

Data File : VU035234.D
Acq On : 18 Oct 2019 01:22
Operator : JC/SP
Sample : VU1017WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK25

Quant Time: Oct 18 05:39:17 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	344451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	332342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	142188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93759	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	85122	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	124952	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.72	46	295689	48.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	5.11	84	173010	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.75	65	100559	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.77	84	346184	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.74	67	113733	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	313246	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.22	79	49448	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.69	63	242893	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99012	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	114354	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

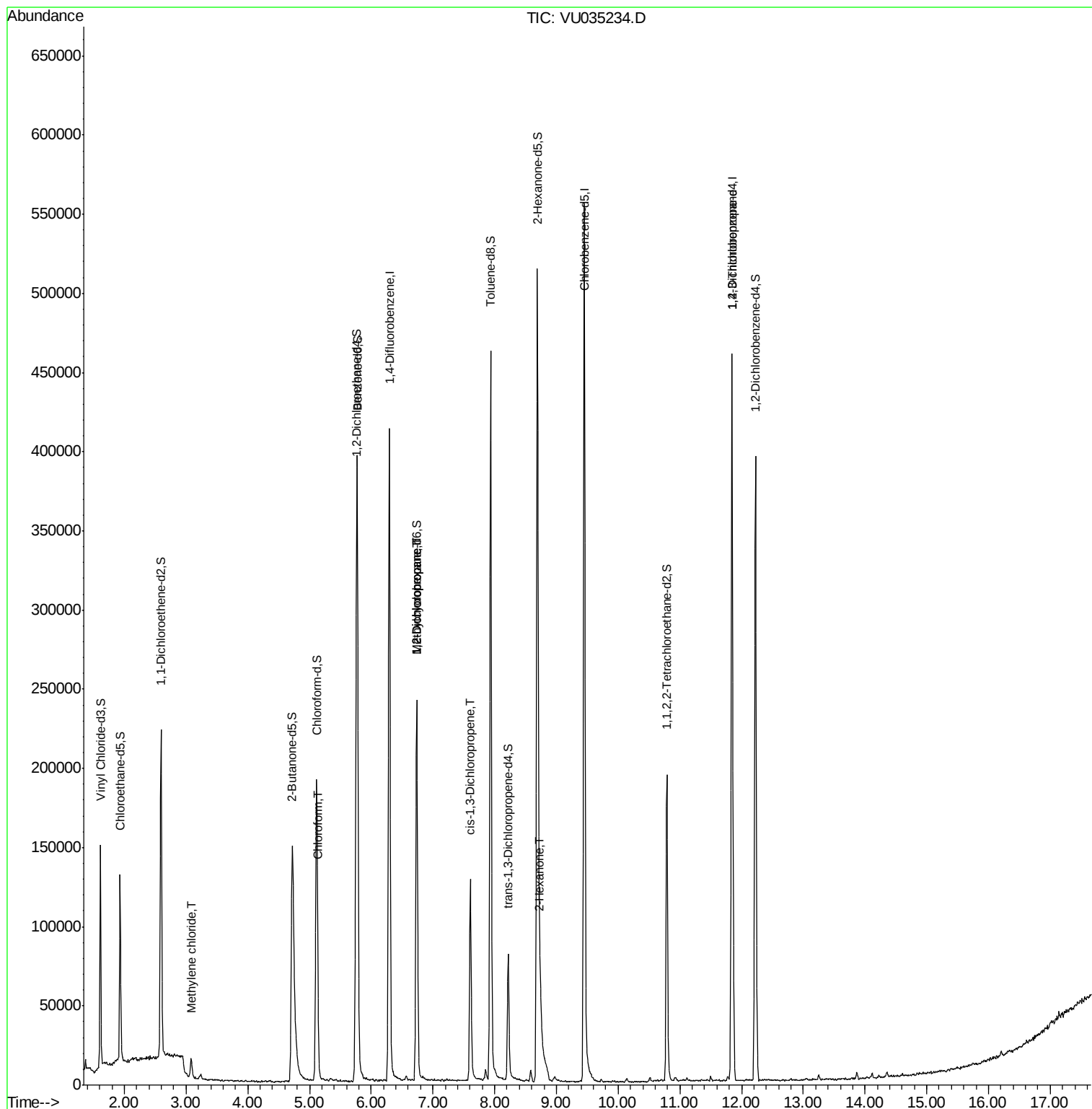
					Qvalue
16) Methylene chloride	3.08	84	5831	0.219 ug/L	92
25) Chloroform	5.14	83	7604	0.160 ug/L	85
35) Methylcyclohexane	6.74	83	26925	0.613 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12576	0.507 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3648	0.088 ug/L #	17
48) 2-Hexanone	8.74	43	14656	1.247 ug/L #	91
59) 1,2,3-Trichloropropane	11.84	75	17292	1.000 ug/L	90

