

Data File : VU035238.D
Acq On : 18 Oct 2019 02:56
Operator : JC/SP
Sample : K5419-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G44

Quant Time: Oct 18 05:40:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	351488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	123260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	112264	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.94	69	100273	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.60	63	151974	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.71	46	271642	44.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	5.12	84	162860	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.75	65	113378	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	417291	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.74	67	130800	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.93	98	389833	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	8.22	79	54718	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.70	63	234551	44.66	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	69230	3.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.40%#
64) 1,2-Dichlorobenzene-d4	12.23	152	115717	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

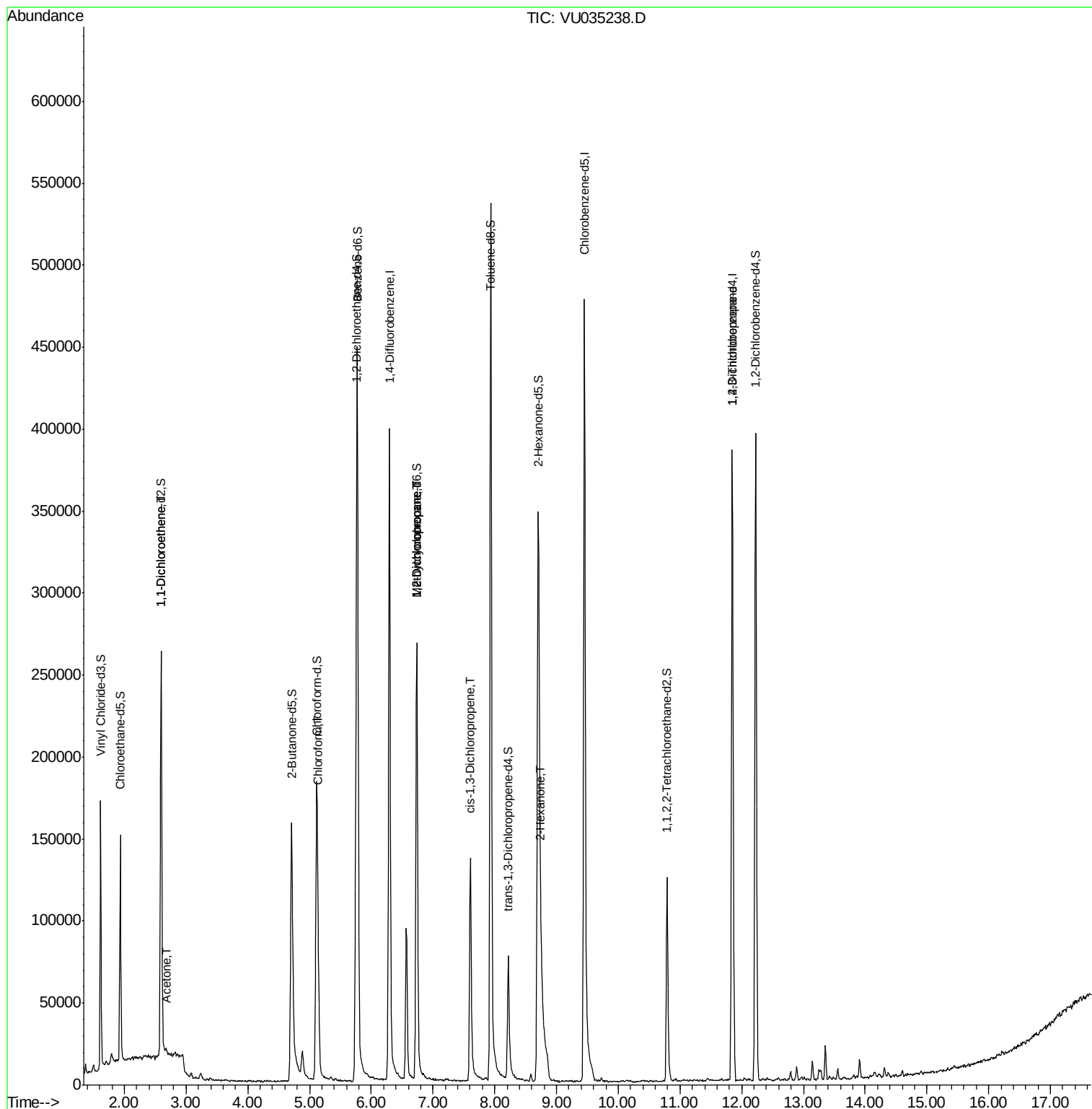
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1364	0.060 ug/L #	1
13) Acetone	2.67	43	4292	1.002 ug/L	100
25) Chloroform	5.14	83	39770	0.822 ug/L	100
35) Methylcyclohexane	6.74	83	31076	0.696 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	14418	0.571 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3745	0.089 ug/L #	37
48) 2-Hexanone	8.75	43	13540	1.133 ug/L #	77
59) 1,2,3-Trichloropropane	11.84	75	14631	0.832 ug/L #	87

