

Data File : VU035473.D
Acq On : 24 Oct 2019 21:01
Operator : JC/SP
Sample : K5488-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G34DL

Quant Time: Oct 25 07:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	209704	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	215608	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	63182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	48433	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.93	69	52207	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.60	63	66811	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.70	46	223783	60.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.80%
24) Chloroform-d	5.11	84	115323	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	69973	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.77	84	201518	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.74	67	79680	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	153742	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
43) trans-1,3-Dichloropropene-	8.22	79	25682	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.70	63	143821	42.92	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	75440	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	50426	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

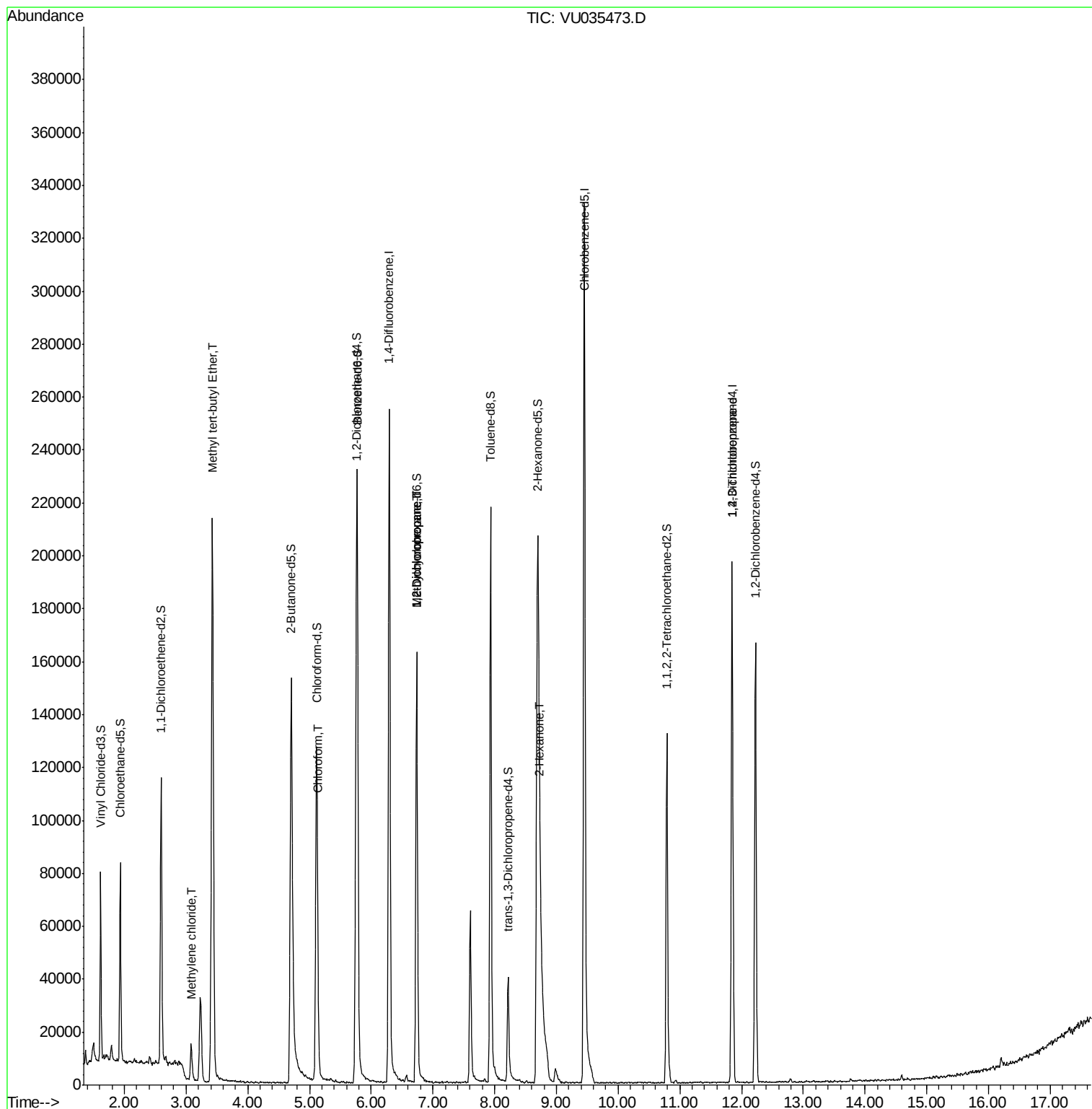
						Qvalue
16) Methylene chloride	3.08	84	6340	0.391	ug/L	96
17) Methyl tert-butyl Ether	3.43	73	224564	6.193	ug/L	97
25) Chloroform	5.14	83	10670	0.370	ug/L	97
35) Methylcyclohexane	6.74	83	18207	0.639	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	9121	0.566	ug/L #	86
48) 2-Hexanone	8.74	43	12553	1.646	ug/L #	41
59) 1,2,3-Trichloropropane	11.84	75	7836	0.698	ug/L	93

