

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101519\
 Data File : VU035198.D
 Acq On : 15 Oct 2019 19:29
 Operator : JC/SP
 Sample : K5317-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 16 01:11:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 16 01:09:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	143444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	147951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59660	7.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.80%#
7) Chloroethane-d5	1.68	69	53938	6.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.20%#
11) 1,1-Dichloroethene-d2	2.26	63	80729	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.17	46	172507	69.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.16%#
24) Chloroform-d	4.63	84	103482	6.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	130.60%#
26) 1,2-Dichloroethane-d4	5.29	65	64836	6.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.60%#
32) Benzene-d6	5.32	84	210404	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.20%
36) 1,2-Dichloropropane-d6	6.31	67	77467	6.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	133.60%
41) Toluene-d8	7.55	98	176474	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.84	79	22110	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.31	63	113534	57.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.38%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	63663	6.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.20%#
64) 1,2-Dichlorobenzene-d4	11.85	152	55656	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

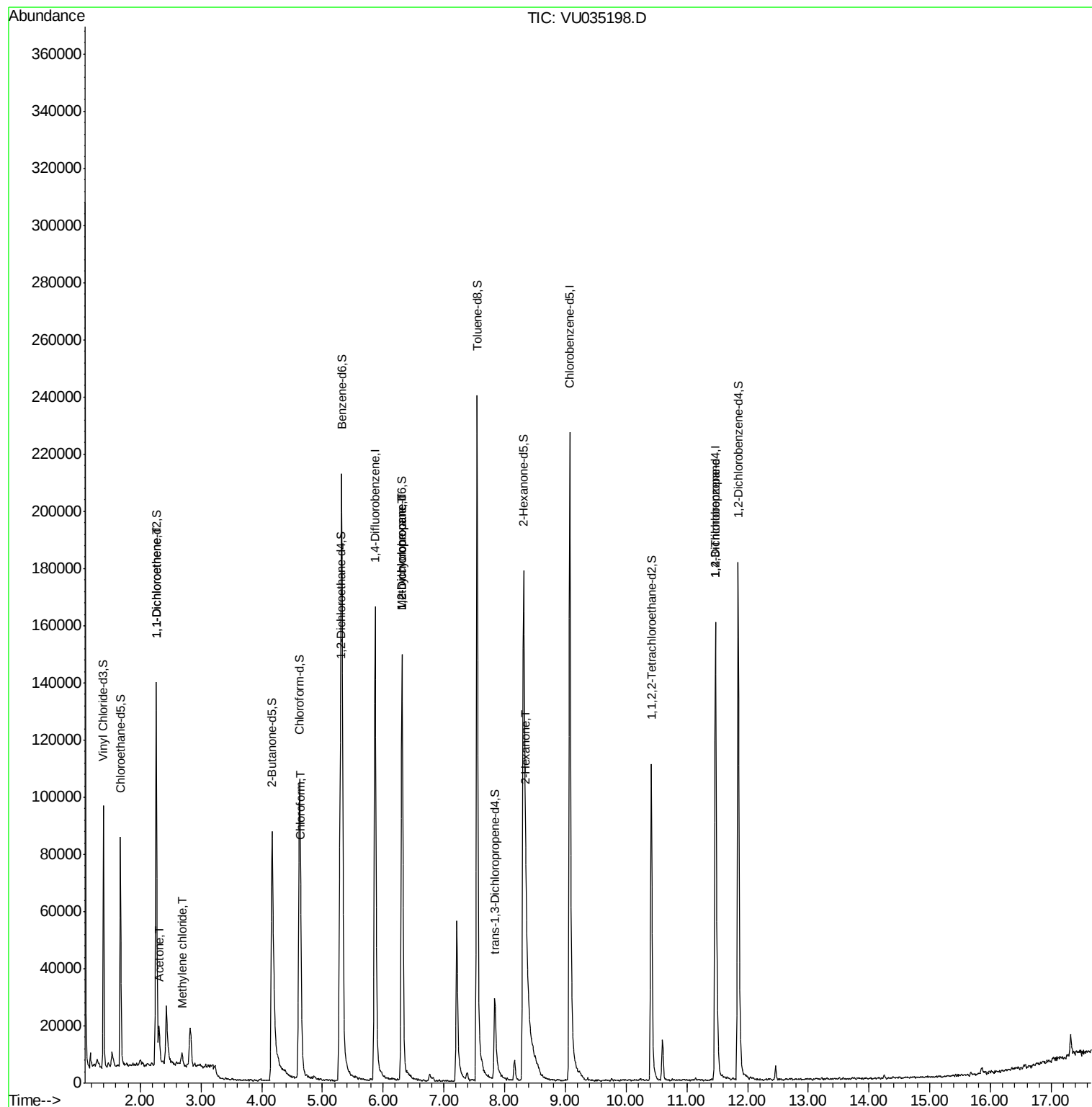
					Ovalue
12) 1,1-Dichloroethene	2.26	96	735	0.080 ug/L #	1
13) Acetone	2.31	43	12333	6.030 ug/L	98
16) Methylene chloride	2.69	84	1570	0.138 ug/L #	62
25) Chloroform	4.65	83	8612	0.391 ug/L	93
35) Methylcyclohexane	6.31	83	16727	0.899 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	8396	0.698 ug/L #	89
48) 2-Hexanone	8.35	43	9516	1.834 ug/L #	47
59) 1,2,3-Trichloropropane	11.47	75	7323	0.941 ug/L	97

