

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035402.D
 Acq On : 23 Oct 2019 11:44
 Operator : JC/SP
 Sample : K5458-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 17:19:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 17:16:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87425	5.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.40%
7) Chloroethane-d5	1.93	69	80428	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.59	63	114476	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.71	46	231794	54.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.32%
24) Chloroform-d	5.11	84	156220	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.75	65	87432	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.77	84	301524	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.74	67	100644	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.93	98	249559	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.22	79	36779	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.69	63	172248	44.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.26%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	84823	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	87447	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

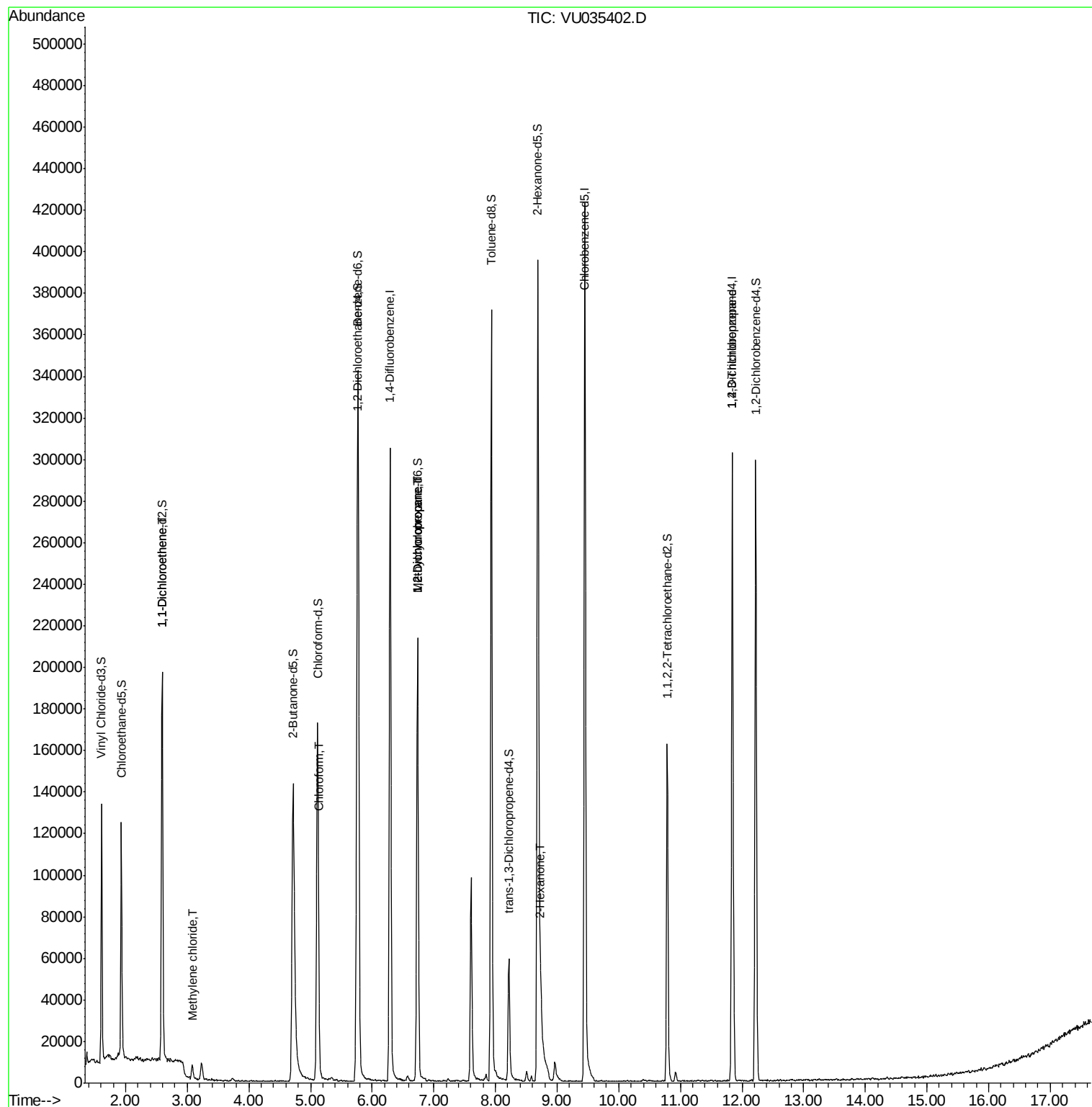
				Ovalue	
12) 1,1-Dichloroethene	2.60	96	973	0.062 ug/L #	1
16) Methylene chloride	3.09	84	2868	0.152 ug/L	97
25) Chloroform	5.14	83	6347	0.189 ug/L	93
35) Methylcyclohexane	6.74	83	23509	0.716 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10891	0.587 ug/L #	86
48) 2-Hexanone	8.74	43	11557	1.316 ug/L #	89
59) 1,2,3-Trichloropropane	11.84	75	11654	0.902 ug/L	92