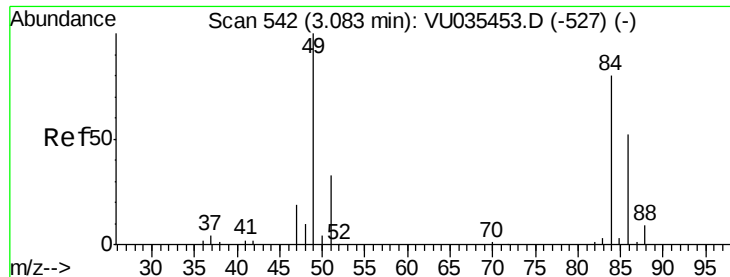
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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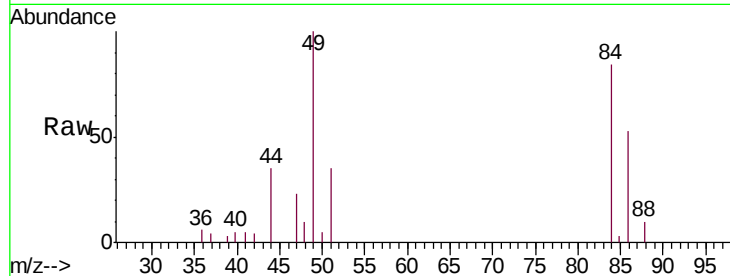




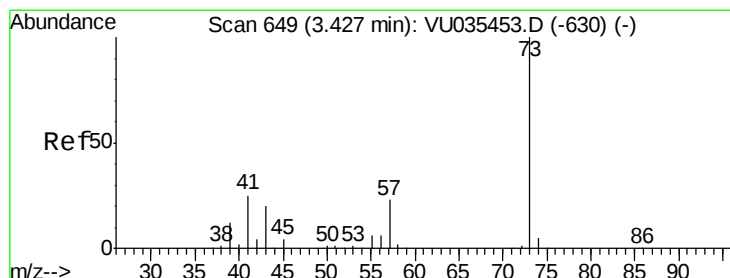
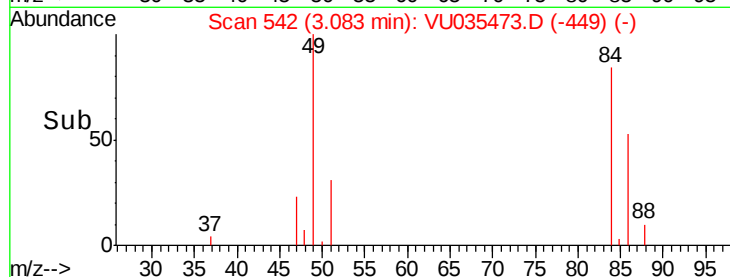
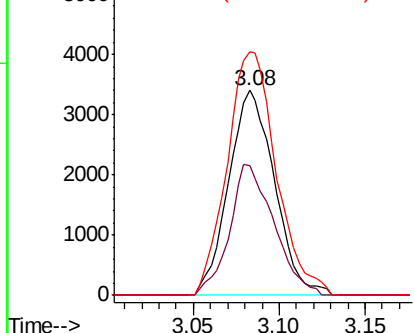
#16
Methylene chloride
Concen: 0.391 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035473.D
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Instrument :
MSVOA_U
ClientSampleId :
H0G34DL

