

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035255.D
 Acq On : 18 Oct 2019 09:32
 Operator : JC/SP
 Sample : K5321-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 13:54:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 13:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	355301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	346208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	130803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	102398	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	92967	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.60	63	140113	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.71	46	259517	41.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.36%
24) Chloroform-d	5.11	84	186001	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	104840	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.77	84	384994	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.74	67	123388	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	366758	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.22	79	55155	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.69	63	221337	41.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	97911	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	114696	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

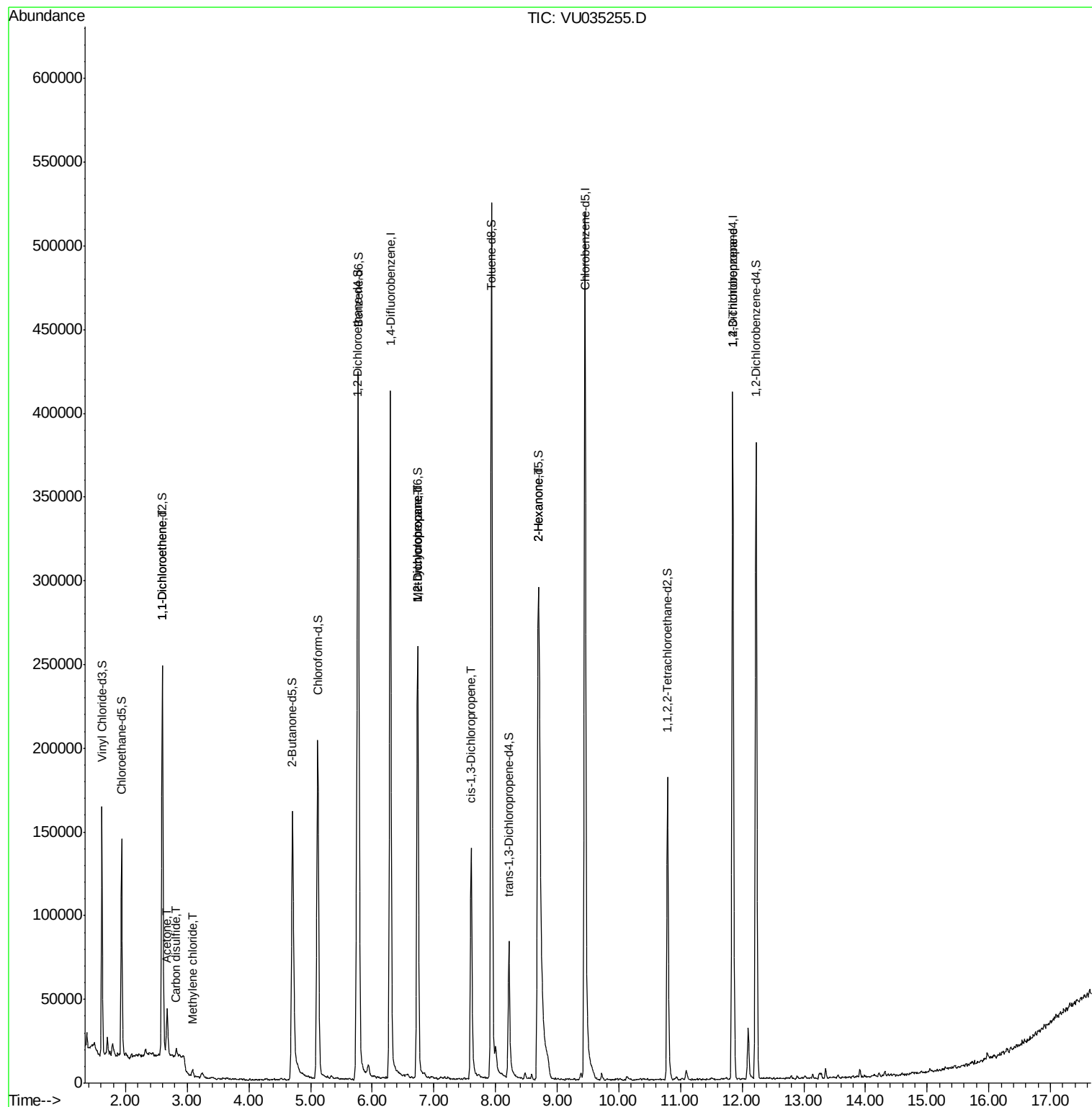
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1667	0.073 ug/L #	1
13) Acetone	2.67	43	29835	6.889 ug/L	98
14) Carbon disulfide	2.82	76	5662	0.078 ug/L #	58
16) Methylene chloride	3.09	84	1650	0.060 ug/L	93
35) Methylcyclohexane	6.74	83	28889	0.631 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12997	0.503 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3700	0.085 ug/L #	47
48) 2-Hexanone	8.70	43	34107	2.786 ug/L #	56
59) 1,2,3-Trichloropropane	11.84	75	15611	0.866 ug/L	92