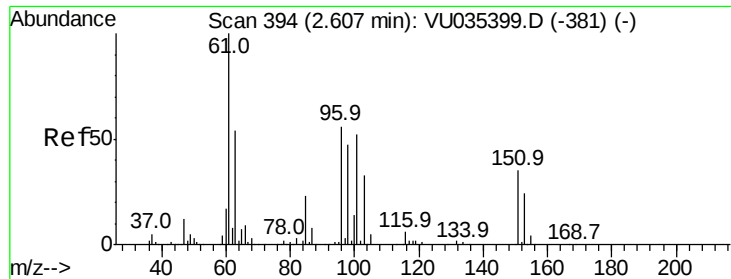
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 17:16:19 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035402.D

Acq: 23 Oct 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

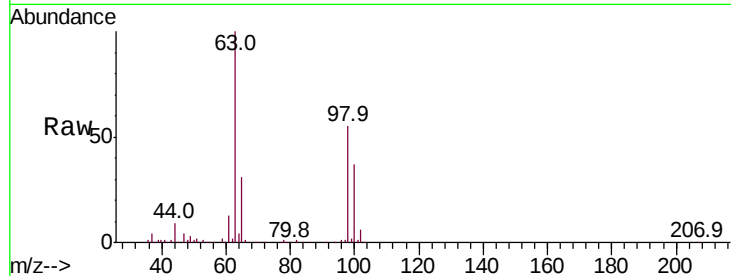
Tot Ion: 96 Resp: 973

Ion Ratio Lower Upper

96 100

61 1399.2 120.6 224.0#

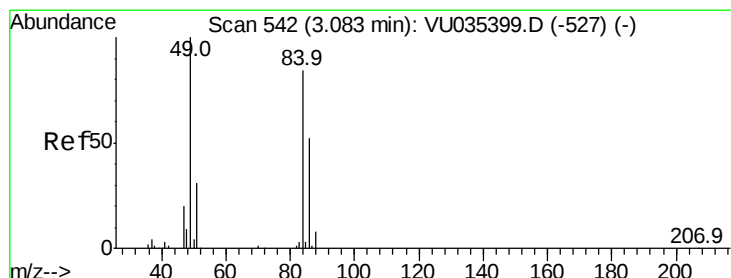
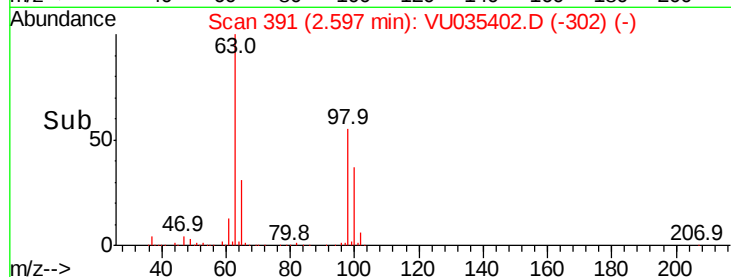
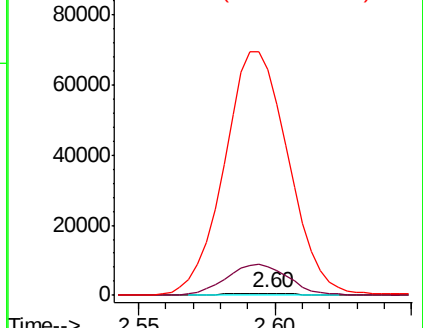
63 10848.6 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.152 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU035402.D