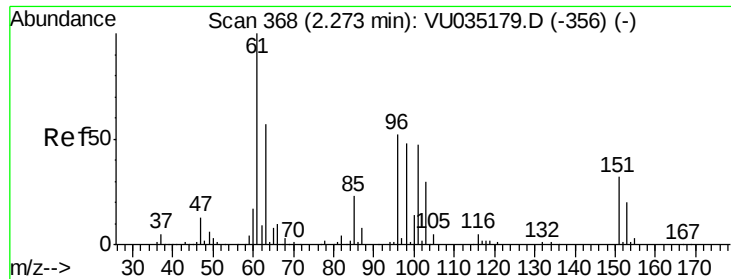
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU035198.D

Acq: 15 Oct 2019 19:29

Instrument :
MSVOA_U
ClientSampled :

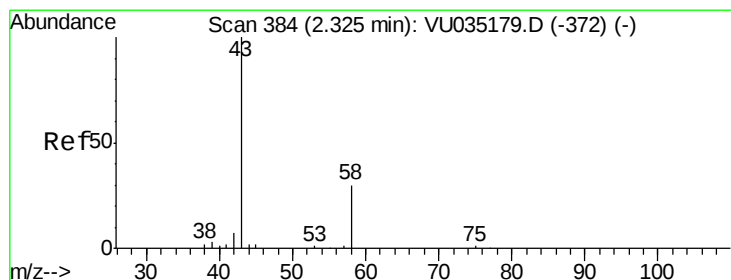
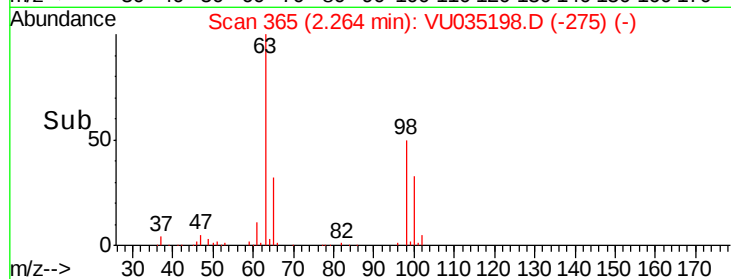
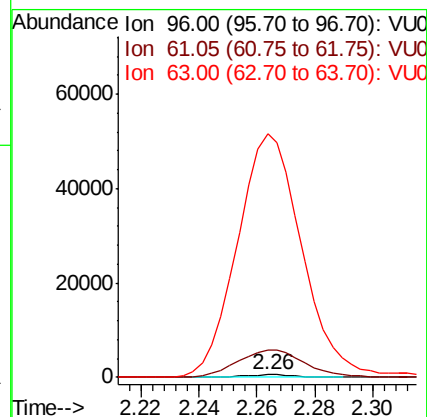
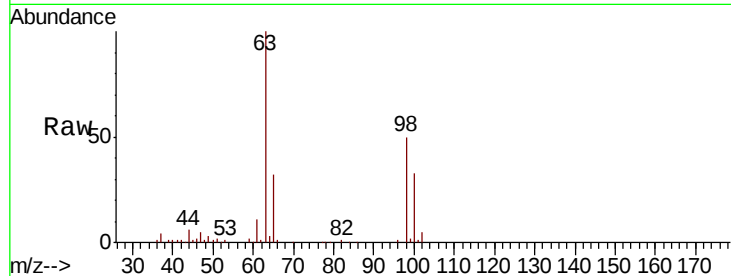
Tot Ion: 96 Resp: 735

