

Data File : VU035073.D
Acq On : 11 Oct 2019 01:53
Operator : JC/SP
Sample : K5309-11 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01

Quant Time: Oct 11 04:47:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35902	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.67	69	37758	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.26	63	56578	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.17	46	163178	59.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.80%
24) Chloroform-d	4.62	84	82257	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.29	65	53603	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.32	84	167411	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.31	67	63876	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.55	98	144092	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.84	79	18441	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.30	63	111941	50.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57667	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	57273	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

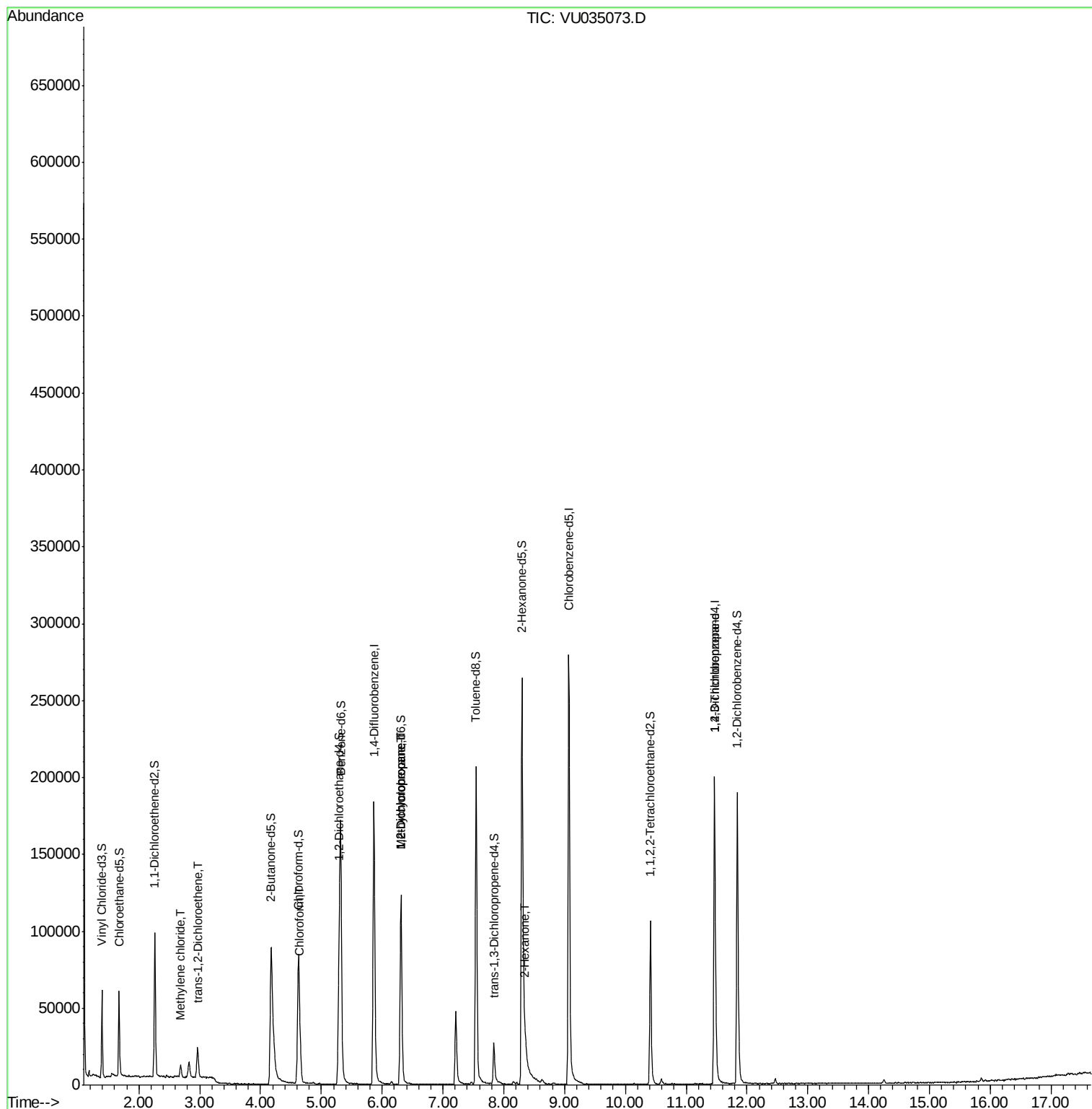
					Qvalue
16) Methylene chloride	2.69	84	2930	0.235 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	6924	0.643 ug/L	92
25) Chloroform	4.65	83	15474	0.644 ug/L	98
35) Methylcyclohexane	6.31	83	14238	0.685 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7007	0.522 ug/L #	88
48) 2-Hexanone	8.36	43	5725	0.989 ug/L #	77
59) 1,2,3-Trichloropropane	11.47	75	8279	0.953 ug/L	96