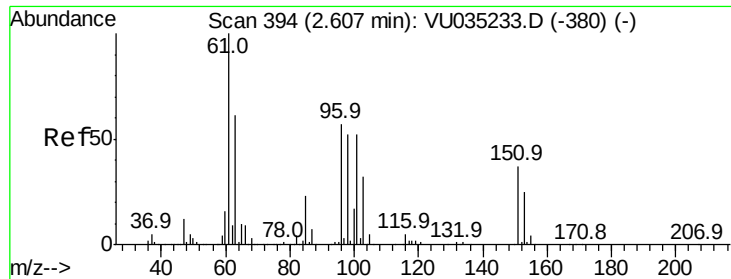
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

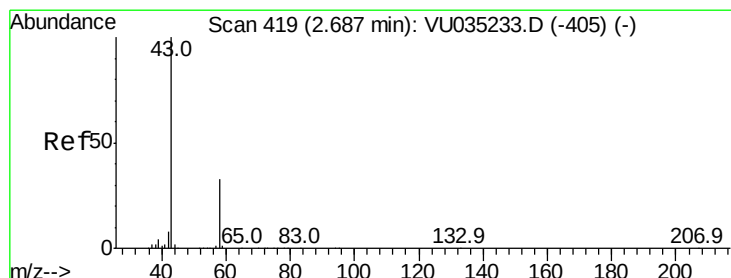
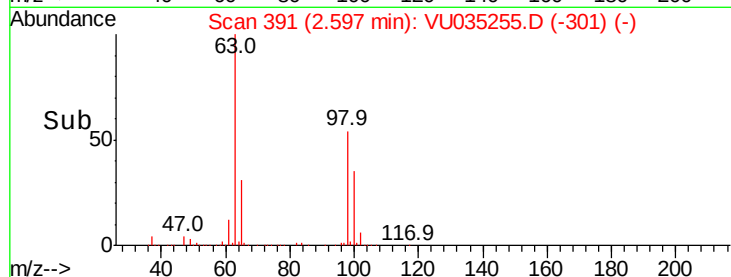
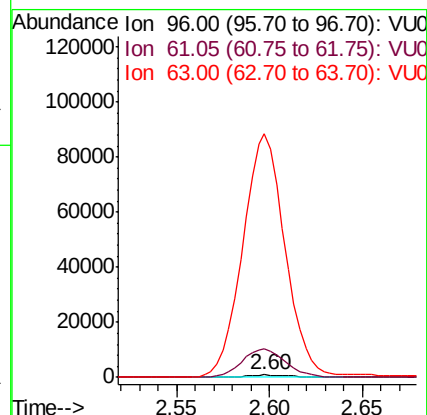
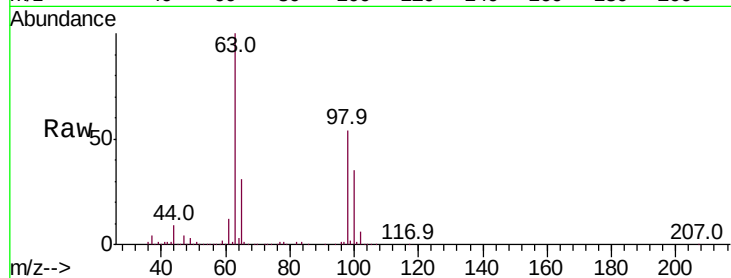
Lab File: VU035255.D

