

Data File : VU035330.D
Acq On : 21 Oct 2019 19:16
Operator : JC/SP
Sample : K5419-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 22 06:43:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	305280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	296120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	106553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	77084	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	76497	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.59	63	103150	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.71	46	263092	49.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.36%
24) Chloroform-d	5.11	84	154300	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	92211	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	304682	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.74	67	106301	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	267366	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.22	79	40818	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.69	63	215179	46.76	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92456	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	89438	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

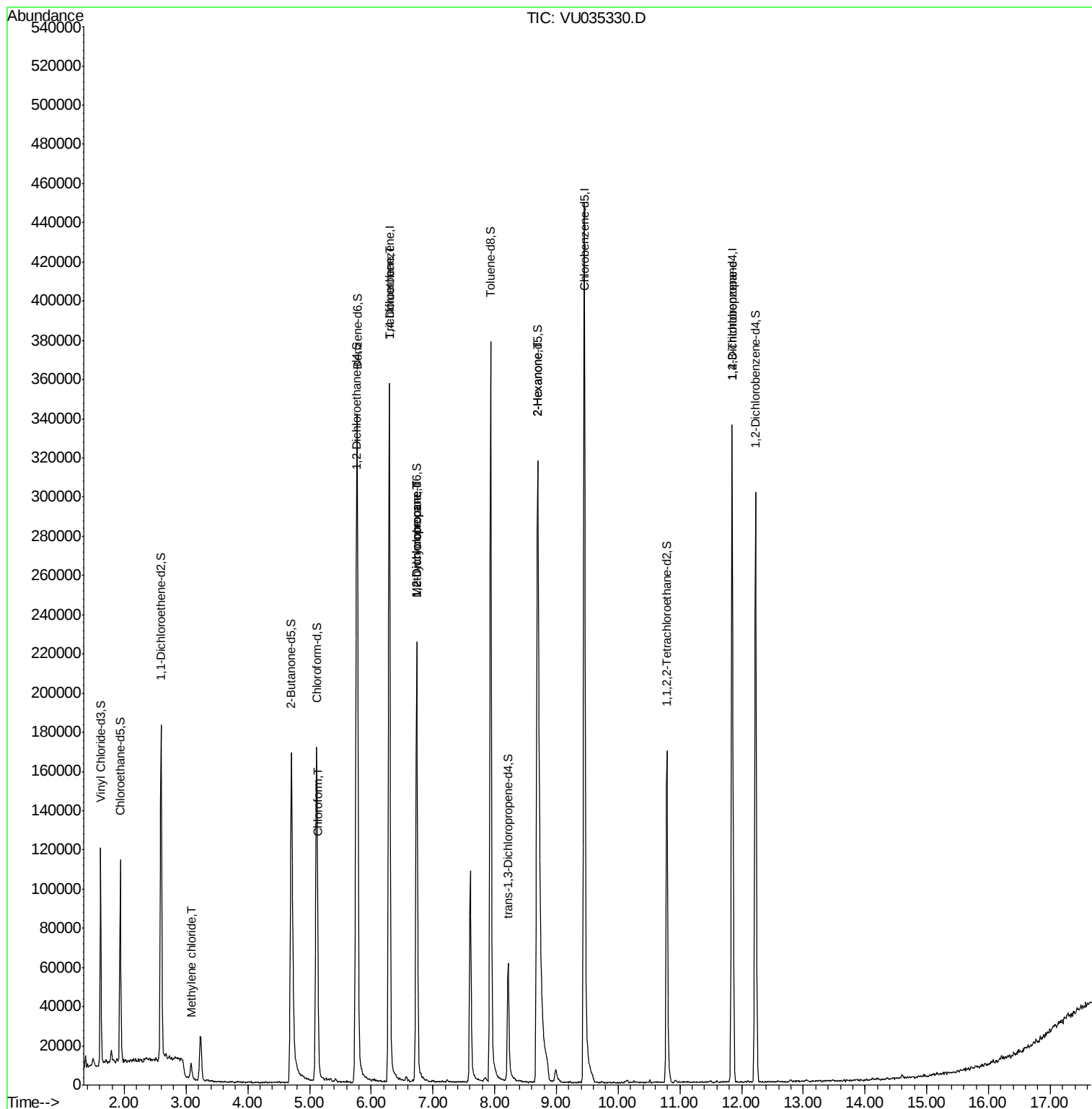
						Qvalue
16) Methylene chloride	3.08	84	3973	0.168	ug/L	97
25) Chloroform	5.14	83	11879	0.283	ug/L	89
34) Trichloroethene	6.29	95	5280	0.225	ug/L #	3
35) Methylcyclohexane	6.74	83	24613	0.629	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12167	0.550	ug/L #	86
48) 2-Hexanone	8.70	43	18421	1.759	ug/L #	66
59) 1,2,3-Trichloropropane	11.85	75	13431	0.872	ug/L	95