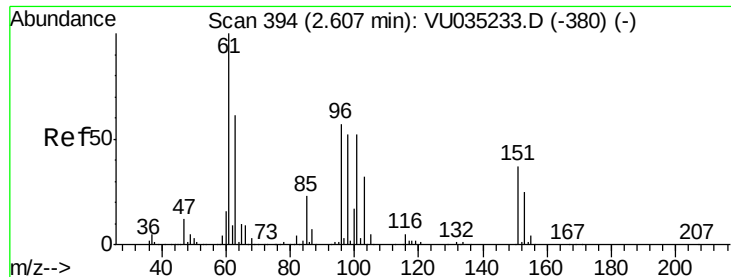
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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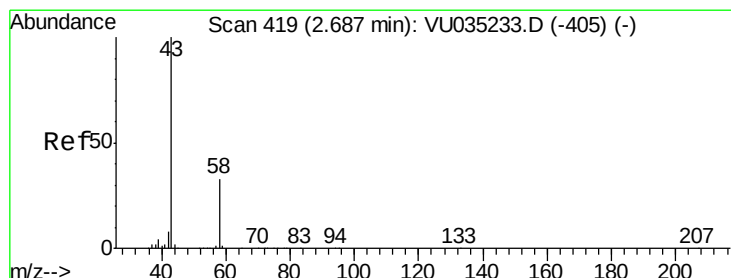
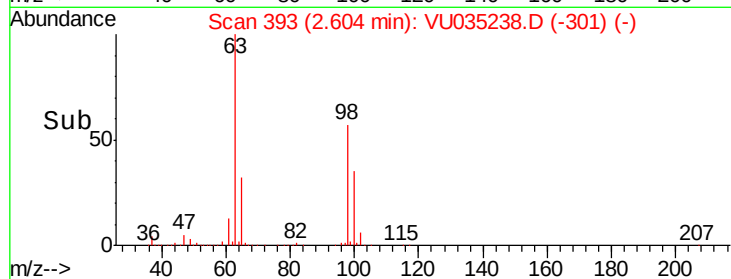
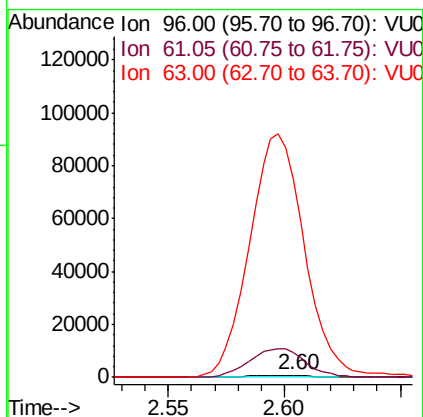
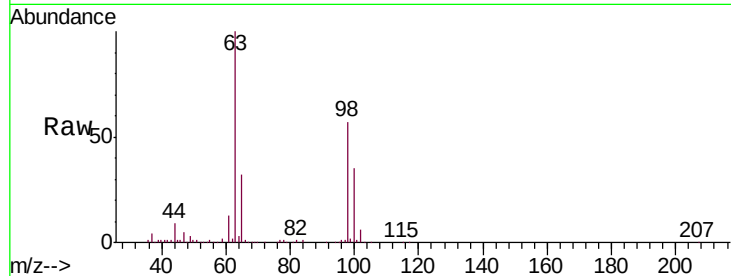