Tgt Ion: 84 Resp: 6340
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.2
49 118.8 86.8 161.2

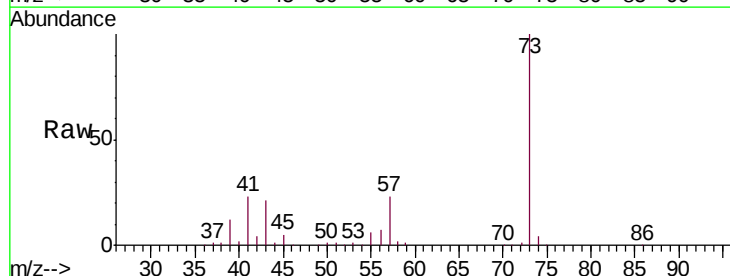


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

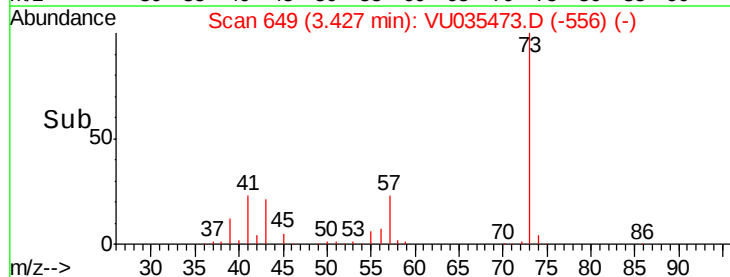
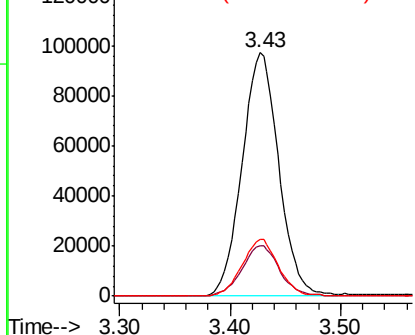


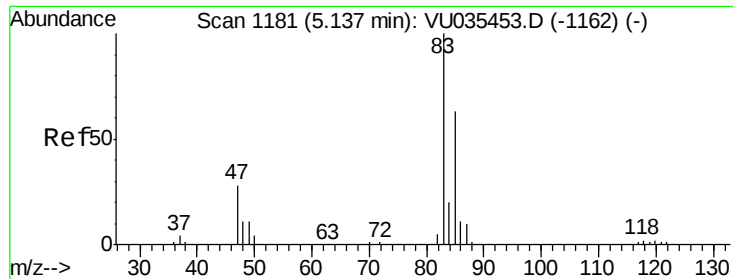
#17
Methyl tert-butyl Ether
Concen: 6.193 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035473.D
Acq: 24 Oct 2019 21:01

Tgt Ion: 73 Resp: 224564
Ion Ratio Lower Upper
73 100
43 21.3 16.0 24.0
57 23.1 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

