

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037482.D
 Acq On : 31 Mar 2020 01:09
 Operator : JC/MD
 Sample : L2002-12DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	96538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	92758	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28792	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	25500	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	42388	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.67	46	102370	52.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.40%
24) Chloroform-d	5.10	84	61179	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.74	65	34276	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	119256	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	40171	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.93	98	109319	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.20	79	17422	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.66	63	86027	51.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34025	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	39005	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

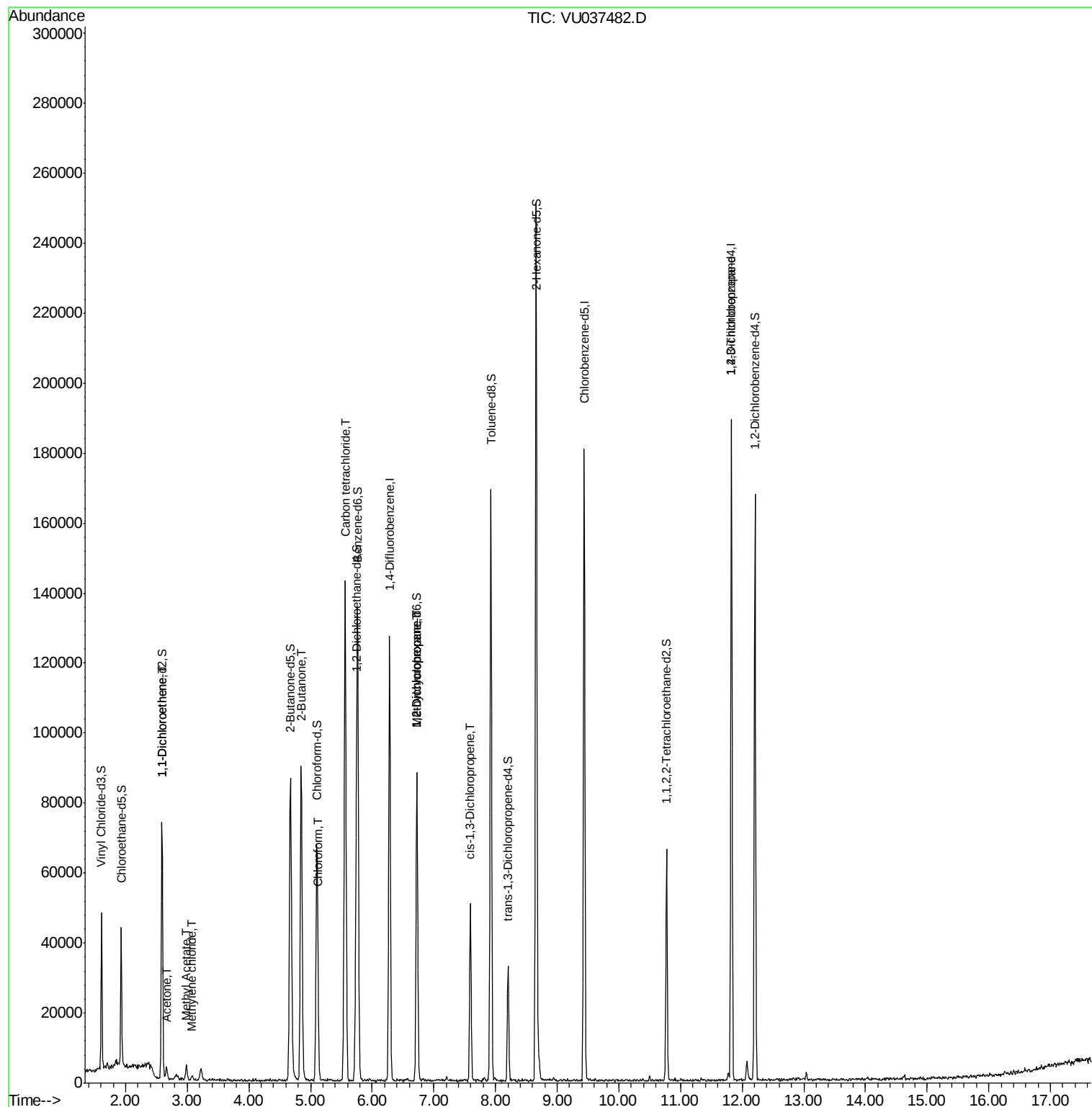
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	388	0.061	ug/L #	1
13) Acetone	2.66	43	3730	3.342	ug/L	94
15) Methyl Acetate	2.98	43	5032	1.614	ug/L	97
16) Methylene chloride	3.08	84	535	0.075	ug/L	93
21) 2-Butanone	4.85	43	118121	62.257	ug/L #	46
25) Chloroform	5.13	83	2616	0.200	ug/L	78
31) Carbon tetrachloride	5.56	117	93626	9.301	ug/L	98
35) Methylcyclohexane	6.73	83	9048	0.731	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	4521	0.637	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1255	0.108	ug/L #	37
59) 1,2,3-Trichloropropane	11.83	75	6487	1.313	ug/L	91

