

Data File : VU033859.D
Acq On : 20 Aug 2019 17:23
Operator : JC/SP
Sample : K4395-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Aug 21 05:46:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:39:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	169374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	181336	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	76985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63995	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.67	69	61309	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.26	63	108851	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	146788	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.62	84	113921	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.29	65	63384	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.31	84	219105	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	73603	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.55	98	180735	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.84	79	25145	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.30	63	103988	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	66727	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	75016	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

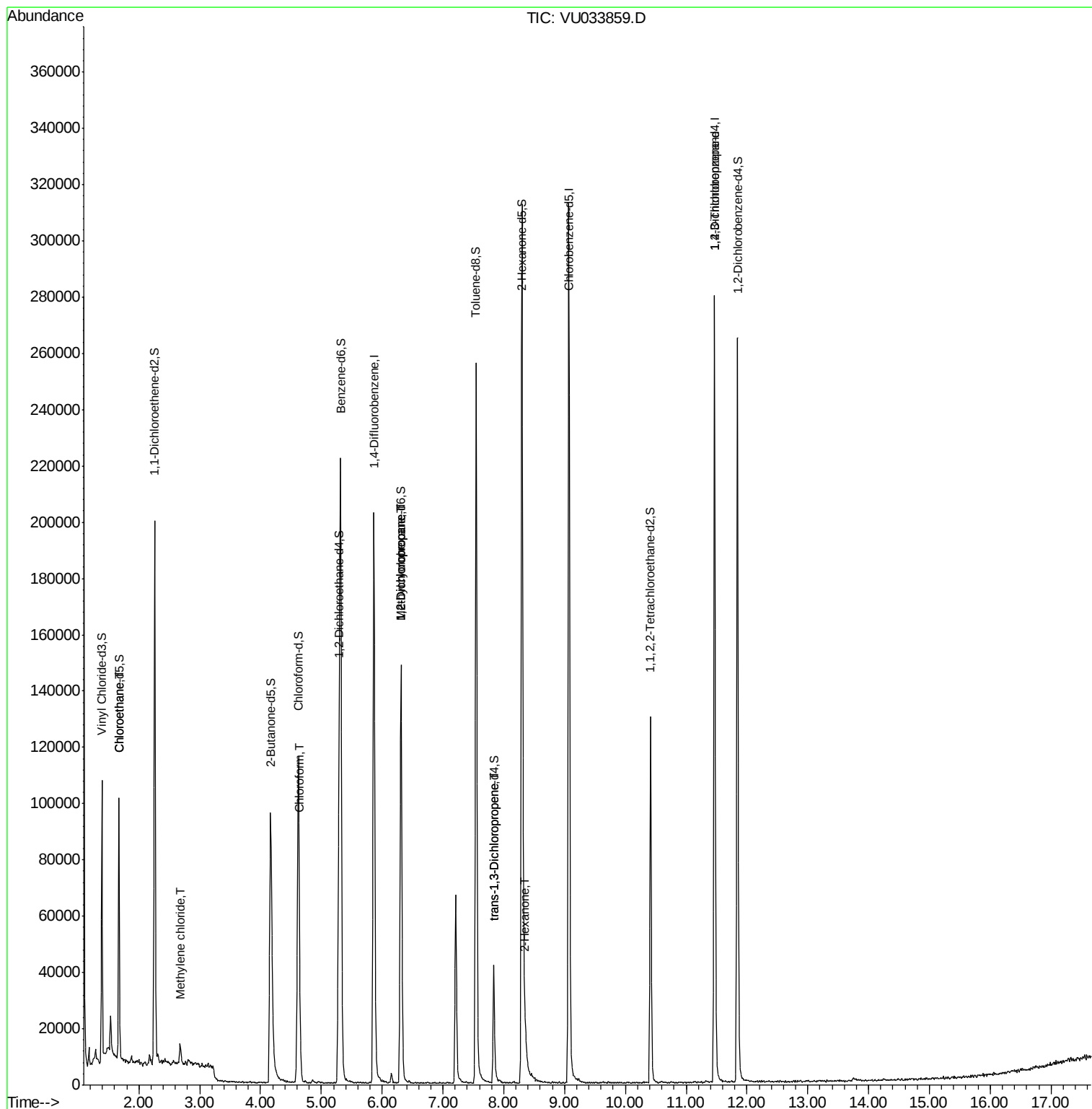
					Qvalue	
8) Chloroethane	1.67	64	857	0.087	ug/L #	54
16) Methylene chloride	2.68	84	2902	0.211	ug/L	82
25) Chloroform	4.65	83	6905	0.326	ug/L	93
35) Methylcyclohexane	6.31	83	15954	1.069	ug/L #	17
37) 1,2-Dichloropropane	6.31	63	8082	0.768	ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	1150	0.099	ug/L	92
48) 2-Hexanone	8.35	43	7496	1.840	ug/L #	63
59) 1,2,3-Trichloropropane	11.47	75	8506	1.233	ug/L	89