Acq: 18 Oct 2019 09:32

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 1667

Ion	Ratio	Lower	Upper
96	100		
61	1183.4	120.6	224.0#
63	10255.2	86.8	161.2#



#13

Acetone

Concen: 6.889 ug/L

RT: 2.67 min Scan# 415

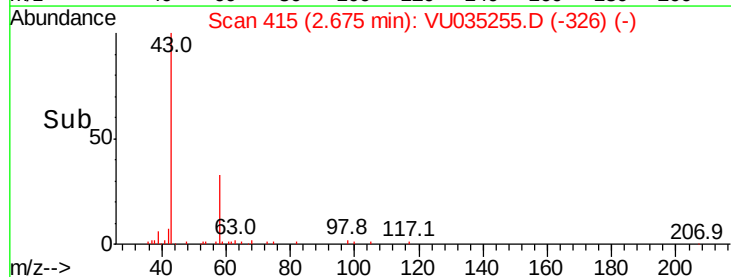
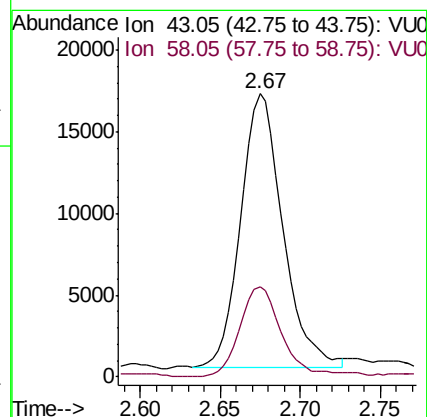
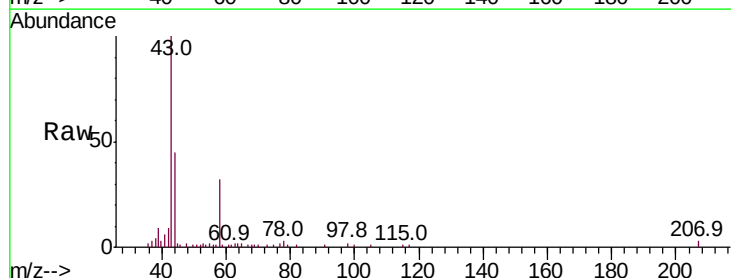
Delta R.T. -0.01 min

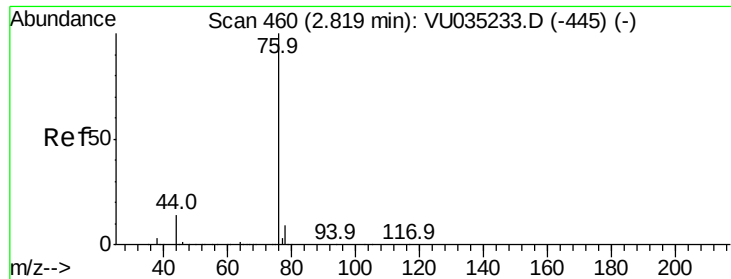
Lab File: VU035255.D

Acq: 18 Oct 2019 09:32

Tgt Ion: 43 Resp: 29835

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	61.8





#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035255.D

Acq: 18 Oct 2019 09:32

Instrument :

