

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037789.D
 Acq On : 17 Apr 2020 22:36
 Operator : JC/MD
 Sample : L2319-01
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 05:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	285293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	276033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84049	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	76329	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.59	63	111912	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.66	46	310260	52.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	5.10	84	157478	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.74	65	93607	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	323156	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.72	67	109807	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.92	98	286434	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	44786	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.66	63	268484	48.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88902	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	107501	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

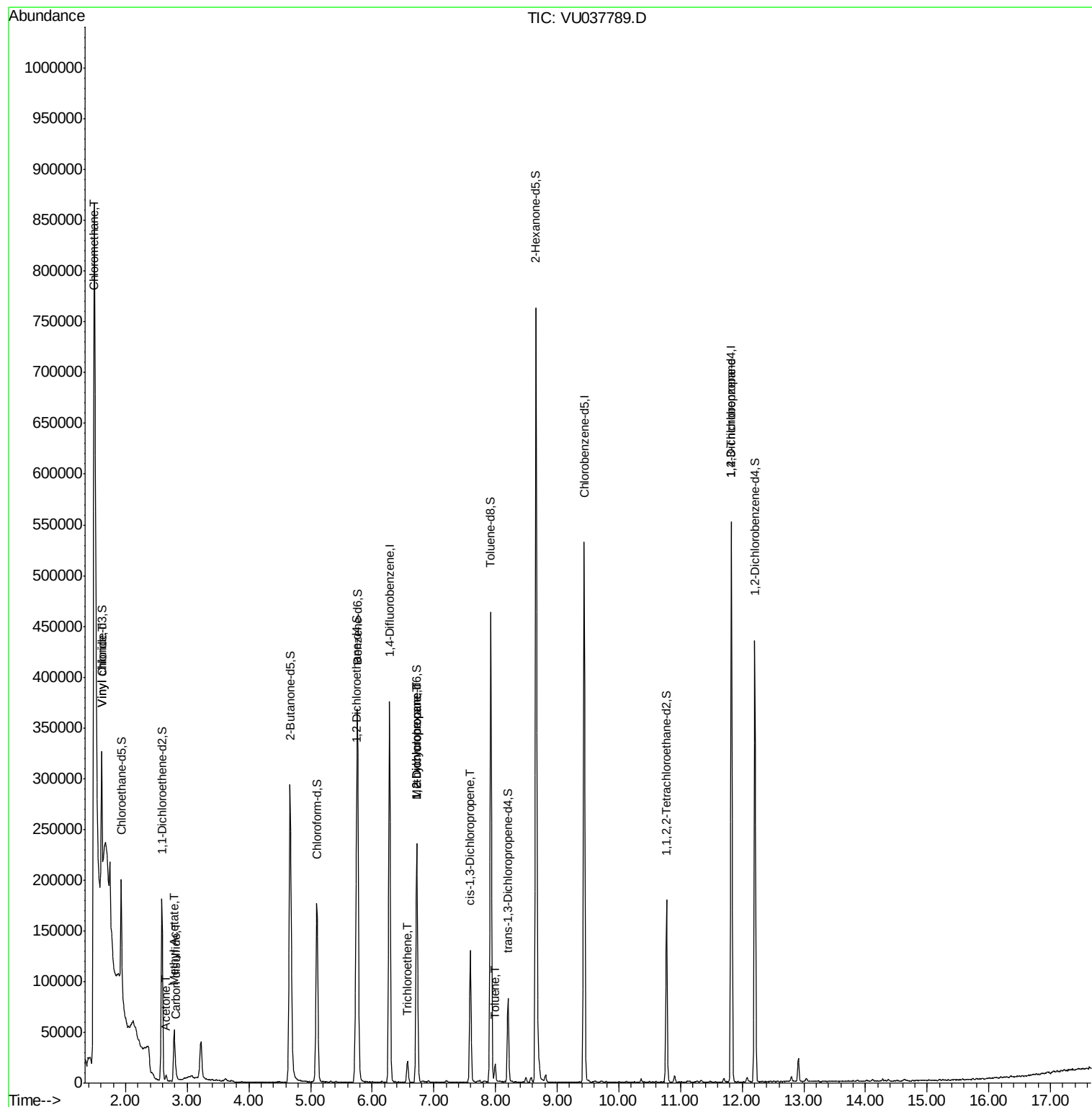
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.49	50	43540	1.423	ug/L #	44
5) Vinyl chloride	1.62	62	3801	0.126	ug/L #	1
13) Acetone	2.66	43	6633	1.697	ug/L	93
14) Carbon disulfide	2.82	76	8086	0.112	ug/L	100
15) Methyl Acetate	2.79	43	11636	1.071	ug/L #	54
34) Trichloroethene	6.57	95	7286	0.325	ug/L	91
35) Methylcyclohexane	6.72	83	24264	0.618	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11603	0.480	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2931	0.077	ug/L #	47
42) Toluene	7.99	91	11370	0.119	ug/L	100
59) 1,2,3-Trichloropropane	11.83	75	18590	1.174	ug/L	91