Acq: 23 Oct 2019 11:44

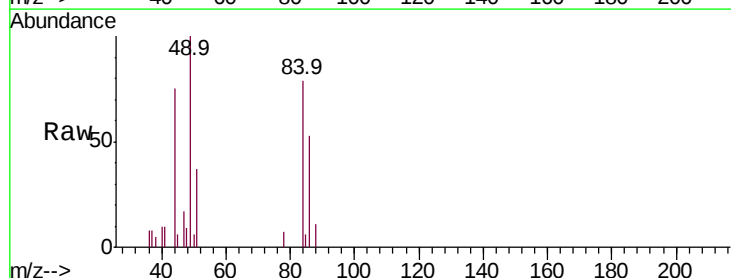
Tgt Ion: 84 Resp: 2868

Ion Ratio Lower Upper

84 100

86 67.6 45.4 84.2

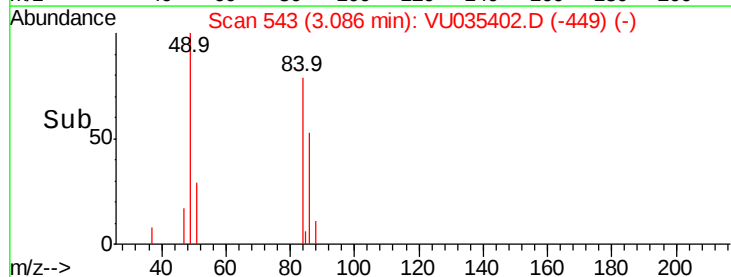
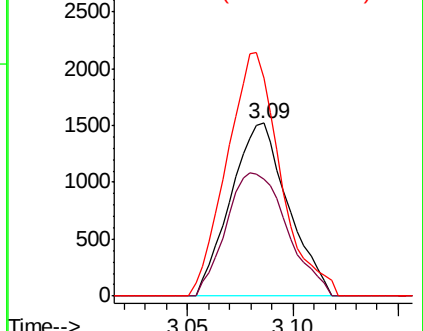
49 126.4 86.8 161.2