MSVOA_U

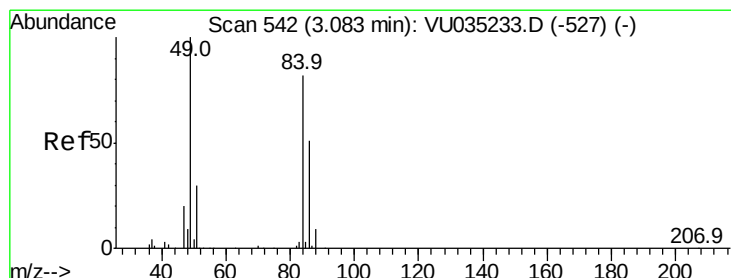
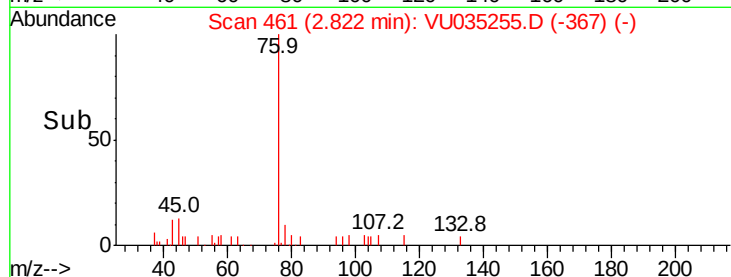
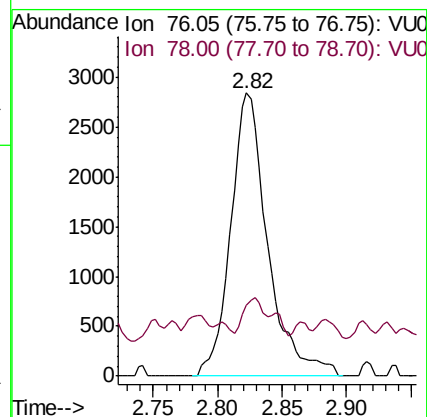
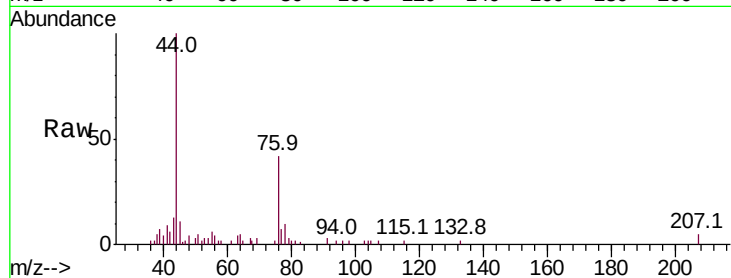
ClientSampleId :

Tot Ion: 76 Resp: 5662

Ion Ratio Lower Upper

76 100

78 24.9 7.6 11.4#



#16

Methylene chloride

Concen: 0.060 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU035255.D

Acq: 18 Oct 2019 09:32

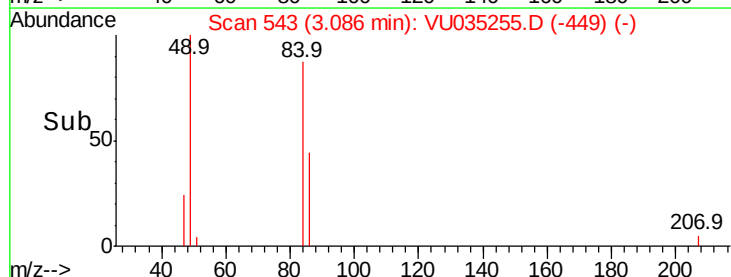
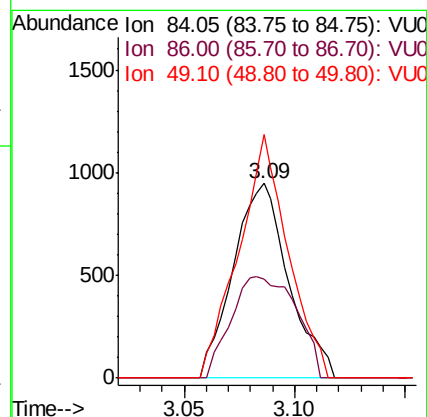
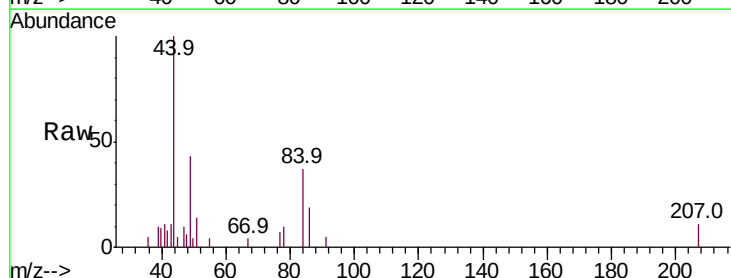
Tgt Ion: 84 Resp: 1650

