

Data File : VU033856.D
Acq On : 20 Aug 2019 16:09
Operator : JC/SP
Sample : K4373-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Aug 21 05:46:26 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	182683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	84181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64948	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.67	69	60270	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.26	63	109225	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.17	46	135358	43.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.62	84	113660	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.29	65	61749	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.32	84	226580	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.31	67	73105	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.55	98	187980	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.84	79	25697	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	90738	42.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	60986	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	75420	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

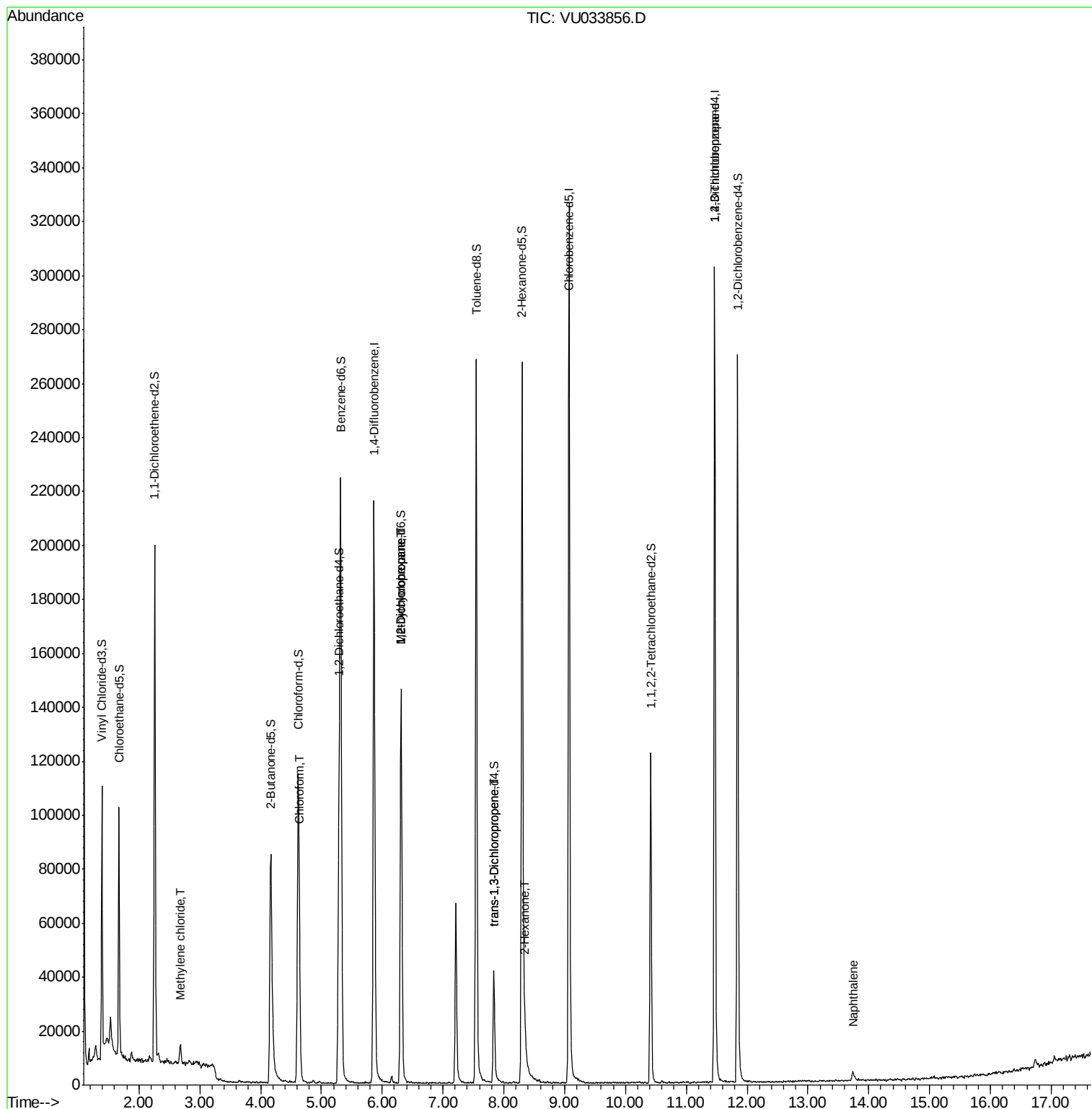
					Qvalue
16) Methylene chloride	2.68	84	2744	0.185 ug/L	96
25) Chloroform	4.65	83	6268	0.275 ug/L	99
35) Methylcyclohexane	6.31	83	16971	1.080 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7470	0.673 ug/L #	90
44) trans-1,3-Dichloropropene	7.84	75	1089	0.089 ug/L #	75
48) 2-Hexanone	8.35	43	6091	1.419 ug/L #	84
59) 1,2,3-Trichloropropane	11.47	75	10776	1.482 ug/L	95
69) Naphthalene	13.74	128	3361	0.224 ug/L #	90

