

Data File : VU033437.D
Acq On : 26 Jul 2019 02:04
Operator : JC/SP
Sample : K3976-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CC1

Quant Time: Jul 26 05:56:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	270552	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	119695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116654	56.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.92%
7) Chloroethane-d5	1.67	69	102496	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.16%
11) 1,1-Dichloroethene-d2	2.26	63	155425	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.68%
21) 2-Butanone-d5	4.15	46	145165	111.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.86%
24) Chloroform-d	4.62	84	179594	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	5.28	65	126304	57.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.76%
32) Benzene-d6	5.32	84	383483	55.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.86%
36) 1,2-Dichloropropane-d6	6.31	67	123636	55.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.56%
41) Toluene-d8	7.55	98	341769	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%
43) trans-1,3-Dichloropropene-	7.83	79	52639	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.29	63	101549	101.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	180386	53.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	127237	59.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.22%

Target Compounds

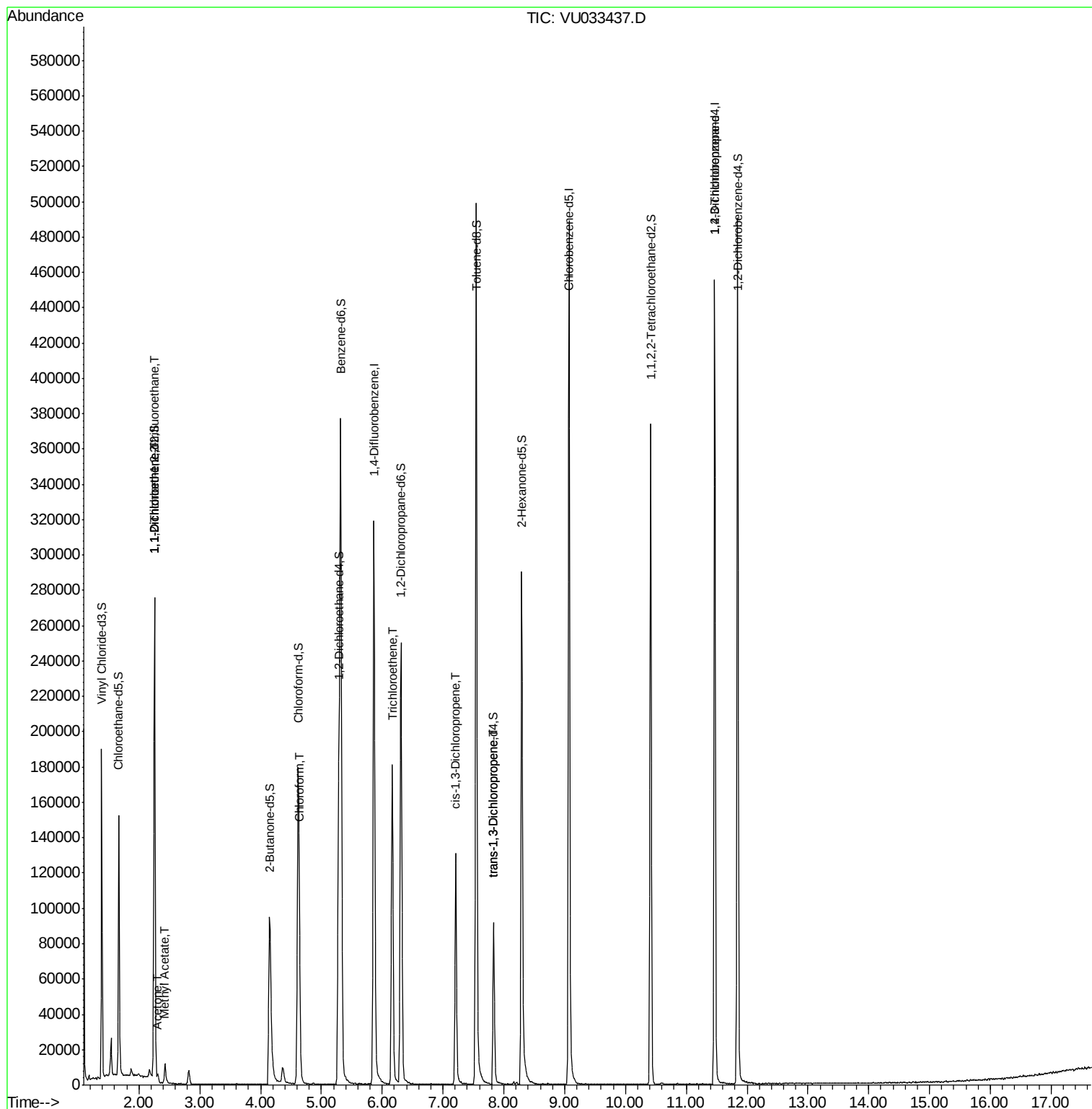
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1120	0.607 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1287	0.713 ug/L #	1
13) Acetone	2.31	43	3156	1.946 ug/L	97
15) Methyl Acetate	2.43	43	2939	1.388 ug/L #	50
25) Chloroform	4.65	83	13547	3.550 ug/L	95
34) Trichloroethene	6.17	95	64686	30.072 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	3526	1.031 ug/L	84
44) trans-1,3-Dichloropropene	7.83	75	2380	0.772 ug/L #	75
59) 1,2,3-Trichloropropane	11.47	75	14019	4.828 ug/L	93