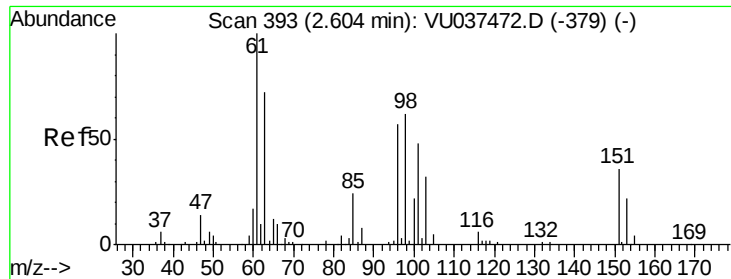
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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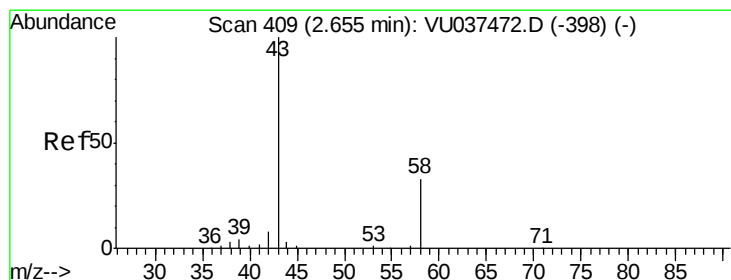
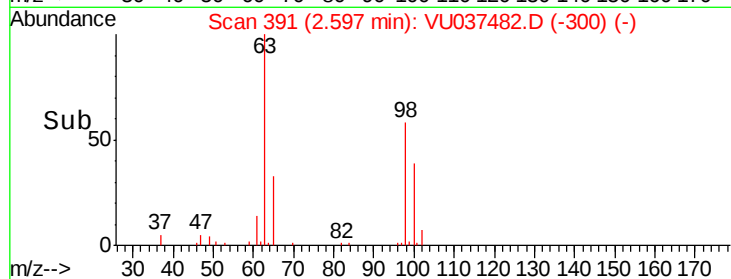
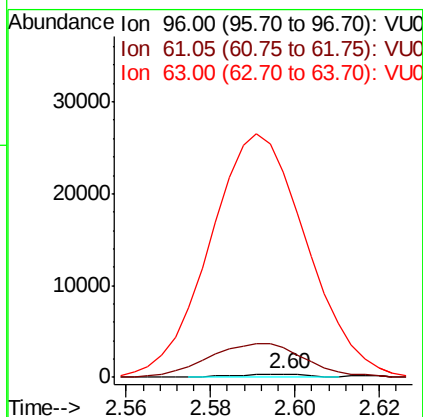
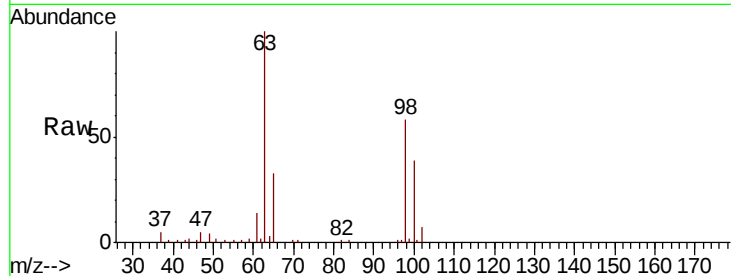




#12
 1,1-Dichloroethene
 Concen: 0.061 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU037482.D
 Acq: 31 Mar 2020 01:09