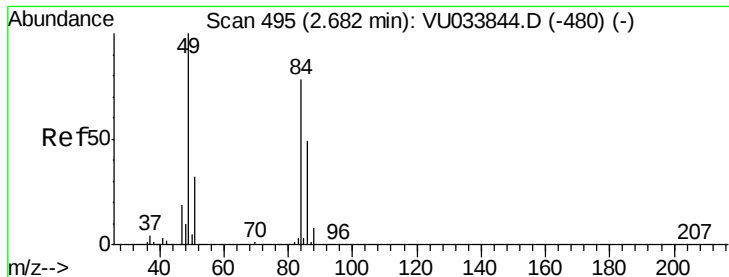
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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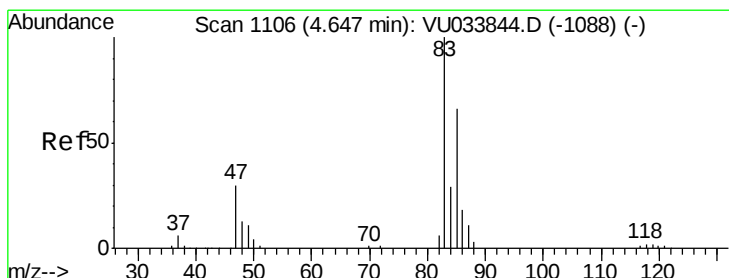
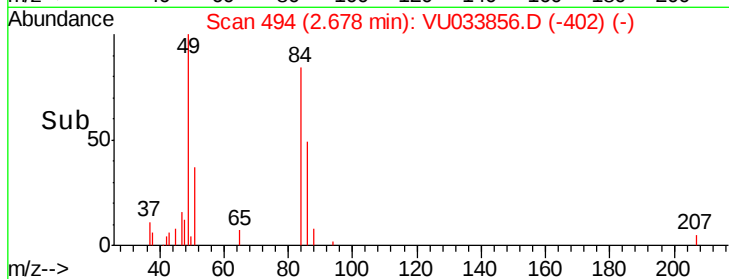
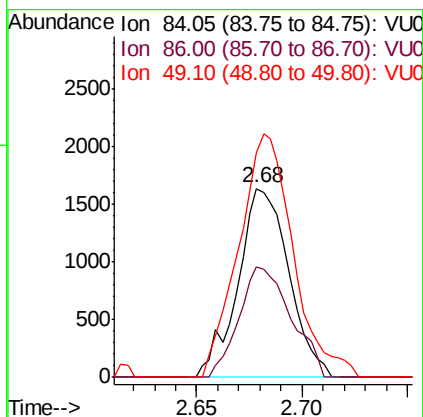
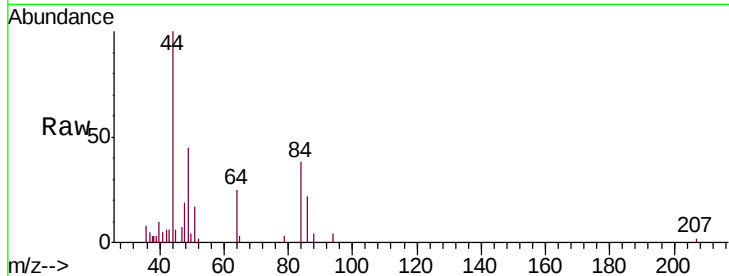




#16
Methylene chloride
Concen: 0.185 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.00 min
Lab File: VU033856.D
Acq: 20 Aug 2019 16:09

