

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037801.D
 Acq On : 18 Apr 2020 03:33
 Operator : JC/MD
 Sample : L2319-13
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 05:25:32 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	261364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78310	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	75682	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	108779	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	312441	57.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.04%
24) Chloroform-d	5.10	84	158354	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	91928	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	322585	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	111886	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.92	98	291160	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	44105	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.65	63	264037	51.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89223	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	107594	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

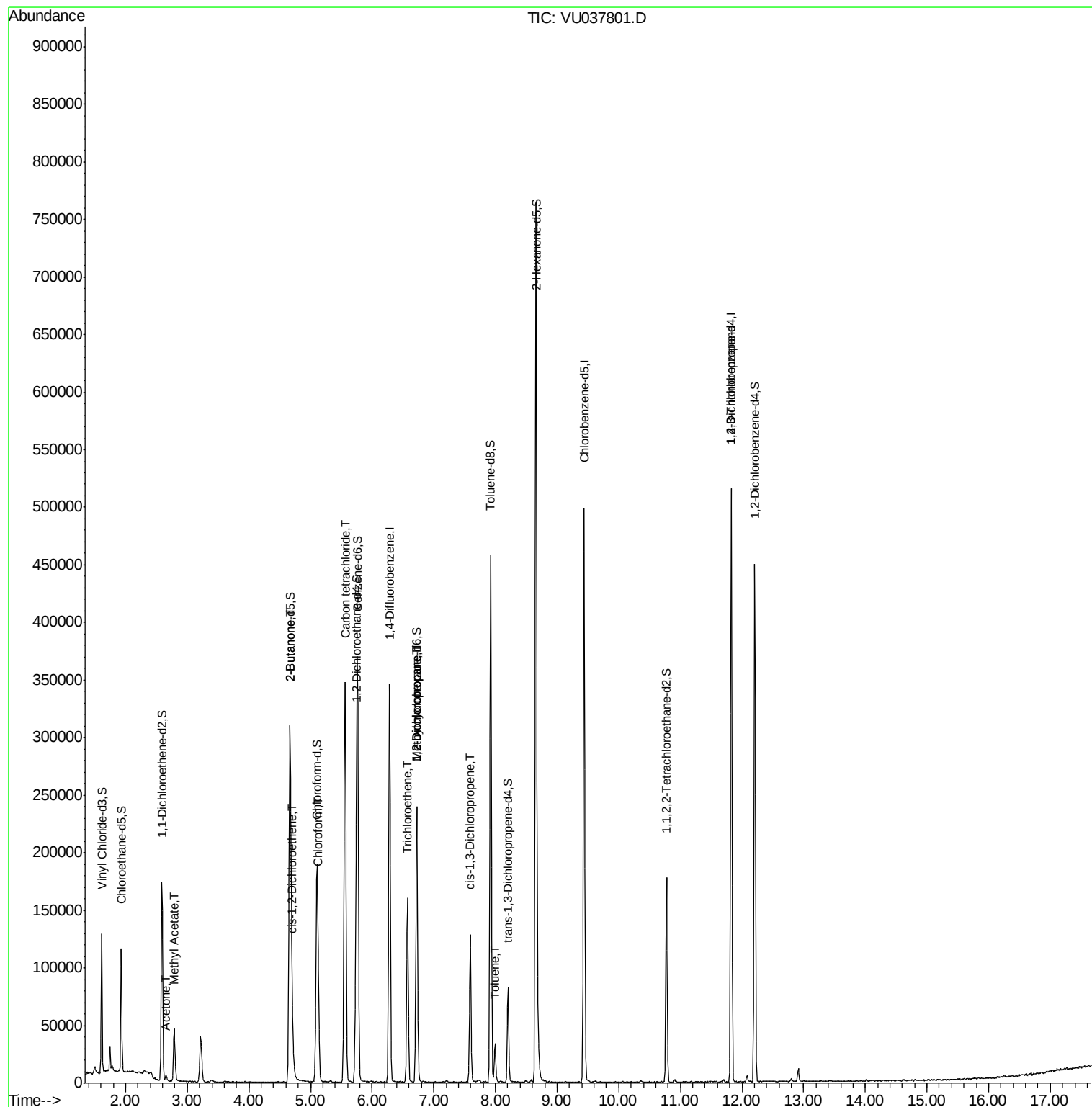
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	6221	1.737	ug/L	96
15) Methyl Acetate	2.79	43	11609	1.166	ug/L #	54
21) 2-Butanone	4.68	43	8488	1.305	ug/L #	53
22) cis-1,2-Dichloroethene	4.71	96	13907	0.658	ug/L	91
25) Chloroform	5.13	83	50863	1.416	ug/L	95
31) Carbon tetrachloride	5.56	117	233372	9.429	ug/L	99
34) Trichloroethene	6.57	95	53177	2.558	ug/L	96
35) Methylcyclohexane	6.72	83	25071	0.688	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	11528	0.514	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3045	0.087	ug/L #	50
42) Toluene	7.99	91	21498	0.243	ug/L	94
59) 1,2,3-Trichloropropane	11.83	75	17348	1.182	ug/L	92