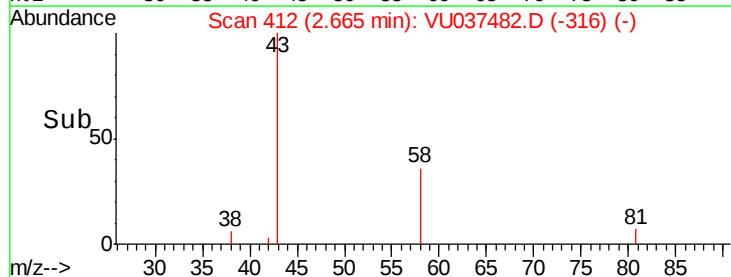
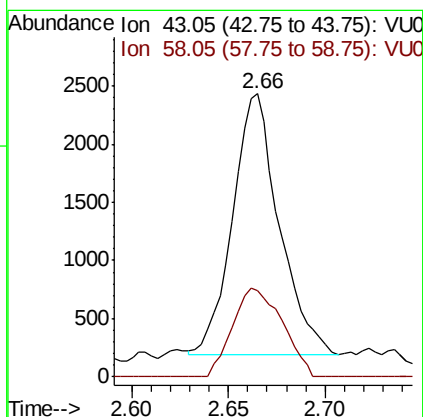
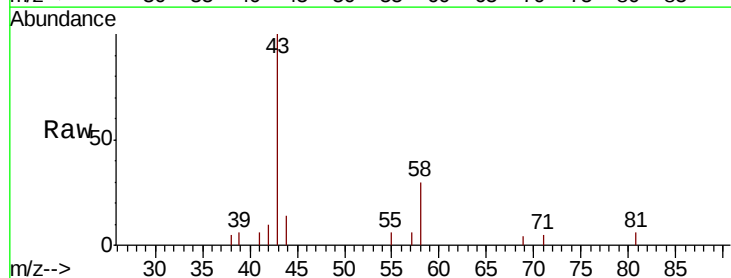
Instrument :
 MSVOA_U
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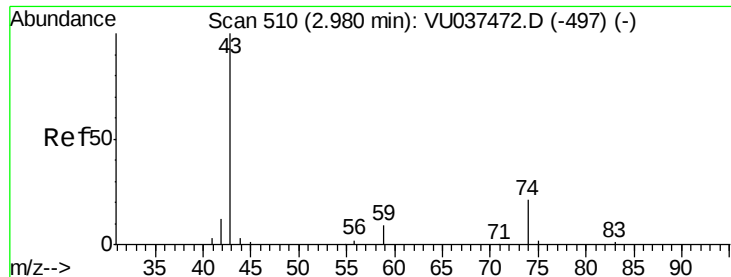
Tot Ion: 96 Resp: 388
 Ion Ratio Lower Upper
 96 100
 61 1005.0 125.4 232.8#
 63 6982.5 90.9 168.7#



#13
 Acetone
 Concen: 3.342 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: VU037482.D
 Acq: 31 Mar 2020 01:09

Tgt Ion: 43 Resp: 3730
 Ion Ratio Lower Upper
 43 100
 58 36.4 0.0 66.0

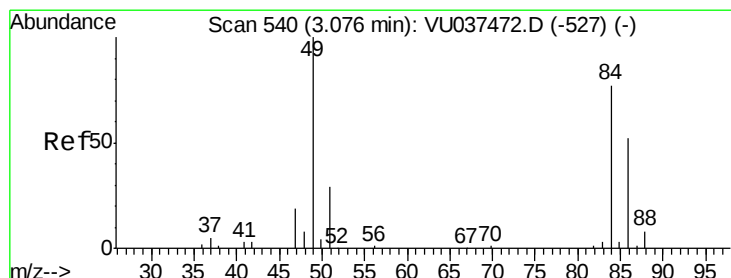
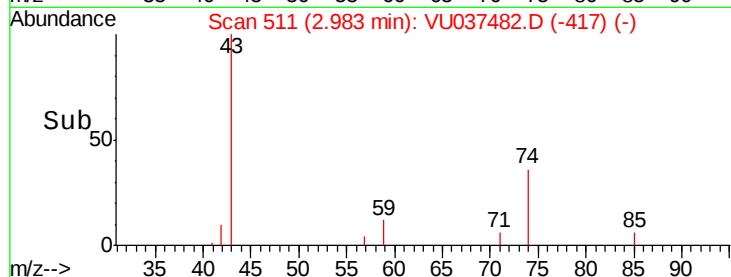
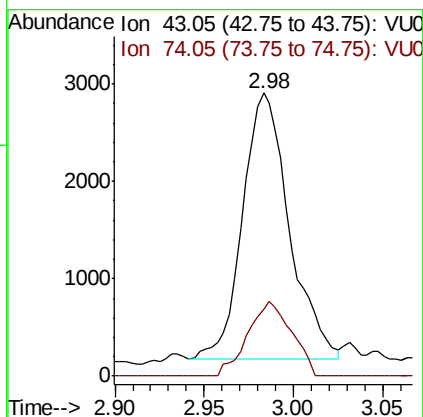
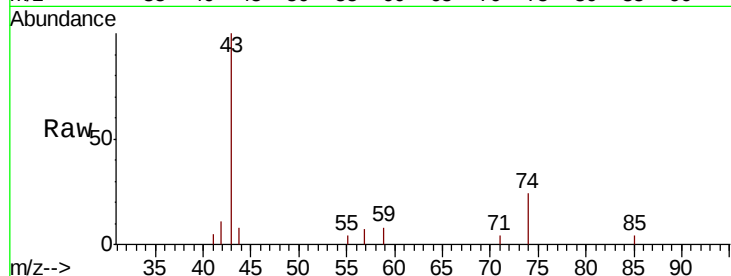




