

Data File : VU035487.D
Acq On : 25 Oct 2019 15:04
Operator : JC/SP
Sample : K5488-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 26 04:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	208666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	231072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140835	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	113486	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	169865	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.71	46	272531	49.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	5.11	84	201405	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.75	65	111884	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	413335	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.74	67	136090	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.93	98	341266	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.22	79	48426	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.68	63	193916	48.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103460	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	101052	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

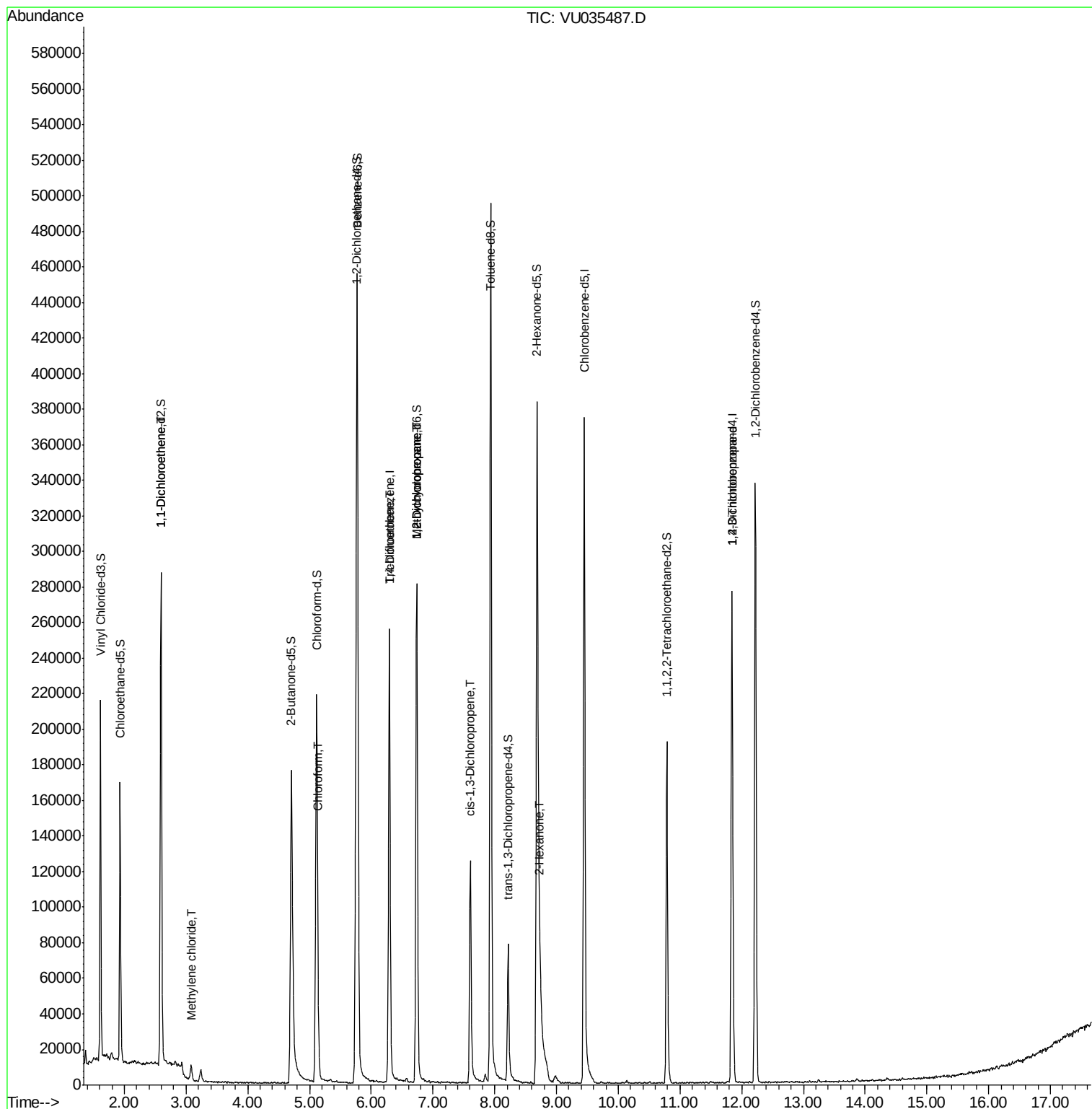
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1404	0.071 ug/L #	1
16) Methylene chloride	3.08	84	4166	0.162 ug/L	94
25) Chloroform	5.14	83	11717	0.259 ug/L	92
34) Trichloroethene	6.29	95	3615	0.160 ug/L #	5
35) Methylcyclohexane	6.74	83	30427	0.870 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14463	0.595 ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	3699	0.109 ug/L #	61
48) 2-Hexanone	8.74	43	22017	2.274 ug/L #	74
59) 1,2,3-Trichloropropane	11.84	75	11571	0.743 ug/L	96