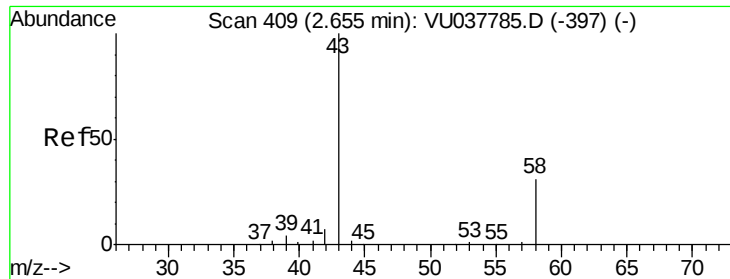
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 05:19:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.737 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU037801.D

Acq: 18 Apr 2020 03:33

Instrument :

MSVOA_U

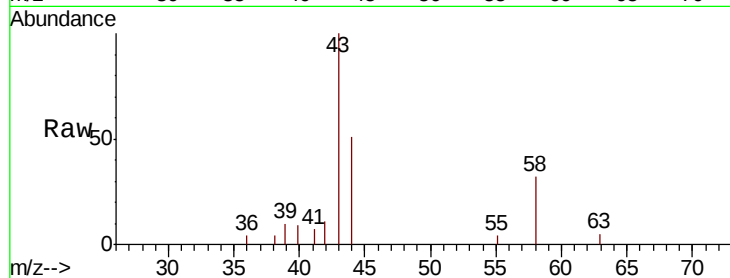
ClientSampleId :

Tot Ion: 43 Resp: 6221

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037785.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037785.D (-397) (-)

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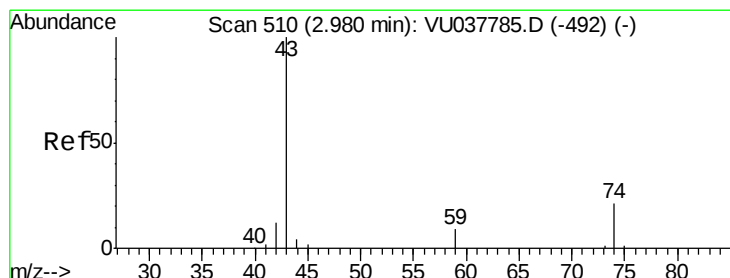
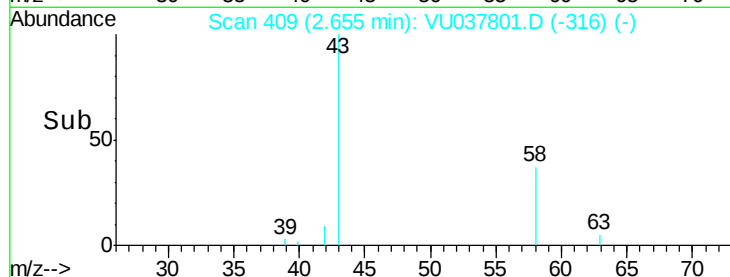
2.66

2.66

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#15

Methyl Acetate

Concen: 1.166 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU037801.D

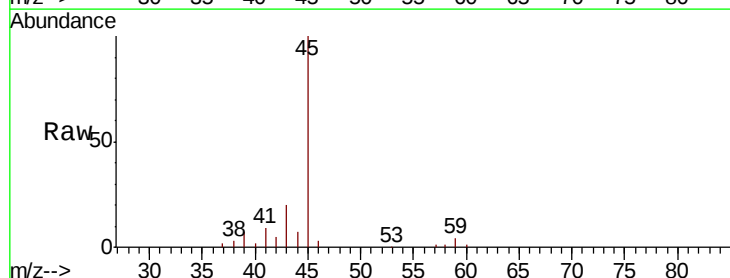
Acq: 18 Apr 2020 03:33

Tgt Ion: 43 Resp: 11609

Ion Ratio Lower Upper

43 100

74 0.0 17.2 25.8#



Abundance Ion 43.05 (42.75 to 43.75): VU037785.D (-492) (-)

Ion 74.05 (73.75 to 74.75): VU037785.D (-492) (-)