Ion Ratio Lower Upper

96 100

61 1074.3 129.3 240.1#

63 9629.9 108.9 202.3#



#13

Acetone

Concen: 6.030 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU035198.D

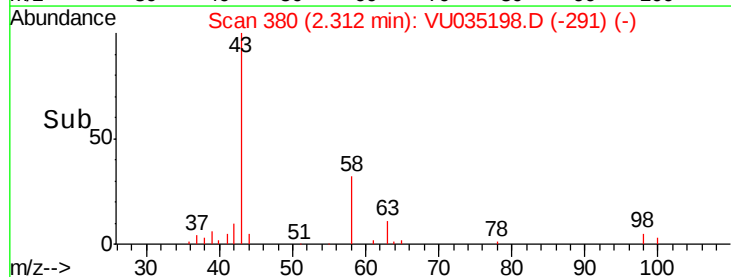
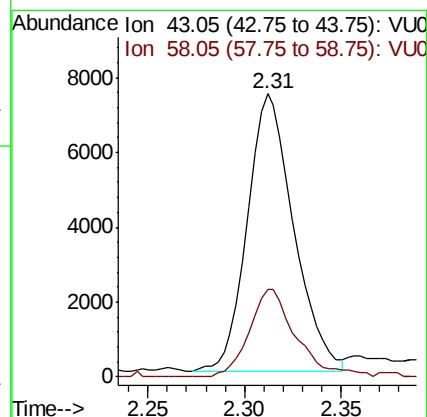
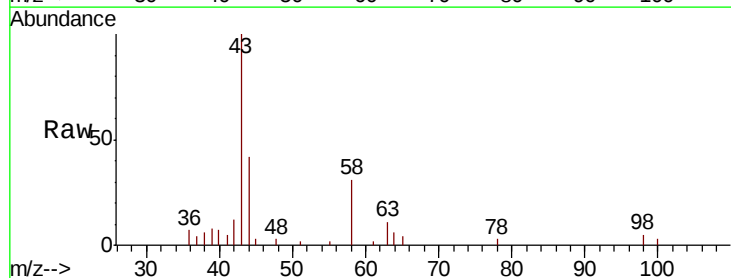
Acq: 15 Oct 2019 19:29

