

Data File : VU033264.D
Acq On : 16 Jul 2019 15:35
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jul 17 04:48:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	129732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	132952	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58449	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.67	69	54317	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.26	63	87635	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.18	46	116621	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.62	84	89066	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.29	65	48634	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.31	84	172471	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.31	67	56908	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.55	98	147607	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.84	79	21242	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.30	63	90396	46.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.22%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	45316	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	54950	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

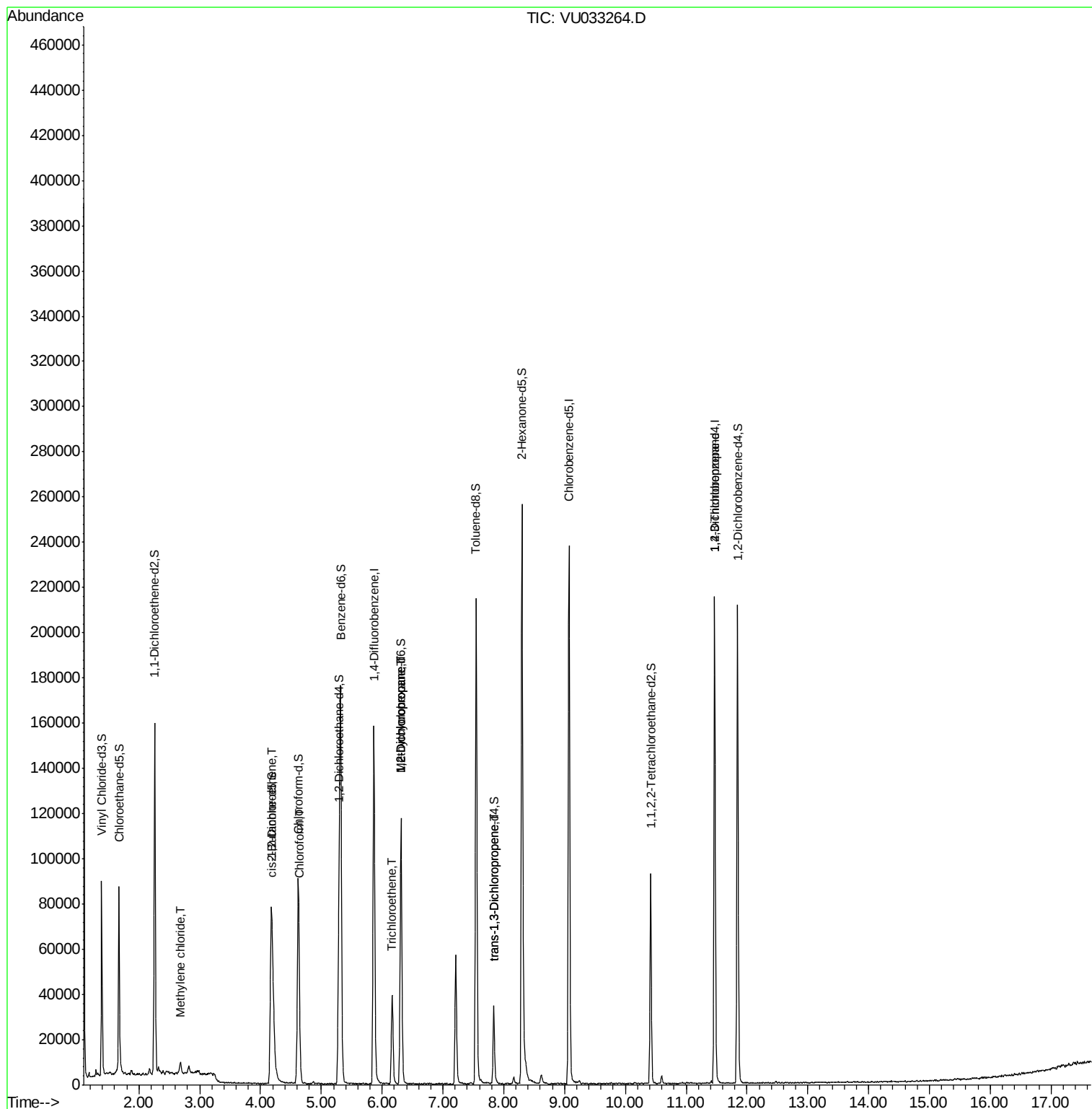
					Qvalue
16) Methylene chloride	2.68	84	1786	0.137 ug/L	87
22) cis-1,2-Dichloroethene	4.20	96	12261	1.232 ug/L	93
25) Chloroform	4.64	83	3721	0.190 ug/L	96
34) Trichloroethene	6.17	95	13628	1.368 ug/L	97
35) Methylcyclohexane	6.31	83	12849	0.856 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6127	0.602 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	1005	0.086 ug/L	88
59) 1,2,3-Trichloropropane	11.47	75	7079	1.066 ug/L	92