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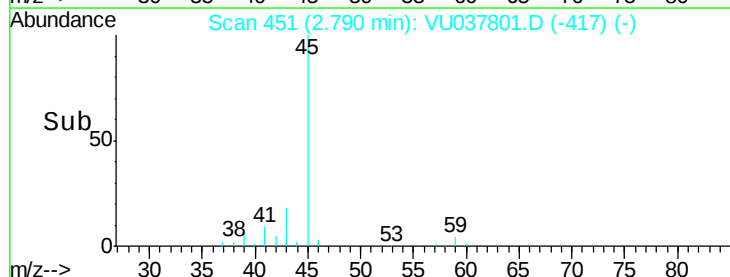
2.79

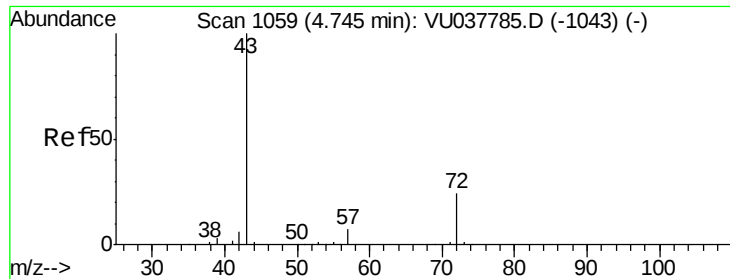
2.79

2.79

2.79

2.79





#21

2-Butanone

Concen: 1.305 ug/L

RT: 4.68 min Scan# 1038

Delta R.T. -0.07 min

Lab File: VU037801.D

Acq: 18 Apr 2020 03:33

Instrument :

MSVOA_U

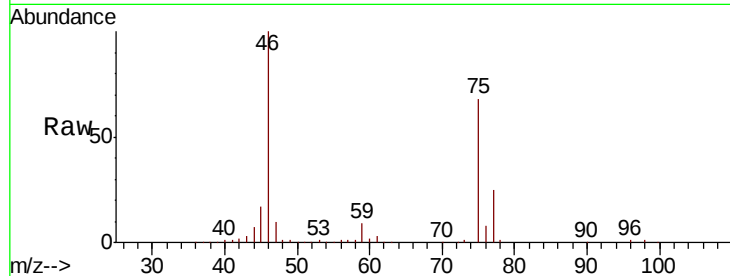
ClientSampleId :

Tot Ion: 43 Resp: 8488

Ion Ratio Lower Upper

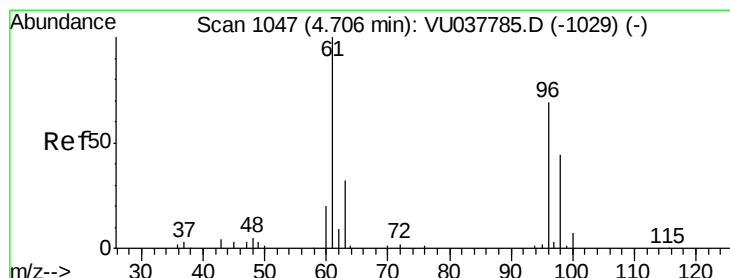
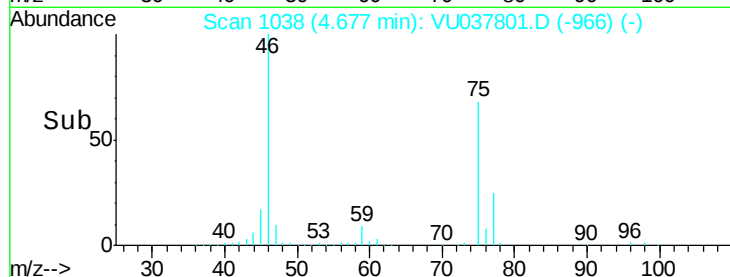
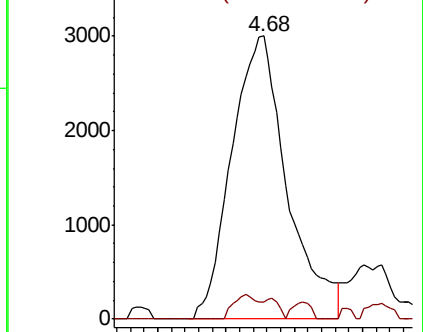
43 100

72 1.6 12.6 37.6#



Abundance Ion 43.05 (42.75 to 43.75): VU037801.D (-966) (-)

Ion 72.10 (71.80 to 72.80): VU037801.D (-966) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.658 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037801.D