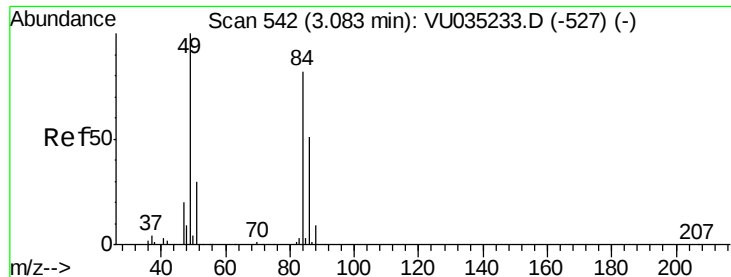
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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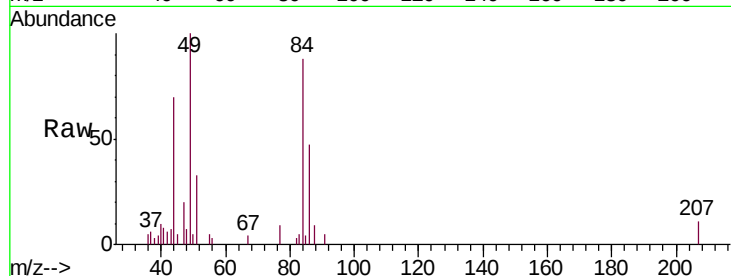




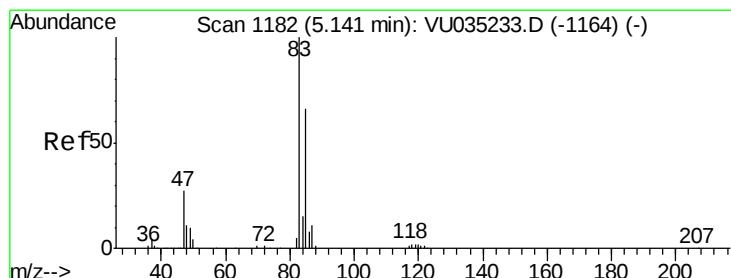
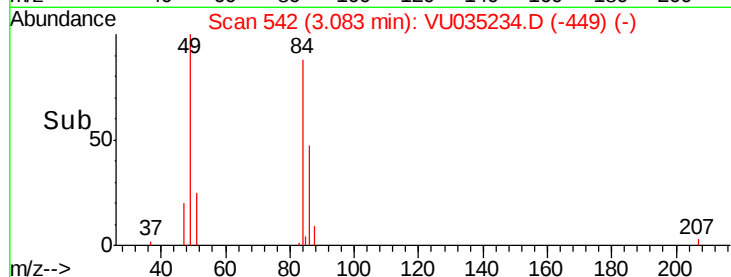
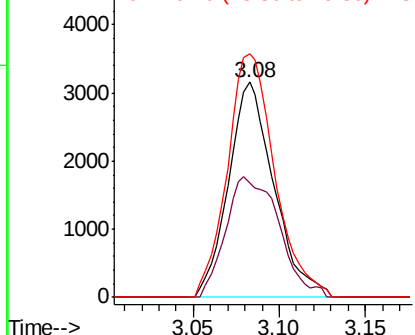
#16
Methylene chloride
Concen: 0.219 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
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MSVOA_U
ClientSampleId :
VBLK25

Tgt Ion: 84 Resp: 5831
Ion Ratio Lower Upper
84 100
86 53.4 45.4 84.2
49 119.1 86.8 161.2