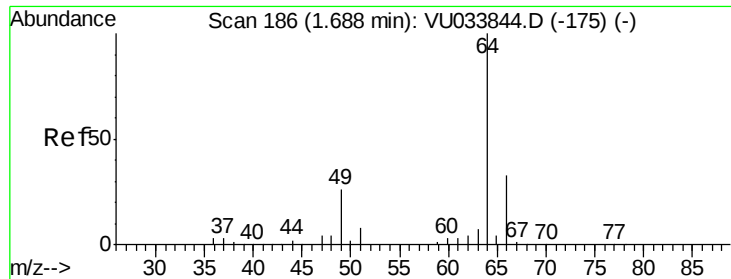
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.67 min Scan# 181

Delta R.T. -0.02 min

Lab File: VU033859.D

Acq: 20 Aug 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

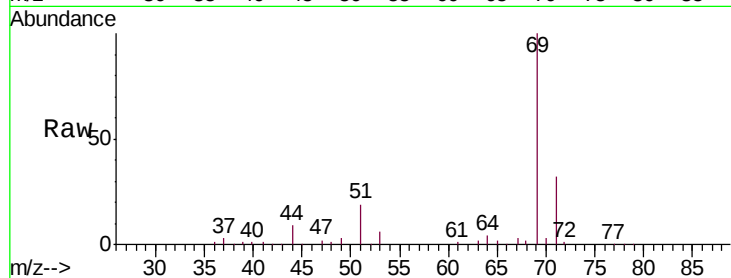
VHBLK01

Tgt Ion: 64 Resp: 857

Ion Ratio Lower Upper

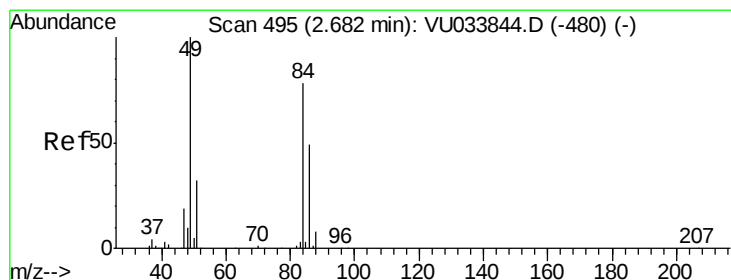
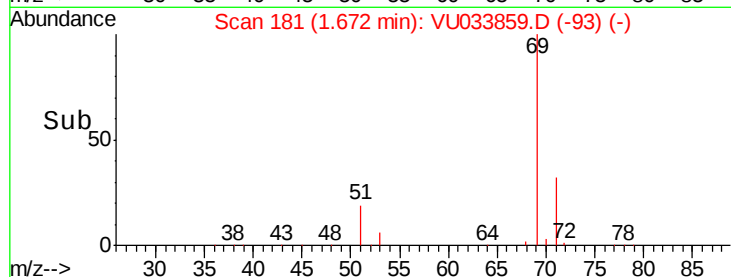
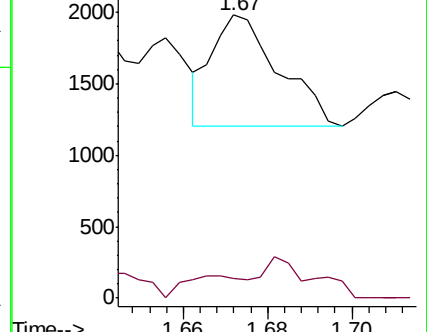
64 100

66 6.9 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU033844.D (-175) (-)

Ion 66.05 (65.75 to 66.75): VU033844.D (-175) (-)