Acq: 18 Apr 2020 03:33

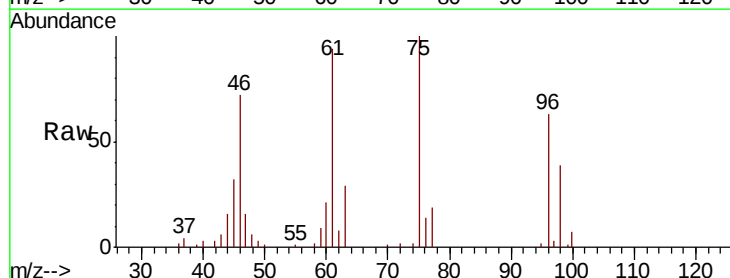
Tgt Ion: 96 Resp: 13907

Ion Ratio Lower Upper

96 100

61 149.2 97.0 180.2

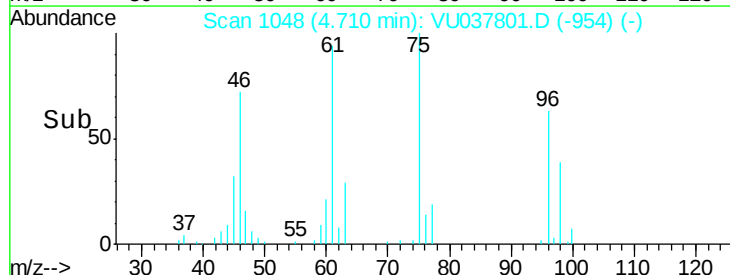
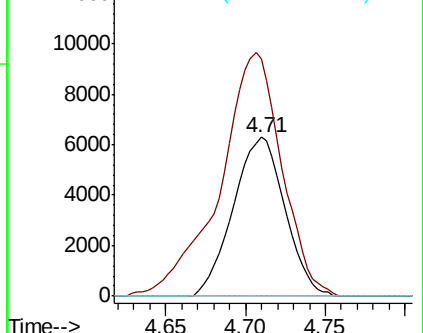
68 0.0 0.0 0.0

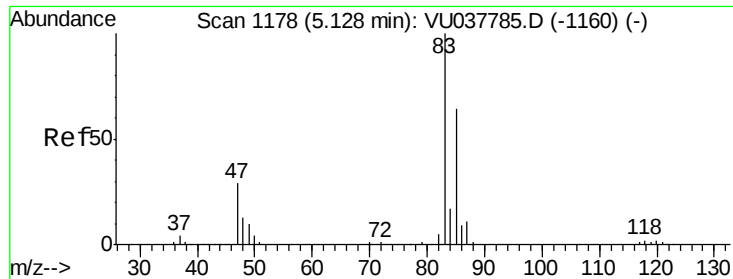


Abundance Ion 96.00 (95.70 to 96.70): VU037801.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU037801.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU037801.D (-954) (-)

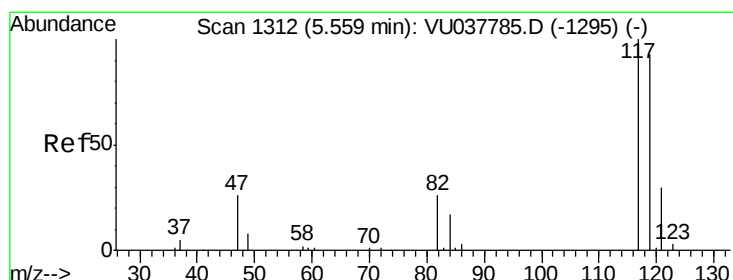
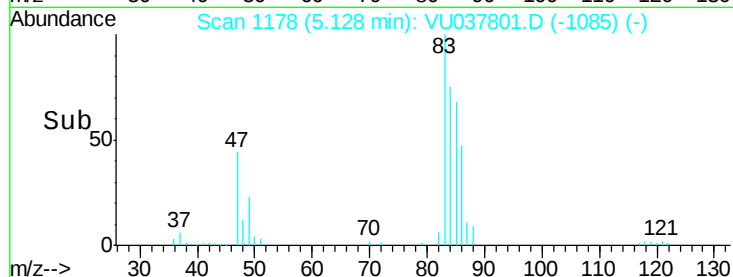
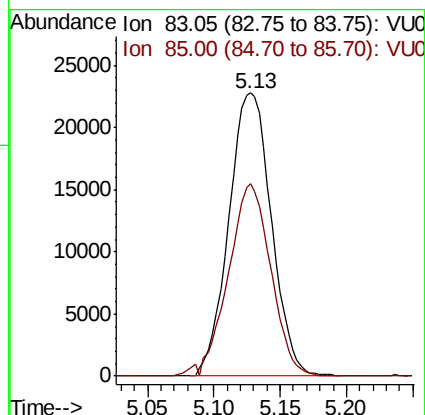
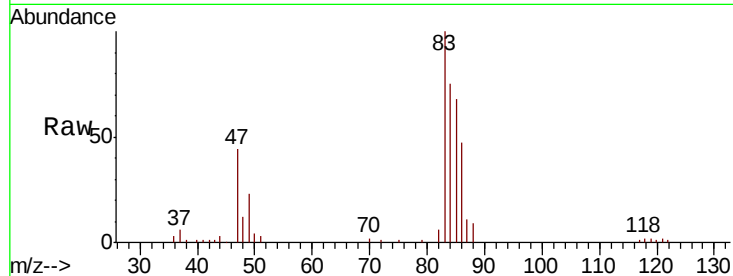