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU035238.D
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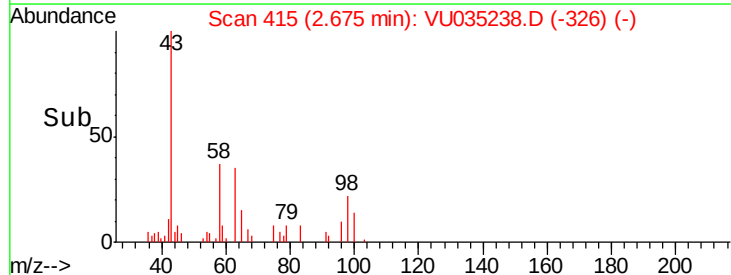
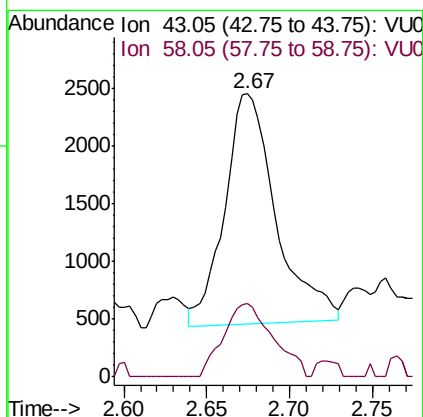
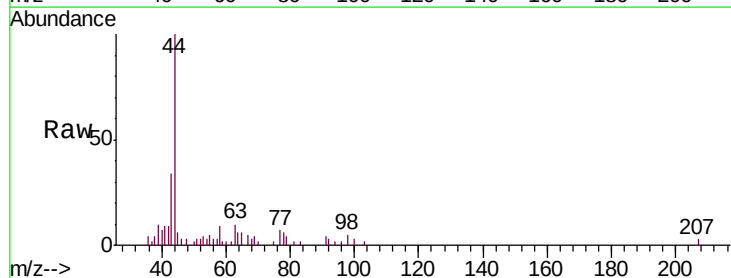
Instrument :
 MSVOA_U
 ClientSampleId :
 H0G44

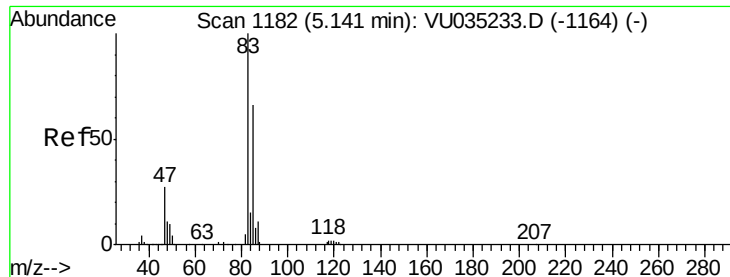
Tgt Ion: 96 Resp: 1364
 Ion Ratio Lower Upper
 96 100
 61 1369.3 120.6 224.0#
 63 10952.1 86.8 161.2#



#13
 Acetone
 Concen: 1.002 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VU035238.D
 Acq: 18 Oct 2019 02:56

Tgt Ion: 43 Resp: 4292
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 61.8





#25

Chloroform

Concen: 0.822 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035238.D

Acq: 18 Oct 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

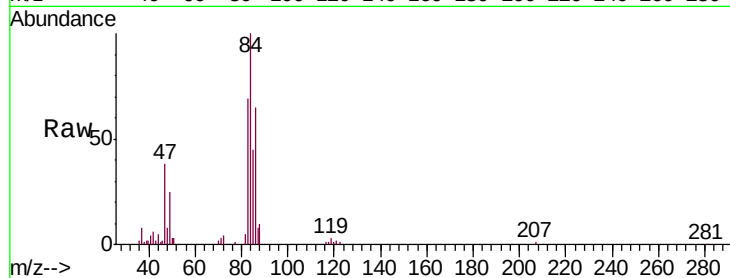
H0G44

Tgt Ion: 83 Resp: 39770

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU035233.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU035233.D (-1164) (-)

