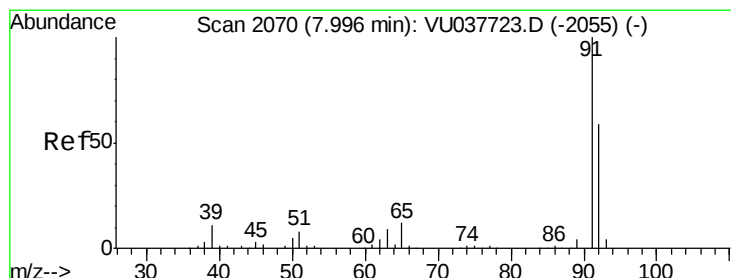
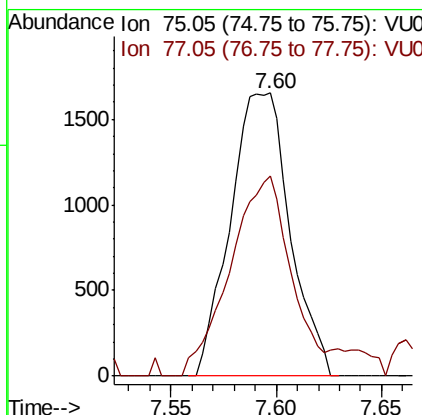
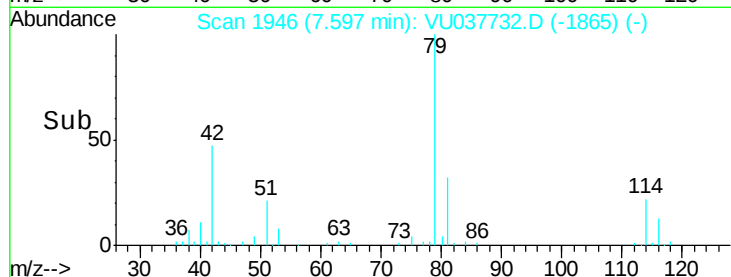
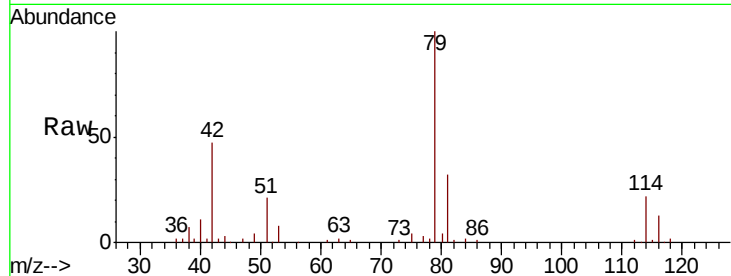




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037732.D
 Acq: 15 Apr 2020 14:39

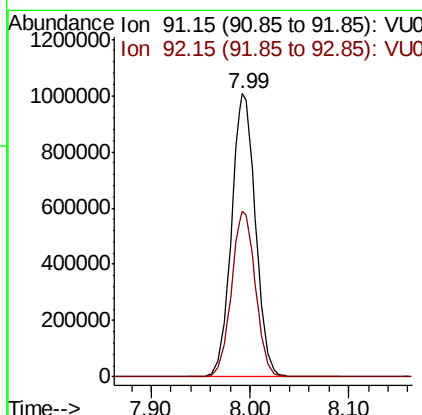
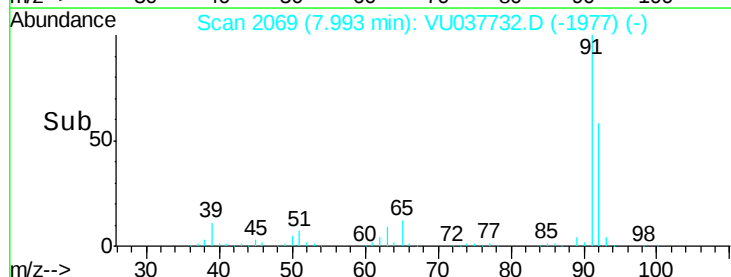
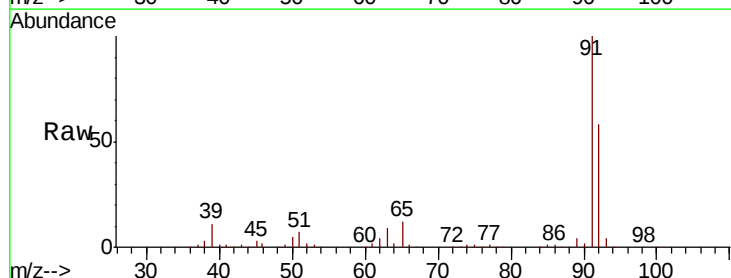
Instrument :
 MSVOA_U
 ClientSampleId :