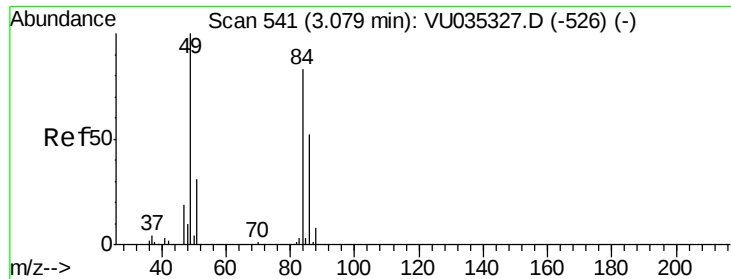
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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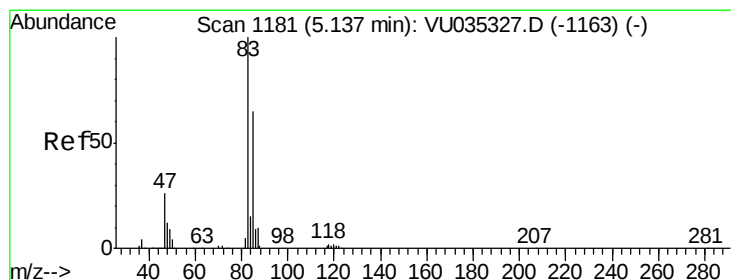
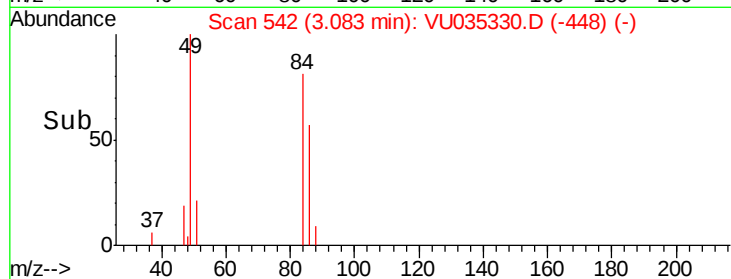
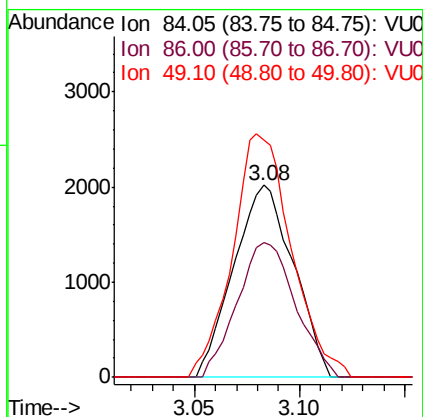
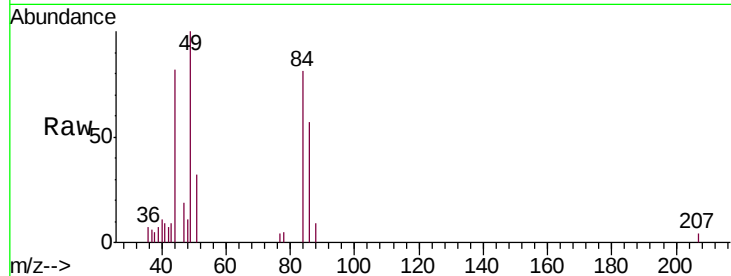