5.14

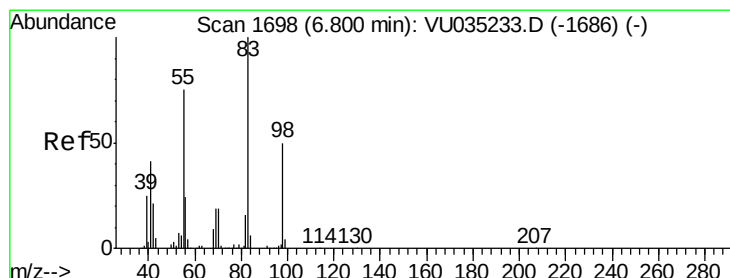
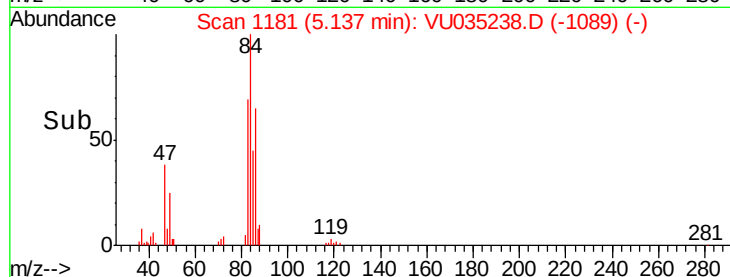
15000

10000

5000

0

Time-->



#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035238.D

Acq: 18 Oct 2019 02:56

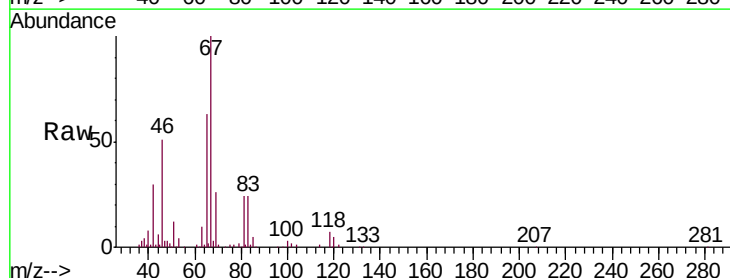
Tgt Ion: 83 Resp: 31076

Ion Ratio Lower Upper

83 100

55 0.5 60.4 90.6#

98 0.0 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VU035233.D (-1686) (-)

Ion 55.10 (54.80 to 55.80): VU035233.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU035233.D (-1686) (-)

6.74

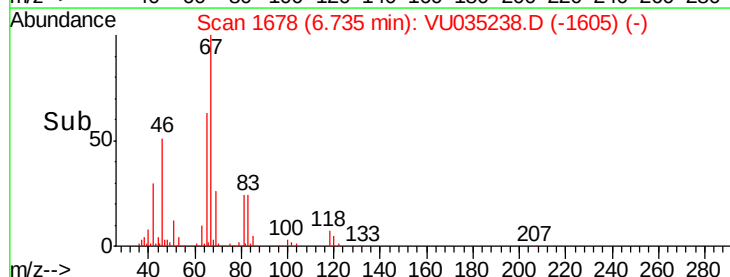
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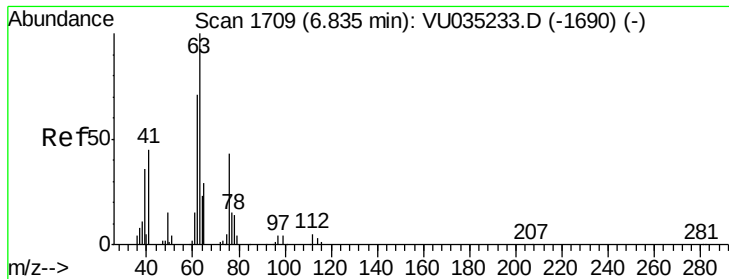
10000

