

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035127.D
 Acq On : 12 Oct 2019 07:19
 Operator : JC/SP
 Sample : K5309-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166045	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52456	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.68	69	49605	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.26	63	77712	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	153139	52.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	4.62	84	100553	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.29	65	56940	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.32	84	191101	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.31	67	68878	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.55	98	166496	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.84	79	19370	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.30	63	111956	46.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59098	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	61184	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

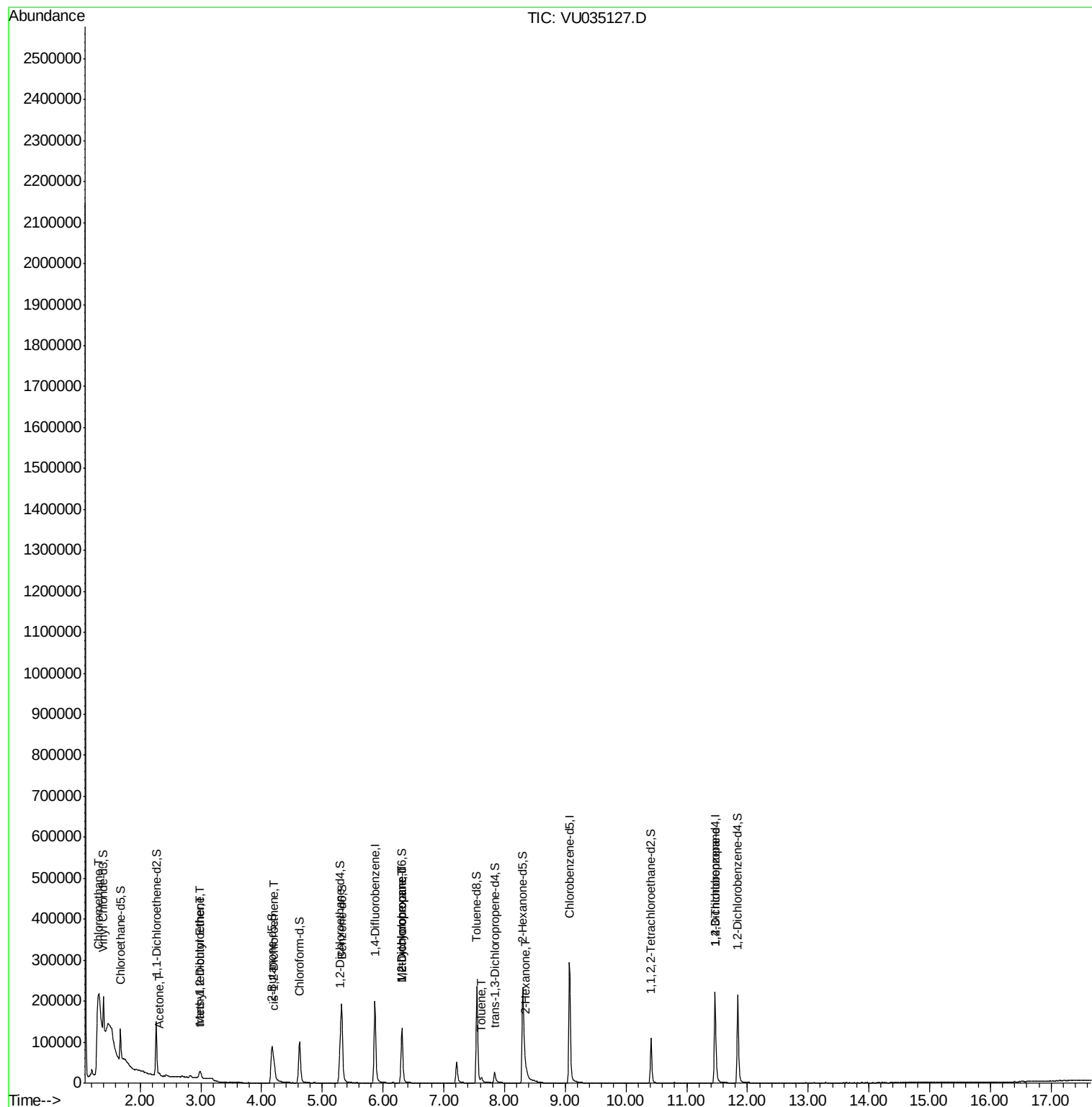
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	15776	0.948	ug/L #	59
13) Acetone	2.31	43	5981	2.526	ug/L	96
17) Methyl tert-butyl Ether	2.99	73	15633	0.537	ug/L #	95
18) trans-1,2-Dichloroethene	2.97	96	720	0.063	ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	18687	1.467	ug/L	96
35) Methylcyclohexane	6.31	83	15164	0.678	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7700	0.533	ug/L #	88
42) Toluene	7.62	91	9045	0.162	ug/L	89
48) 2-Hexanone	8.35	43	6628	1.063	ug/L #	58
59) 1,2,3-Trichloropropane	11.47	75	9502	1.016	ug/L	100