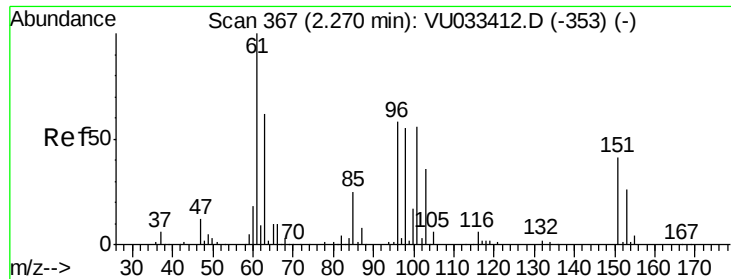
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.607 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033437.D

Acq: 26 Jul 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

C0CC1

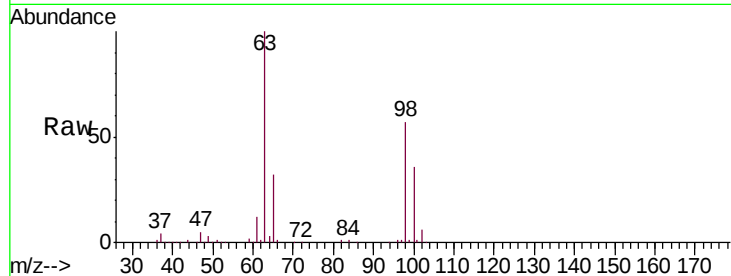
Tgt Ion:101 Resp: 1120

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

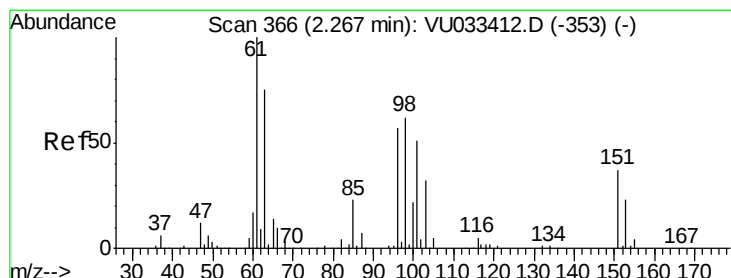
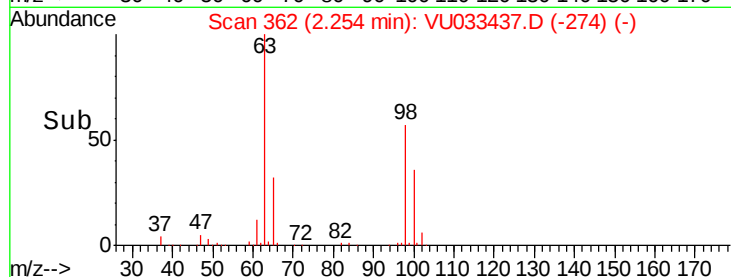
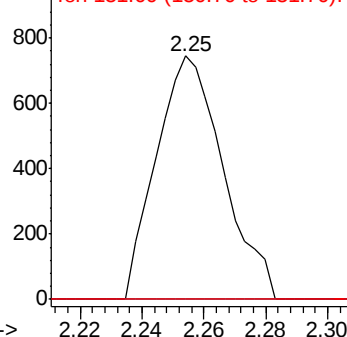
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.713 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033437.D