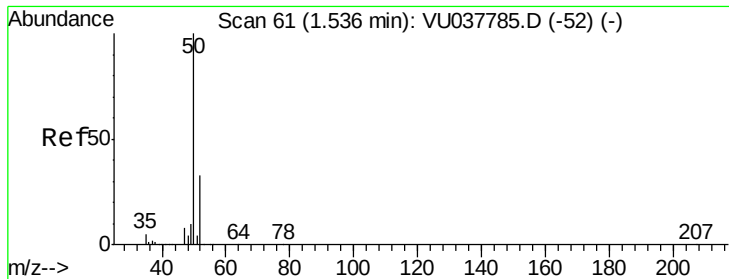
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.423 ug/L

RT: 1.49 min Scan# 47

Delta R.T. -0.04 min

Lab File: VU037789.D

Acq: 17 Apr 2020 22:36

Instrument :

MSVOA_U

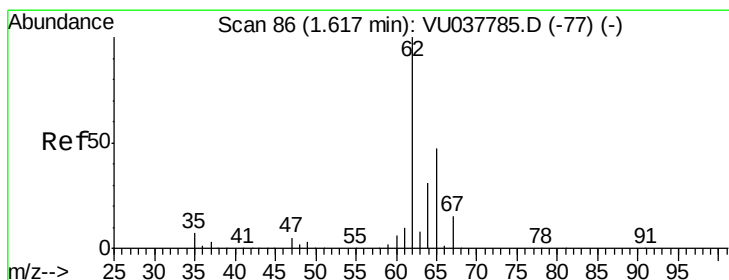
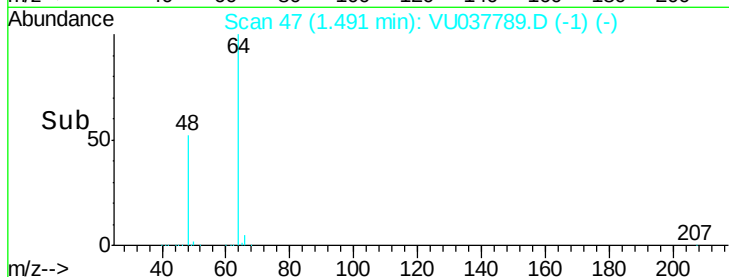
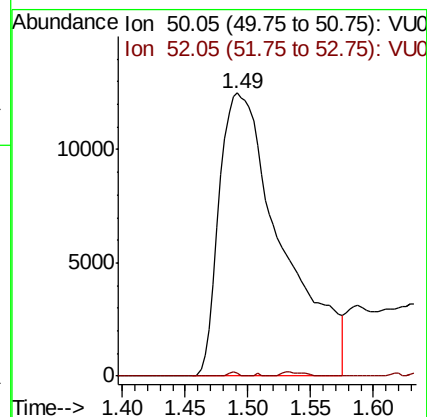
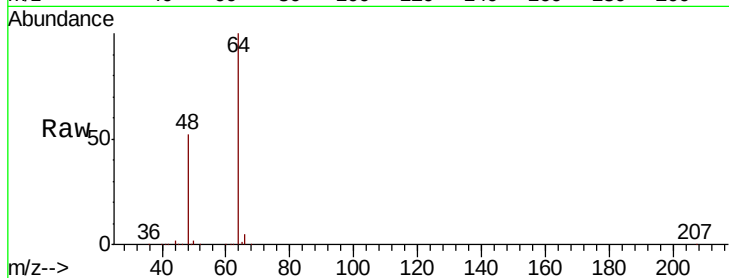
ClientSampleId :