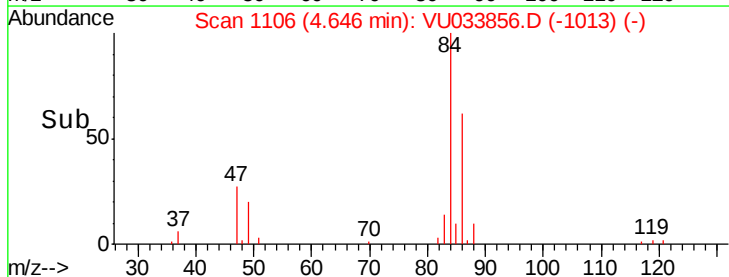
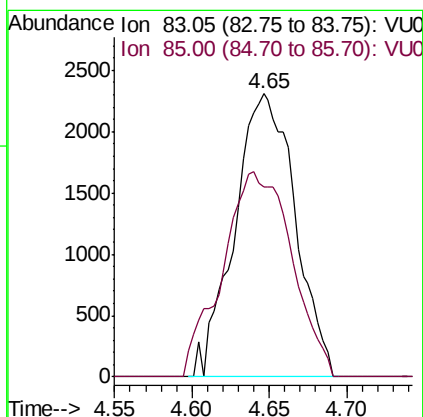
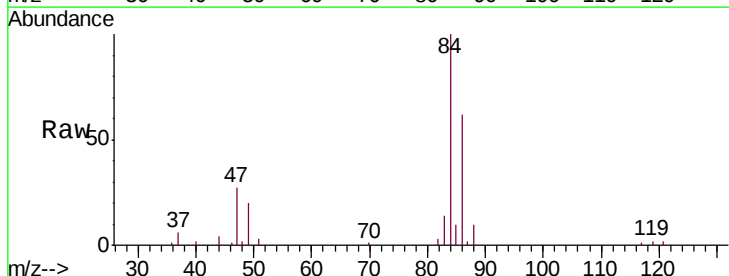
Instrument :
MSVOA_U
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VHBLK01

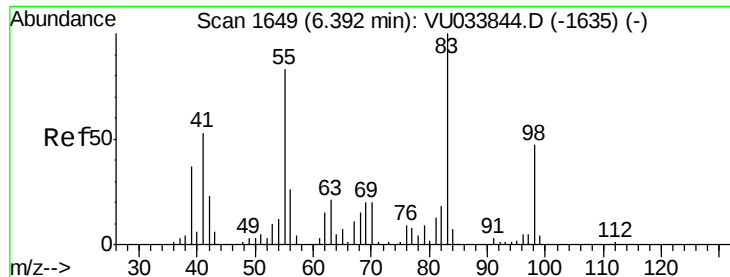
Tgt Ion: 84 Resp: 2744
Ion Ratio Lower Upper
84 100
86 58.3 43.8 81.3
49 130.9 89.5 166.3



#25
Chloroform
Concen: 0.275 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033856.D
Acq: 20 Aug 2019 16:09