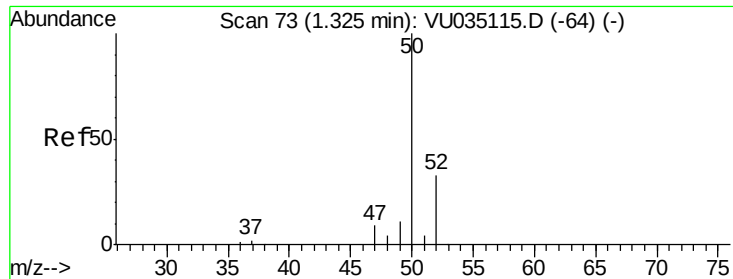
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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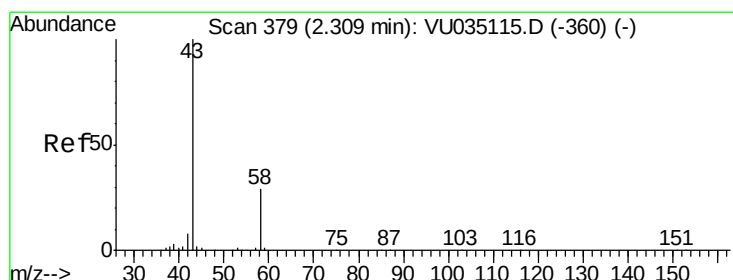
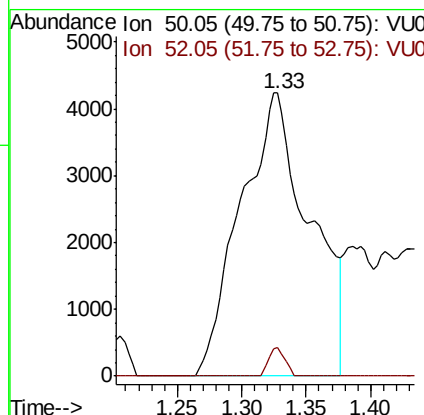
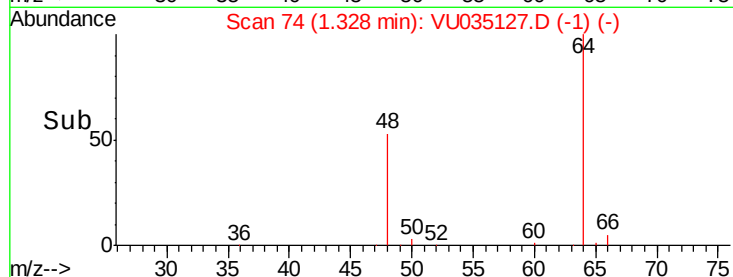
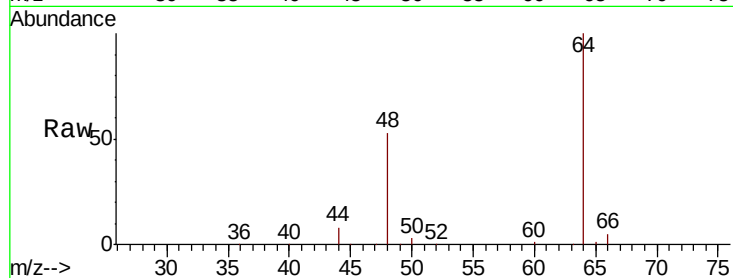