Tot Ion: 50 Resp: 43540

Ion Ratio Lower Upper

50 100

52 1.2 23.0 42.6#



#5

Vinyl chloride

Concen: 0.126 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037789.D

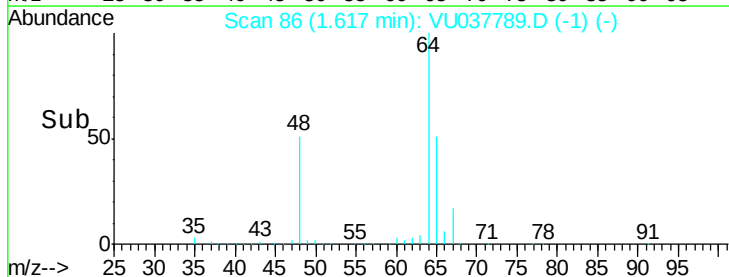
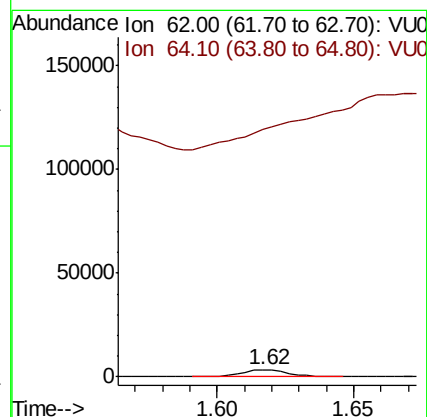
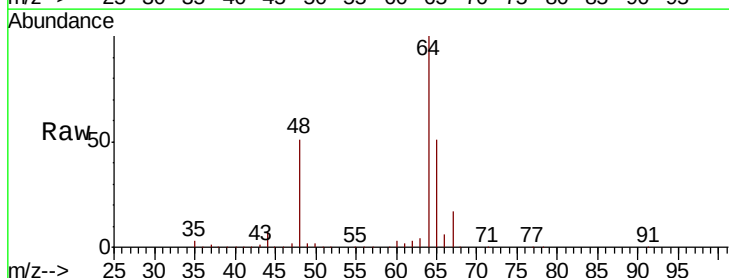
Acq: 17 Apr 2020 22:36

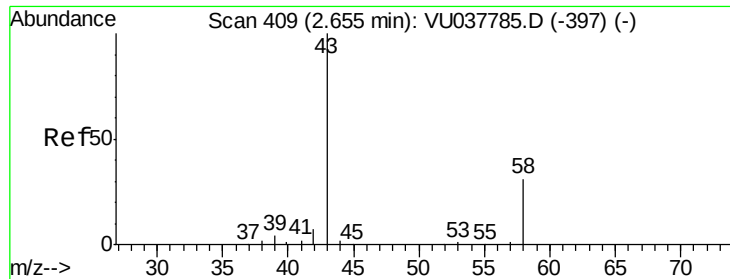
Tgt Ion: 62 Resp: 3801

Ion Ratio Lower Upper

62 100

64 3347.6 22.1 41.1#





#13

Acetone

Concen: 1.697 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037789.D

Acq: 17 Apr 2020 22:36

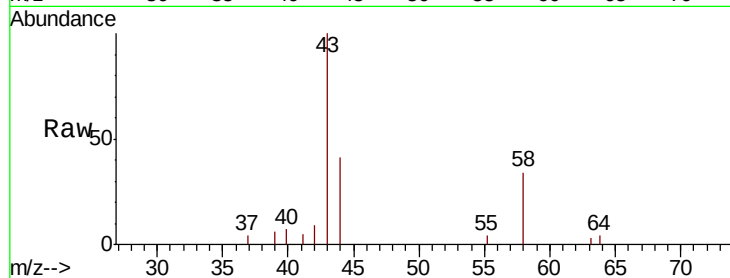
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6633