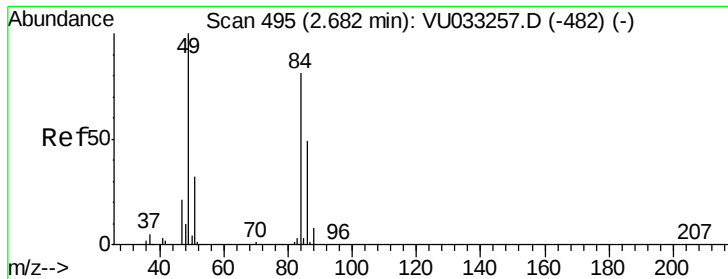
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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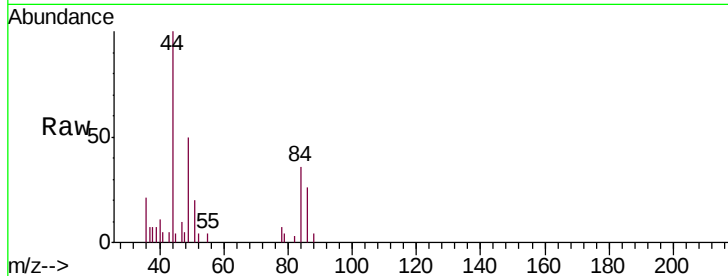




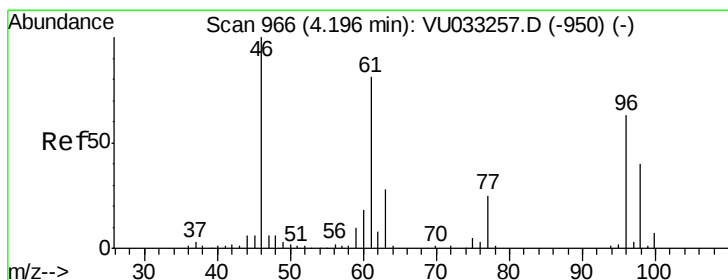
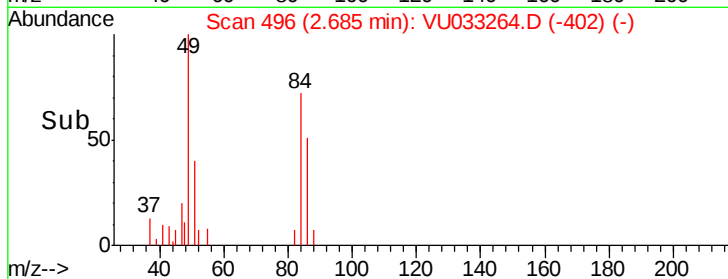
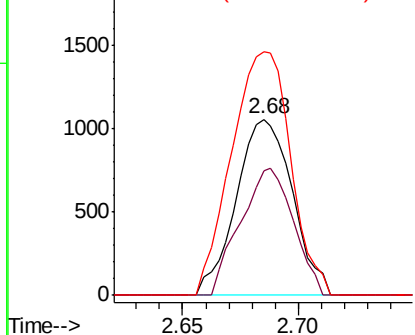
#16
Methylene chloride
Concen: 0.137 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033264.D
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Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 84 Resp: 1786
Ion Ratio Lower Upper
84 100
86 71.2 42.5 78.9
49 138.4 86.9 161.3