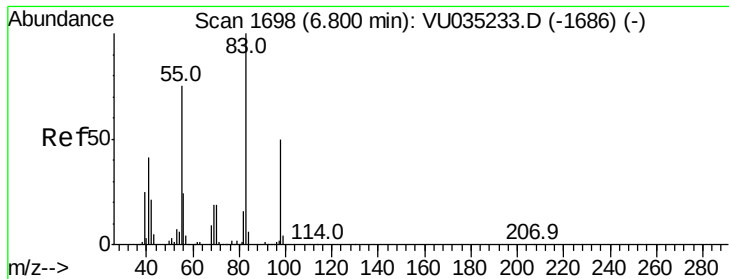
Ion Ratio Lower Upper

84 100

86 50.7 45.4 84.2

49 125.1 86.8 161.2

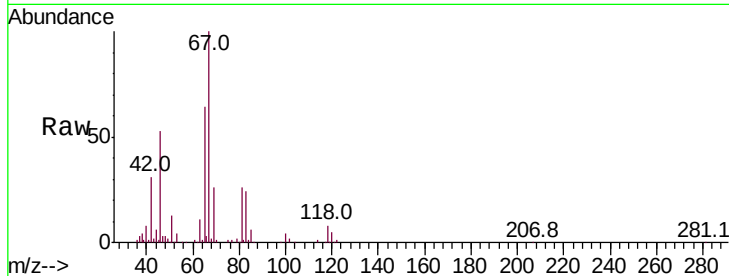




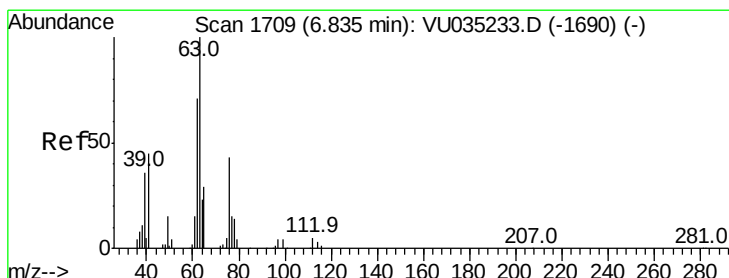
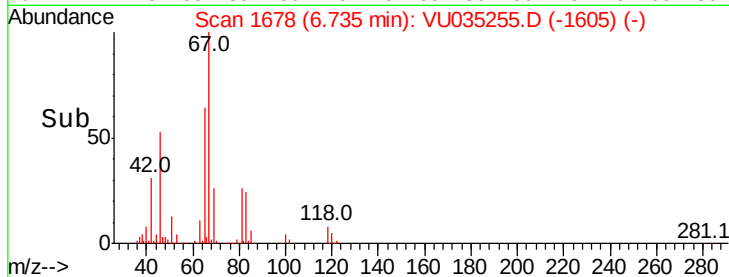
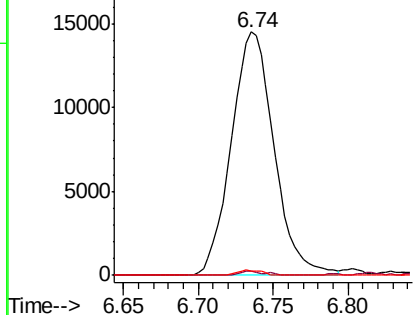
#35
Methylvlcyclohexane
Concen: 0.631 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035255.D
Acq: 18 Oct 2019 09:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	1.0	60.4	90.6#
98	1.3	39.5	59.3#