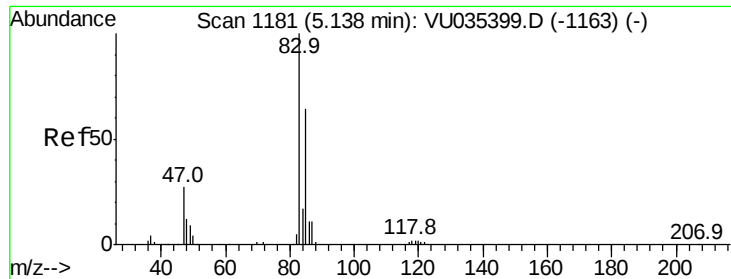


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

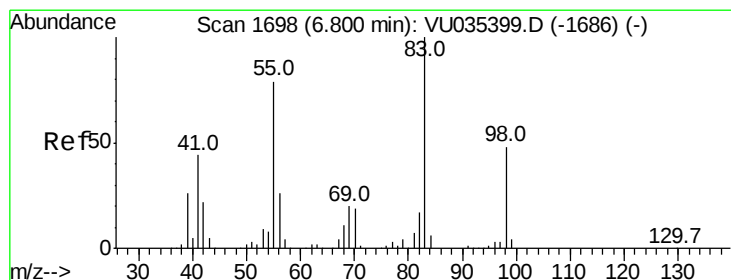
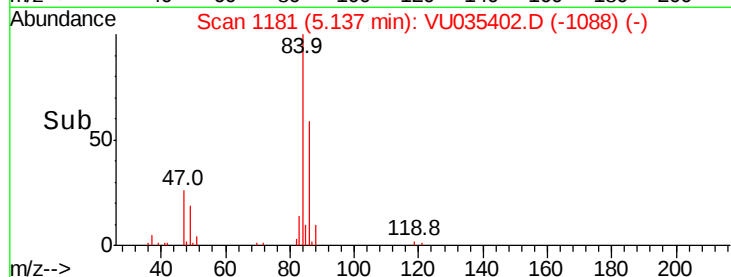
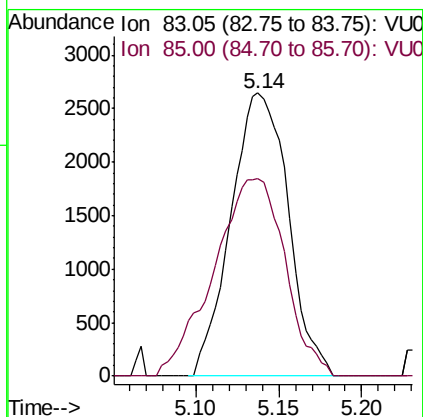
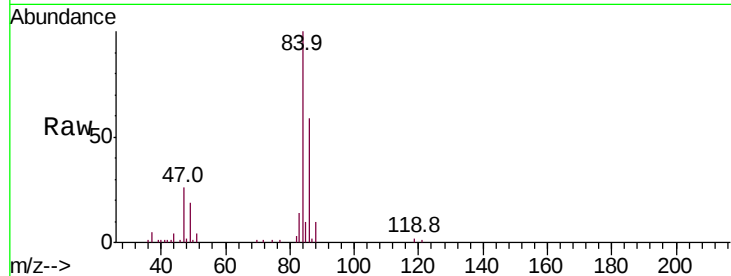




#25
Chloroform
Concen: 0.189 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035402.D
Acq: 23 Oct 2019 11:44

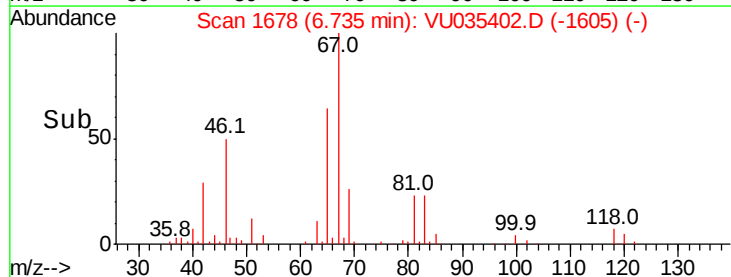
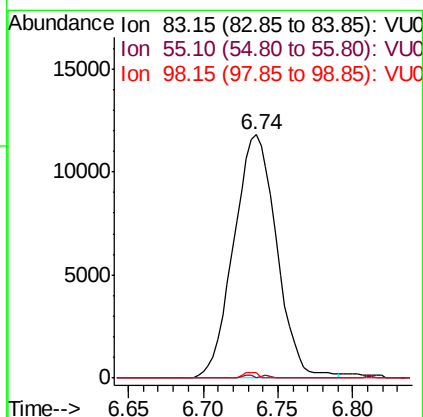
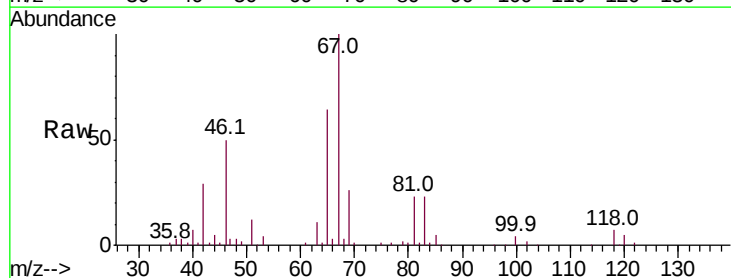
Instrument :
MSVOA_U
ClientSampleId :