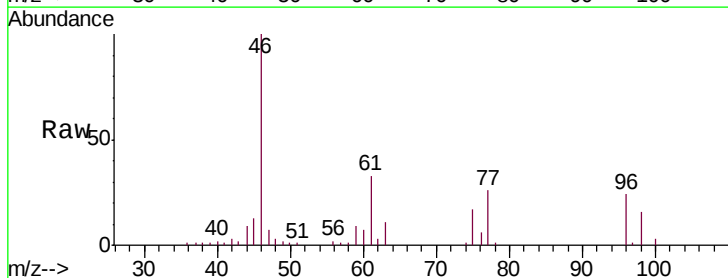


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

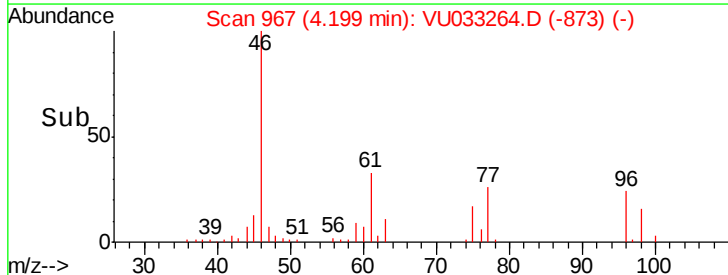
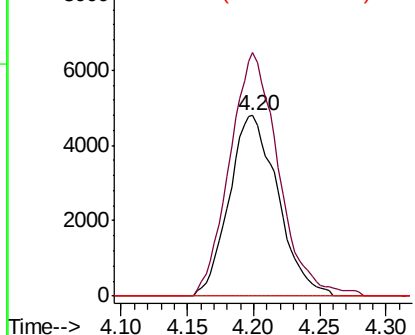


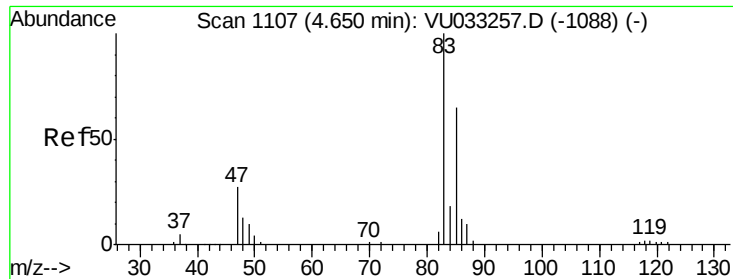
#22
cis-1,2-Dichloroethene
Concen: 1.232 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033264.D
Acq: 16 Jul 2019 15:35

Tgt Ion: 96 Resp: 12261
Ion Ratio Lower Upper
96 100
61 135.0 89.2 165.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

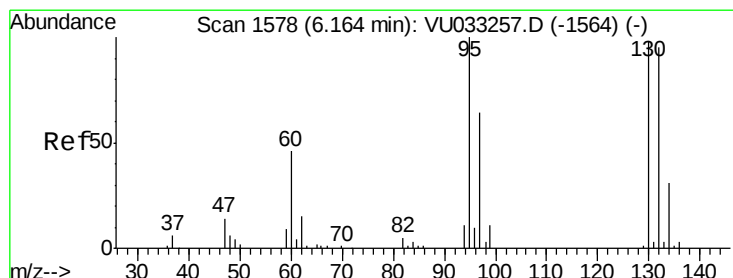
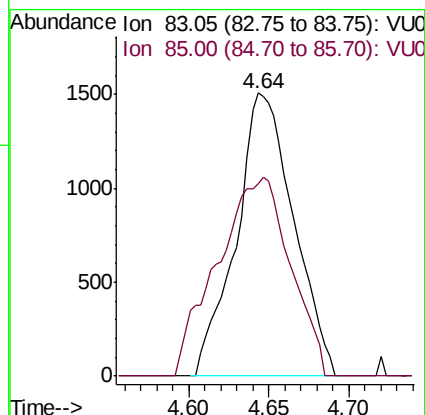
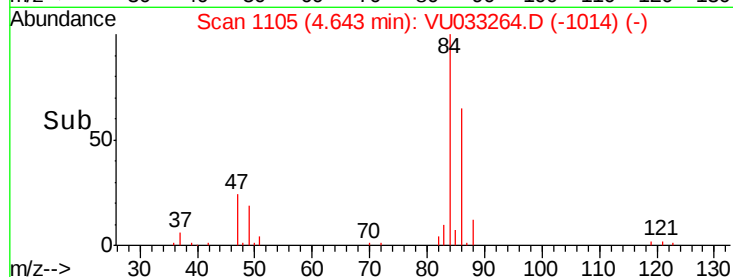
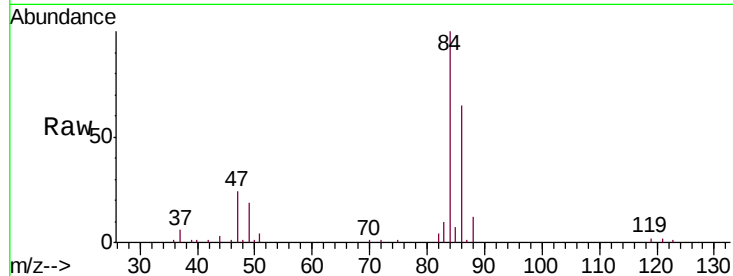