#3
 Chloromethane
 Concen: 0.948 ug/L
 RT: 1.33 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: VU035127.D
 Acq: 12 Oct 2019 07:19

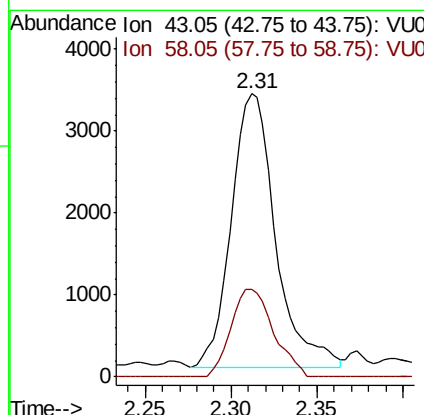
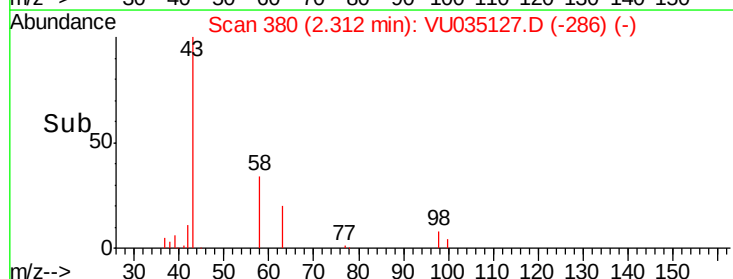
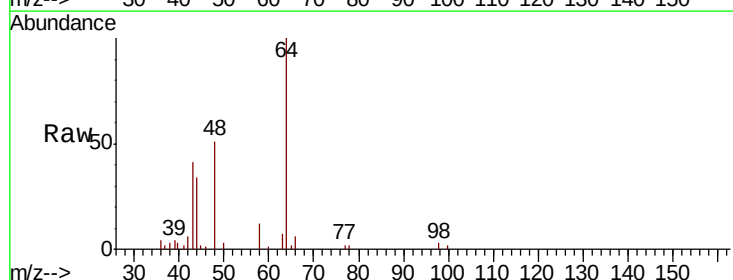
Instrument :
 MSVOA_U
 ClientSampleId :

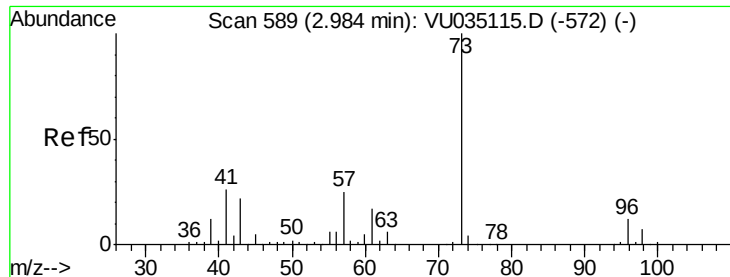
Tot Ion: 50 Resp: 15776
 Ion Ratio Lower Upper
 50 100
 52 10.2 23.3 43.3#



#13
 Acetone
 Concen: 2.526 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VU035127.D
 Acq: 12 Oct 2019 07:19

Tgt Ion: 43 Resp: 5981
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 66.6