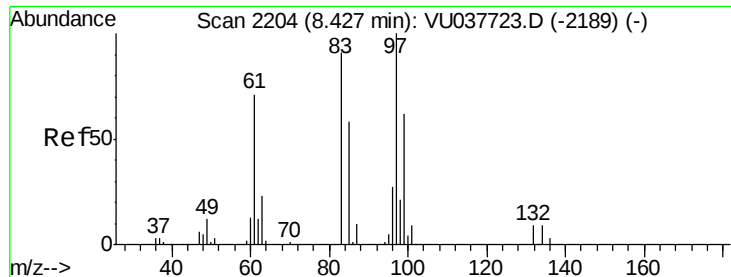
Tot Ion: 75 Resp: 3251
 Ion Ratio Lower Upper
 75 100
 77 70.5 22.2 41.2#



#42
 Toluene
 Concen: 19.885 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU037732.D
 Acq: 15 Apr 2020 14:39

Tgt Ion: 91 Resp: 1696926
 Ion Ratio Lower Upper
 91 100
 92 58.3 41.1 76.3

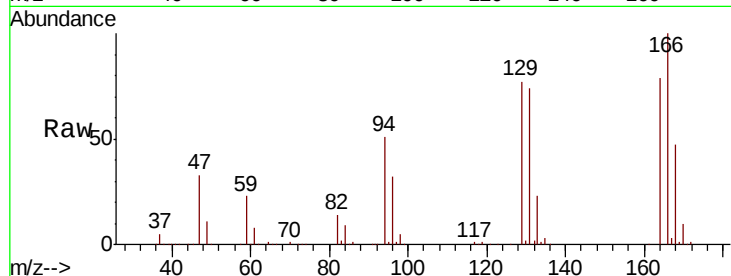




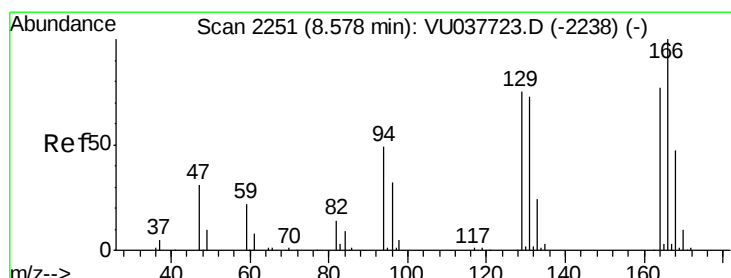
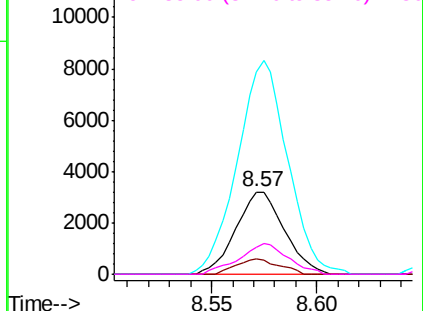
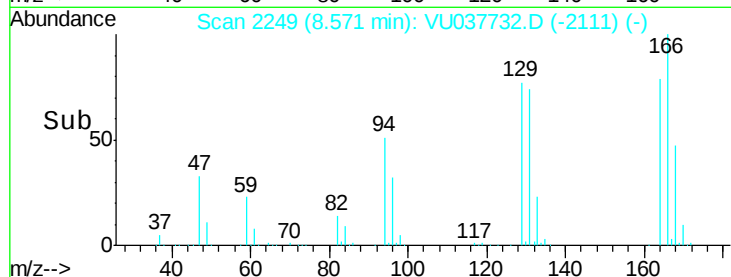
#45
1,1,2-Trichloroethane
Concen: 0.351 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. 0.14 min
Lab File: VU037732.D
Acq: 15 Apr 2020 14:39