#25
Chloroform
Concen: 0.190 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VU033264.D
Acq: 16 Jul 2019 15:35

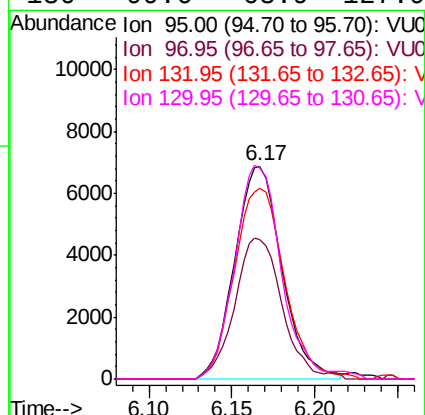
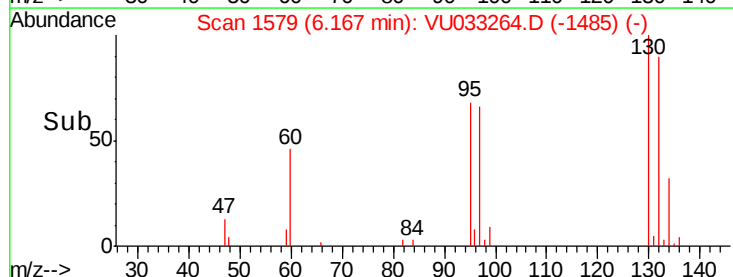
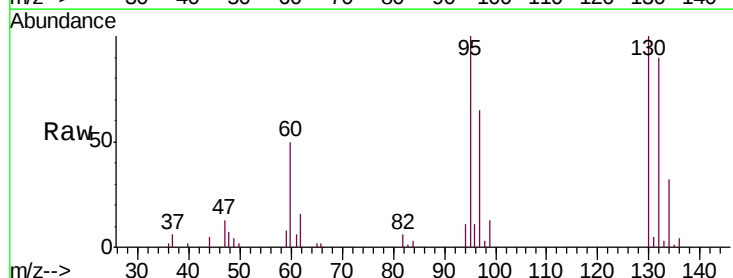
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

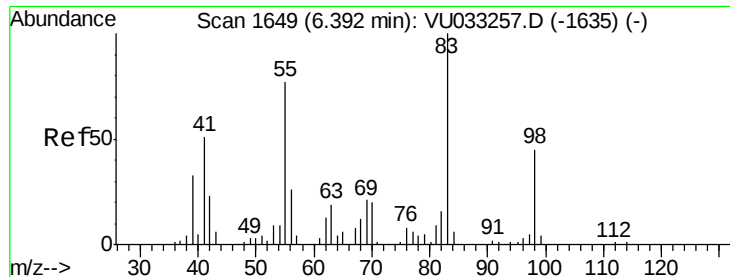
Tgt Ion: 83 Resp: 3721
Ion Ratio Lower Upper
83 100
85 68.1 45.4 84.4



#34
Trichloroethene
Concen: 1.368 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033264.D
Acq: 16 Jul 2019 15:35

Tgt Ion: 95 Resp: 13628
Ion Ratio Lower Upper
95 100
97 65.3 44.5 82.7
132 89.6 66.6 123.8
130 99.6 68.9 127.9