#16

Methylene chloride

Concen: 0.211 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033859.D

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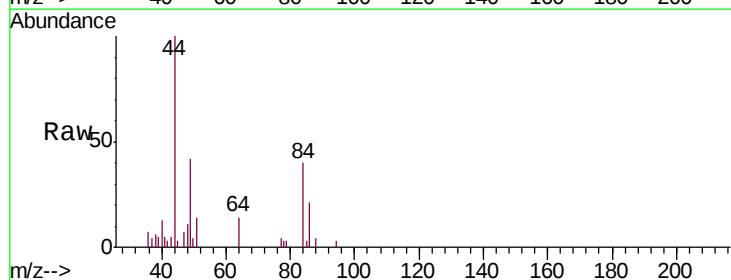
Tgt Ion: 84 Resp: 2902

Ion Ratio Lower Upper

84 100

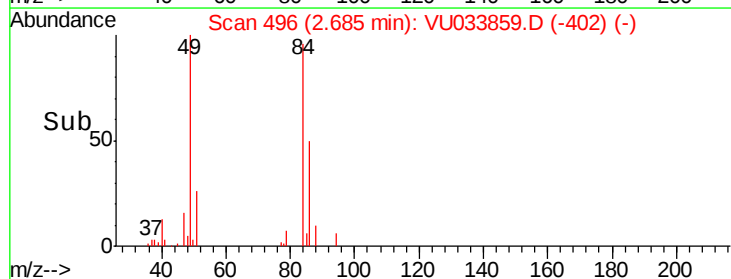
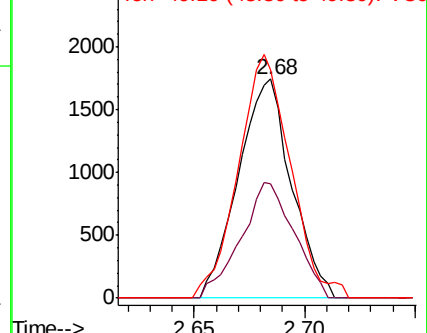
86 52.2 43.8 81.3

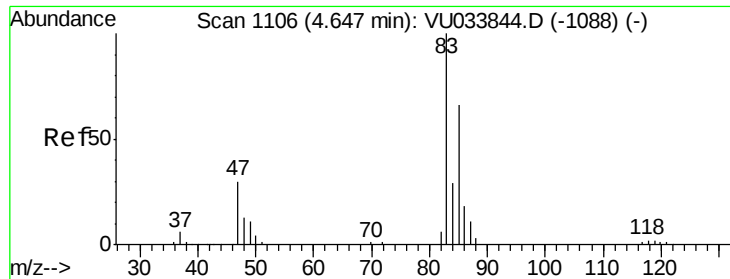
49 104.4 89.5 166.3



Abundance Ion 84.05 (83.75 to 84.75): VU033844.D (-480) (-)

Ion 86.00 (85.70 to 86.70): VU033844.D (-480) (-)

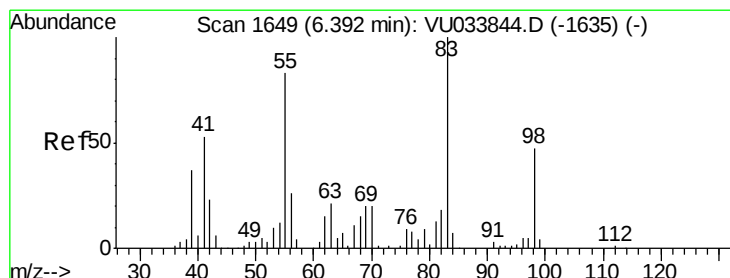
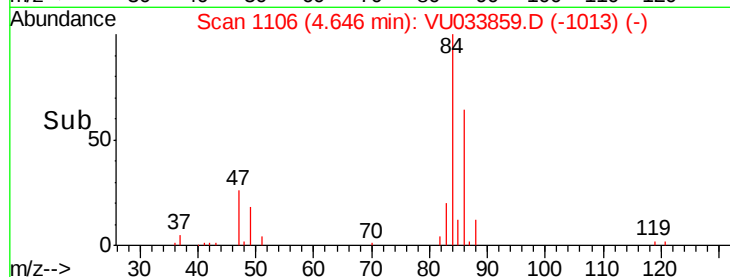
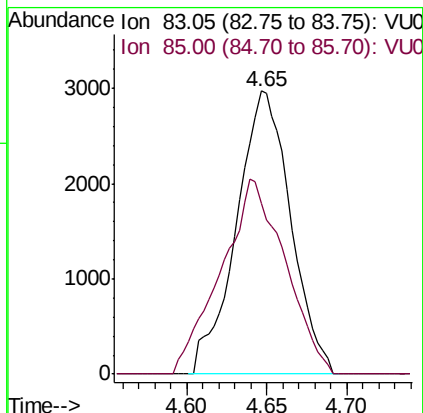
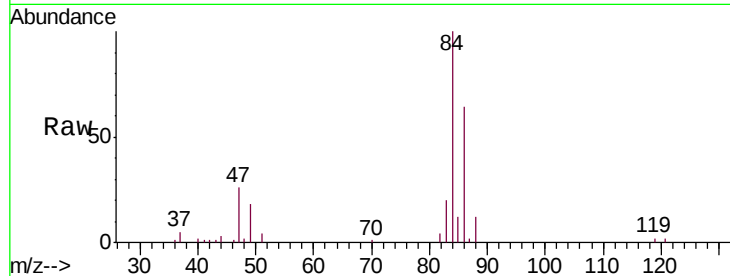