#25
Chloroform
Concen: 1.416 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037801.D
Acq: 18 Apr 2020 03:33

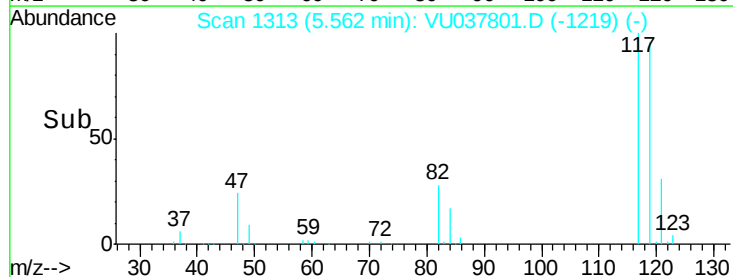
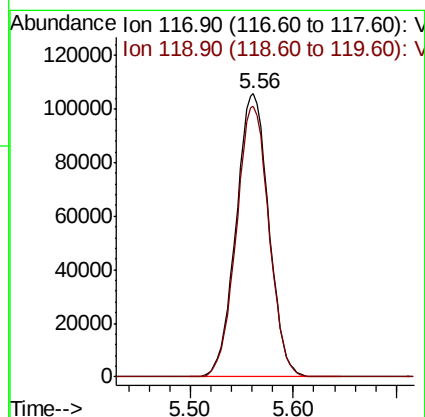
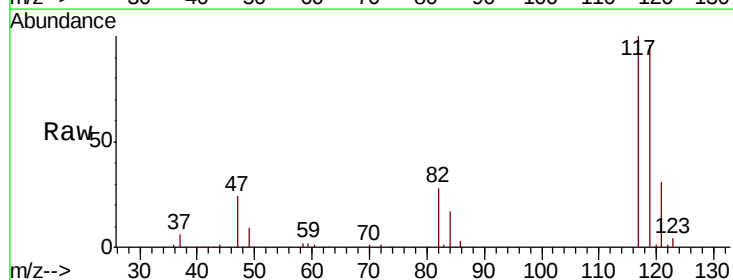
Instrument :
MSVOA_U
ClientSampled :

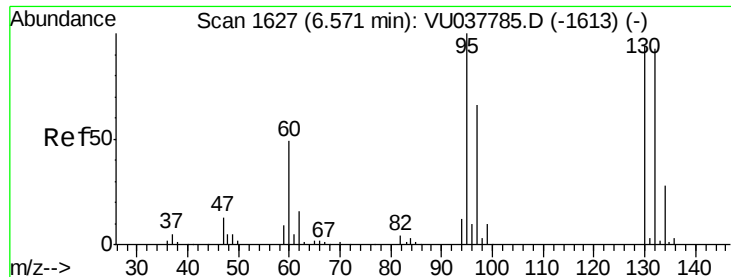
Tot Ion: 83 Resp: 50863
Ion Ratio Lower Upper
83 100
85 68.1 44.9 83.3



#31
Carbon tetrachloride
Concen: 9.429 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037801.D
Acq: 18 Apr 2020 03:33