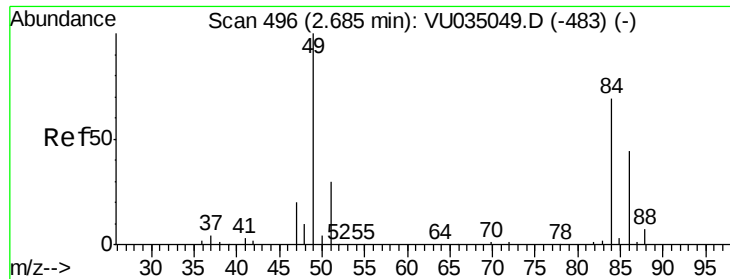
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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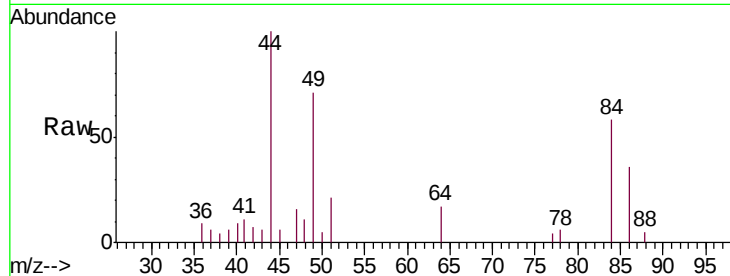




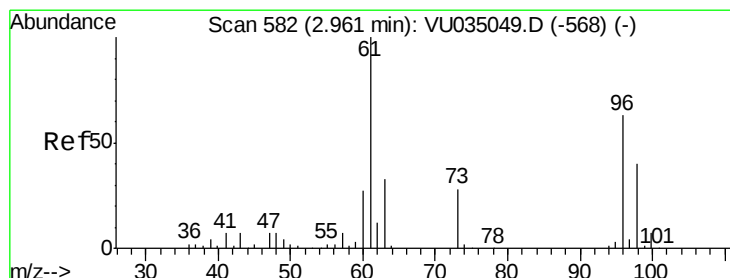
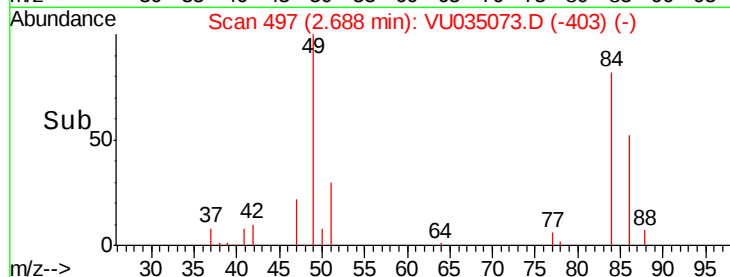
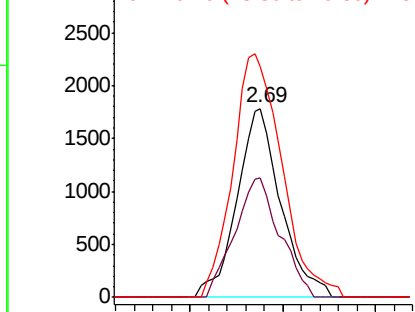
#16
Methylene chloride
Concen: 0.235 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035073.D
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Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01