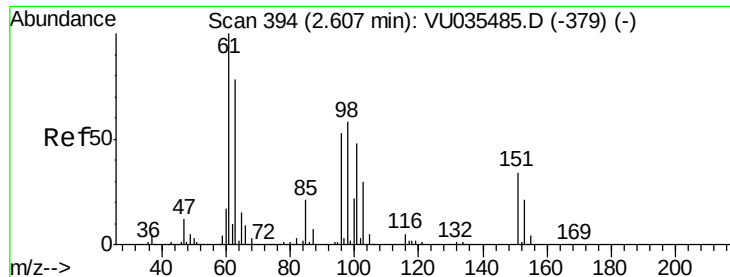
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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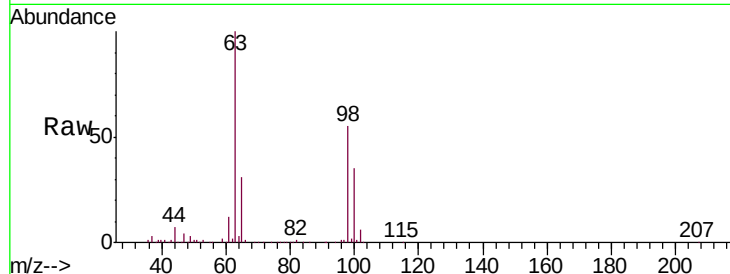




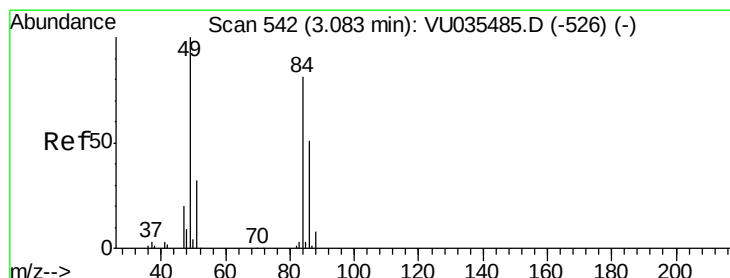
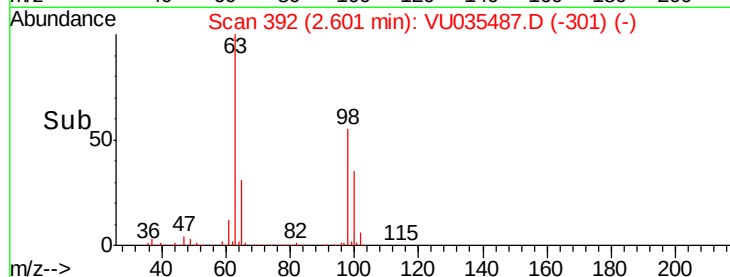
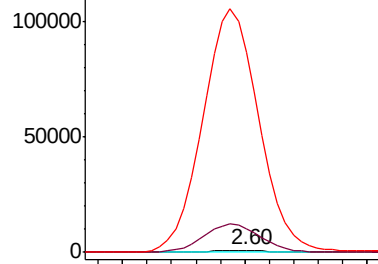
#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: VU035487.D
 Acq: 25 Oct 2019 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 96 Resp: 1404
 Ion Ratio Lower Upper
 96 100
 61 1323.9 131.9 244.9#
 63 11307.2 97.0 180.2#