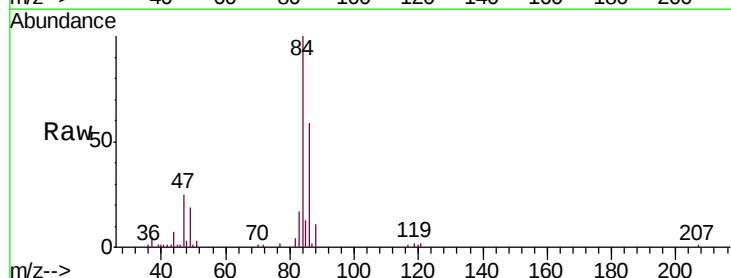


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

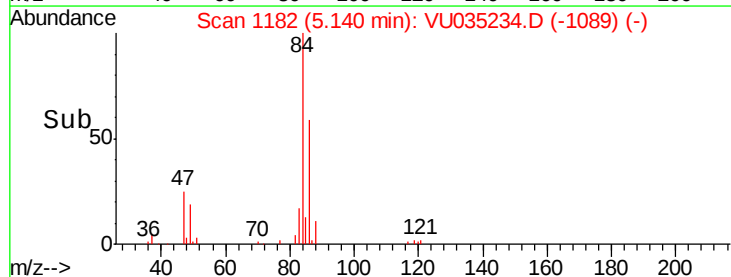
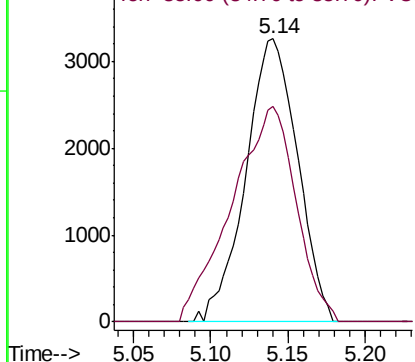


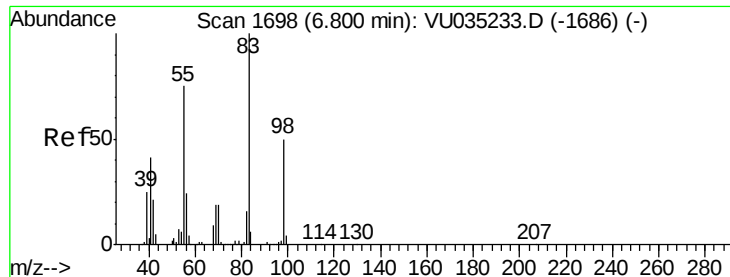
#25
Chloroform
Concen: 0.160 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU035234.D
Acq: 18 Oct 2019 01:22

Tgt Ion: 83 Resp: 7604
Ion Ratio Lower Upper
83 100
85 76.2 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

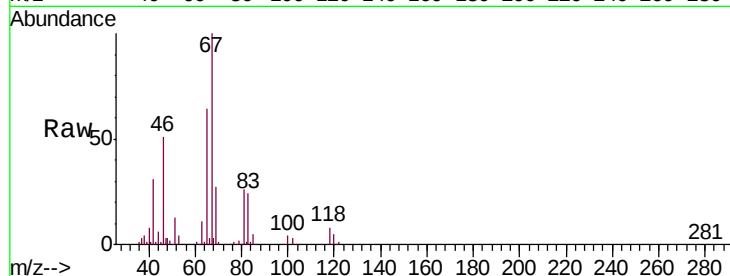




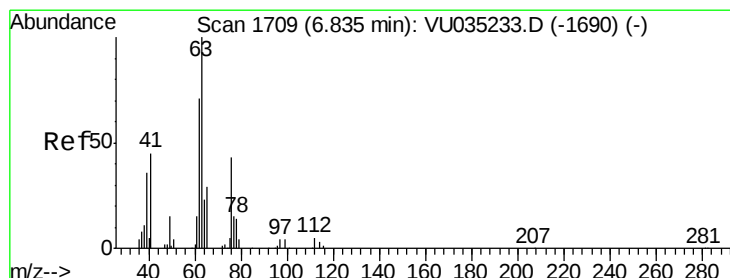
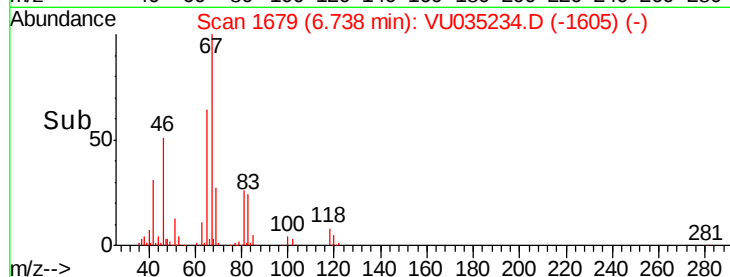
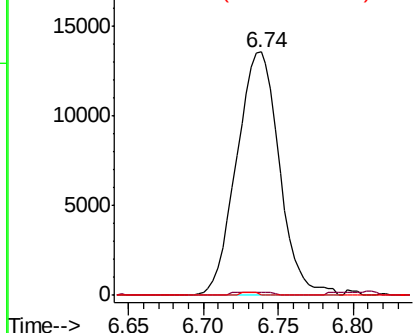
#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.06 min
Lab File: VU035234.D
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VBLK25