#15
Methyl Acetate
Concen: 1.614 ug/L
RT: 2.98 min Scan# 511
Delta R.T. 0.00 min
Lab File: VU037482.D
Acq: 31 Mar 2020 01:09

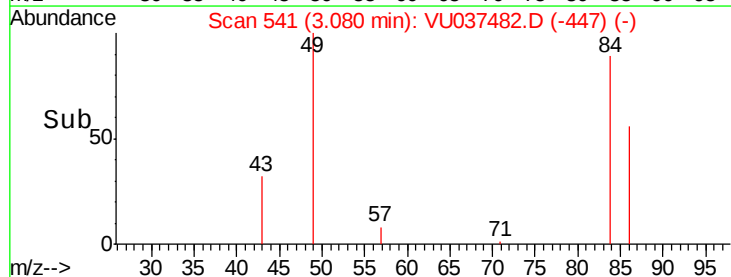
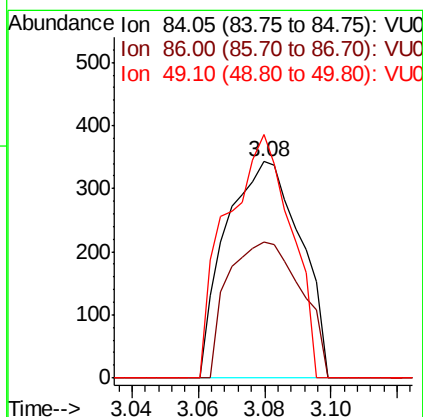
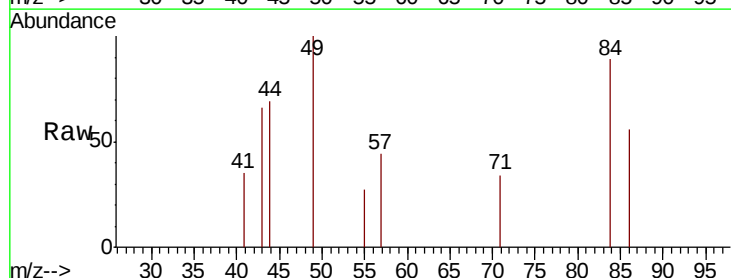
Instrument :
MSVOA_U
ClientSampled :

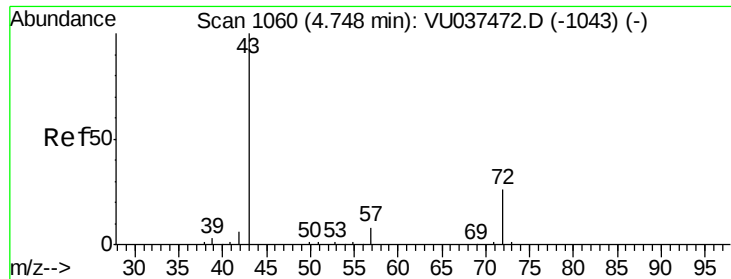
Tot Ion: 43 Resp: 5032
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6



#16
Methylene chloride
Concen: 0.075 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037482.D
Acq: 31 Mar 2020 01:09

Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
86 63.0 43.6 81.0
49 112.5 86.4 160.4





#21

2-Butanone

Concen: 62.257 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.10 min

Lab File: VU037482.D

Acq: 31 Mar 2020 01:09

Instrument :

MSVOA_U

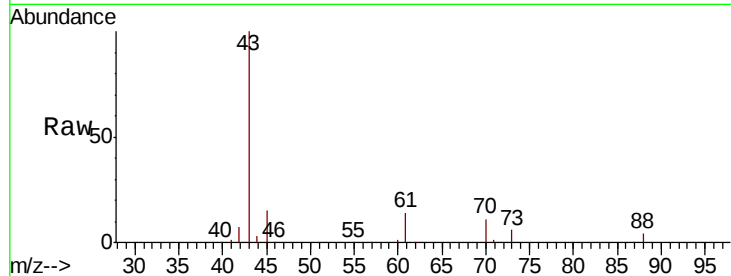
ClientSampleId :

Tot Ion: 43 Resp: 118121

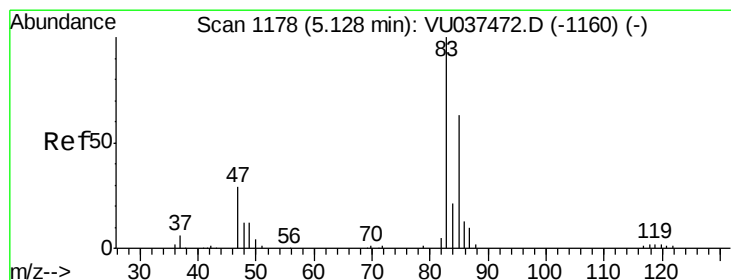
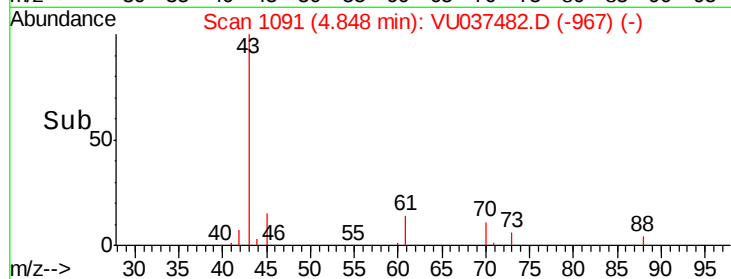
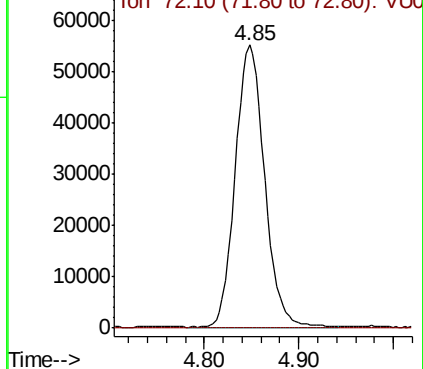
Ion Ratio Lower Upper

43 100

72 0.0 14.2 42.6#



Abundance Ion 43.05 (42.75 to 43.75): VU037482.D (-967) (-)