Tgt Ion: 84 Resp: 2930
Ion Ratio Lower Upper
84 100
86 63.1 42.5 78.9
49 122.1 86.9 161.3

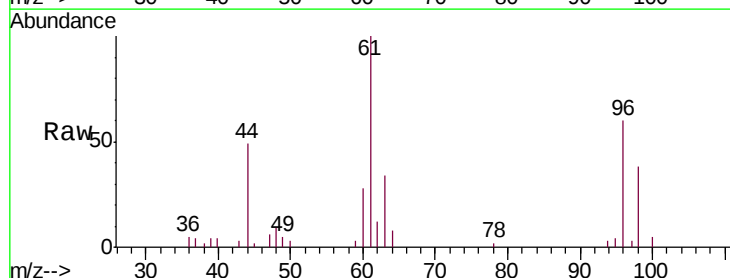


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

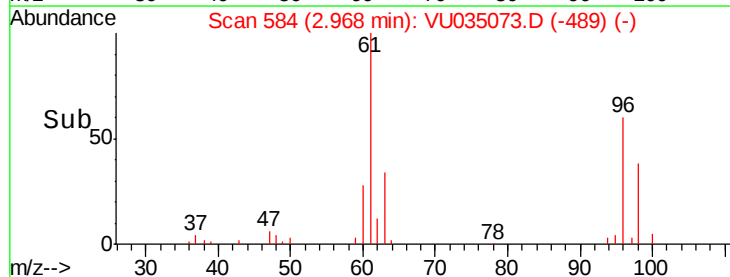
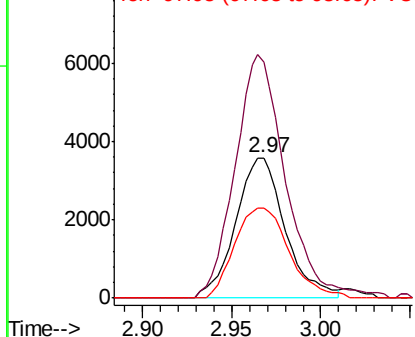


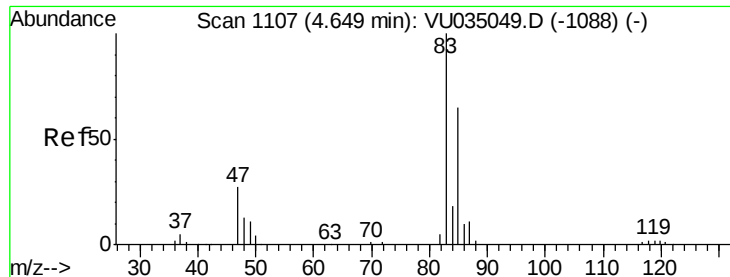
#18
trans-1,2-Dichloroethene
Concen: 0.643 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.01 min
Lab File: VU035073.D
Acq: 11 Oct 2019 01:53

Tgt Ion: 96 Resp: 6924
Ion Ratio Lower Upper
96 100
61 167.9 107.1 198.9
98 64.4 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