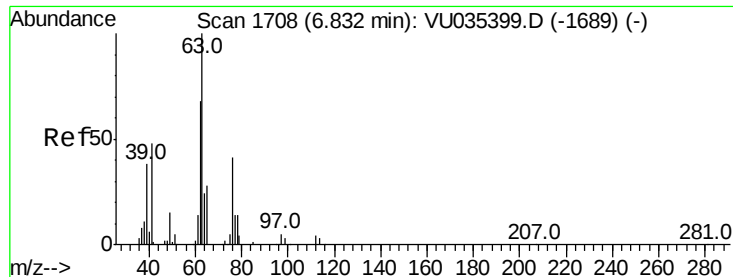
Tot Ion: 83 Resp: 6347
Ion Ratio Lower Upper
83 100
85 69.8 45.1 83.9



#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035402.D
Acq: 23 Oct 2019 11:44

Tgt Ion: 83 Resp: 23509
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.8 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035402.D

Acq: 23 Oct 2019 11:44

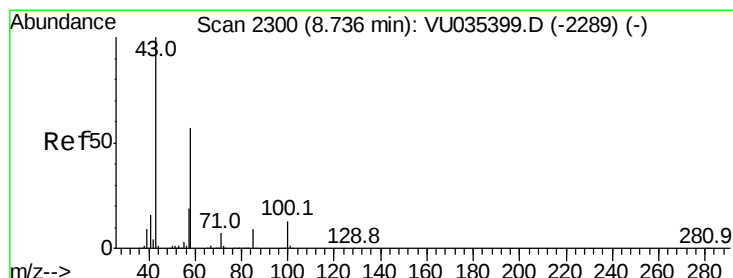
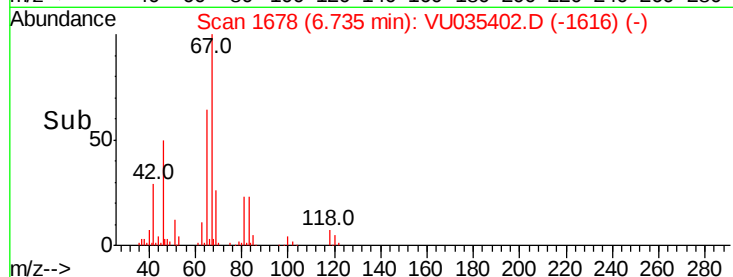
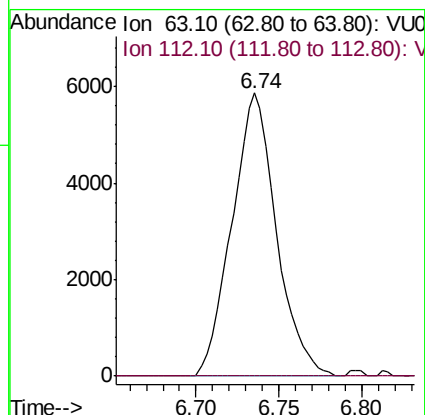
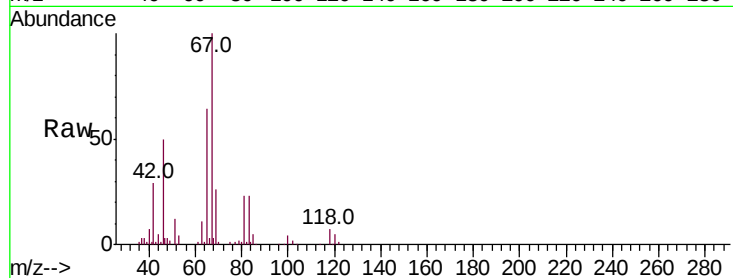
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 10891