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 97 Resp: 5112
Ion Ratio Lower Upper
97 100
99 19.0 43.1 80.1#
83 245.5 62.4 116.0#
85 33.4 39.6 73.6#

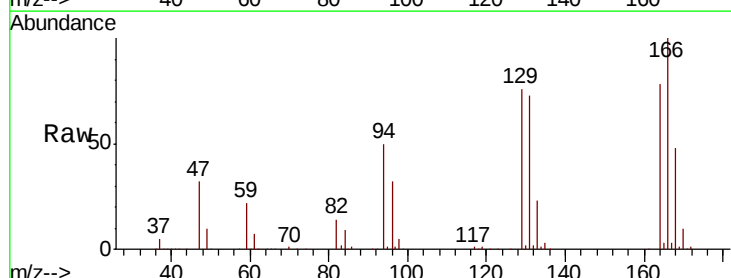


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0

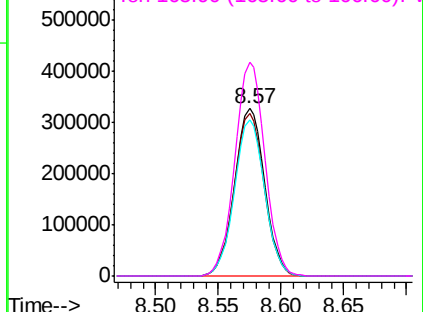
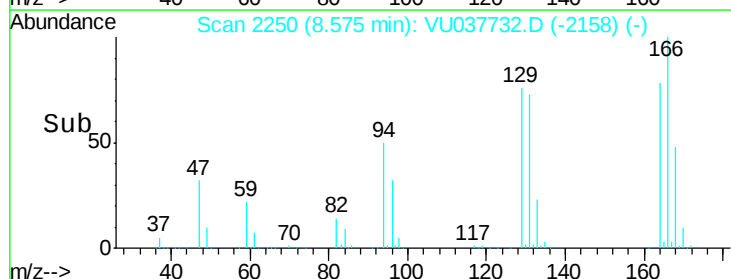


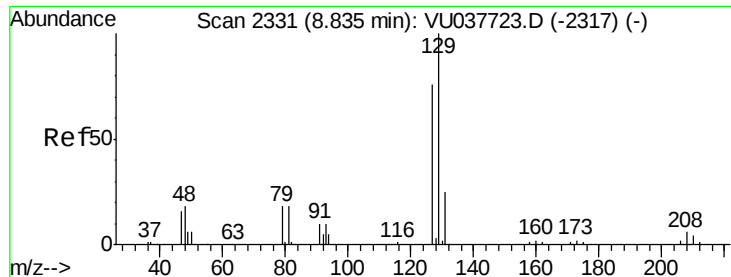
#47
Tetrachloroethene
Concen: 37.913 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037732.D
Acq: 15 Apr 2020 14:39

Tgt Ion: 164 Resp: 545448
Ion Ratio Lower Upper
164 100
129 96.9 68.1 126.5
131 93.5 65.9 122.5
166 127.6 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 31.234 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Instrument :

MSVOA_U

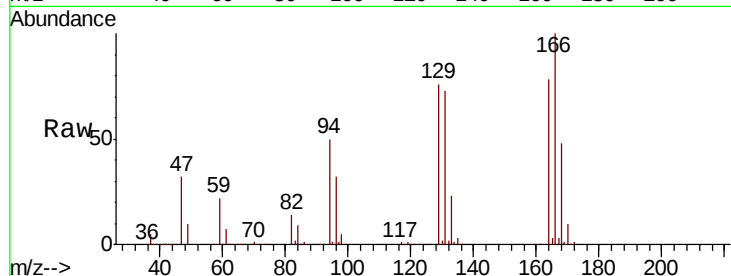
ClientSampleId :