#16
Methylene chloride
Concen: 0.168 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035330.D
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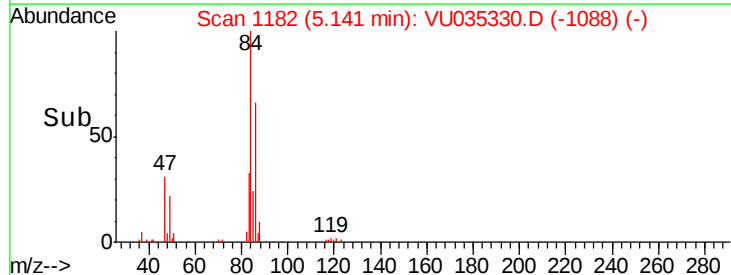
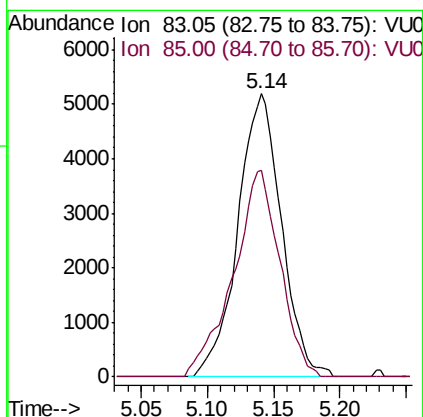
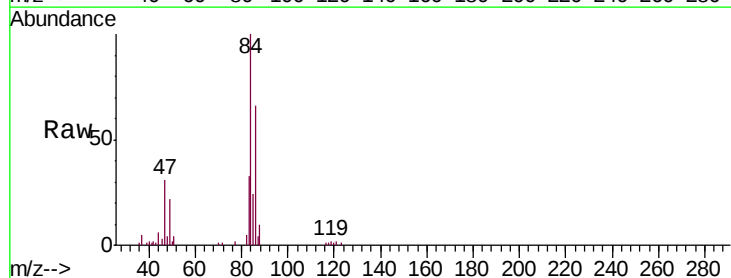
Instrument :
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VHBLK01

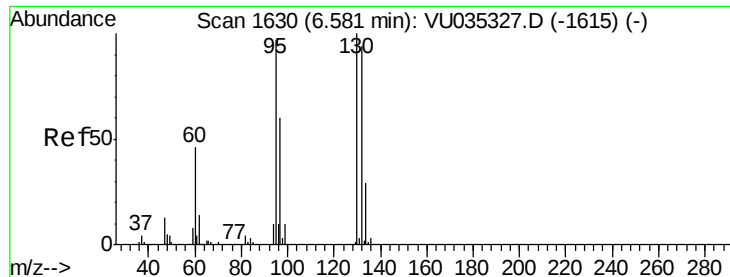
Tgt Ion: 84 Resp: 3973
Ion Ratio Lower Upper
84 100
86 69.9 45.4 84.2
49 123.4 86.8 161.2



#25
Chloroform
Concen: 0.283 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035330.D
Acq: 21 Oct 2019 19:16