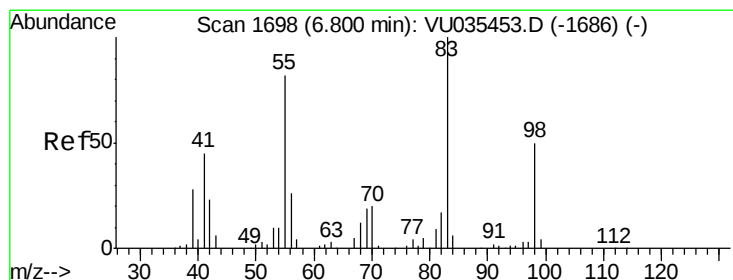
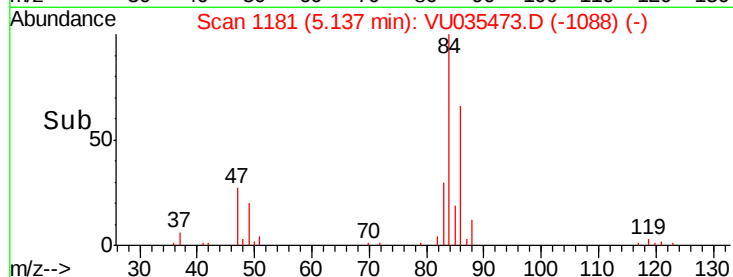
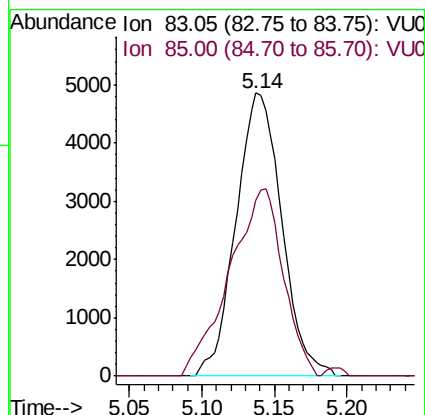
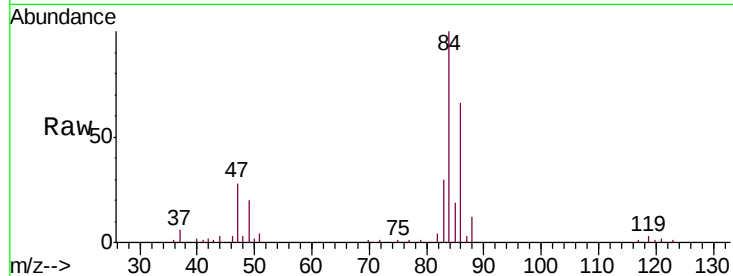




#25
Chloroform
Concen: 0.370 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035473.D
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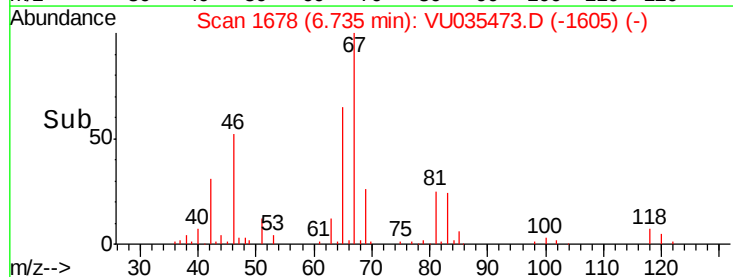
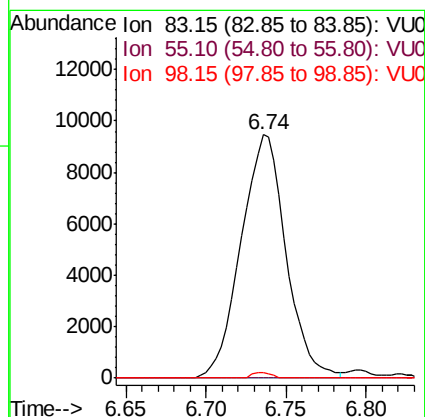
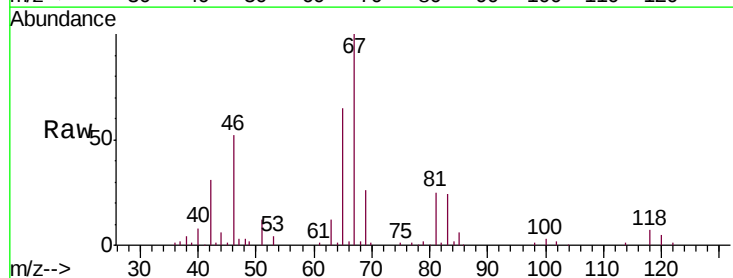
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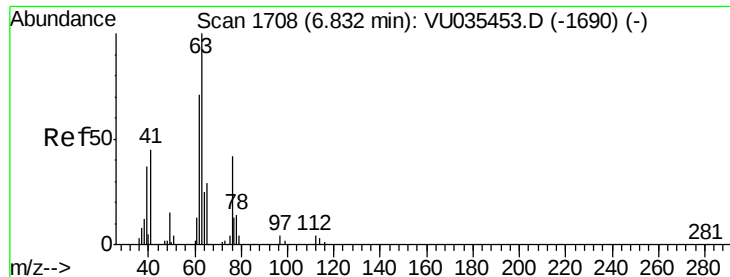
Tgt Ion: 83 Resp: 10670
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.9