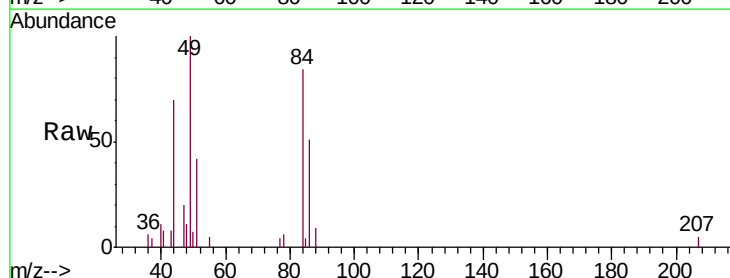


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

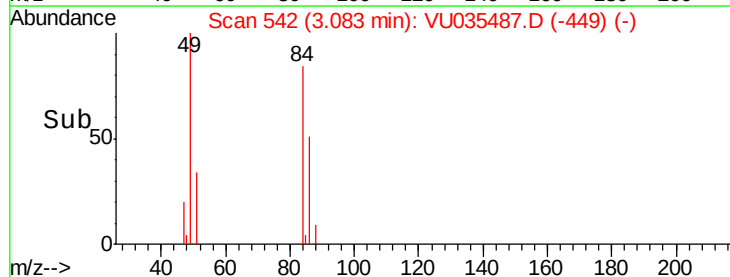
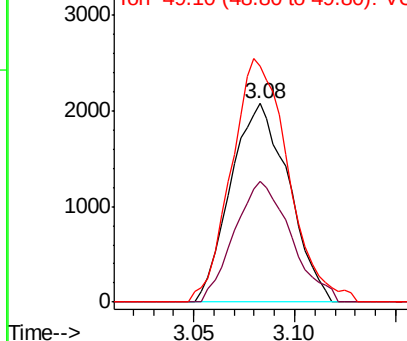


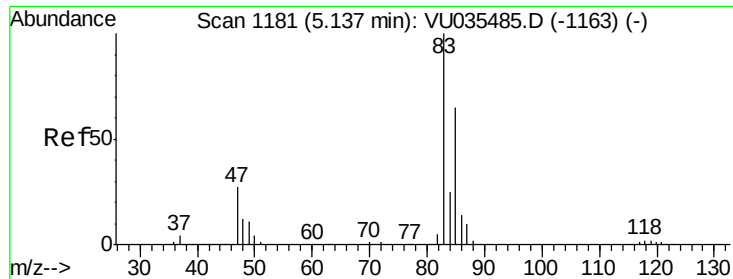
#16
 Methylene chloride
 Concen: 0.162 ug/L
 RT: 3.08 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VU035487.D
 Acq: 25 Oct 2019 15:04

Tgt Ion: 84 Resp: 4166
 Ion Ratio Lower Upper
 84 100
 86 60.8 43.7 81.1
 49 118.8 89.5 166.3