Tgt Ion: 83 Resp: 6268
Ion Ratio Lower Upper
83 100
85 67.2 46.3 85.9





#35

Methylcyclohexane

Concen: 1.080 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU033856.D

Acq: 20 Aug 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

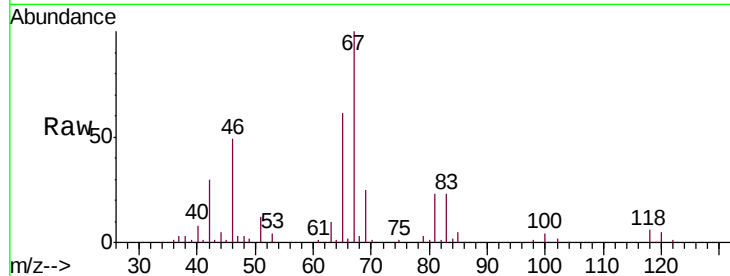
Tgt Ion: 83 Resp: 16971

Ion Ratio Lower Upper

83 100

55 0.0 64.3 96.5#

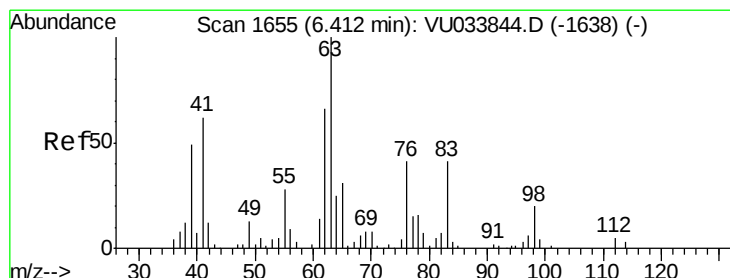
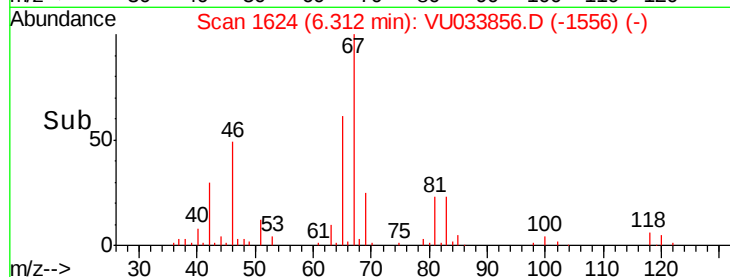
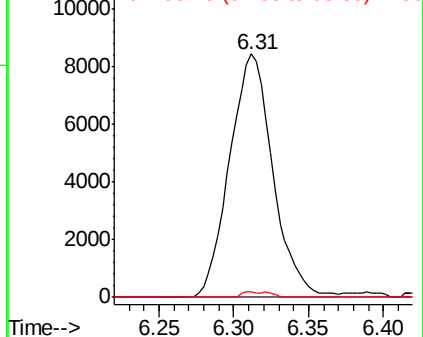
98 1.5 37.4 56.0#



Abundance Ion 83.15 (82.85 to 83.85): VU033844.D (-1635) (-)

Ion 55.10 (54.80 to 55.80): VU033844.D (-1635) (-)

Ion 98.15 (97.85 to 98.85): VU033844.D (-1635) (-)



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.31 min Scan# 1625

Delta R.T. -0.10 min

Lab File: VU033856.D

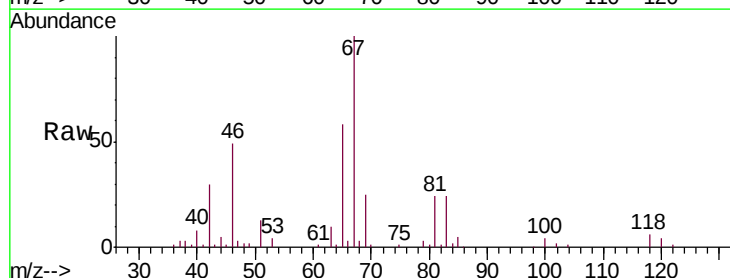
Acq: 20 Aug 2019 16:09

Tgt Ion: 63 Resp: 7470

Ion Ratio Lower Upper

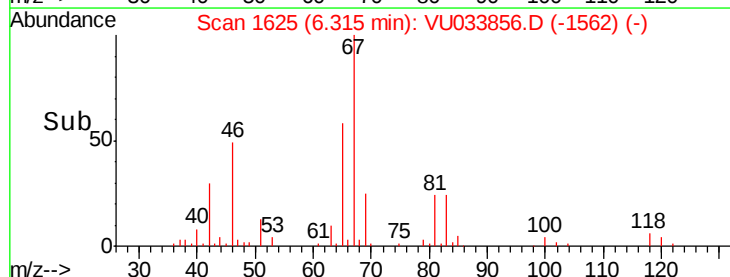
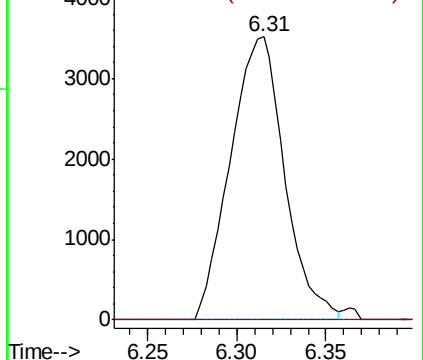
63 100

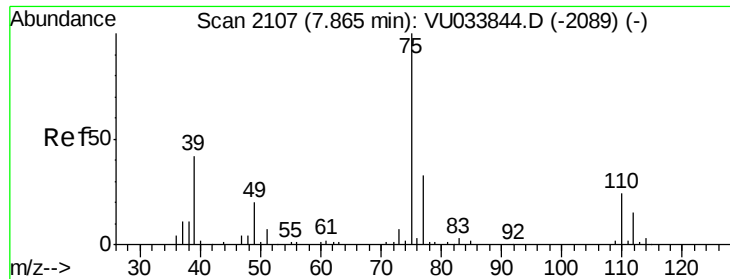
112 1.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033844.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU033844.D (-1638) (-)