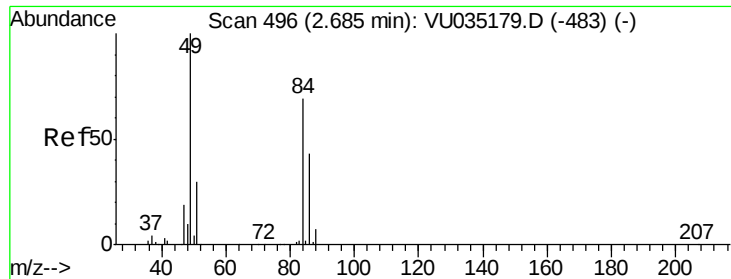
Tgt Ion: 43 Resp: 12333

Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.6

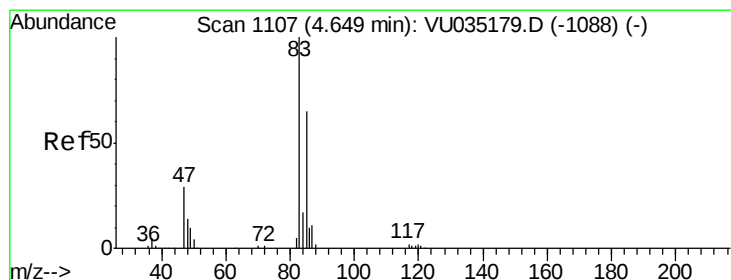
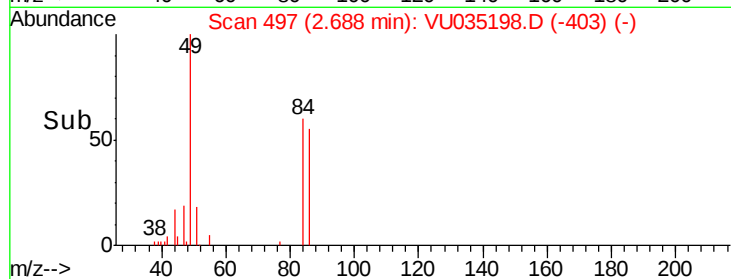
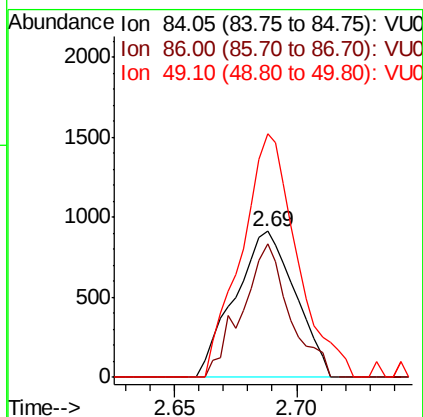
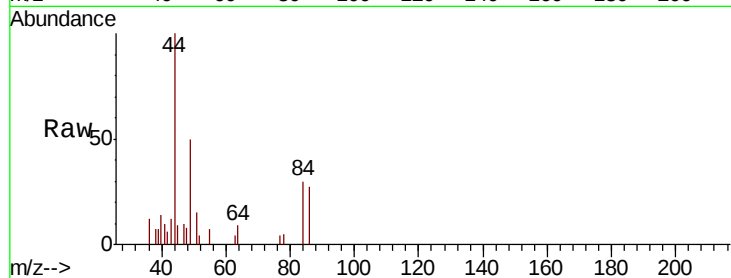




#16
Methvlene chloride
Concen: 0.138 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035198.D
Acq: 15 Oct 2019 19:29

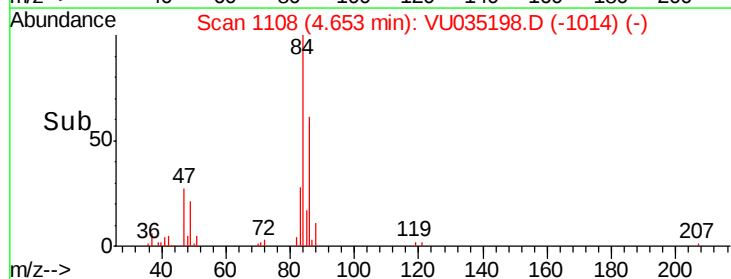
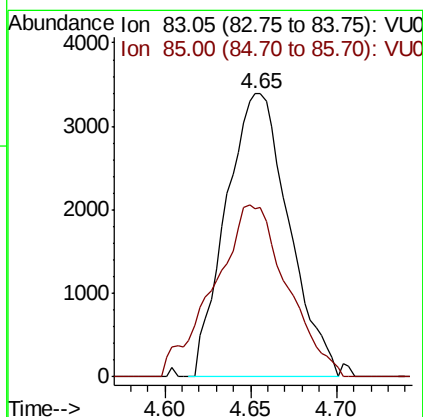
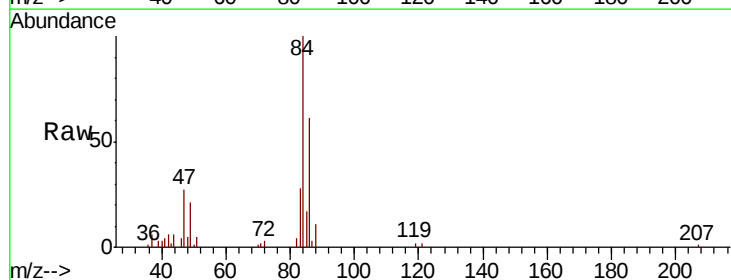
Instrument :
MSVOA_U
ClientSampleId :

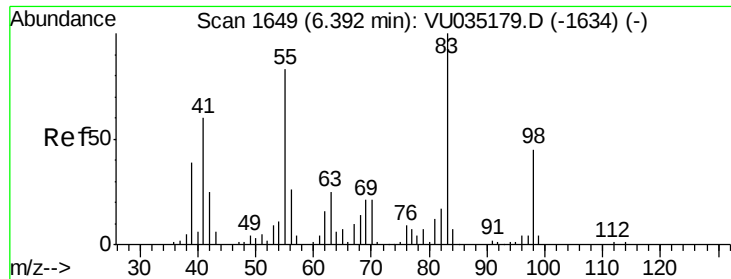
Tot Ion: 84 Resp: 1570
Ion Ratio Lower Upper
84 100
86 91.0 42.5 78.9#
49 166.7 86.9 161.3#