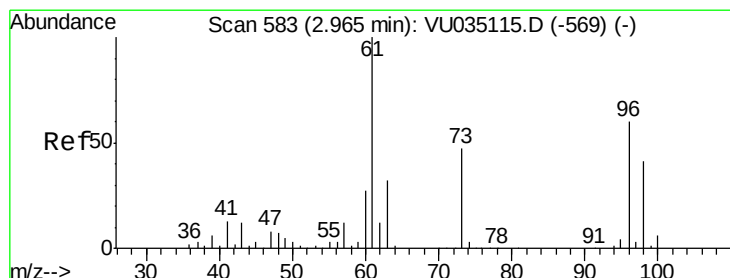
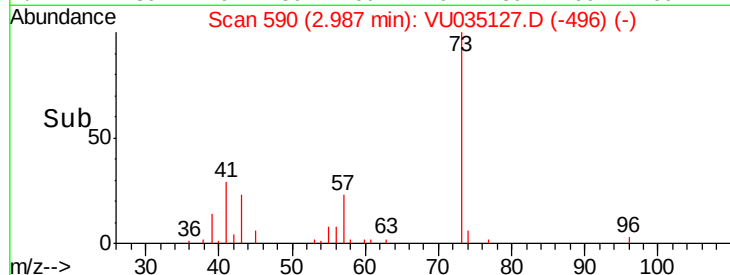
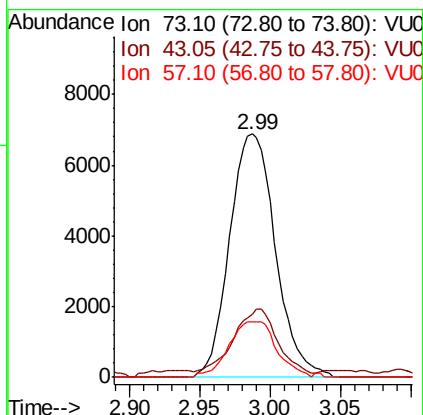
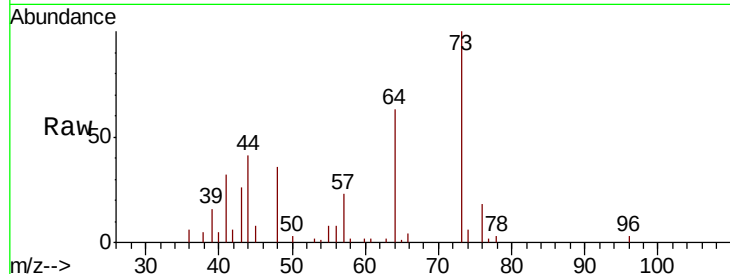




#17
Methyl tert-butyl Ether
Concen: 0.537 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035127.D
Acq: 12 Oct 2019 07:19

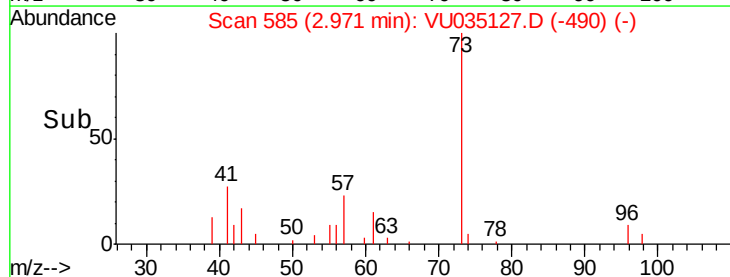
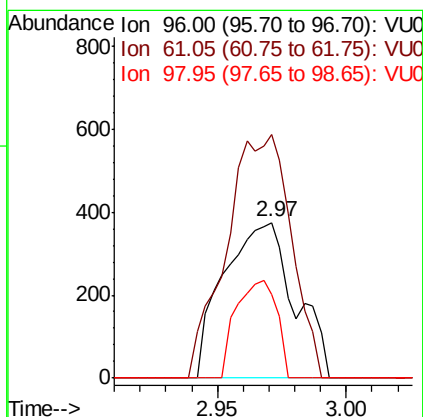
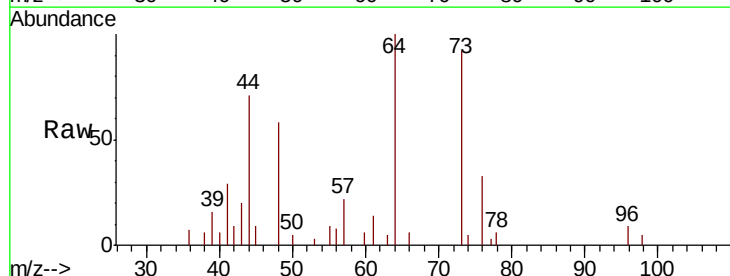
Instrument :
MSVOA_U
ClientSampleId :