Tgt Ion: 83 Resp: 11879
Ion Ratio Lower Upper
83 100
85 72.9 45.1 83.9





#34

Trichloroethene

Concen: 0.225 ug/L

RT: 6.29 min Scan# 1540

Delta R.T. -0.29 min

Lab File: VU035330.D

Acq: 21 Oct 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 5280

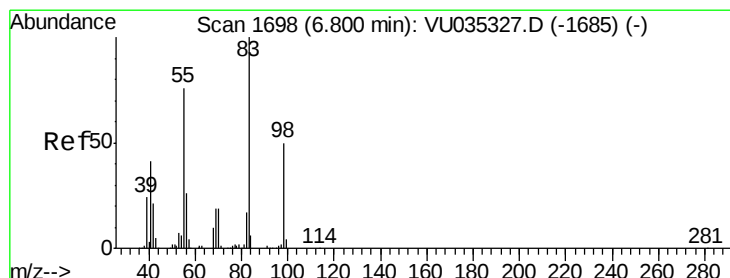
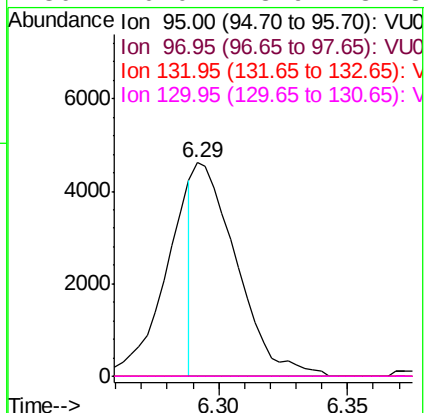
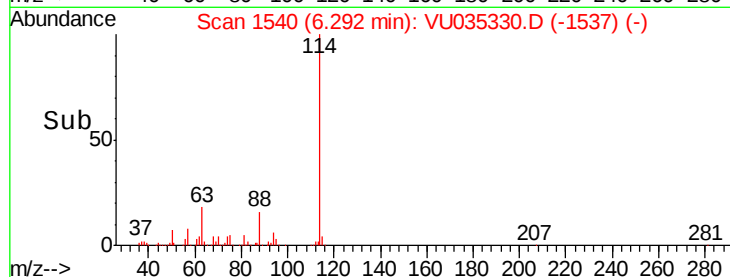
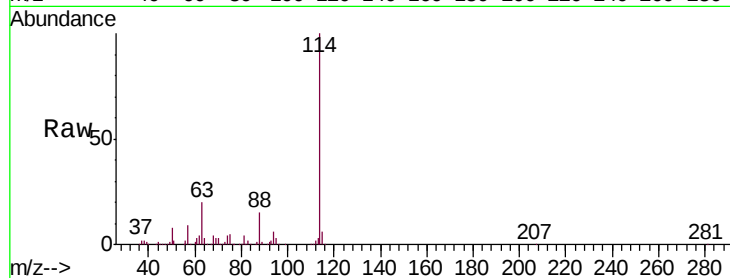
Ion Ratio Lower Upper