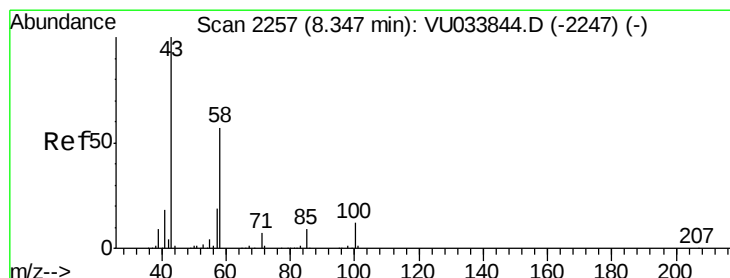
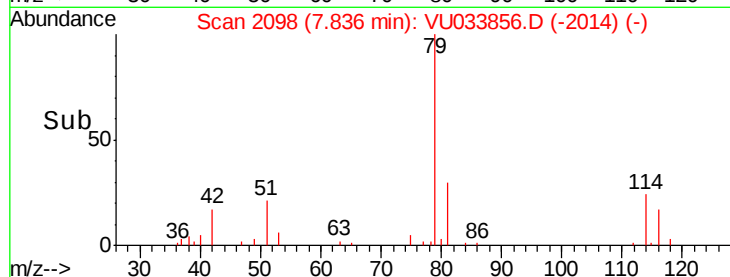
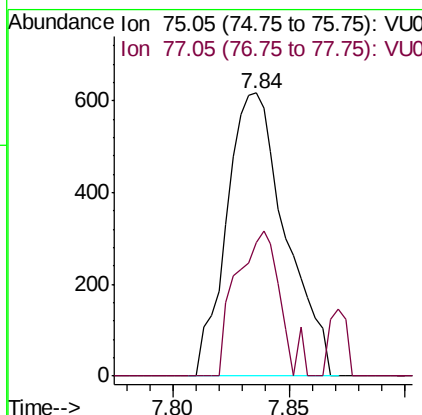
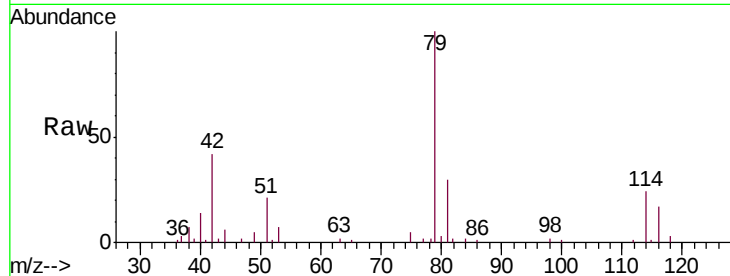




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033856.D
Acq: 20 Aug 2019 16:09

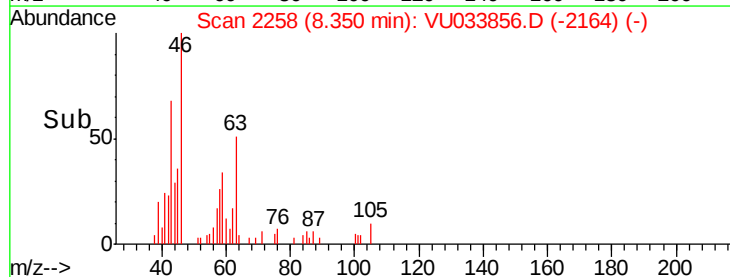
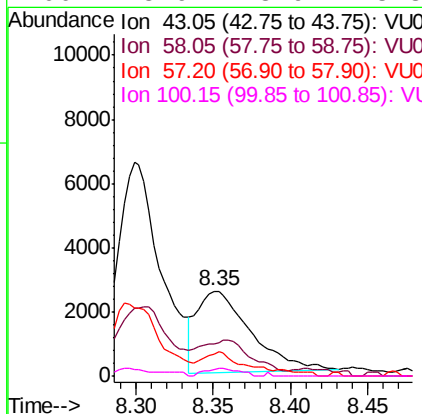
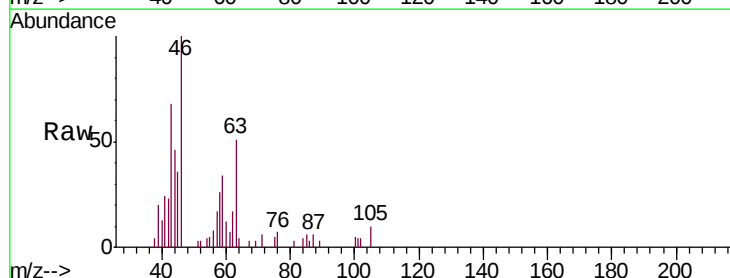
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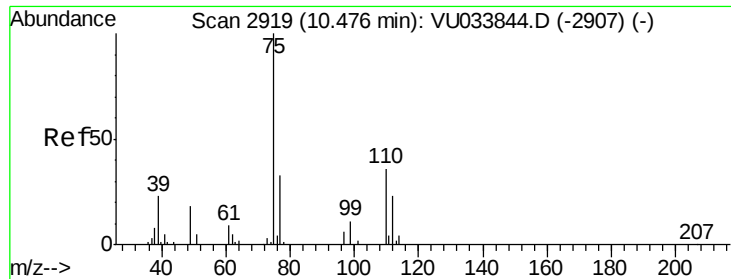
Tgt Ion: 75 Resp: 1089
Ion Ratio Lower Upper
75 100
77 47.2 23.0 42.6#