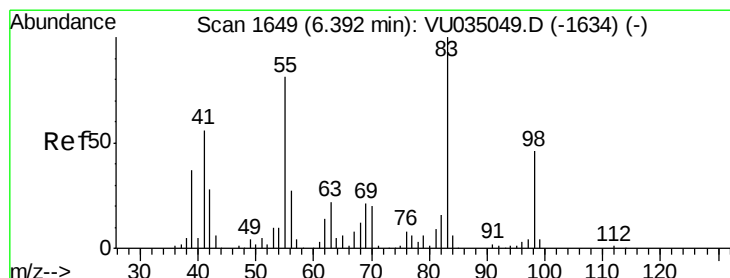
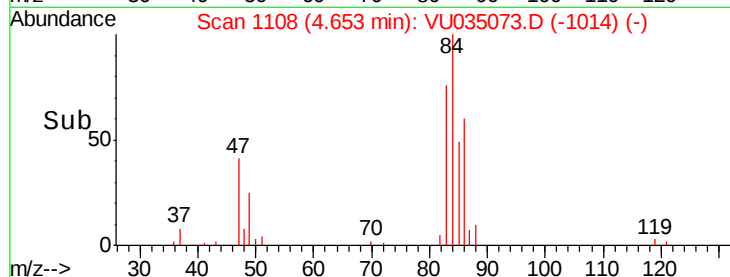
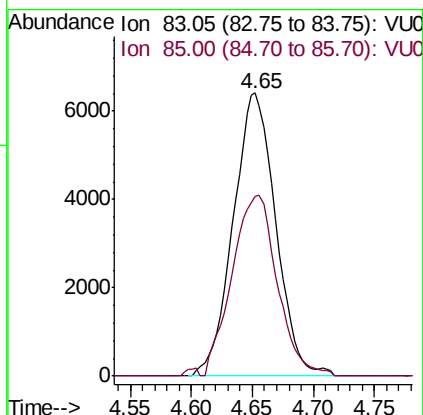
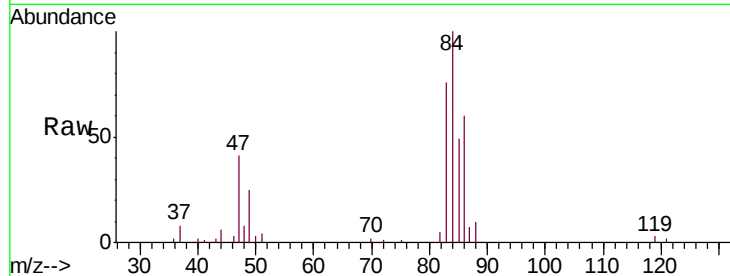




#25
Chloroform
Concen: 0.644 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035073.D
Acq: 11 Oct 2019 01:53

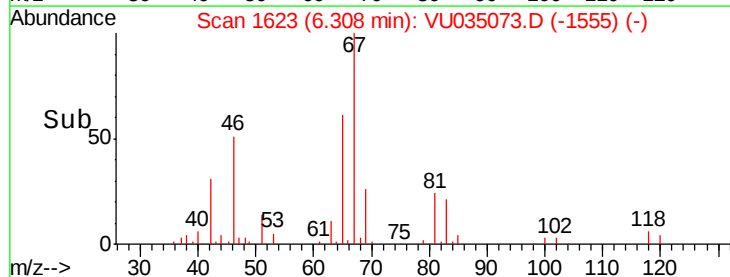
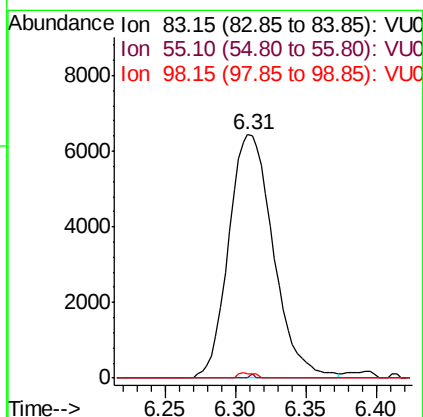
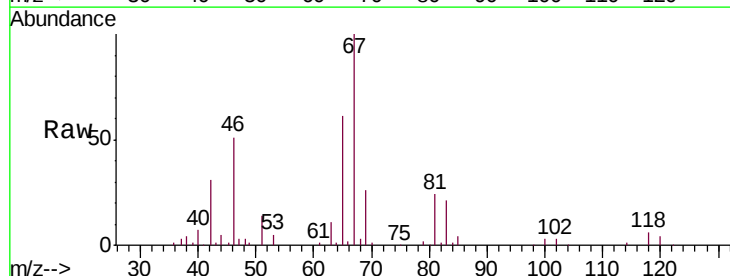
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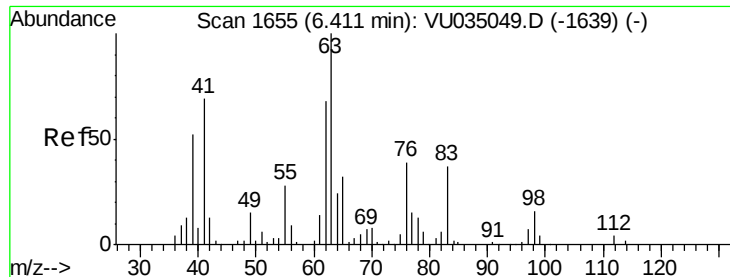
Tgt Ion: 83 Resp: 15474
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.4