Acq: 26 Jul 2019 02:04

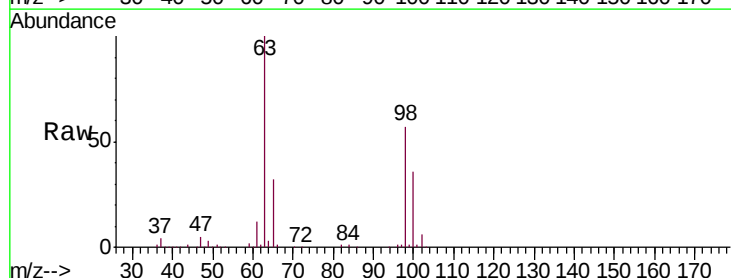
Tgt Ion: 96 Resp: 1287

Ion Ratio Lower Upper

96 100

61 1358.6 126.1 234.1#

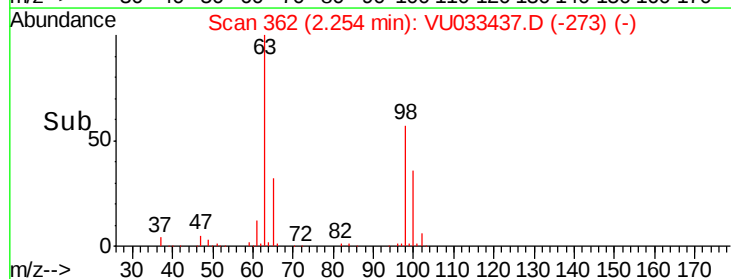
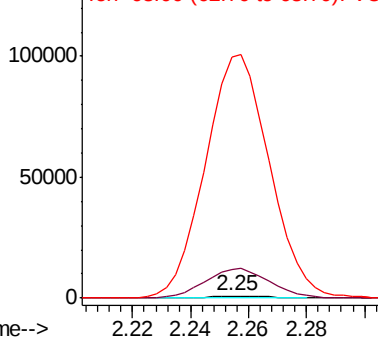
63 11332.0 96.8 179.8#

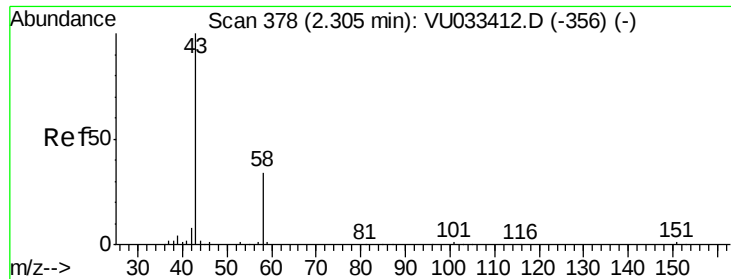


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.946 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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ClientSampleId :

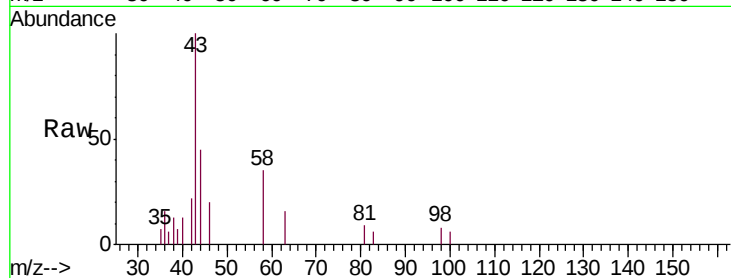
C0CC1

Tgt Ion: 43 Resp: 3156

Ion Ratio Lower Upper

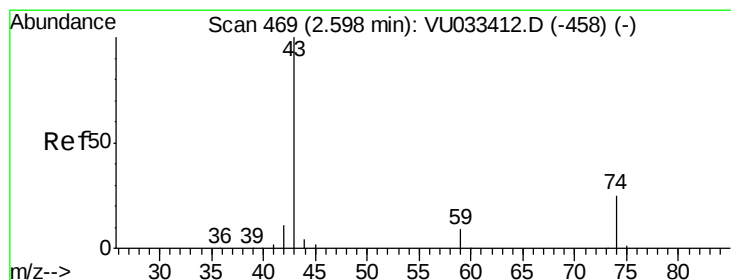
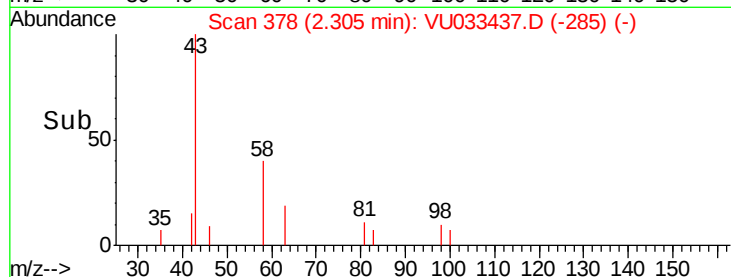
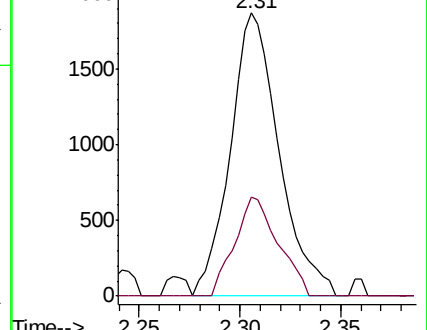
43 100