#48
2-Hexanone
Concen: 1.419 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.00 min
Lab File: VU033856.D
Acq: 20 Aug 2019 16:09

Tgt Ion: 43 Resp: 6091
Ion Ratio Lower Upper
43 100
58 44.7 45.1 67.7#
57 26.1 15.4 23.0#
100 5.9 8.9 13.3#

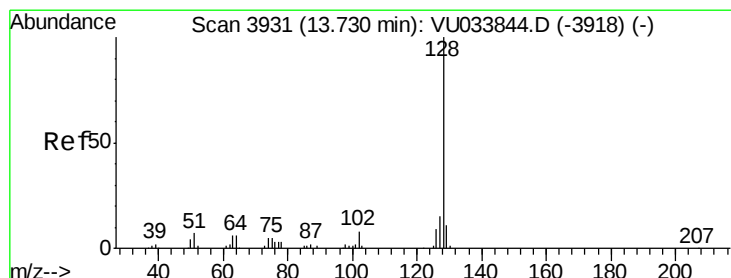
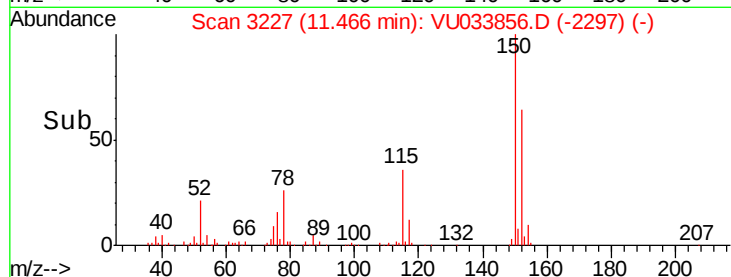
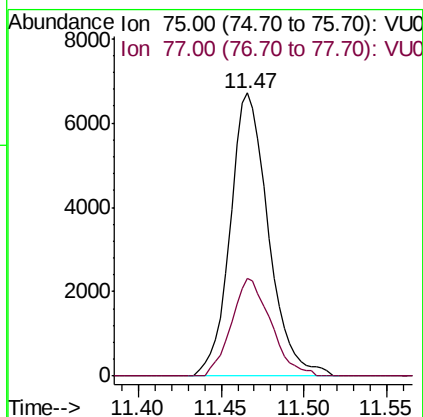
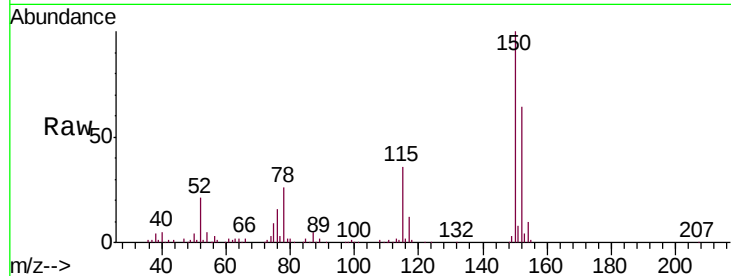




#59
 1,2,3-Trichloropropane
 Concen: 1.482 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033856.D
 Acq: 20 Aug 2019 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 10776
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.3 39.5



#69
 Naphthalene
 Concen: 0.224 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. 0.01 min
 Lab File: VU033856.D
 Acq: 20 Aug 2019 16:09

Tgt Ion: 128 Resp: 3361
 Ion Ratio Lower Upper
 128 100
 129 13.1 9.0 13.6
 127 7.5 10.9 16.3#