5000

0

Time-->

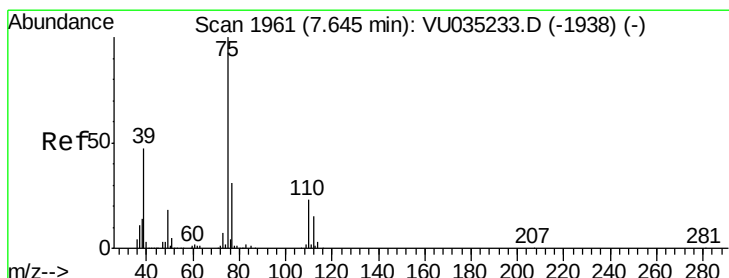
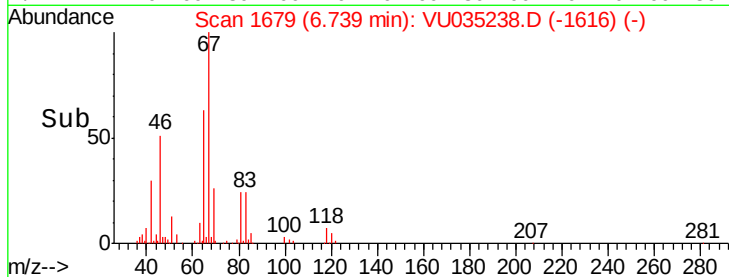
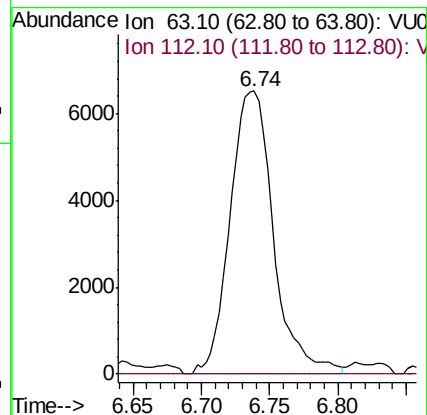
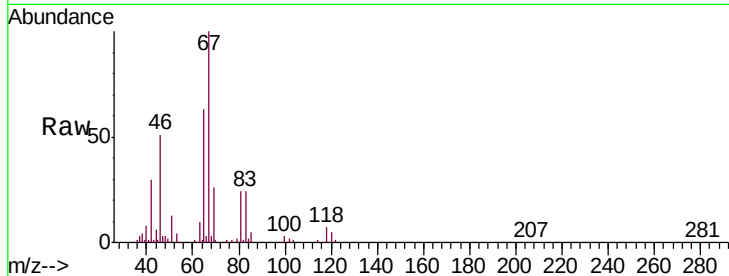




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.74 min Scan# 1679
 Delta R.T. -0.10 min
 Lab File: VU035238.D
 Acq: 18 Oct 2019 02:56

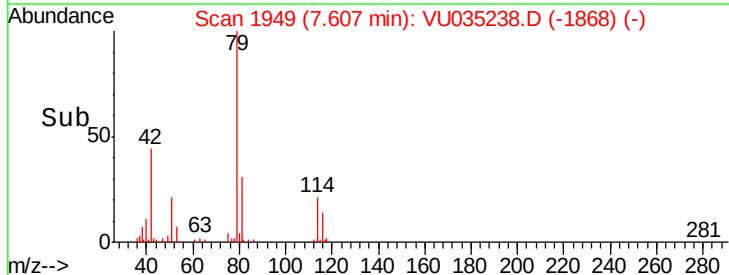
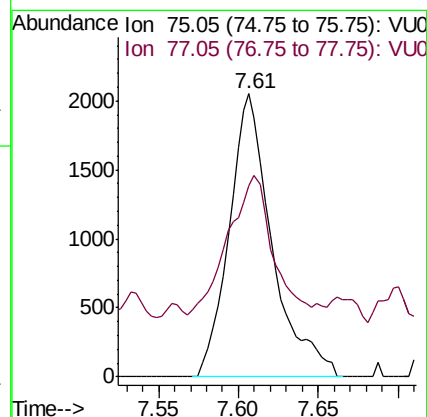
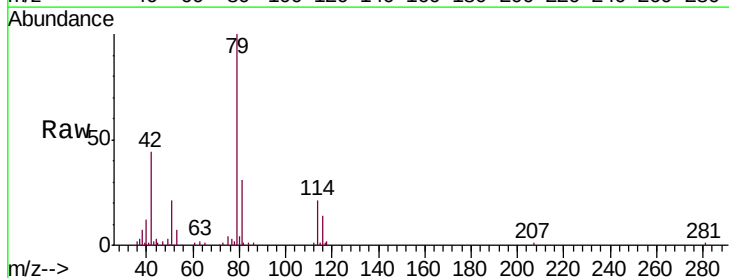
Instrument :
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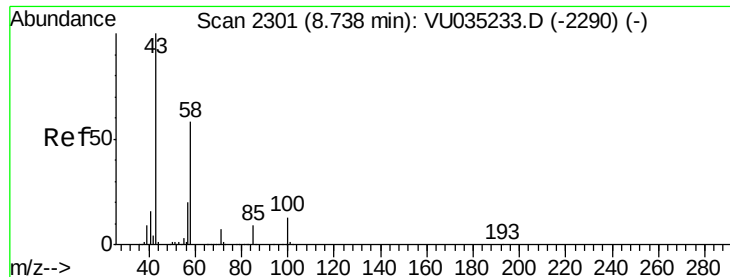
Tgt Ion: 63 Resp: 14418
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035238.D
 Acq: 18 Oct 2019 02:56