#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035073.D
Acq: 11 Oct 2019 01:53

Tgt Ion: 83 Resp: 14238
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.8 36.2 54.2#

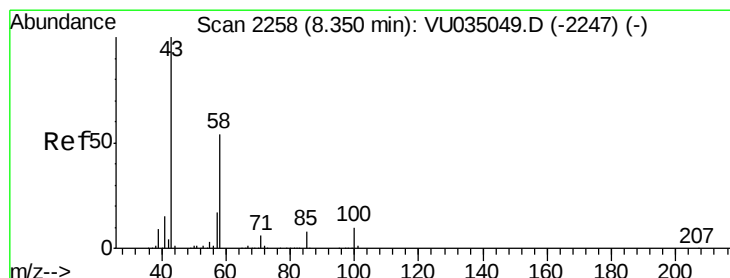
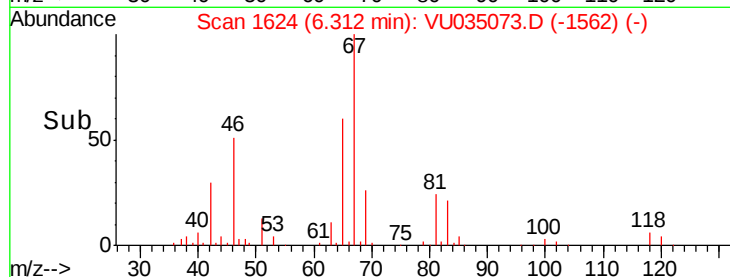
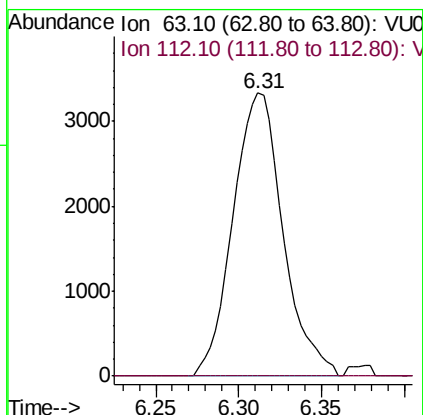
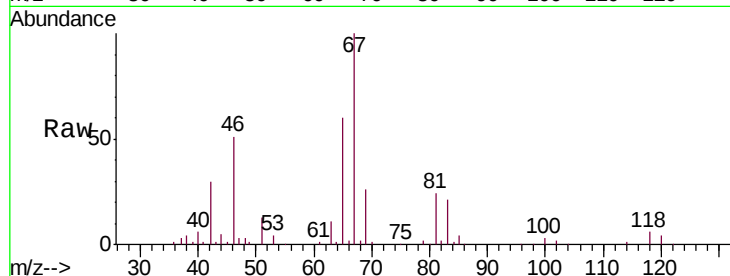




#37
 1,2-Dichloropropane
 Concen: 0.522 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU035073.D
 Acq: 11 Oct 2019 01:53