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

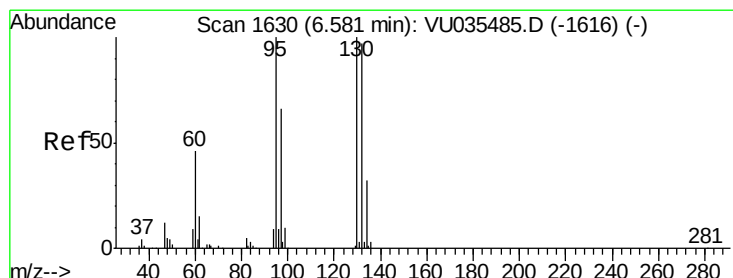
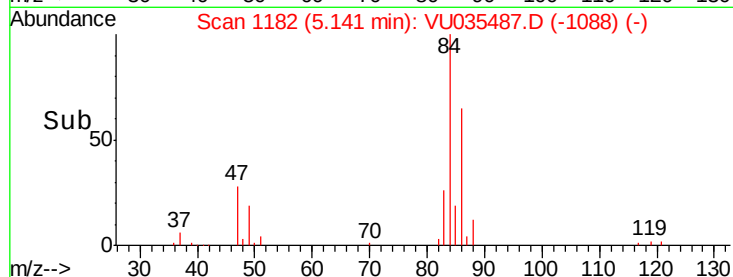
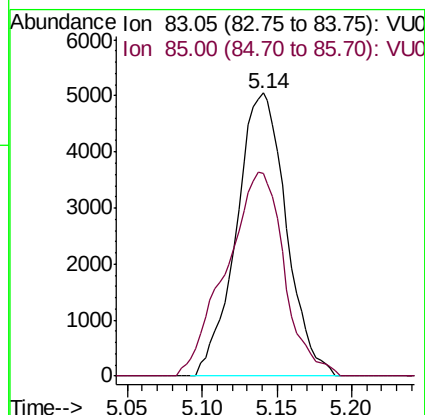
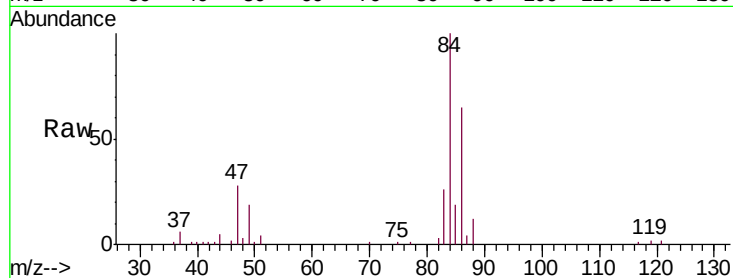




#25
Chloroform
Concen: 0.259 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035487.D
Acq: 25 Oct 2019 15:04

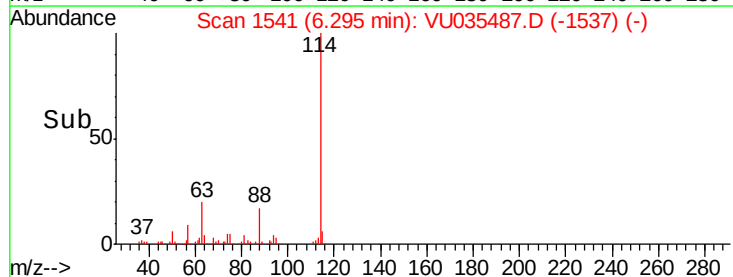
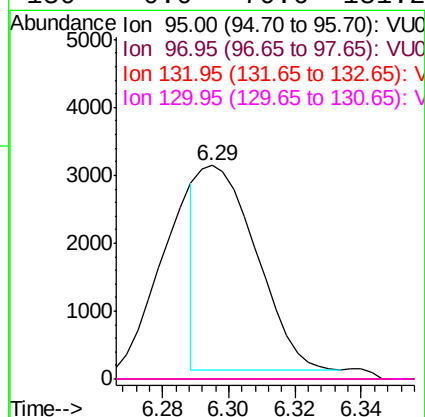
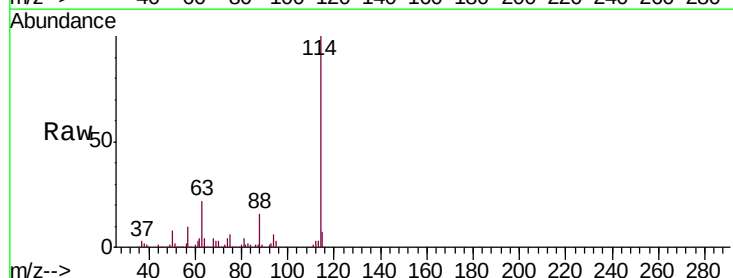
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

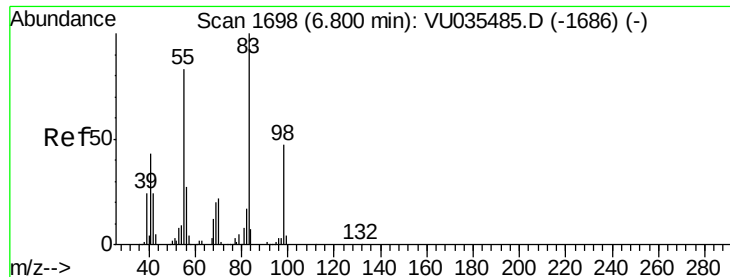
Tgt Ion: 83 Resp: 11717
Ion Ratio Lower Upper
83 100
85 71.4 45.7 84.9