#25

Chloroform

Concen: 0.200 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037482.D

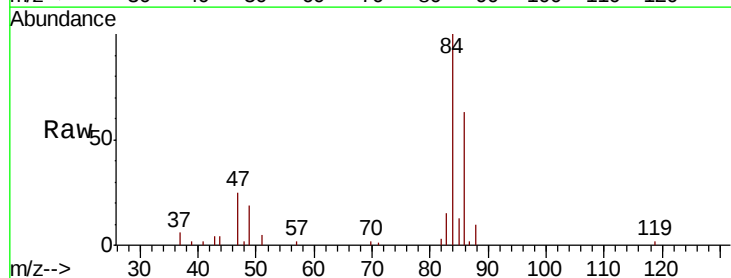
Acq: 31 Mar 2020 01:09

Tgt Ion: 83 Resp: 2616

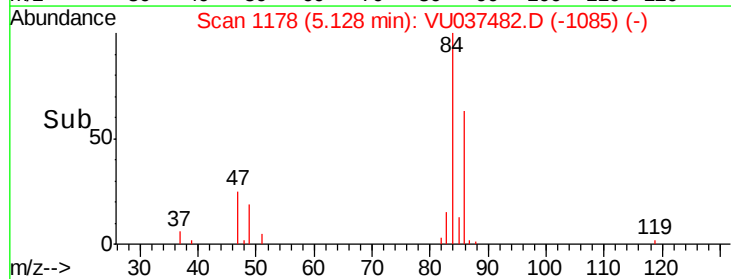
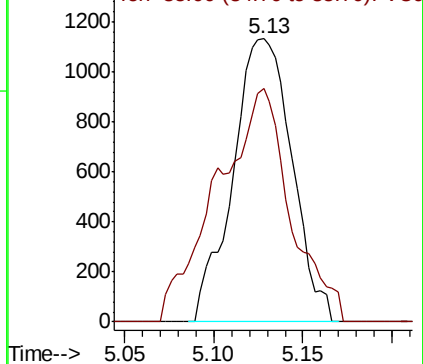
Ion Ratio Lower Upper

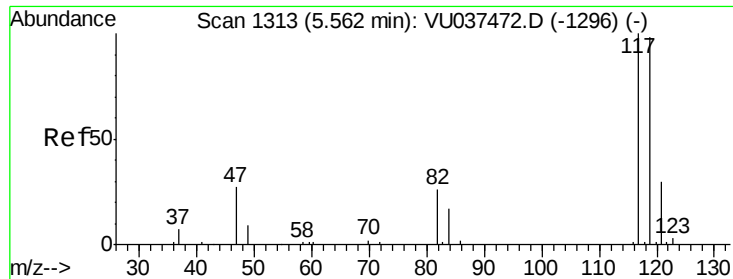
83 100

85 82.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037482.D (-1085) (-)

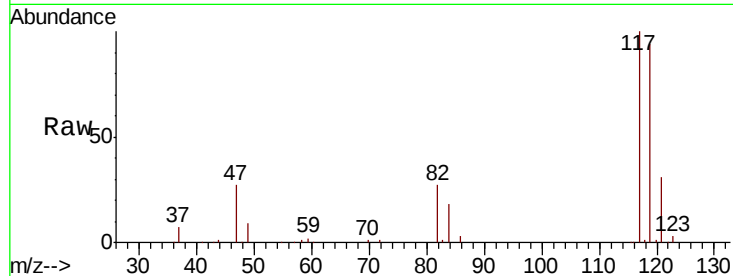




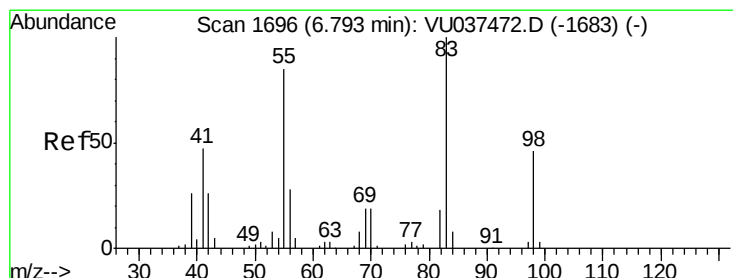
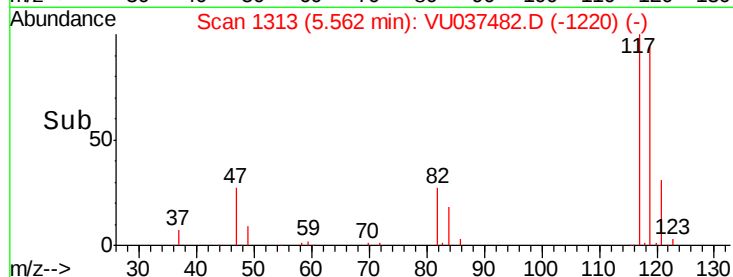
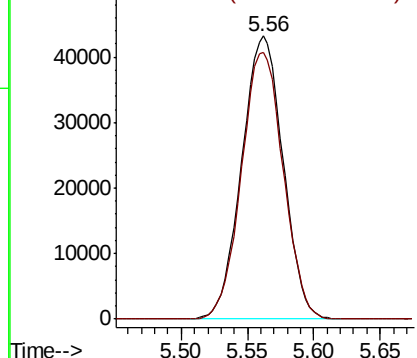
#31
Carbon tetrachloride
Concen: 9.301 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037482.D
Acq: 31 Mar 2020 01:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 93626
Ion Ratio Lower Upper
117 100
119 95.3 77.7 116.5