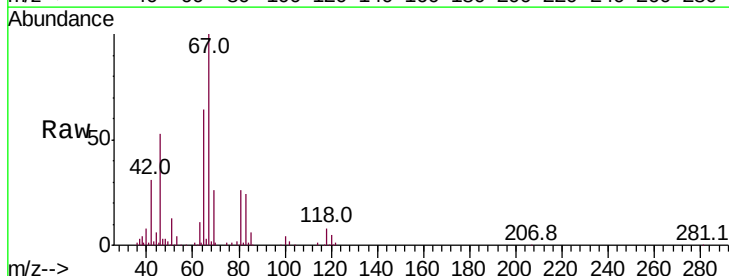


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

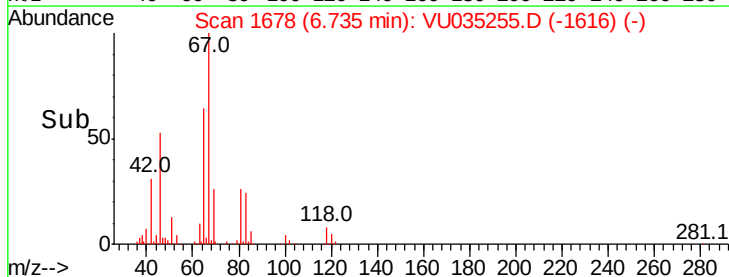
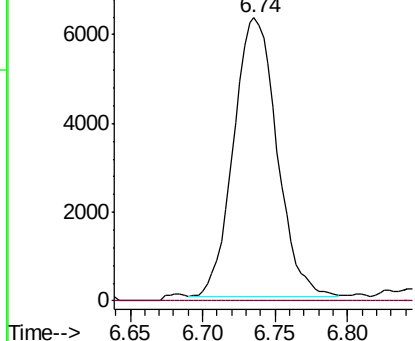


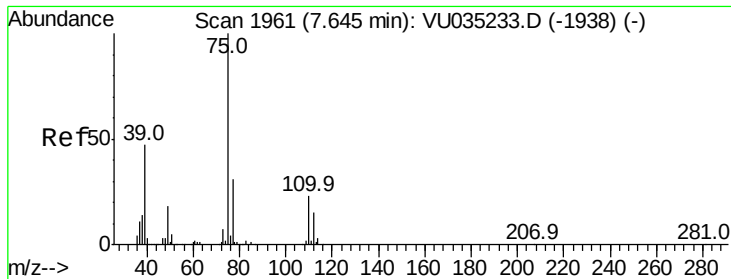
#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035255.D
Acq: 18 Oct 2019 09:32

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



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

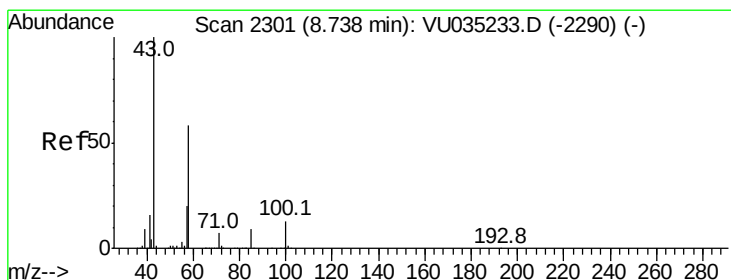
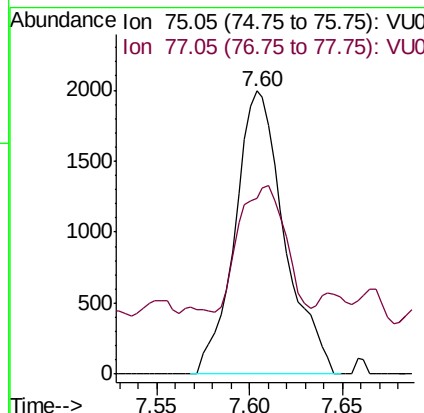
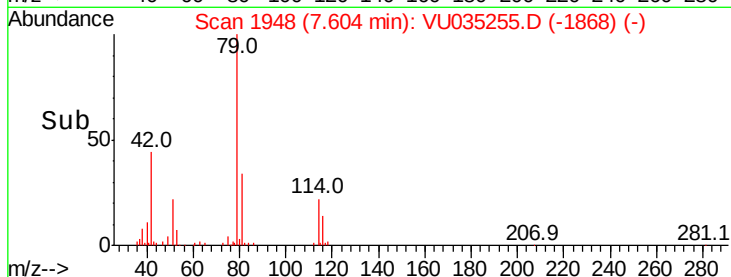
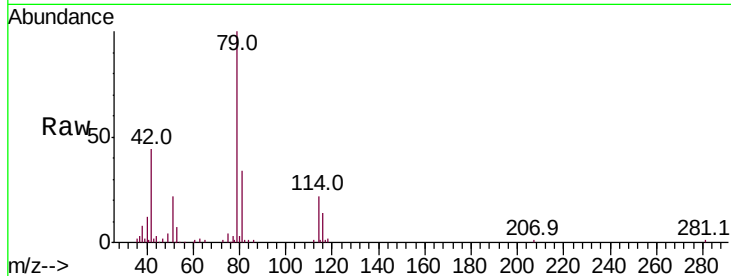