#25
Chloroform
Concen: 0.326 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033859.D
Acq: 20 Aug 2019 17:23

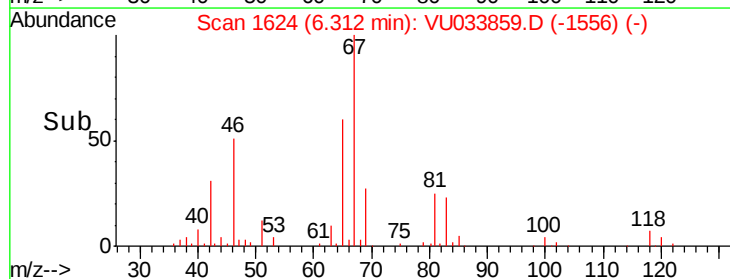
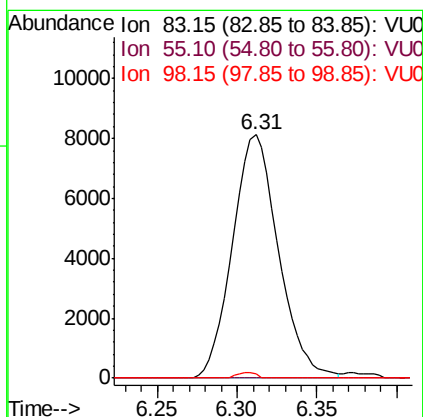
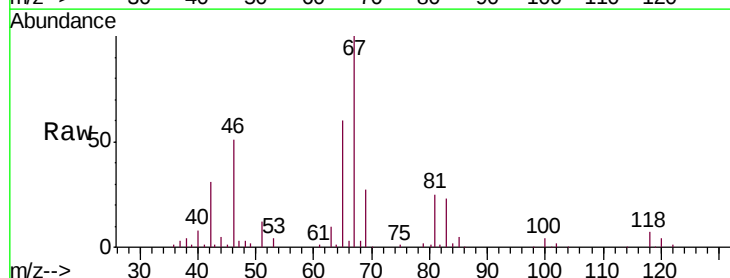
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VHBLK01

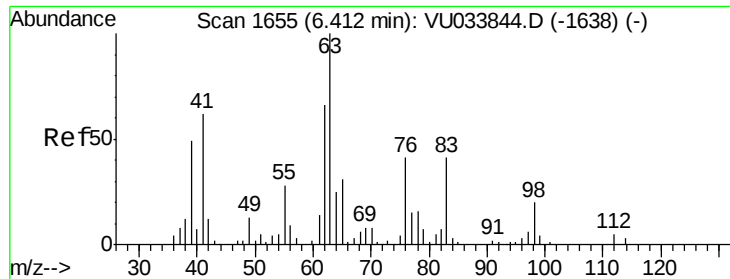
Tgt Ion: 83 Resp: 6905
Ion Ratio Lower Upper
83 100
85 60.3 46.3 85.9



#35
Methylcyclohexane
Concen: 1.069 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033859.D
Acq: 20 Aug 2019 17:23

Tgt Ion: 83 Resp: 15954
Ion Ratio Lower Upper
83 100
55 0.0 64.3 96.5#
98 0.9 37.4 56.0#