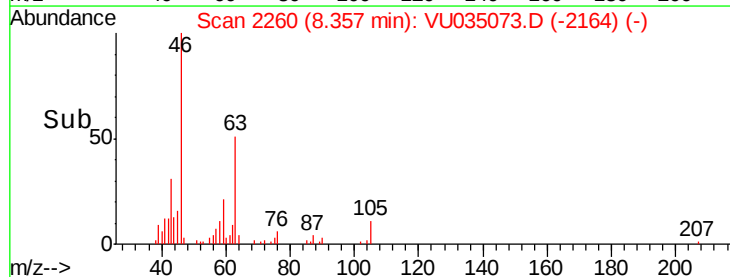
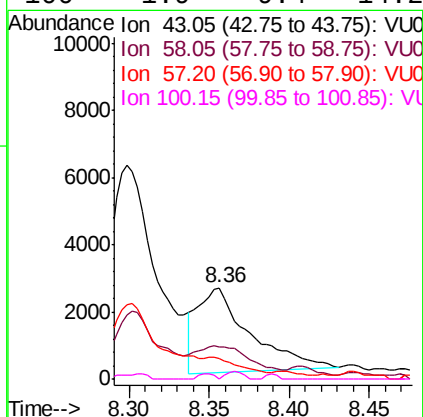
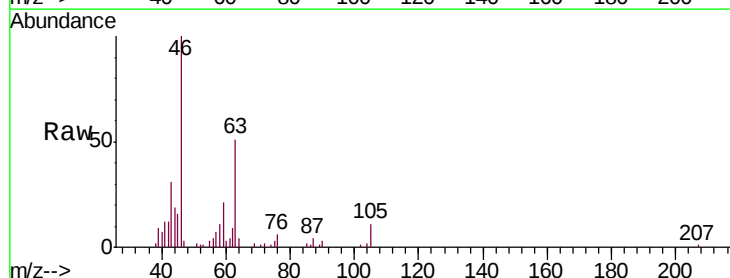
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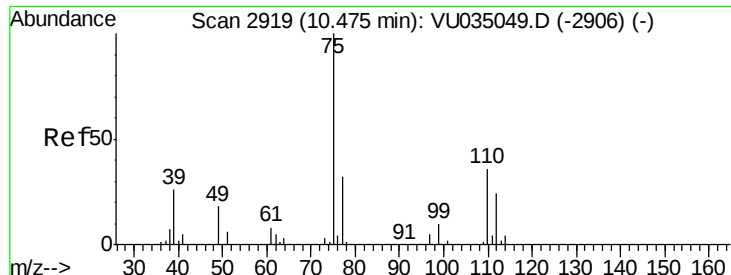
Tgt Ion: 63 Resp: 7007
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 0.989 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU035073.D
 Acq: 11 Oct 2019 01:53

Tgt Ion: 43 Resp: 5725
 Ion Ratio Lower Upper
 43 100
 58 44.2 44.1 66.1
 57 0.0 15.8 23.8#
 100 1.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.953 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035073.D

Acq: 11 Oct 2019 01:53

Instrument :

MSVOA_U

ClientSampleId :

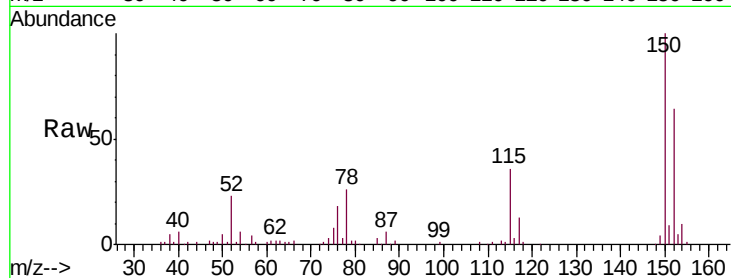
RD-13-001-01

Tgt Ion: 75 Resp: 8279

Ion Ratio Lower Upper

75 100

77 35.6 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