Ion Ratio Lower Upper

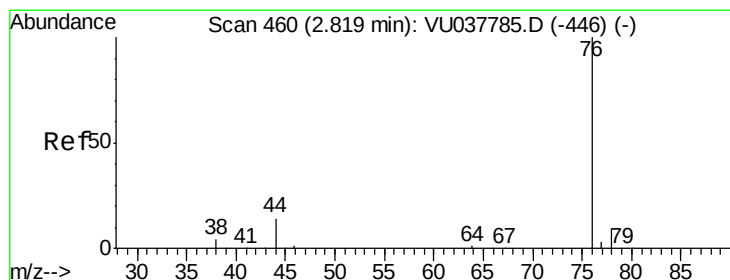
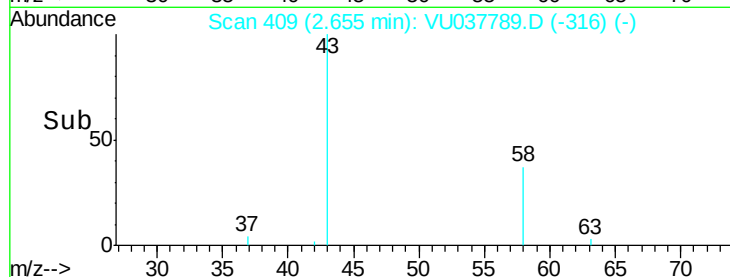
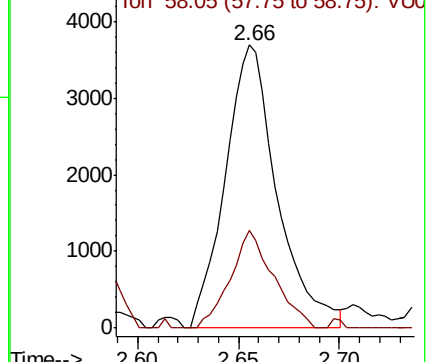
43 100

58 28.8 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037789.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU037789.D (-316) (-)



#14

Carbon disulfide

Concen: 0.112 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037789.D

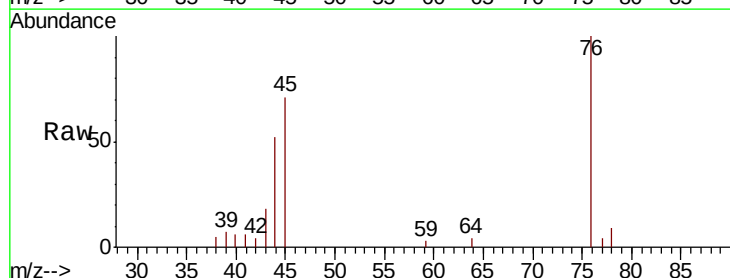
Acq: 17 Apr 2020 22:36

Tgt Ion: 76 Resp: 8086

Ion Ratio Lower Upper

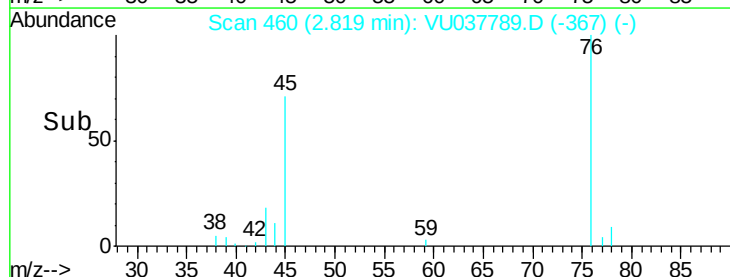
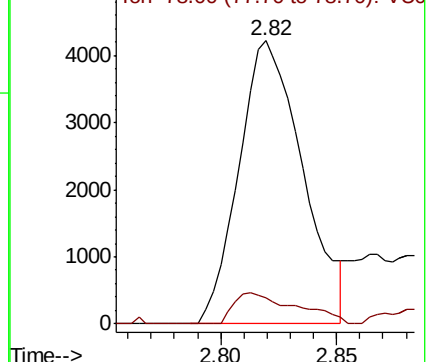
76 100

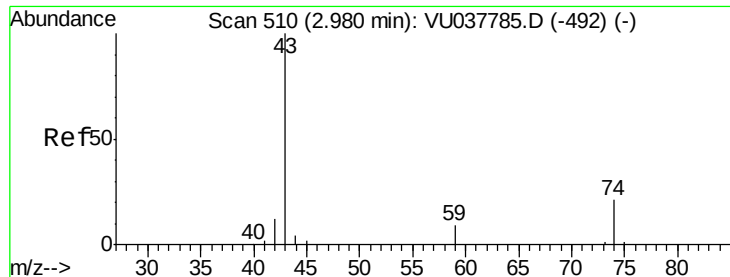
78 9.1 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU037789.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU037789.D (-367) (-)