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035473.D
Acq: 24 Oct 2019 21:01

Tgt Ion: 83 Resp: 18207
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.9 39.5 59.3#

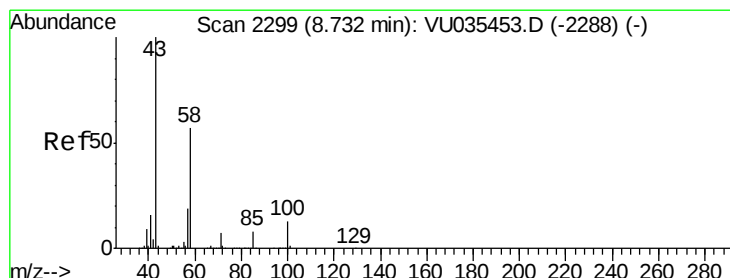
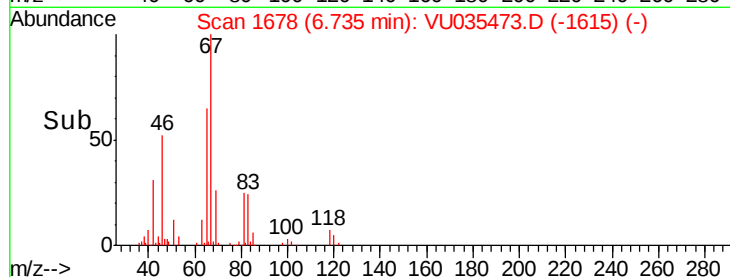
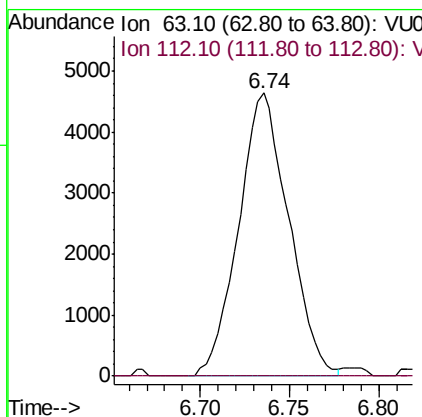
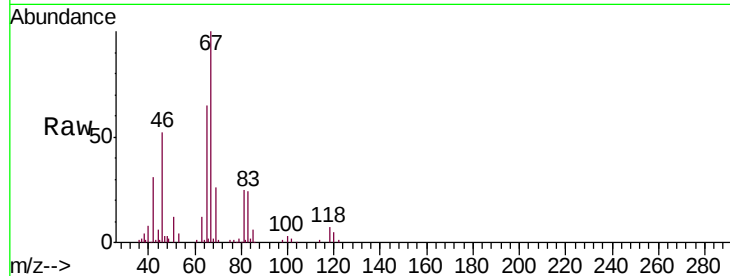