#34
Trichloroethene
Concen: 0.160 ug/L
RT: 6.29 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035487.D
Acq: 25 Oct 2019 15:04

Tgt Ion: 95 Resp: 3615
Ion Ratio Lower Upper
95 100
97 0.0 43.8 81.4#
132 0.0 67.3 124.9#
130 0.0 70.6 131.2#

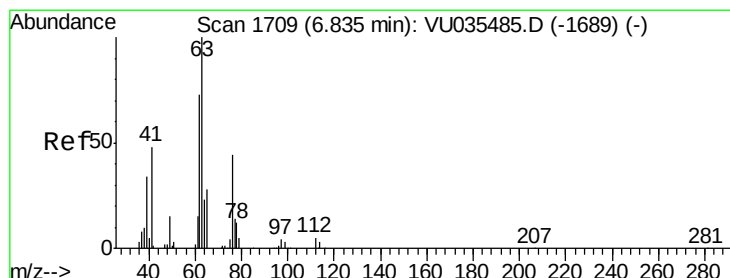
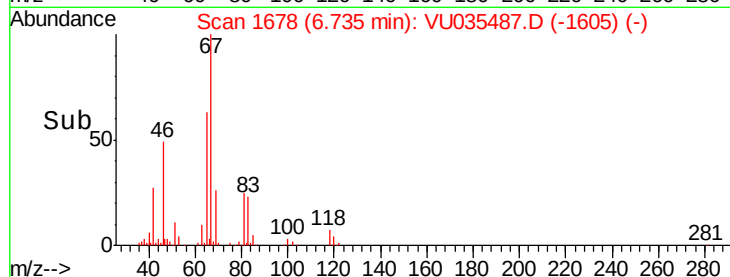
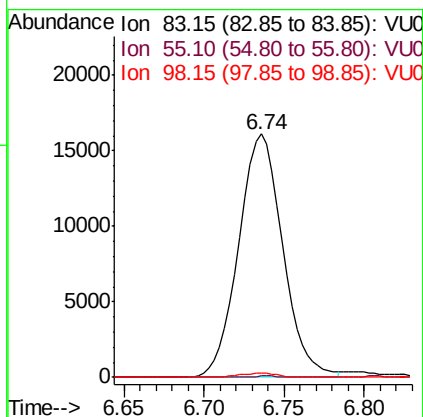
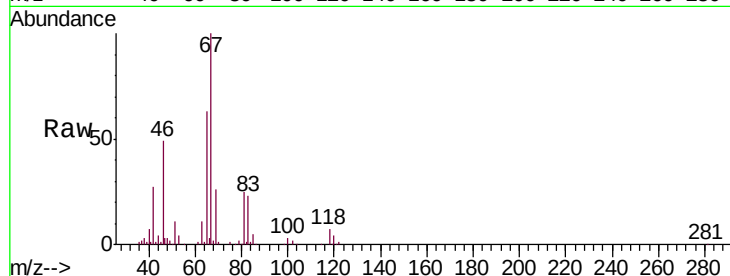




#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035487.D
Acq: 25 Oct 2019 15:04