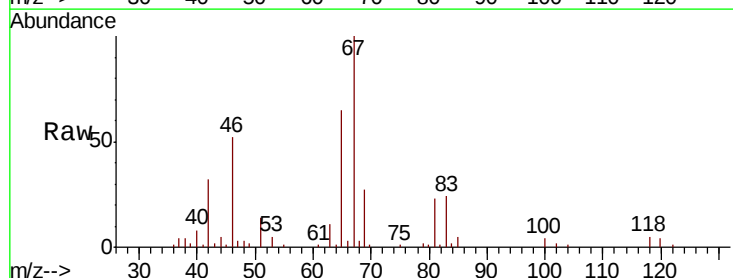


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

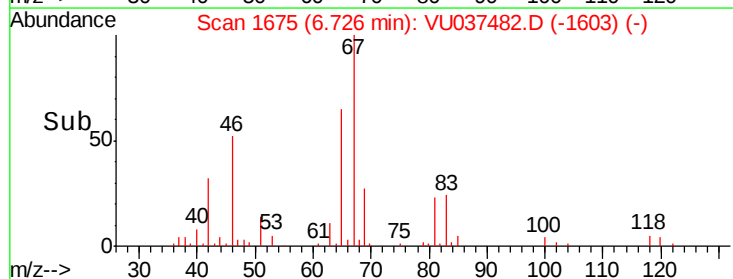
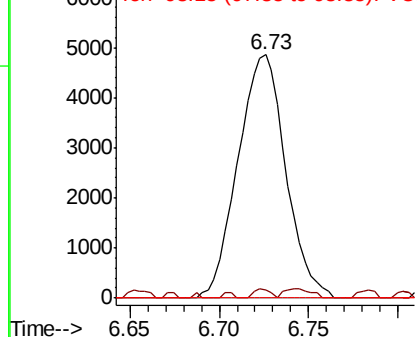


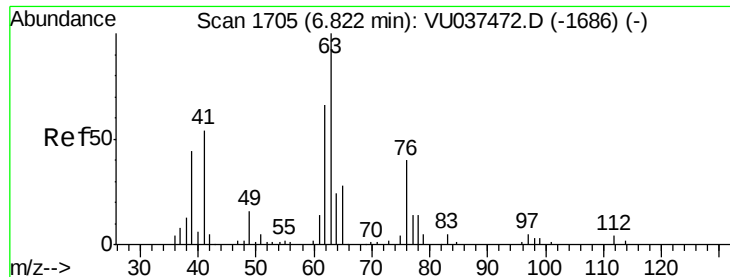
#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037482.D
Acq: 31 Mar 2020 01:09

Tgt Ion: 83 Resp: 9048
Ion Ratio Lower Upper
83 100
55 1.3 64.2 96.4#
98 0.0 36.3 54.5#



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

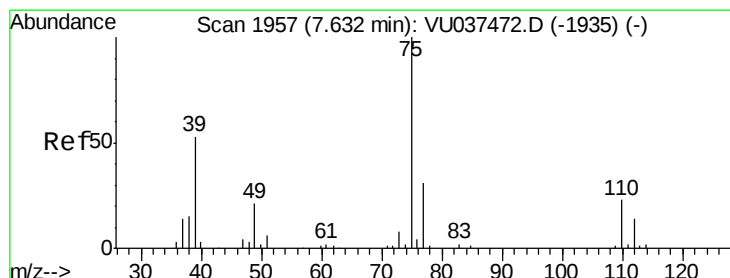
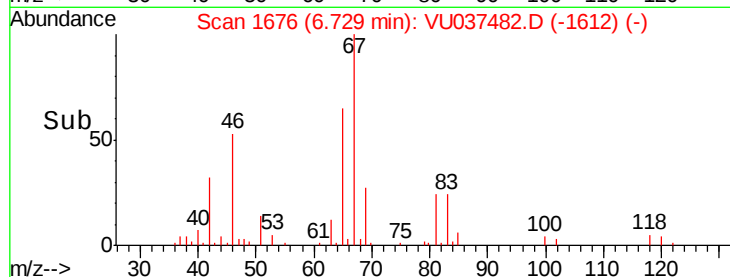
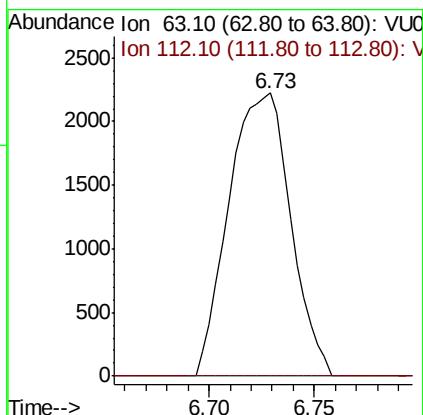
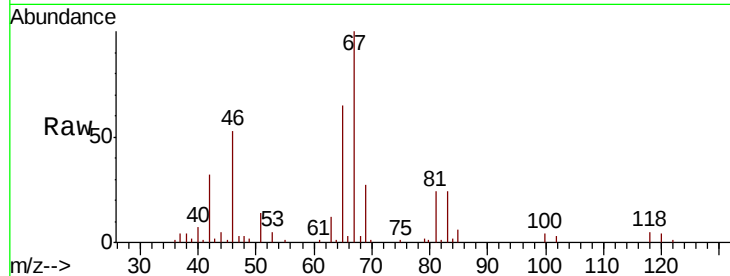