#35

Methylcyclohexane

Concen: 0.856 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU033264.D

Acq: 16 Jul 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

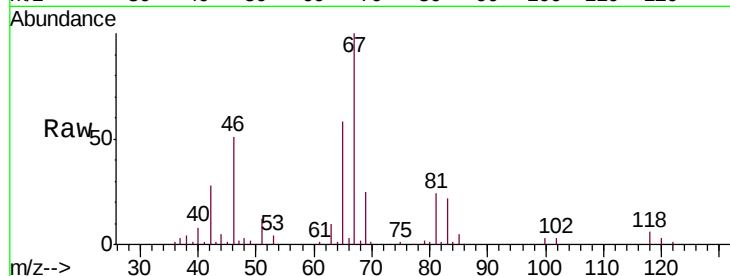
Tgt Ion: 83 Resp: 12849

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.9 36.2 54.2#

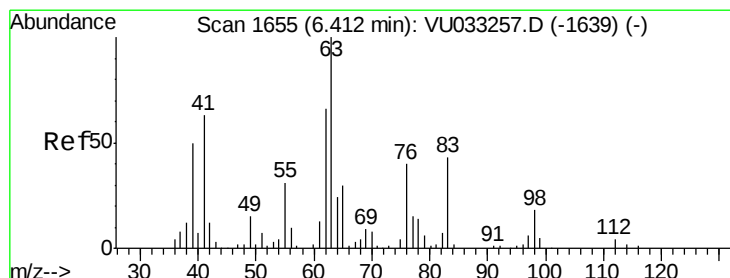
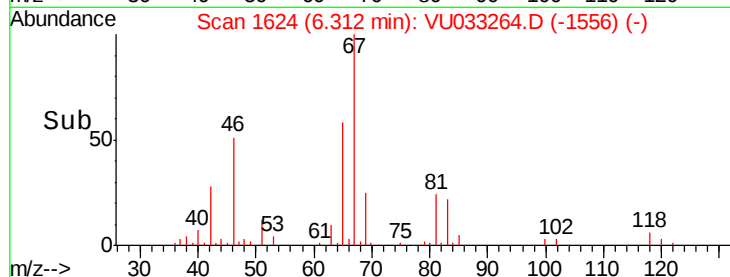


Abundance Ion 83.15 (82.85 to 83.85): VU033264.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU033264.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU033264.D (-1556) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033264.D

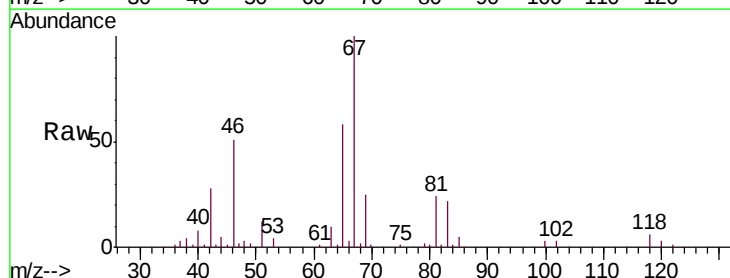
Acq: 16 Jul 2019 15:35

Tgt Ion: 63 Resp: 6127

Ion Ratio Lower Upper

63 100

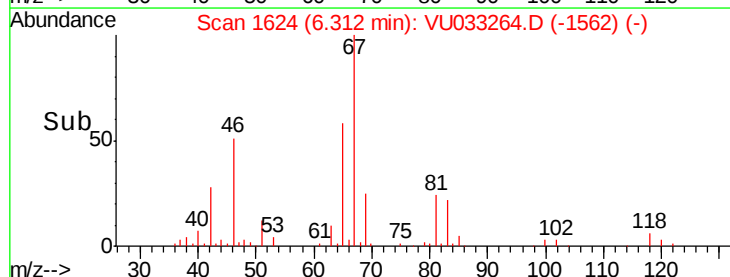
112 0.0 3.1 4.7#

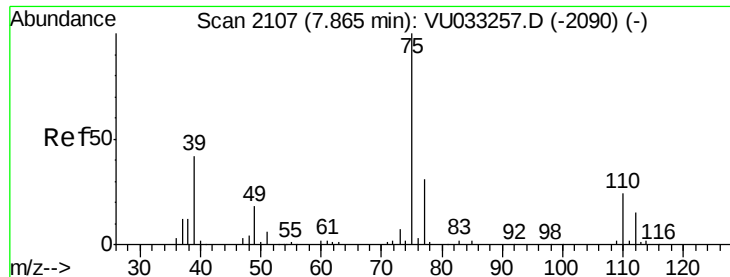


Abundance Ion 63.10 (62.80 to 63.80): VU033264.D (-1562) (-)