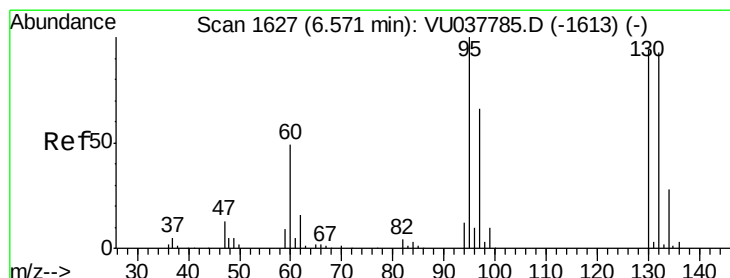
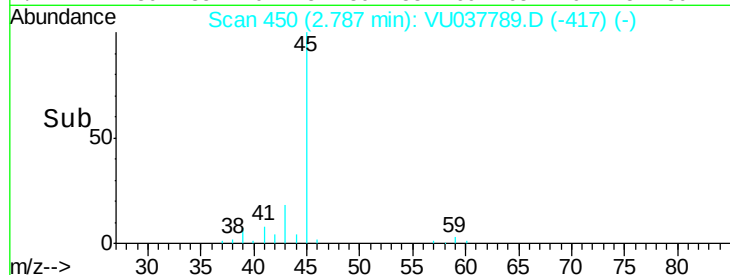
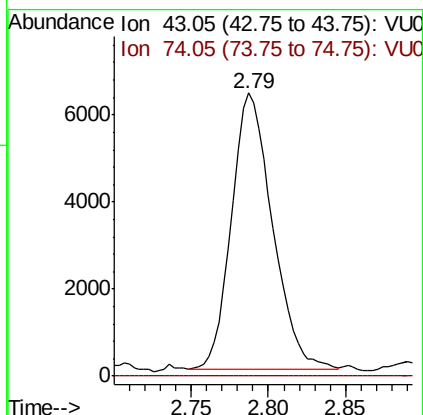
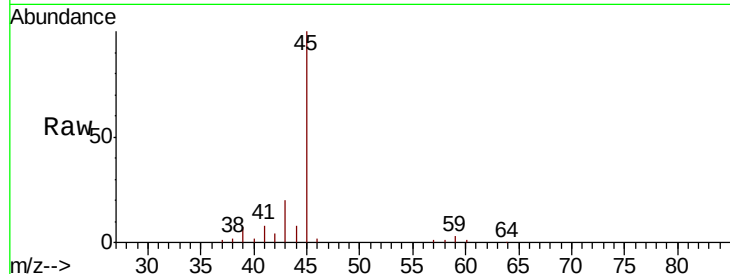




#15
Methvl Acetate
Concen: 1.071 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.19 min
Lab File: VU037789.D
Acq: 17 Apr 2020 22:36

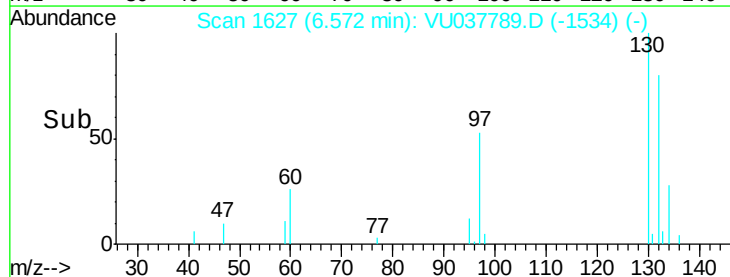
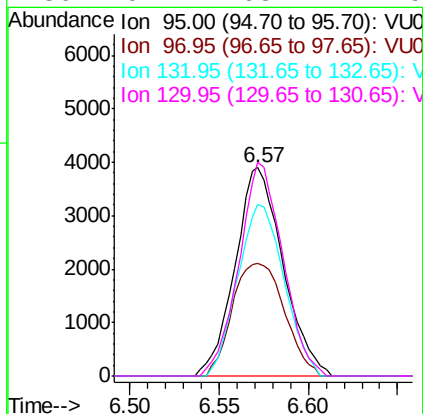
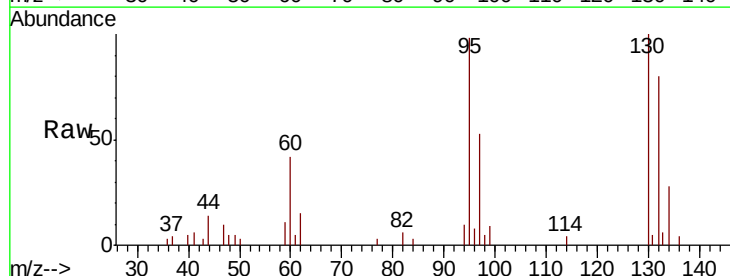
Instrument :
MSVOA_U
ClientSampleId :