#37
 1,2-Dichloropropane
 Concen: 0.637 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.09 min
 Lab File: VU037482.D
 Acq: 31 Mar 2020 01:09

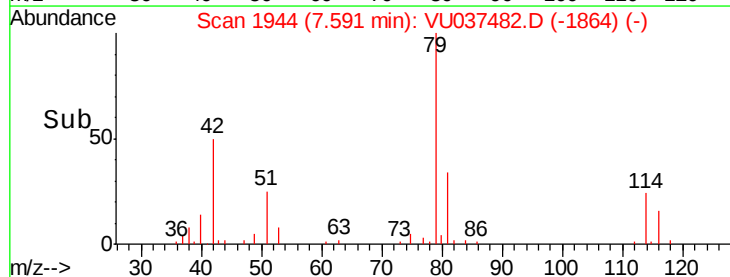
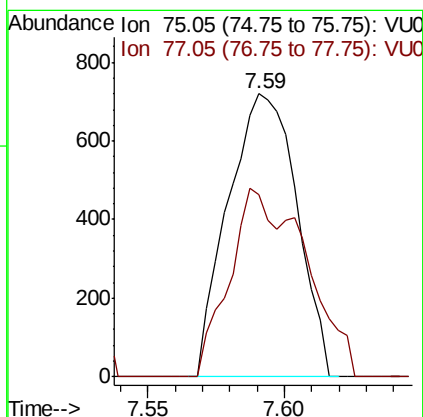
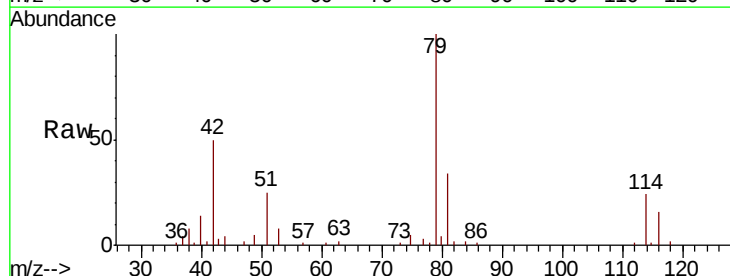
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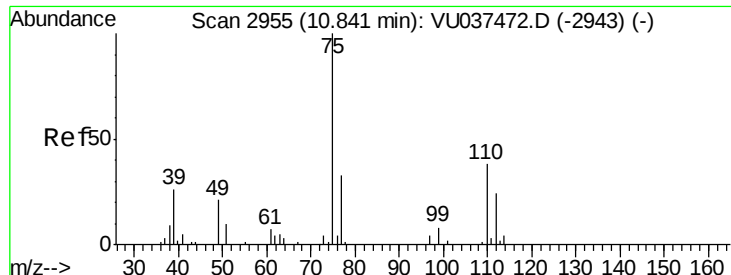
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 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037482.D
 Acq: 31 Mar 2020 01:09

Tgt Ion: 75 Resp: 1255
 Ion Ratio Lower Upper
 75 100
 77 64.3 21.1 39.3#





#59
 1,2,3-Trichloropropane
 Concen: 1.313 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037482.D
 Acq: 31 Mar 2020 01:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6487
 Ion Ratio Lower Upper
 75 100
 77 39.4 27.4 41.2