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035473.D
 Acq: 24 Oct 2019 21:01

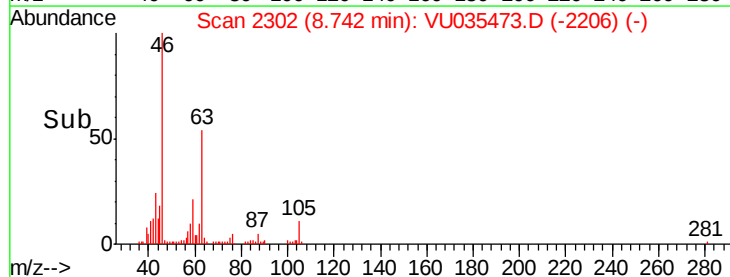
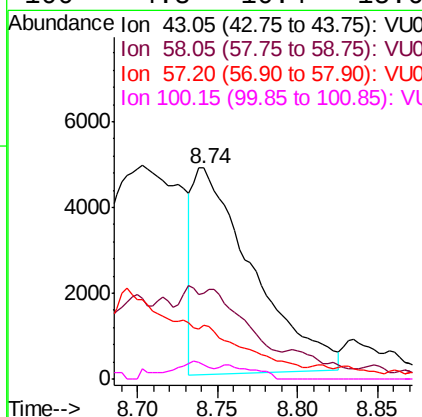
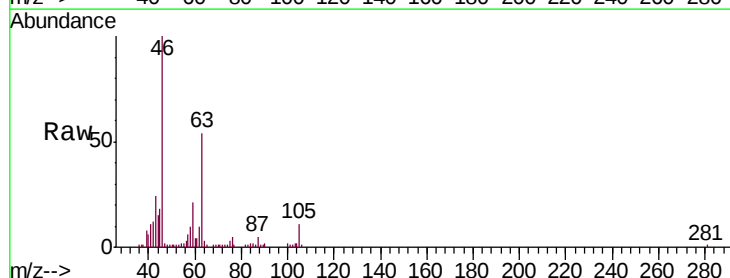
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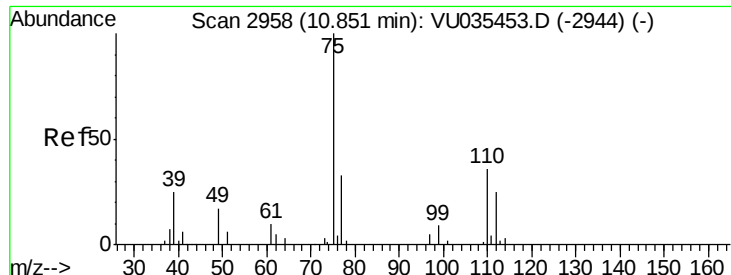
Tgt Ion: 63 Resp: 9121
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.646 ug/L
 RT: 8.74 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VU035473.D
 Acq: 24 Oct 2019 21:01

Tgt Ion: 43 Resp: 12553
 Ion Ratio Lower Upper
 43 100
 58 2.8 45.1 67.7#
 57 0.0 16.0 24.0#
 100 4.8 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.698 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035473.D

Acq: 24 Oct 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

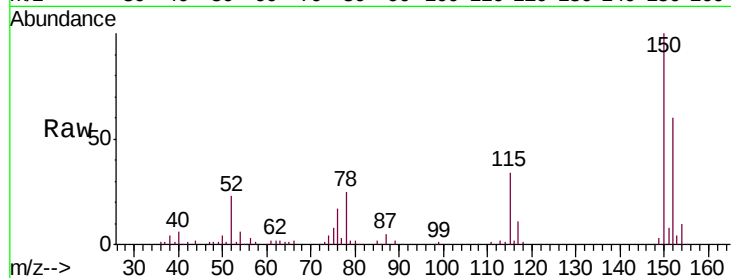
H0G34DL

Tgt Ion: 75 Resp: 7836

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