#25
Chloroform
Concen: 0.391 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035198.D
Acq: 15 Oct 2019 19:29

Tgt Ion: 83 Resp: 8612
Ion Ratio Lower Upper
83 100
85 59.5 45.4 84.4

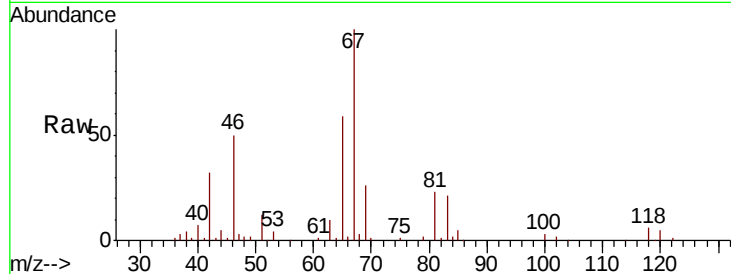




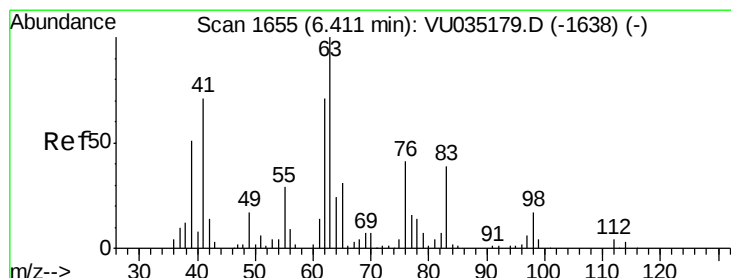
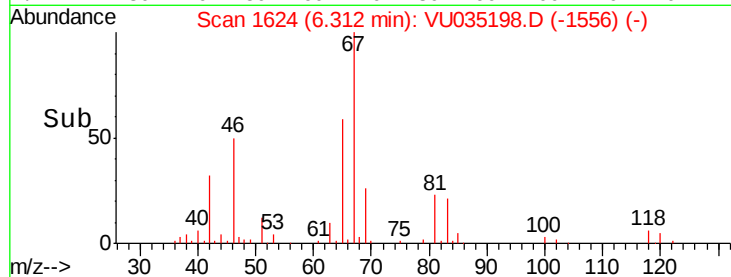
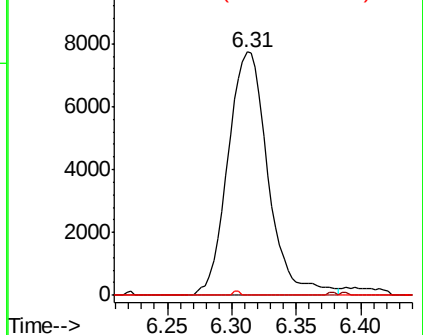
#35
Methvlcvclohexane
Concen: 0.899 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035198.D
Acq: 15 Oct 2019 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 16727
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.3 36.2 54.2#

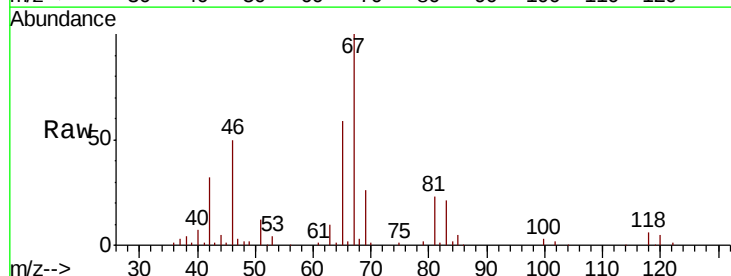


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

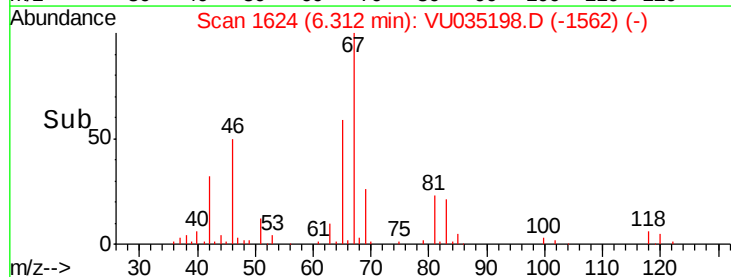
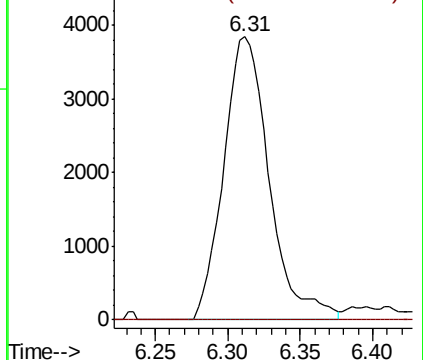