58 31.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033412.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU033412.D (-356) (-)



#15

Methyl Acetate

Concen: 1.388 ug/L

RT: 2.43 min Scan# 417

Delta R.T. -0.17 min

Lab File: VU033437.D

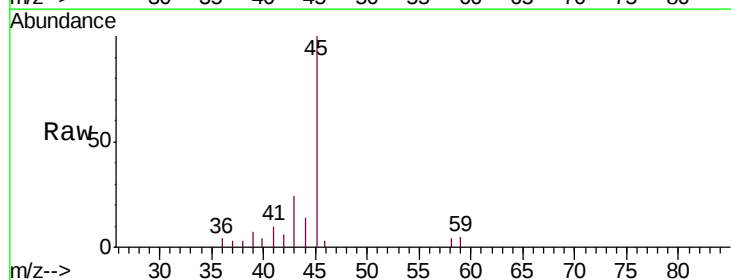
Acq: 26 Jul 2019 02:04

Tgt Ion: 43 Resp: 2939

Ion Ratio Lower Upper

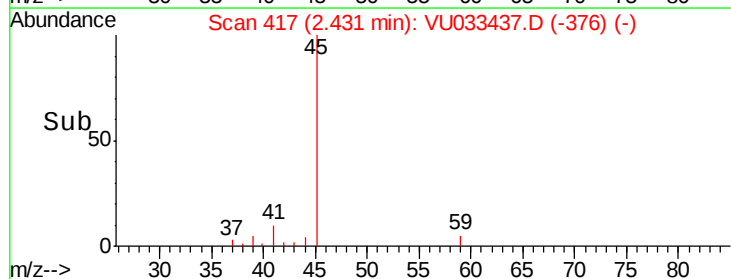
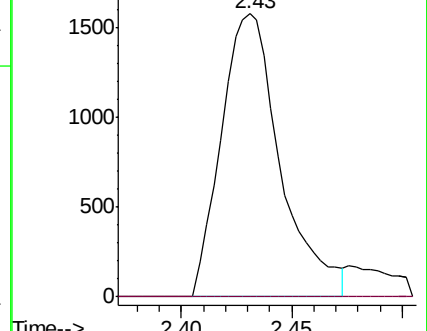
43 100

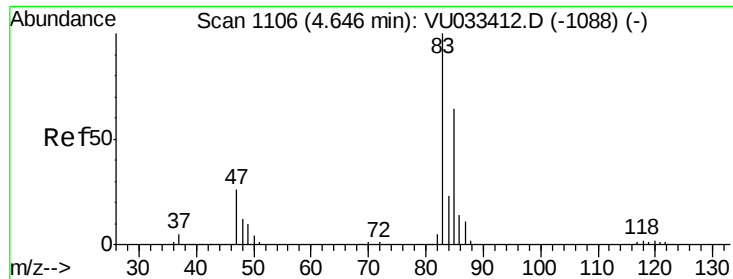
74 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VU033412.D (-458) (-)

Ion 74.00 (73.70 to 74.70): VU033412.D (-458) (-)