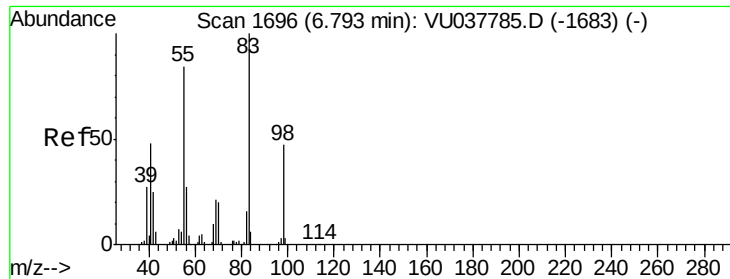
Tot Ion: 43 Resp: 11636
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#34
Trichloroethene
Concen: 0.325 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037789.D
Acq: 17 Apr 2020 22:36

Tgt Ion: 95 Resp: 7286
Ion Ratio Lower Upper
95 100
97 53.9 45.4 84.2
132 82.0 63.7 118.3
130 102.4 68.7 127.5

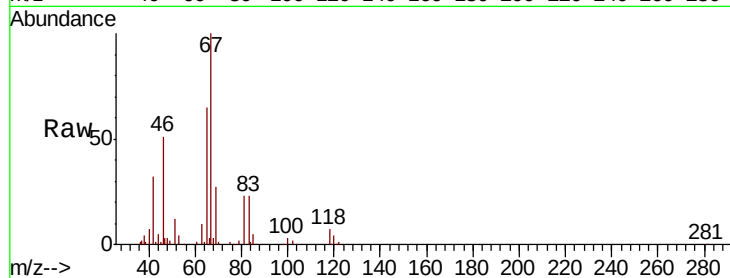




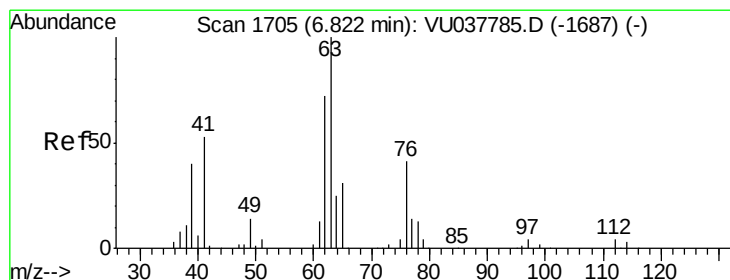
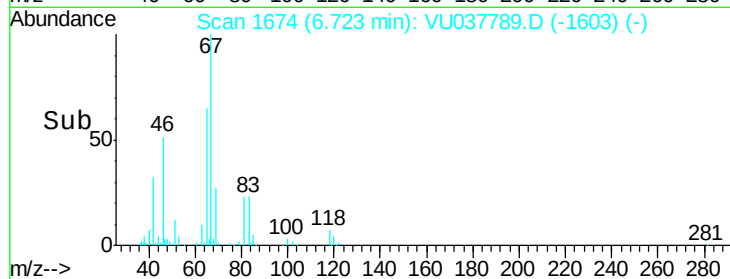
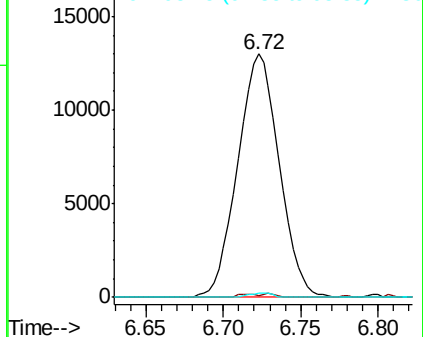
#35
Methylcyclohexane
Concen: 0.618 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037789.D
Acq: 17 Apr 2020 22:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 24264
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 1.0 38.2 57.4#