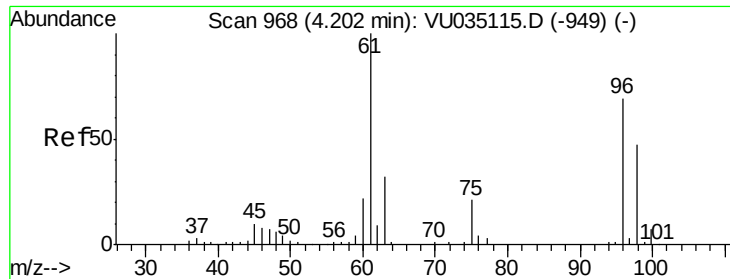
Tot Ion: 73 Resp: 15633
Ion Ratio Lower Upper
73 100
43 24.9 16.3 24.5#
57 23.7 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 2.97 min Scan# 585
Delta R.T. 0.01 min
Lab File: VU035127.D
Acq: 12 Oct 2019 07:19

Tgt Ion: 96 Resp: 720
Ion Ratio Lower Upper
96 100
61 156.4 107.1 198.9
98 53.5 45.4 84.4





#22

cis-1,2-Dichloroethene

Concen: 1.467 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035127.D

Acq: 12 Oct 2019 07:19

Instrument :
MSVOA_U
ClientSampleId :

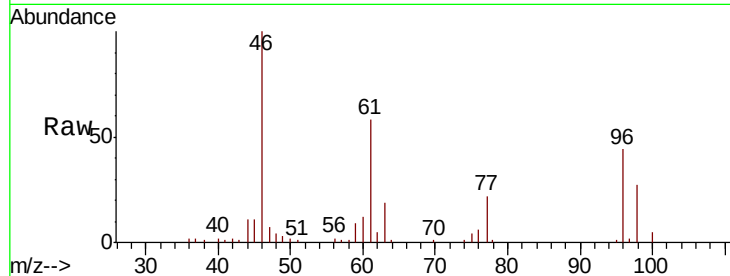
Tot Ion: 96 Resp: 18687

Ion Ratio Lower Upper

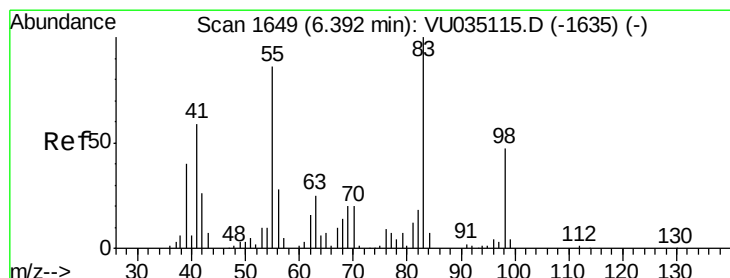
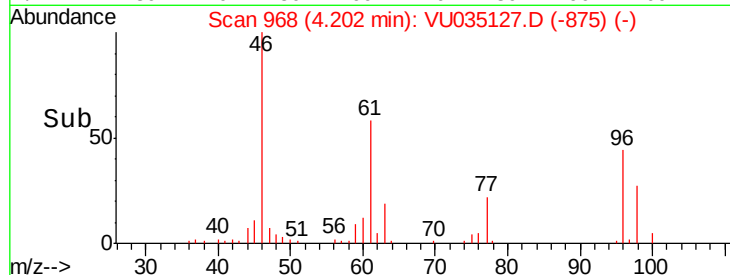
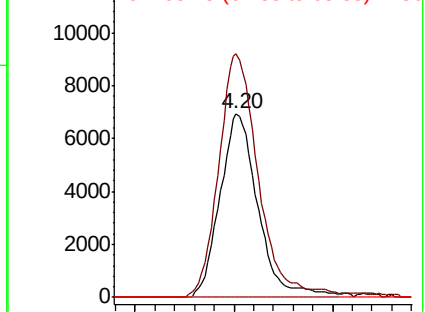
96 100