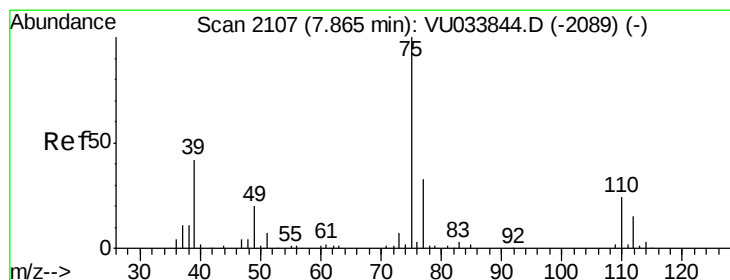
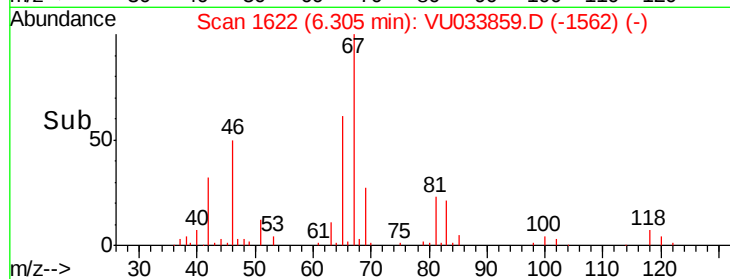
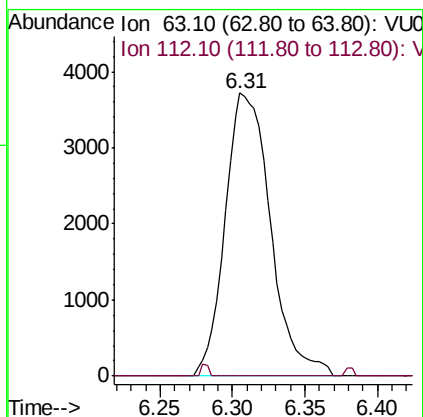
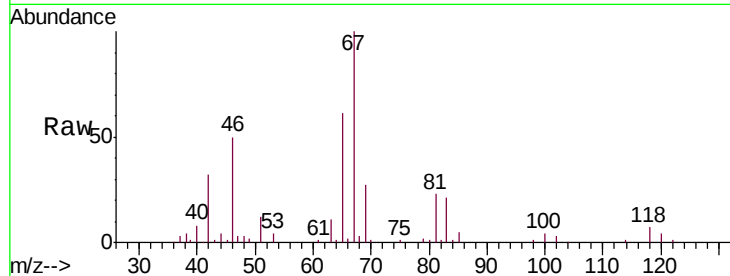




#37
 1,2-Dichloropropane
 Concen: 0.768 ug/L
 RT: 6.31 min Scan# 1622
 Delta R.T. -0.11 min
 Lab File: VU033859.D
 Acq: 20 Aug 2019 17:23

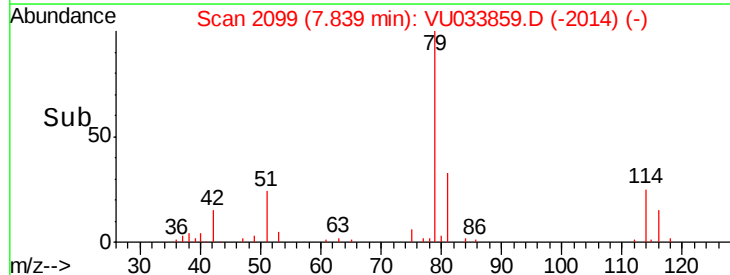
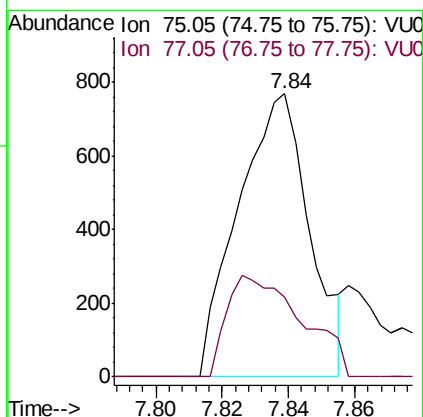
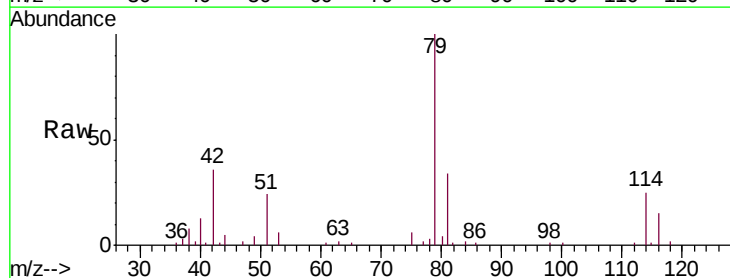
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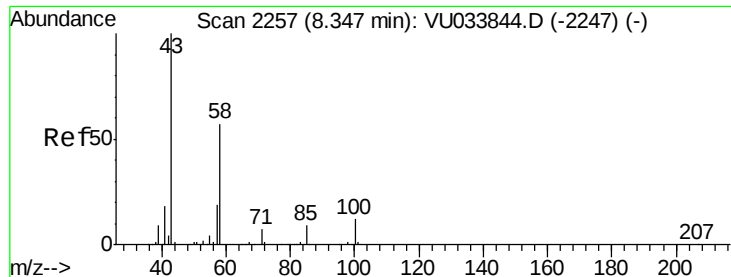
Tgt Ion: 63 Resp: 8082
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.5 5.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.84 min Scan# 2099
 Delta R.T. -0.03 min
 Lab File: VU033859.D
 Acq: 20 Aug 2019 17:23