95 100

97 0.0 46.6 86.6#

132 0.0 68.7 127.7#

130 0.0 73.9 137.3#



#35

Methylcyclohexane

Concen: 0.629 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035330.D

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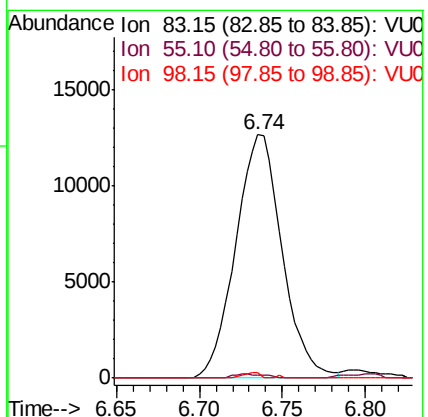
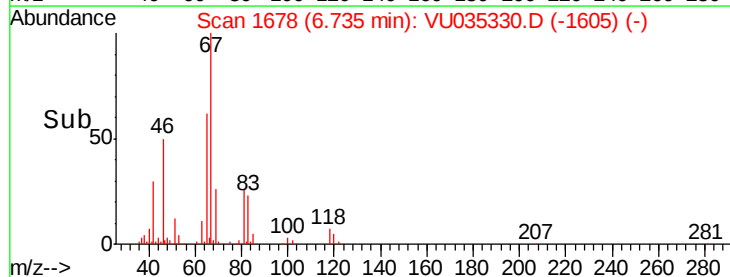
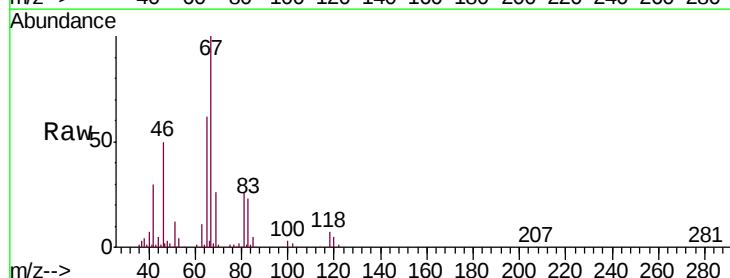
Tgt Ion: 83 Resp: 24613

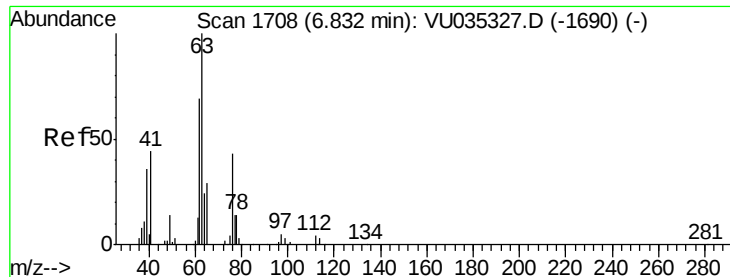
Ion Ratio Lower Upper

83 100

55 1.1 60.4 90.6#

98 0.8 39.5 59.3#

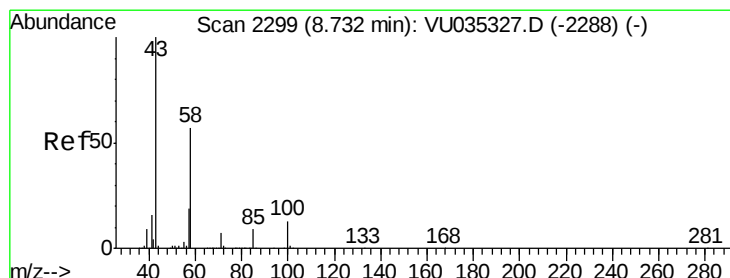
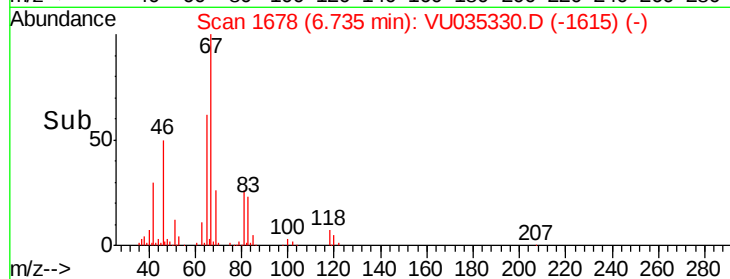
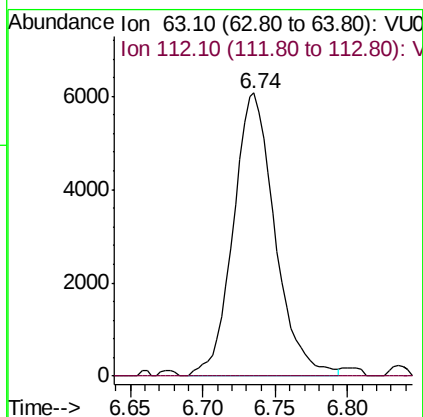
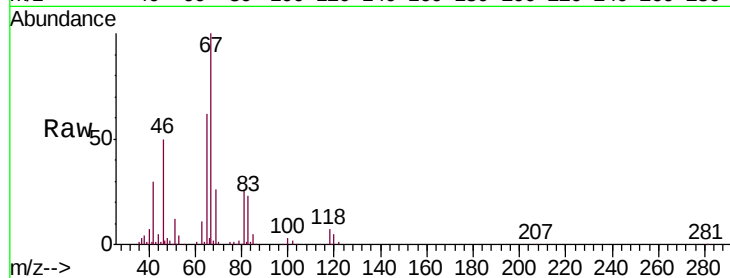