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	0.0	39.5	59.3#

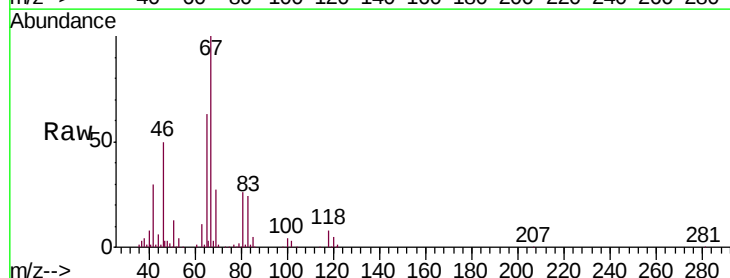


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

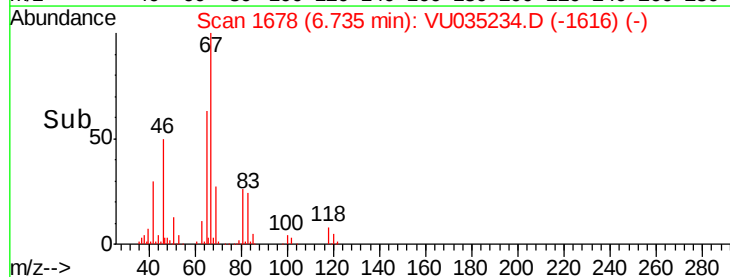
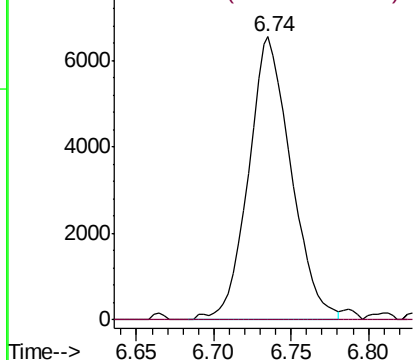


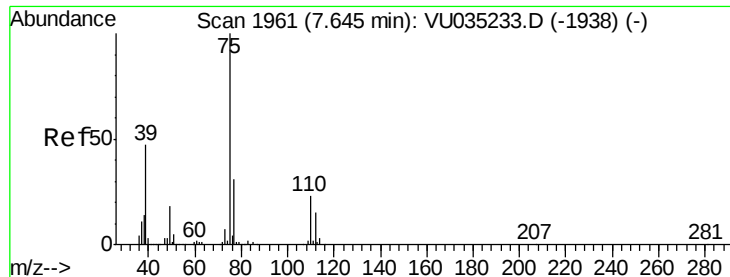
#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035234.D
Acq: 18 Oct 2019 01:22

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: 0.088 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035234.D

Acq: 18 Oct 2019 01:22

Instrument :

MSVOA_U

ClientSampleId :

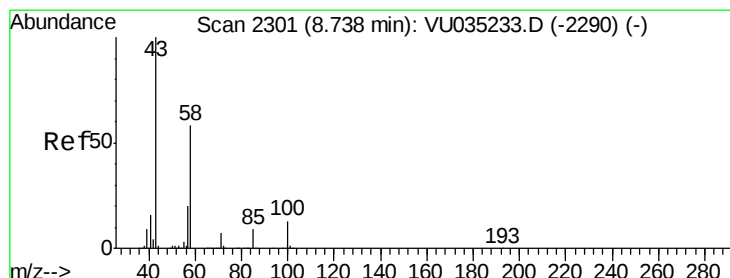
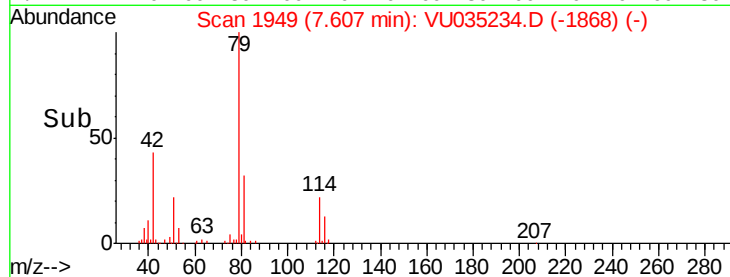
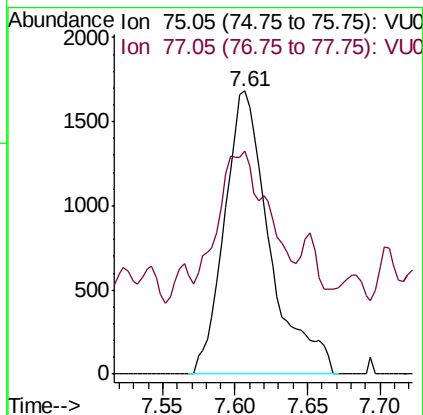
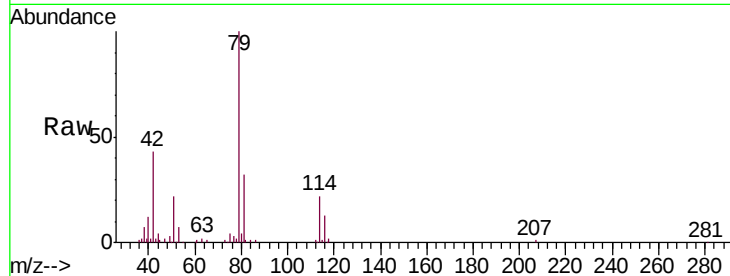
VBLK25