Tgt Ion: 117 Resp: 233372
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0

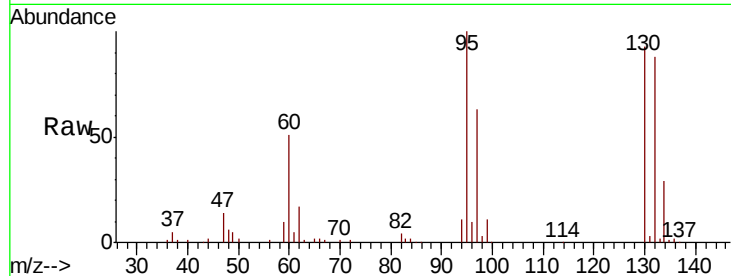




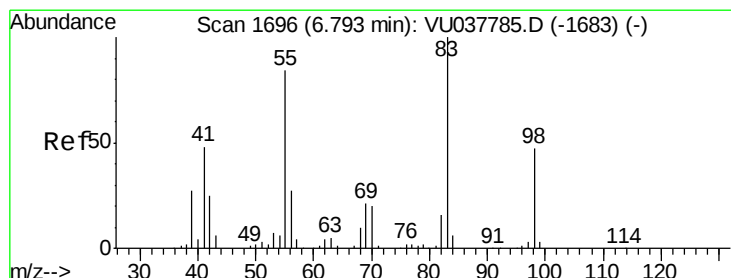
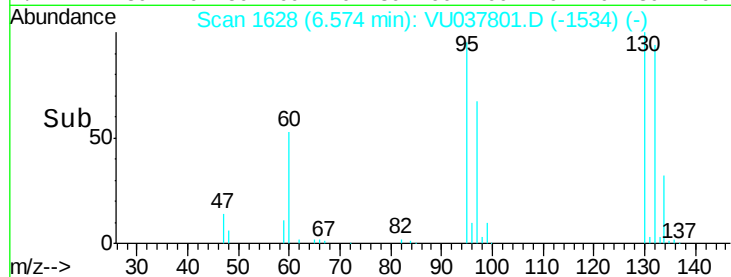
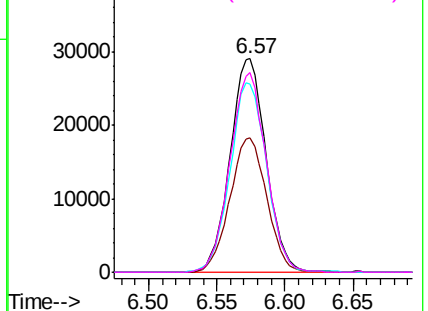
#34
 Trichloroethene
 Concen: 2.558 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037801.D
 Acq: 18 Apr 2020 03:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 53177
 Ion Ratio Lower Upper
 95 100
 97 62.8 45.4 84.2
 132 88.0 63.7 118.3
 130 93.4 68.7 127.5

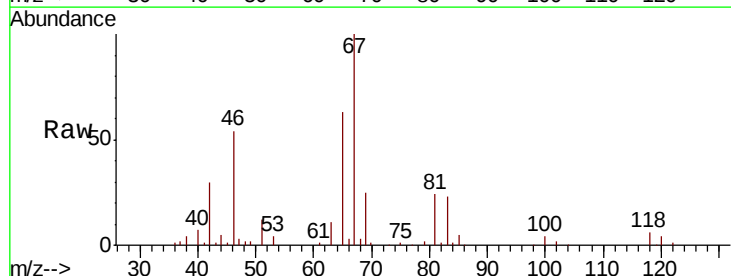


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

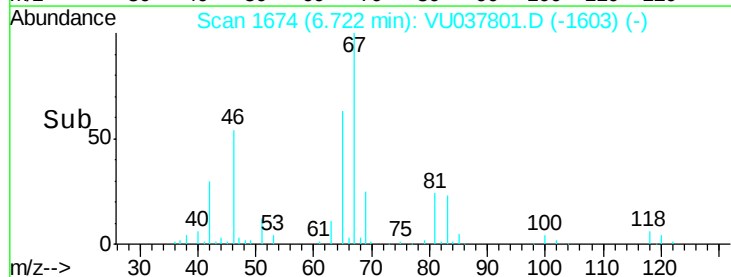
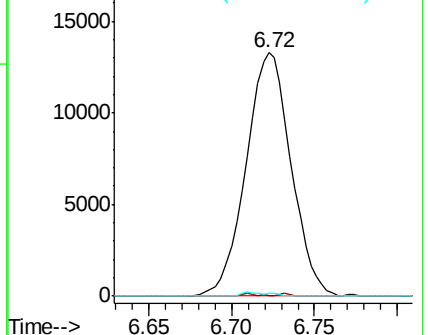


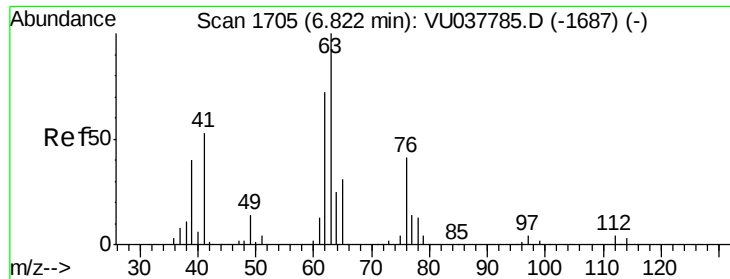
#35
 Methylcyclohexane
 Concen: 0.688 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037801.D
 Acq: 18 Apr 2020 03:33

Tgt Ion: 83 Resp: 25071
 Ion Ratio Lower Upper
 83 100
 55 0.3 65.5 98.3#
 98 0.0 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