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035330.D
 Acq: 21 Oct 2019 19:16

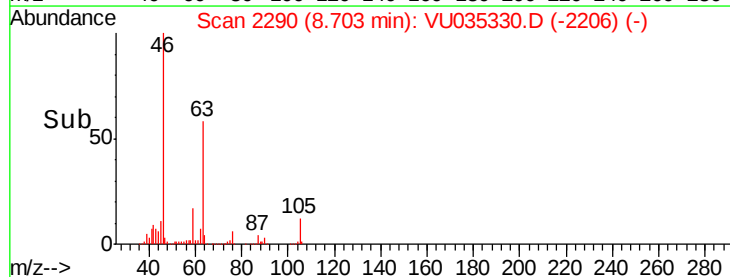
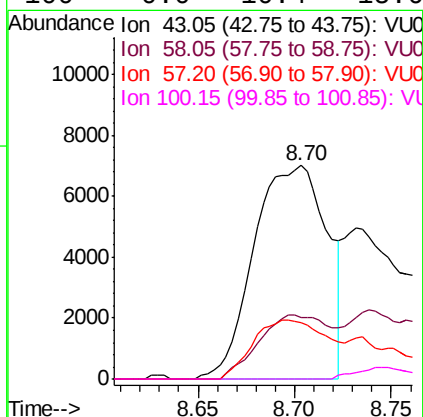
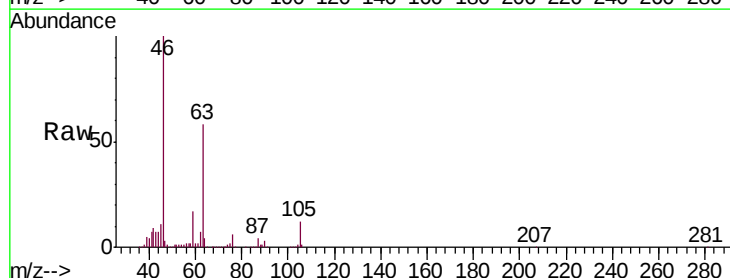
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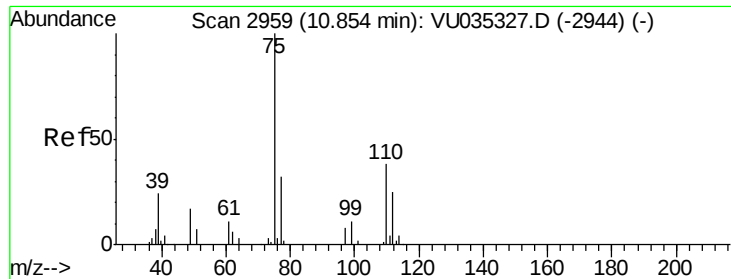
Tgt Ion: 63 Resp: 12167
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.759 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.03 min
 Lab File: VU035330.D
 Acq: 21 Oct 2019 19:16

Tgt Ion: 43 Resp: 18421
 Ion Ratio Lower Upper
 43 100
 58 27.6 45.1 67.7#
 57 28.6 16.0 24.0#
 100 0.0 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.872 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035330.D

Acq: 21 Oct 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 13431

Ion Ratio Lower Upper

75 100

77 35.6 26.2 39.2