61 132.3 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#35

Methylcyclohexane

Concen: 0.678 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035127.D

Acq: 12 Oct 2019 07:19

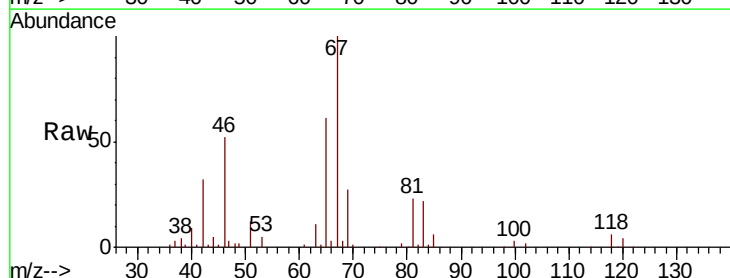
Tgt Ion: 83 Resp: 15164

Ion Ratio Lower Upper

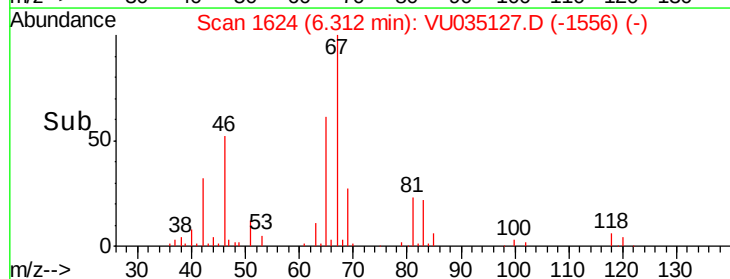
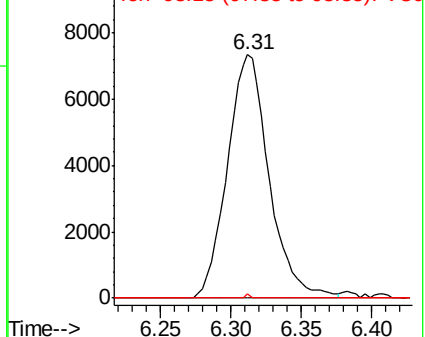
83 100