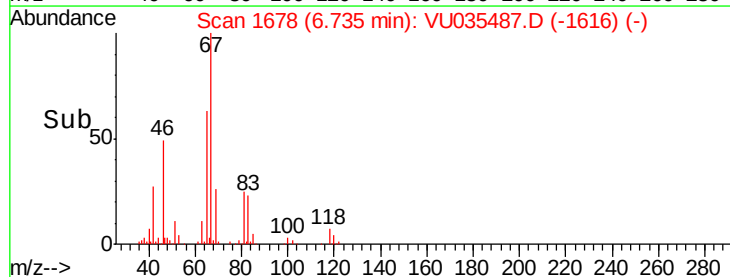
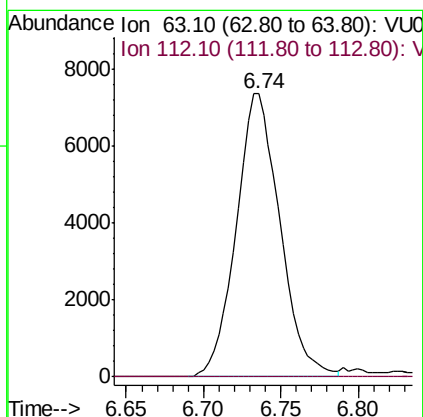
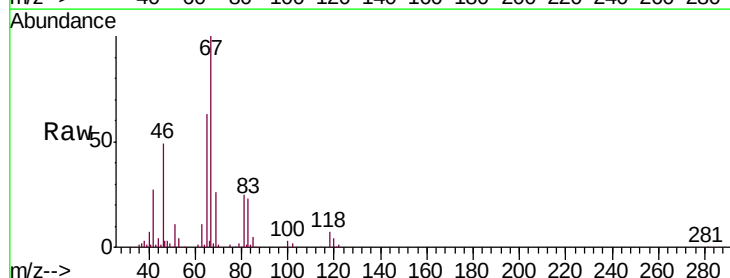
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

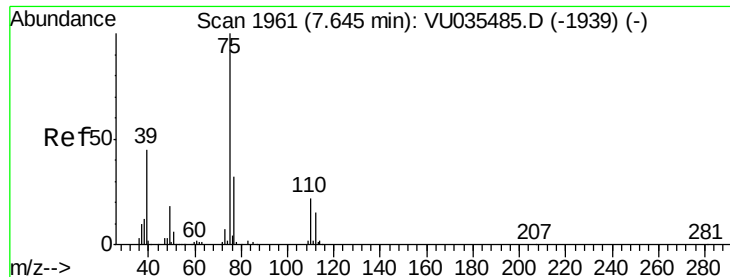
Tgt Ion: 83 Resp: 30427
Ion Ratio Lower Upper
83 100
55 0.2 67.3 100.9#
98 1.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035487.D
Acq: 25 Oct 2019 15:04

Tgt Ion: 63 Resp: 14463
Ion Ratio Lower Upper
63 100
112 0.4 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035487.D

Acq: 25 Oct 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

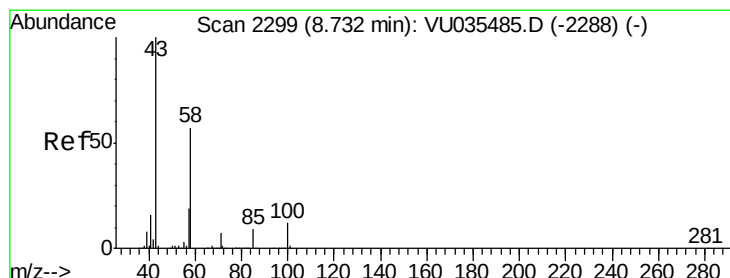
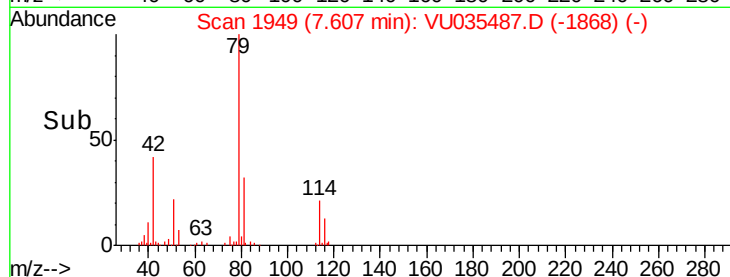
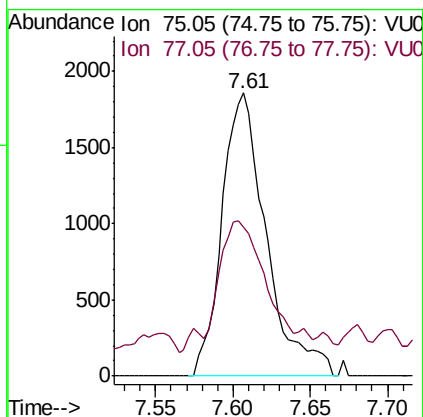
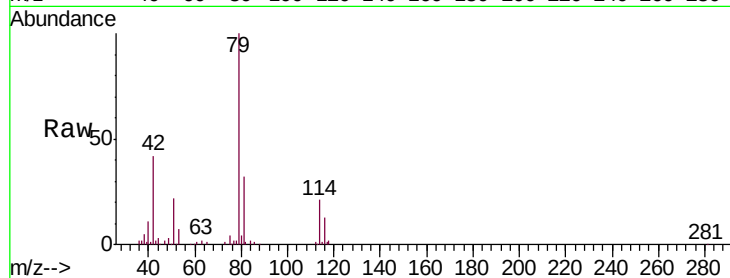
VHBLK01