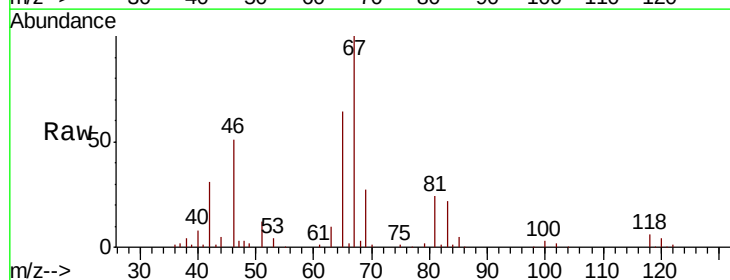


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

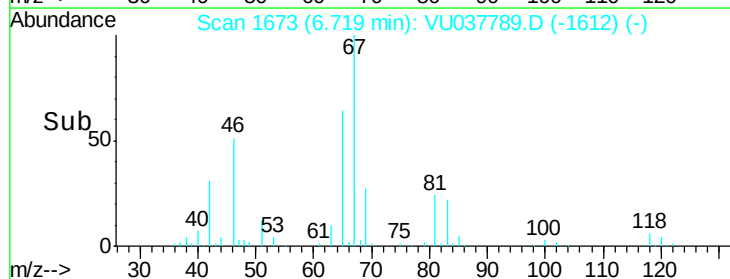
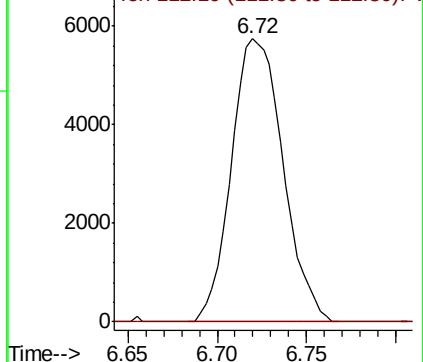


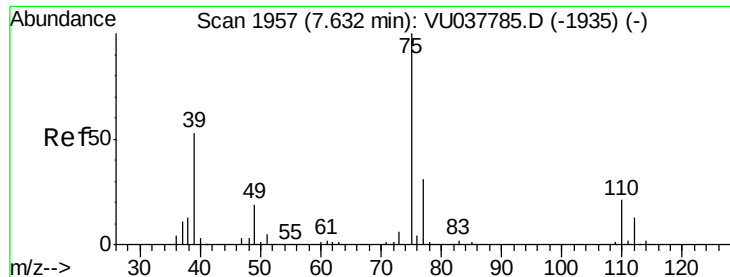
#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037789.D
Acq: 17 Apr 2020 22:36

Tgt Ion: 63 Resp: 11603
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

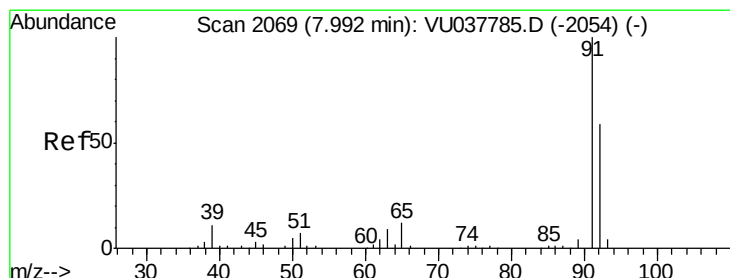
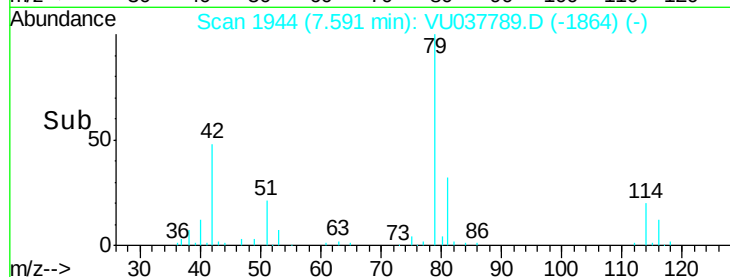
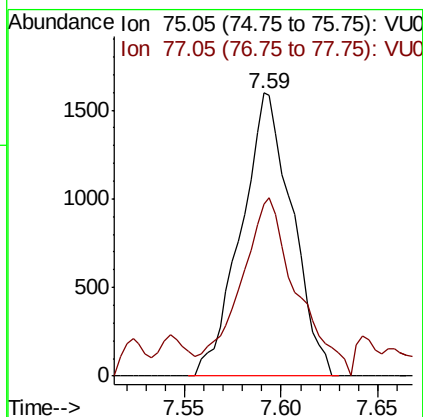
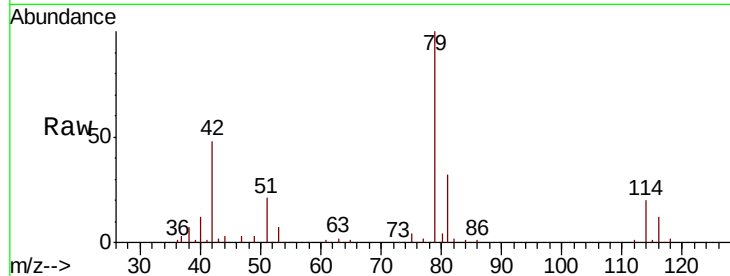