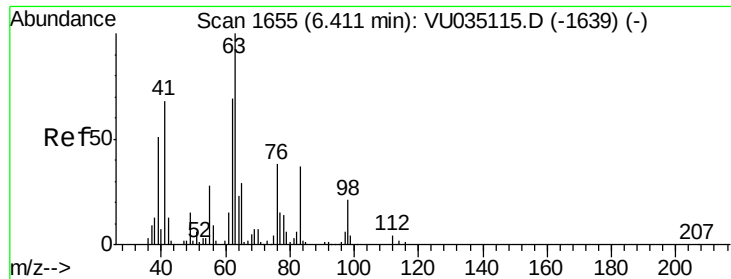
55 0.0 62.6 94.0#

98 0.2 36.2 54.2#



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

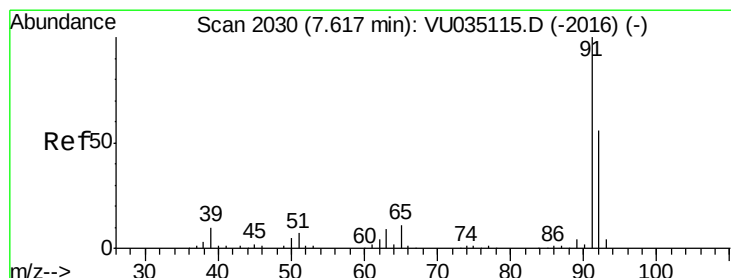
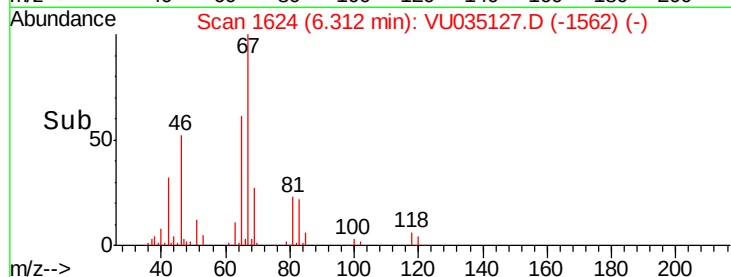
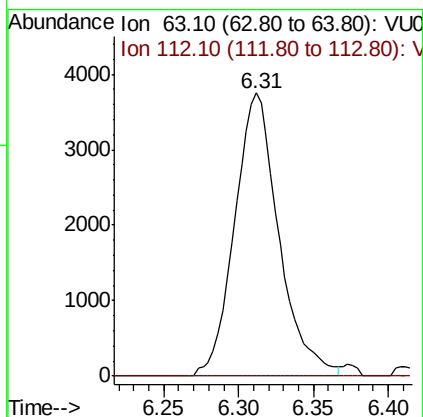
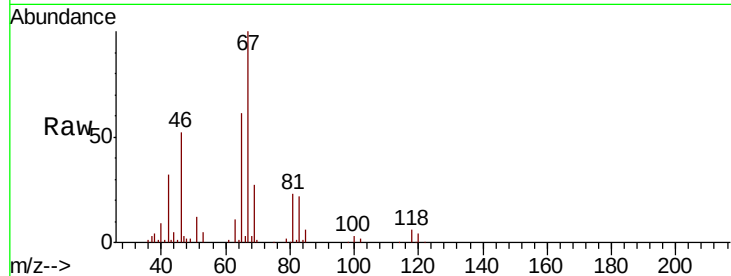




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU035127.D
 Acq: 12 Oct 2019 07:19

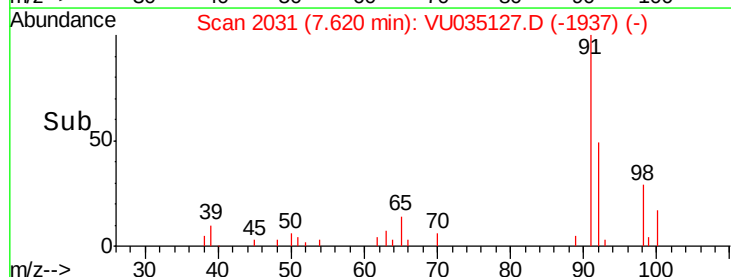
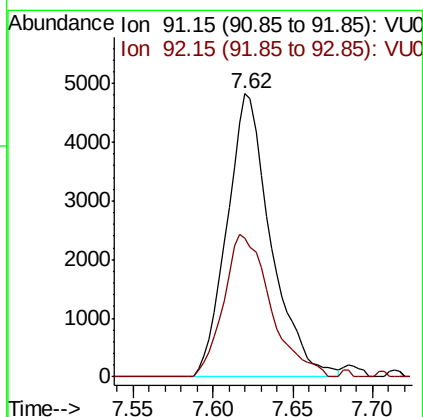
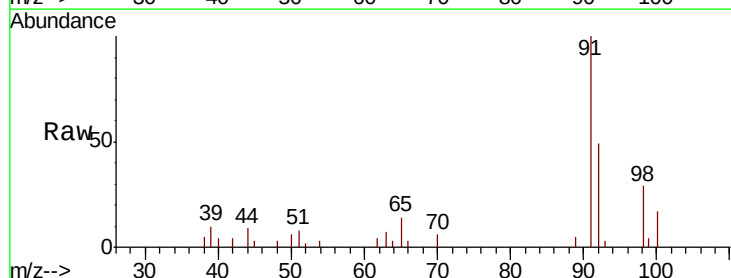
Instrument :
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 ClientSampleId :