Ion 112.10 (111.80 to 112.80): VU033264.D (-1562) (-)

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.84 min Scan# 2099

Delta R.T. -0.03 min

Lab File: VU033264.D

Acq: 16 Jul 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

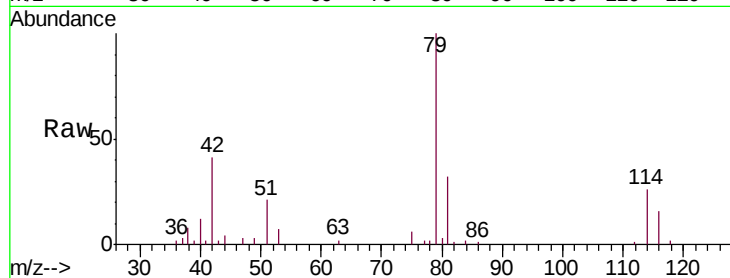
VIBLK40

Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

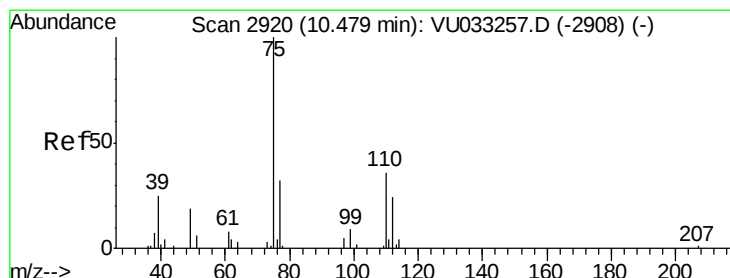
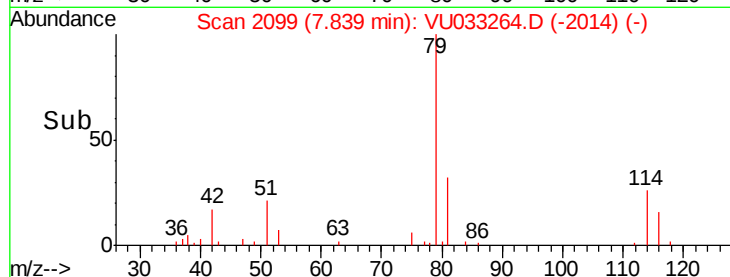
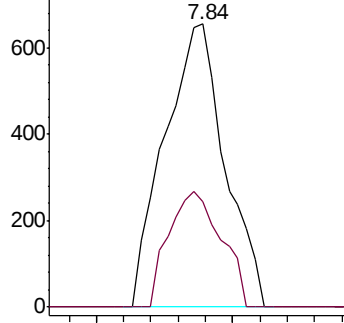
75 100

77 37.3 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.066 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033264.D

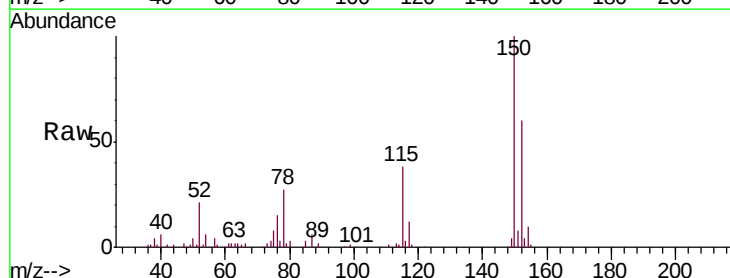
Acq: 16 Jul 2019 15:35

Tgt Ion: 75 Resp: 7079

Ion Ratio Lower Upper

75 100

77 37.7 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