Tot Ion:129 Resp: 519718

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

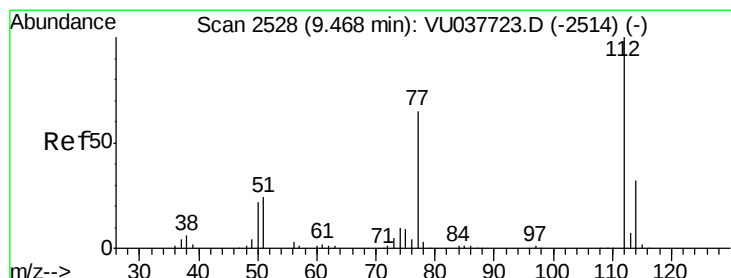
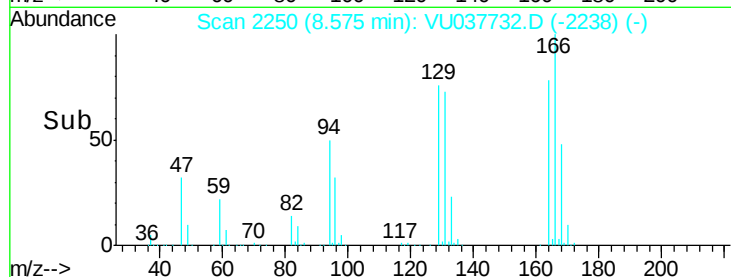
300000

200000

100000

0

Time--> 8.50 8.55 8.60 8.65



#51

Chlorobenzene

Concen: 19.558 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

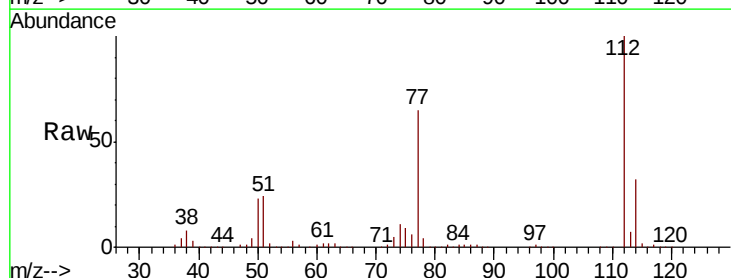
Tgt Ion:112 Resp: 1018330

Ion Ratio Lower Upper

112 100

114 31.5 22.6 42.0

77 64.8 50.2 75.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

9.47

800000

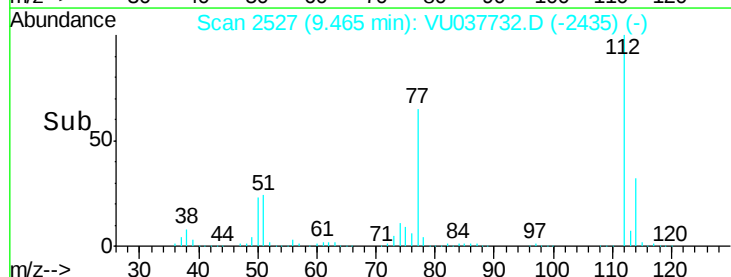
600000

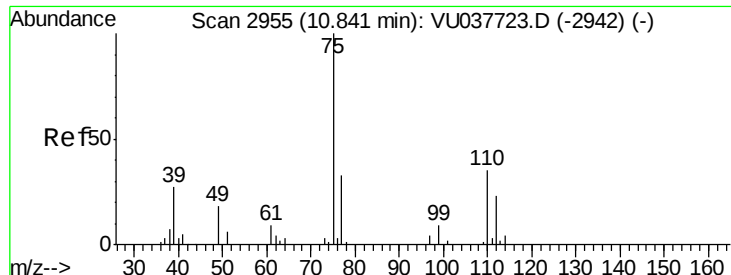
400000

200000

0

Time--> 9.40 9.50 9.60





#59

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17194

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