Tgt Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 77 28.1 23.0 42.6

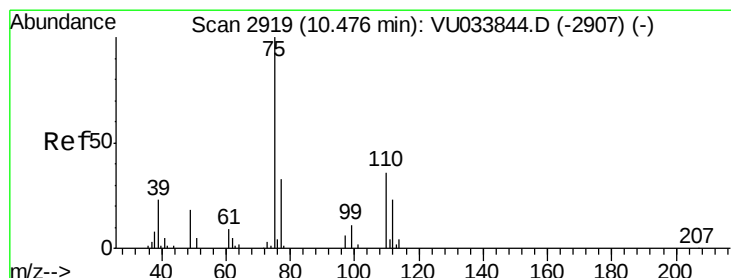
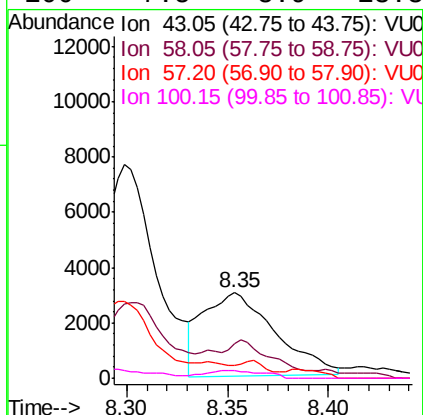
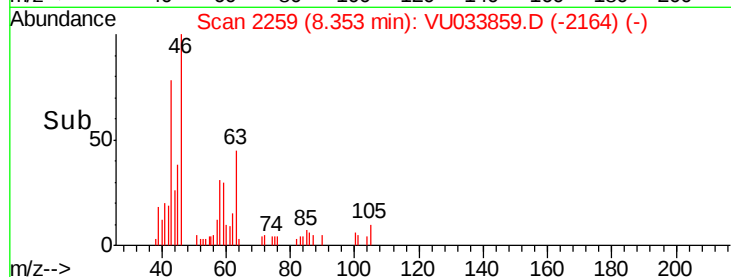
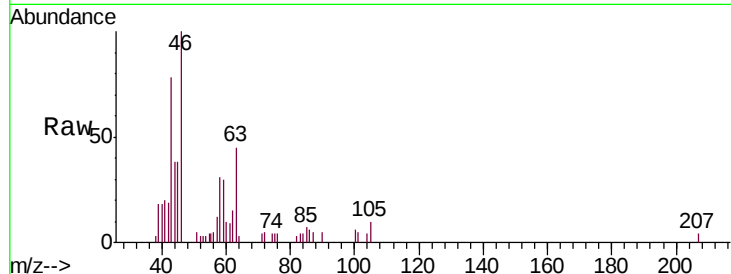




#48
 2-Hexanone
 Concen: 1.840 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: VU033859.D
 Acq: 20 Aug 2019 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 7496
 Ion Ratio Lower Upper
 43 100
 58 24.8 45.1 67.7#
 57 4.0 15.4 23.0#
 100 7.5 8.9 13.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.233 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033859.D
 Acq: 20 Aug 2019 17:23

Tgt Ion: 75 Resp: 8506
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.3 39.5