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035255.D
 Acq: 18 Oct 2019 09:32

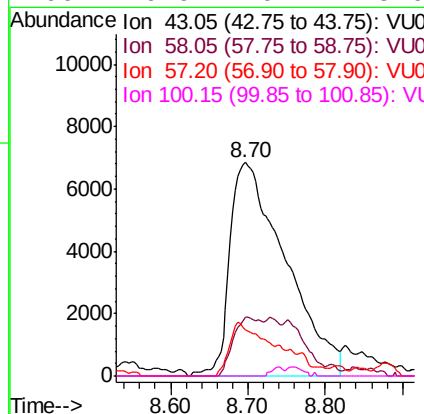
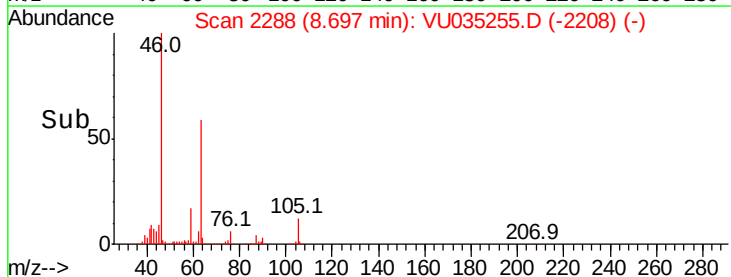
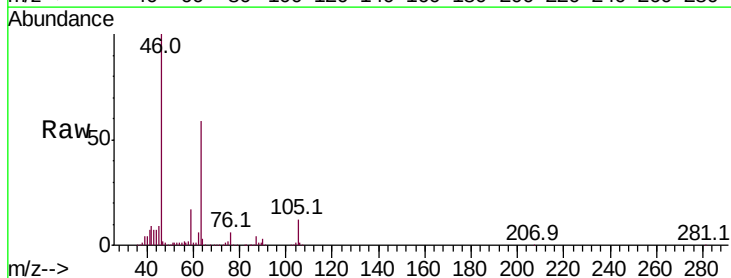
Instrument :
 MSVOA_U
 ClientSampleId :

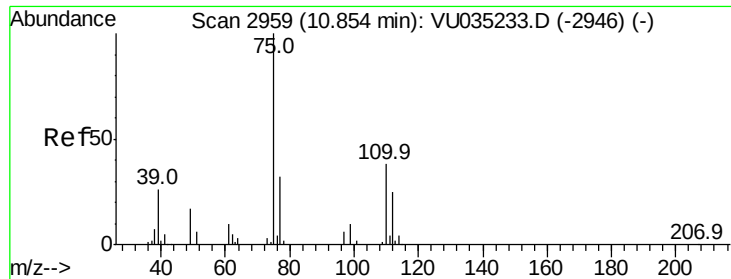
Tot Ion: 75 Resp: 3700
 Ion Ratio Lower Upper
 75 100
 77 62.3 22.7 42.1#



#48
 2-Hexanone
 Concen: 2.786 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.04 min
 Lab File: VU035255.D
 Acq: 18 Oct 2019 09:32

Tgt Ion: 43 Resp: 34107
 Ion Ratio Lower Upper
 43 100
 58 13.8 45.1 67.7#
 57 15.2 16.0 24.0#
 100 0.9 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.866 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035255.D

Acq: 18 Oct 2019 09:32

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 15611

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