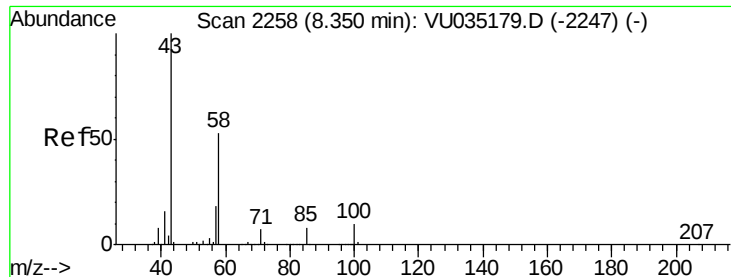
#37
1,2-Dichloropropane
Concen: 0.698 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035198.D
Acq: 15 Oct 2019 19:29

Tgt Ion: 63 Resp: 8396
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#



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

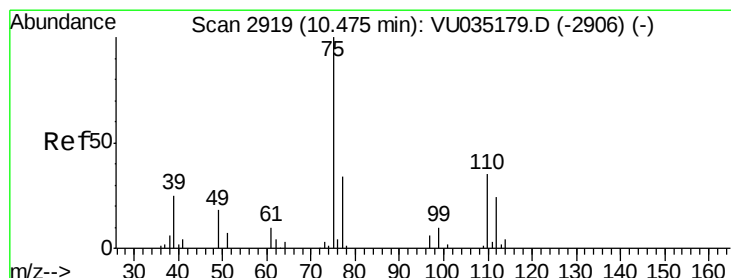
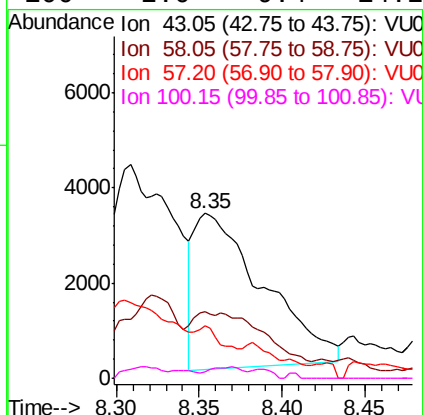
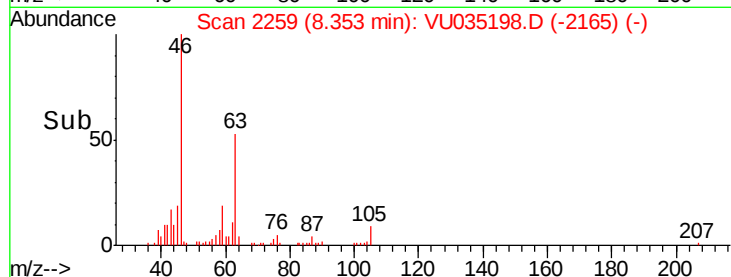
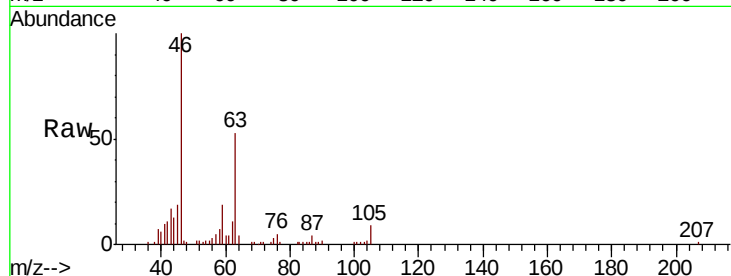




#48
2-Hexanone
Concen: 1.834 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VU035198.D
Acq: 15 Oct 2019 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9516
Ion Ratio Lower Upper
43 100
58 3.5 44.1 66.1#
57 11.6 15.8 23.8#
100 2.0 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.941 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 1.00 min
Lab File: VU035198.D
Acq: 15 Oct 2019 19:29

Tgt Ion: 75 Resp: 7323
Ion Ratio Lower Upper
75 100
77 34.7 26.5 39.7