Tgt Ion: 75 Resp: 3699

Ion Ratio Lower Upper

75 100

77 52.8 22.0 40.8#



#48

2-Hexanone

Concen: 2.274 ug/L

RT: 8.74 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VU035487.D

Acq: 25 Oct 2019 15:04

Tgt Ion: 43 Resp: 22017

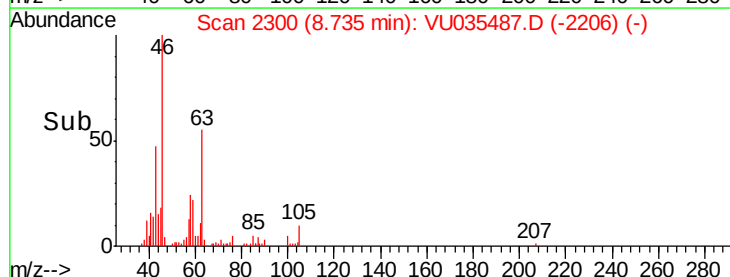
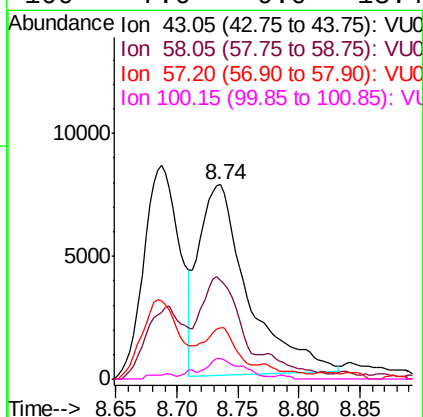
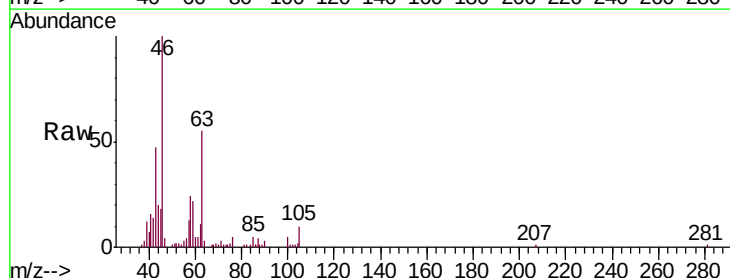
Ion Ratio Lower Upper

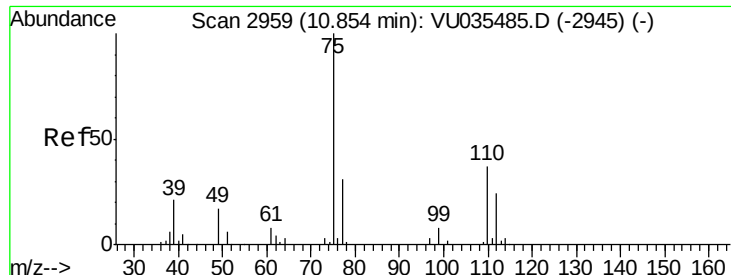
43 100

58 29.8 43.1 64.7#

57 12.4 14.2 21.2#

100 7.6 9.0 13.4#





#59
 1,2,3-Trichloropropane
 Concen: 0.743 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035487.D
 Acq: 25 Oct 2019 15:04

Instrument :
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Tgt Ion: 75 Resp: 11571
 Ion Ratio Lower Upper
 75 100
 77 36.4 27.4 41.0