Tgt Ion: 75 Resp: 3648

Ion Ratio Lower Upper

75 100

77 78.8 22.7 42.1#



#48

2-Hexanone

Concen: 1.247 ug/L

RT: 8.74 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VU035234.D

Acq: 18 Oct 2019 01:22

Tgt Ion: 43 Resp: 14656

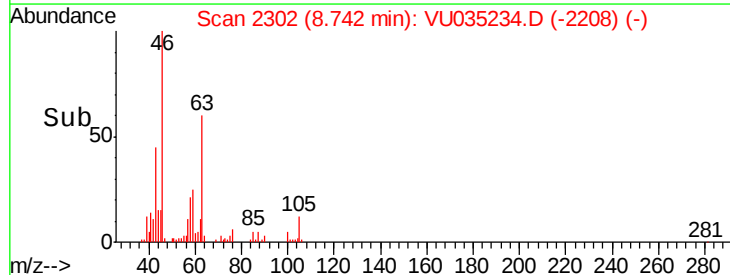
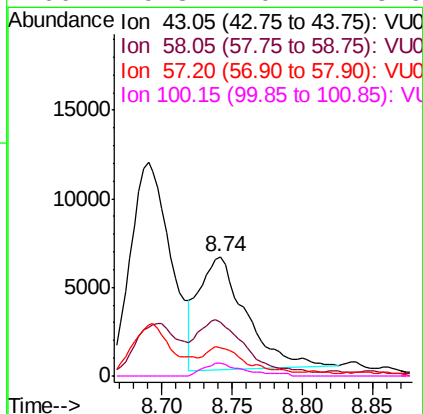
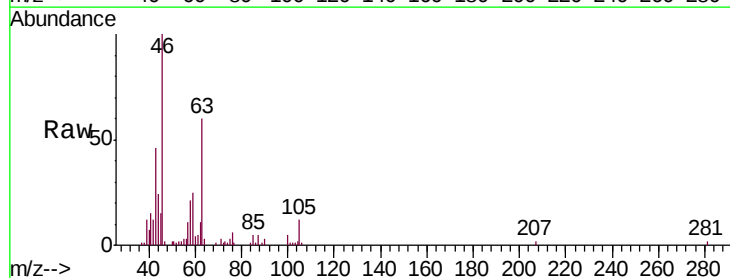
Ion Ratio Lower Upper

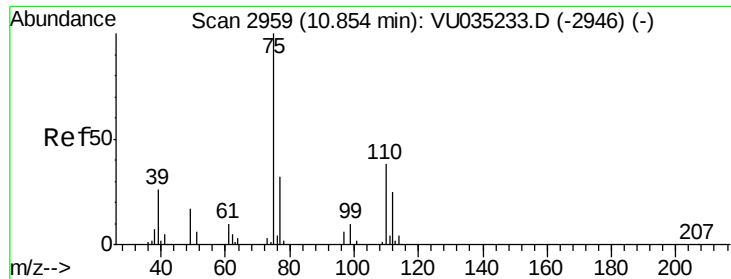
43 100

58 48.9 45.1 67.7

57 21.9 16.0 24.0

100 9.3 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 1.000 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035234.D

Acq: 18 Oct 2019 01:22

Instrument :

MSVOA_U

ClientSampleId :

VBLK25

Tgt Ion: 75 Resp: 17292

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2