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037789.D
 Acq: 17 Apr 2020 22:36

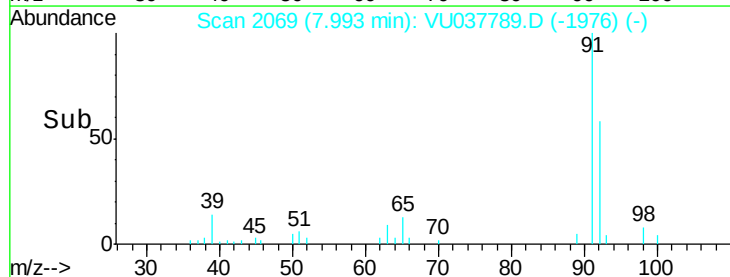
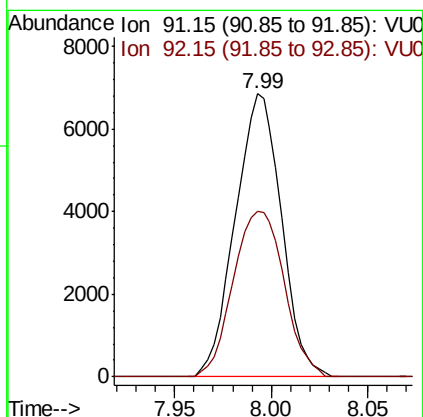
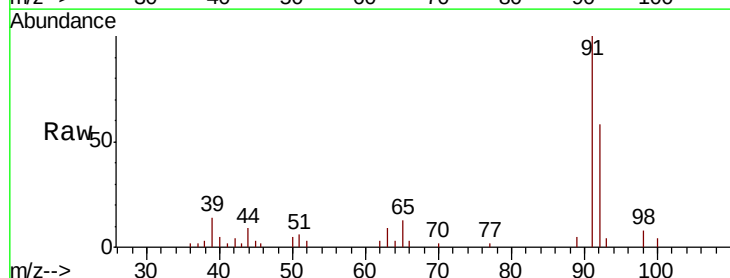
Instrument :
 MSVOA_U
 ClientSampleId :

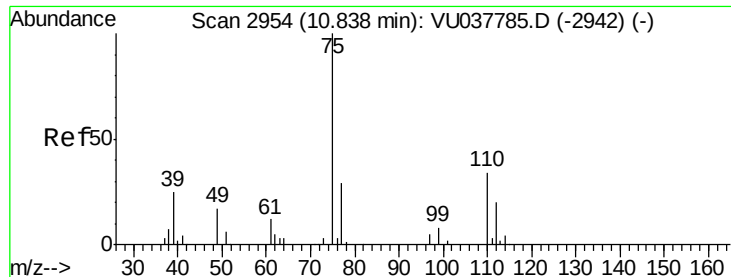
Tot Ion: 75 Resp: 2931
 Ion Ratio Lower Upper
 75 100
 77 60.9 22.2 41.2#



#42
 Toluene
 Concen: 0.119 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VU037789.D
 Acq: 17 Apr 2020 22:36

Tgt Ion: 91 Resp: 11370
 Ion Ratio Lower Upper
 91 100
 92 58.3 41.1 76.3





#59

1,2,3-Trichloropropane

Concen: 1.174 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037789.D

Acq: 17 Apr 2020 22:36

Instrument :

MSVOA_U

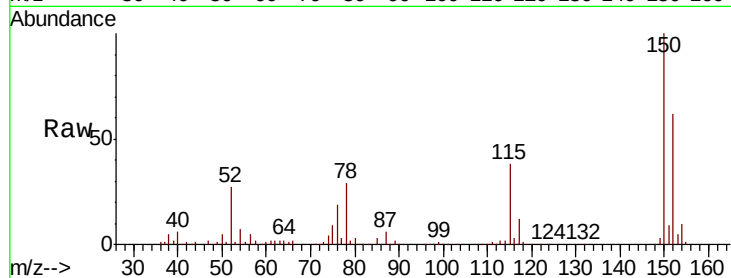
ClientSampleId :

Tot Ion: 75 Resp: 18590

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