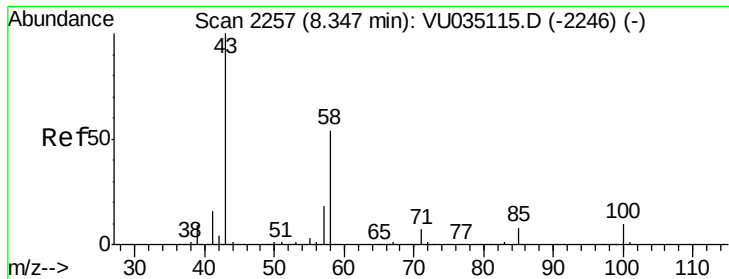
Tot Ion: 63 Resp: 7700
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.162 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU035127.D
 Acq: 12 Oct 2019 07:19

Tgt Ion: 91 Resp: 9045
 Ion Ratio Lower Upper
 91 100
 92 49.0 40.0 74.2

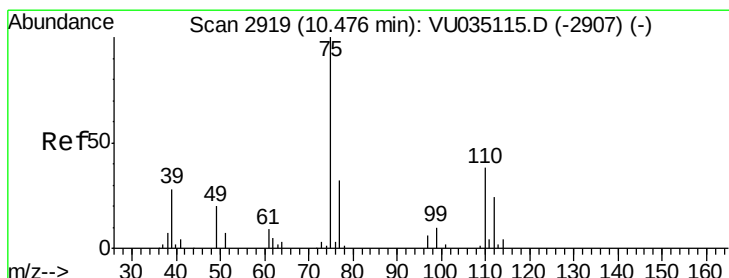
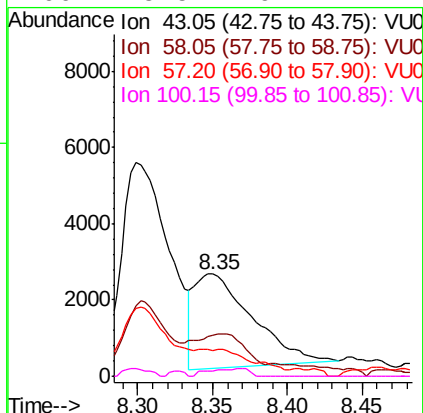
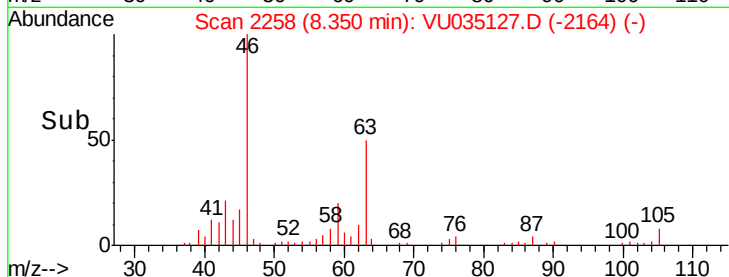
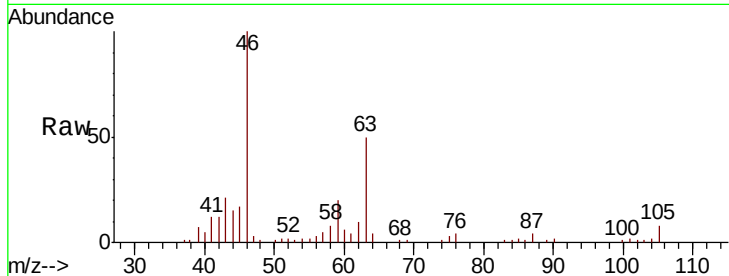




#48
 2-Hexanone
 Concen: 1.063 ug/L
 RT: 8.35 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU035127.D
 Acq: 12 Oct 2019 07:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 6628
 Ion Ratio Lower Upper
 43 100
 58 21.2 44.1 66.1#
 57 0.0 15.8 23.8#
 100 5.5 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.016 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035127.D
 Acq: 12 Oct 2019 07:19

Tgt Ion: 75 Resp: 9502
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.5 39.7