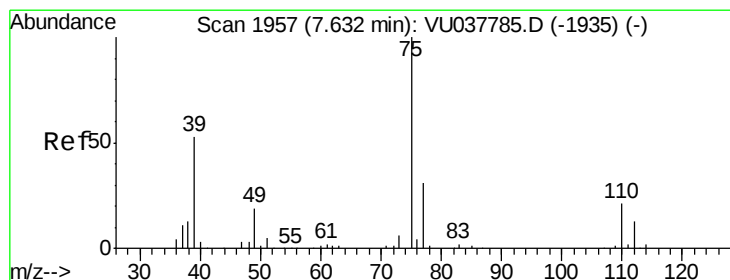
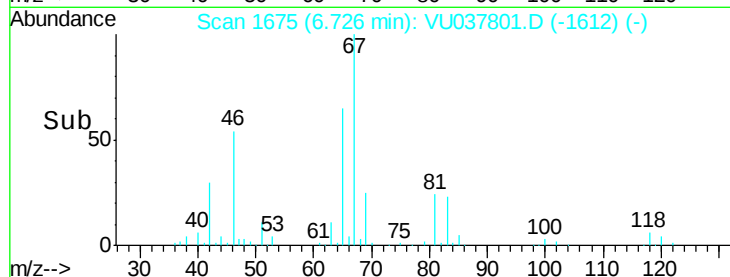
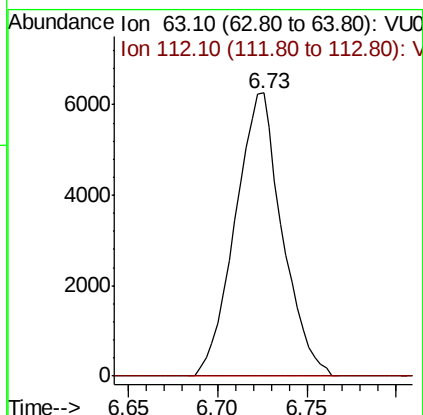
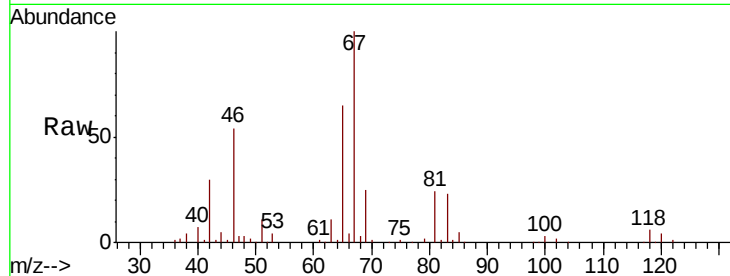




#37
 1,2-Dichloropropane
 Concen: 0.514 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037801.D
 Acq: 18 Apr 2020 03:33

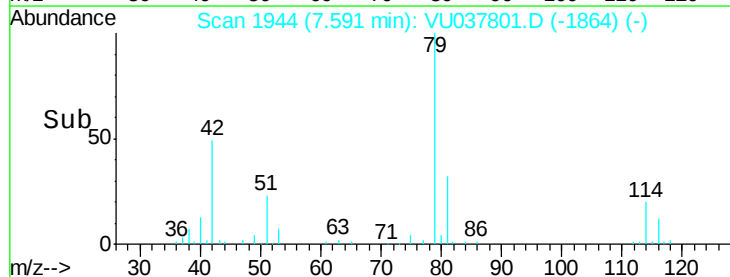
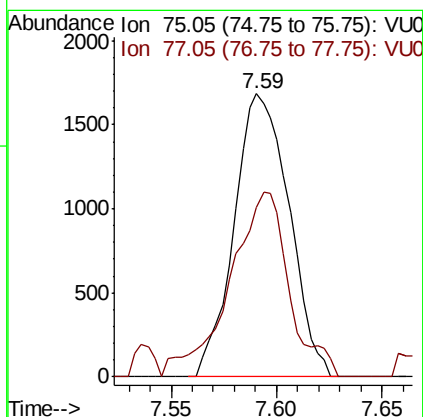
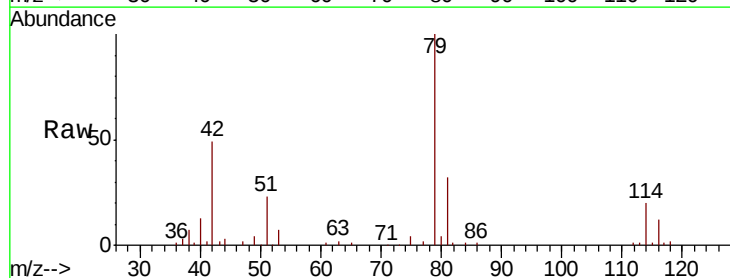
Instrument :
 MSVOA_U
 ClientSampleId :