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 1.316 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VU035402.D

Acq: 23 Oct 2019 11:44

Tgt Ion: 43 Resp: 11557

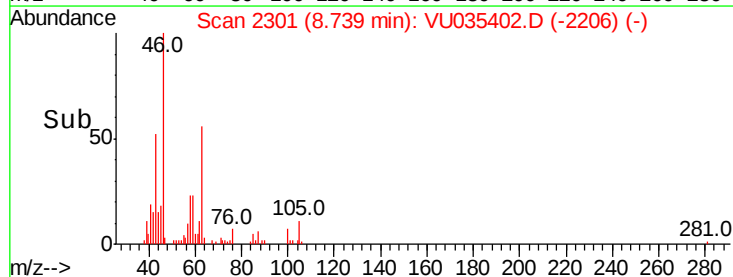
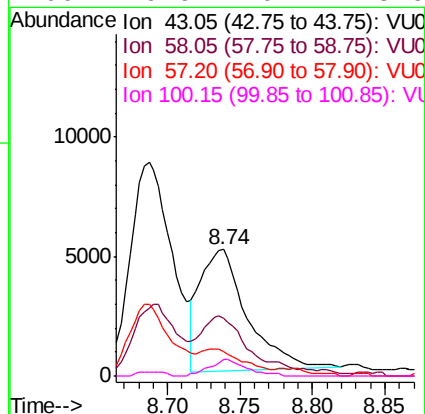
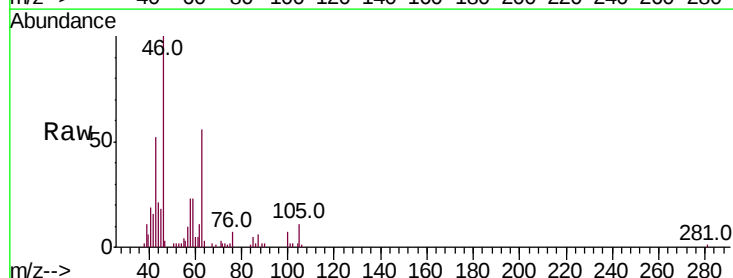
Ion Ratio Lower Upper

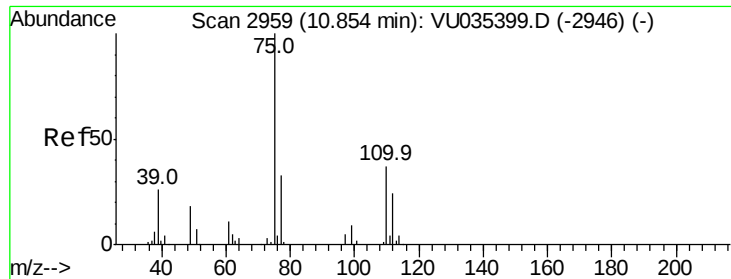
43 100

58 44.5 45.1 67.7#

57 20.0 16.0 24.0

100 10.6 10.4 15.6





#59

1,2,3-Trichloropropane

Concen: 0.902 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035402.D

Acq: 23 Oct 2019 11:44

Instrument :

MSVOA_U

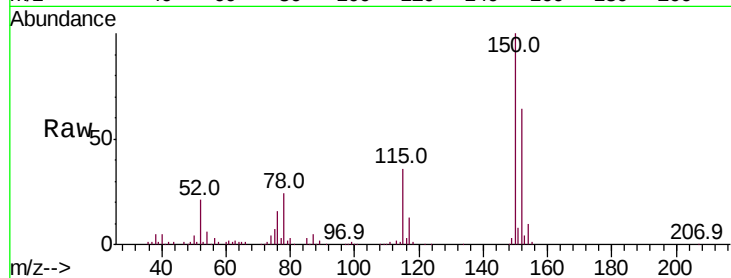
ClientSampleId :

Tot Ion: 75 Resp: 11654

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