Tgt Ion: 75 Resp: 3745
 Ion Ratio Lower Upper
 75 100
 77 67.6 22.7 42.1#





#48

2-Hexanone

Concen: 1.133 ug/L

RT: 8.75 min Scan# 2305

Delta R.T. 0.01 min

Lab File: VU035238.D

Acq: 18 Oct 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

H0G44

Tgt Ion: 43 Resp: 13540

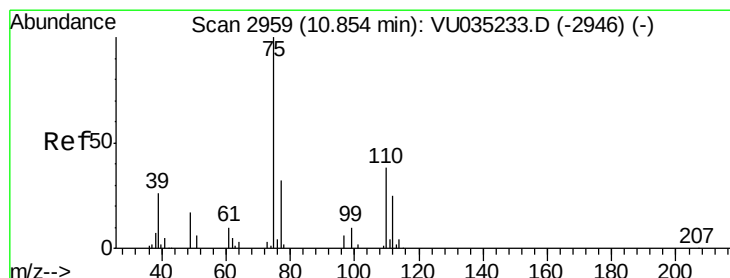
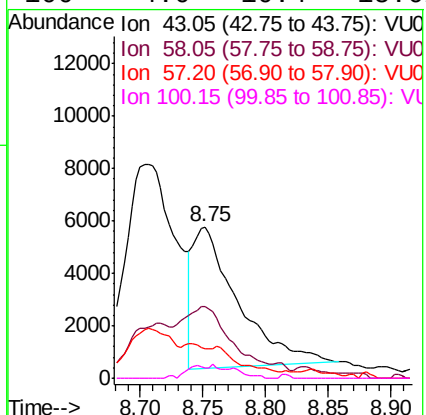
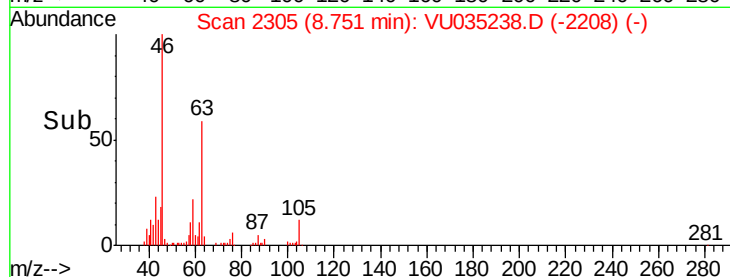
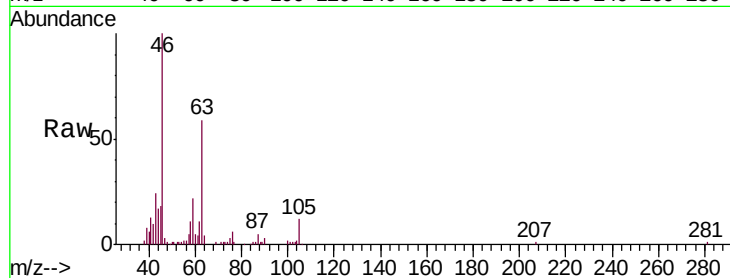
Ion Ratio Lower Upper

43 100

58 44.4 45.1 67.7#

57 0.0 16.0 24.0#

100 4.0 10.4 15.6#



#59

1,2,3-Trichloropropane

Concen: 0.832 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035238.D

Acq: 18 Oct 2019 02:56

Tgt Ion: 75 Resp: 14631

Ion Ratio Lower Upper

75 100

77 40.0 26.2 39.2#