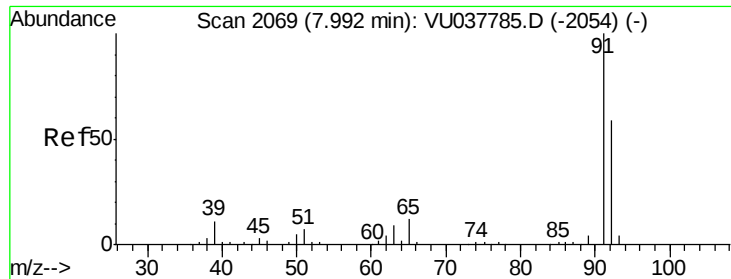
Tot Ion: 63 Resp: 11528
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037801.D
 Acq: 18 Apr 2020 03:33

Tgt Ion: 75 Resp: 3045
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.2 41.2#





#42

Toluene

Concen: 0.243 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037801.D

Acq: 18 Apr 2020 03:33

Instrument :

MSVOA_U

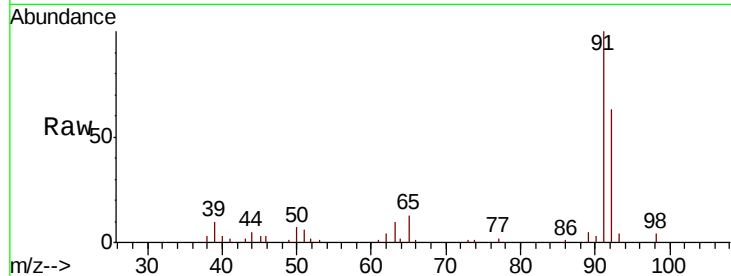
ClientSampled :

Tot Ion: 91 Resp: 21498

Ion Ratio Lower Upper

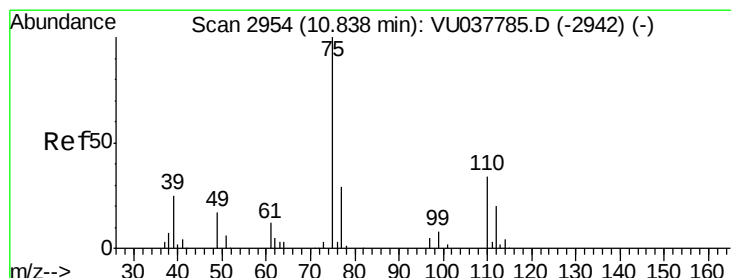
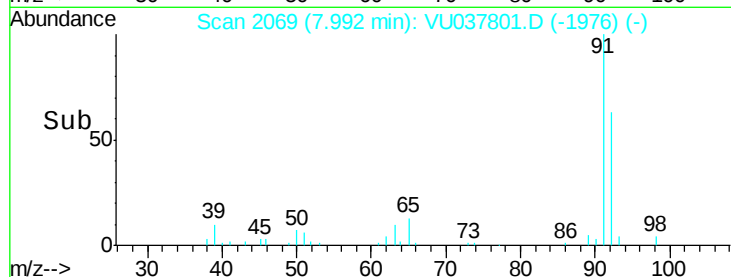
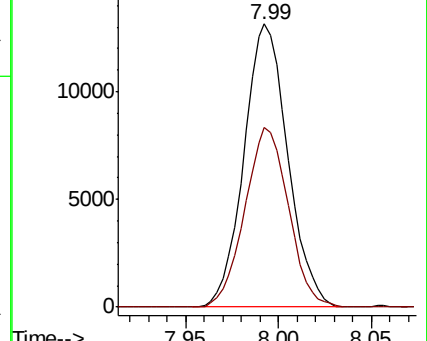
91 100

92 63.5 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU037785.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU037785.D (-2054) (-)



#59

1,2,3-Trichloropropane

Concen: 1.182 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037801.D

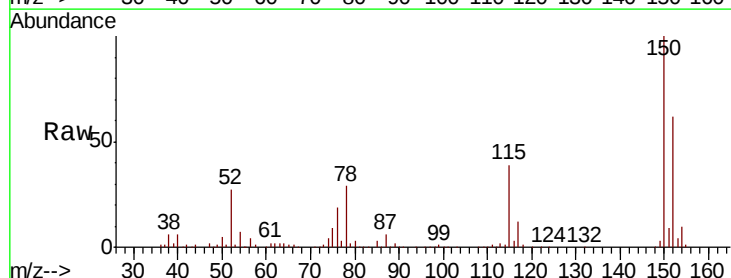
Acq: 18 Apr 2020 03:33

Tgt Ion: 75 Resp: 17348

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037785.D (-2942) (-)

Ion 77.00 (76.70 to 77.70): VU037785.D (-2942) (-)