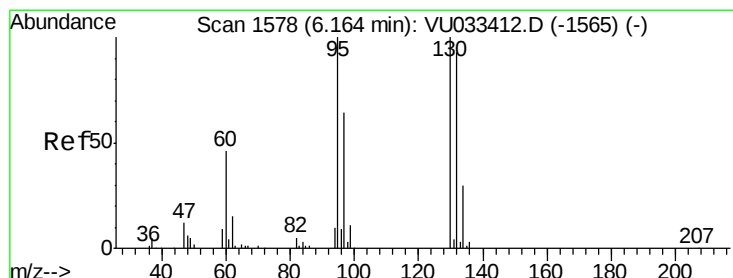
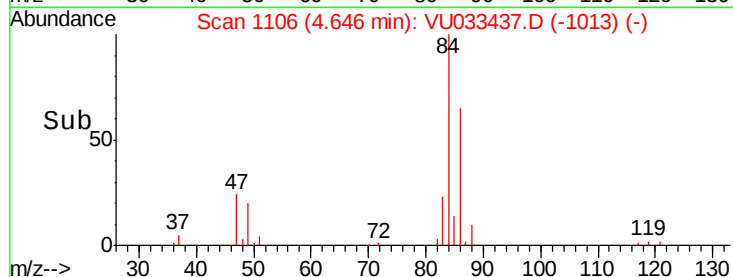
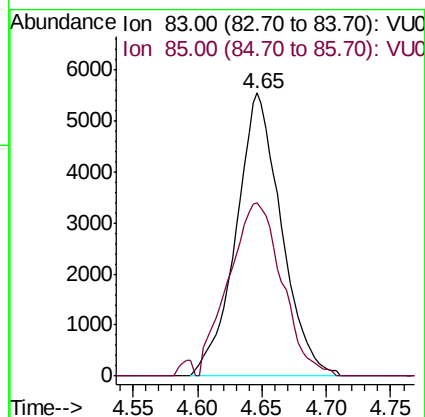
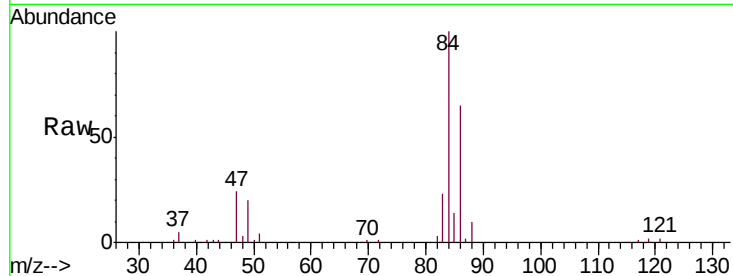




#25
Chloroform
Concen: 3.550 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033437.D
Acq: 26 Jul 2019 02:04

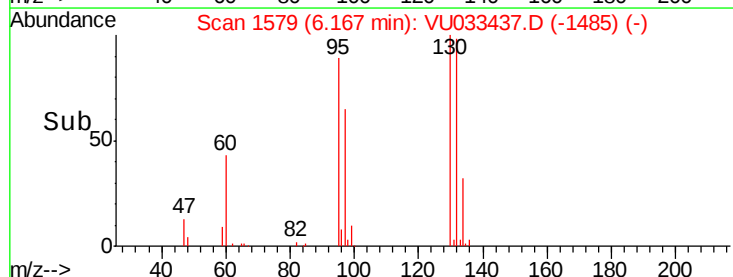
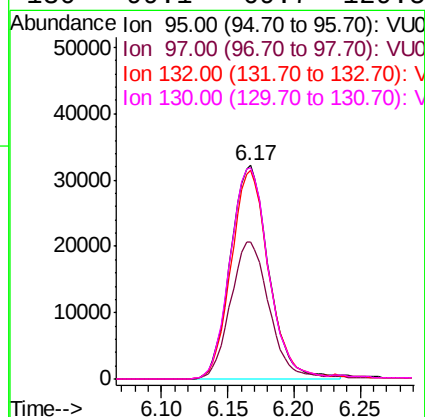
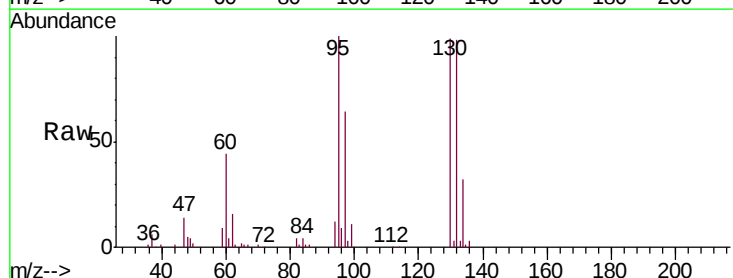
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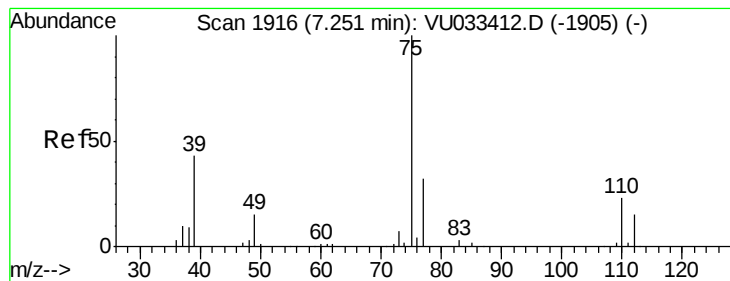
Tgt Ion: 83 Resp: 13547
Ion Ratio Lower Upper
83 100
85 61.3 45.4 84.4



#34
Trichloroethene
Concen: 30.072 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033437.D
Acq: 26 Jul 2019 02:04

Tgt Ion: 95 Resp: 64686
Ion Ratio Lower Upper
95 100
97 63.9 43.8 81.4
132 97.5 65.5 121.6
130 99.1 69.7 129.5



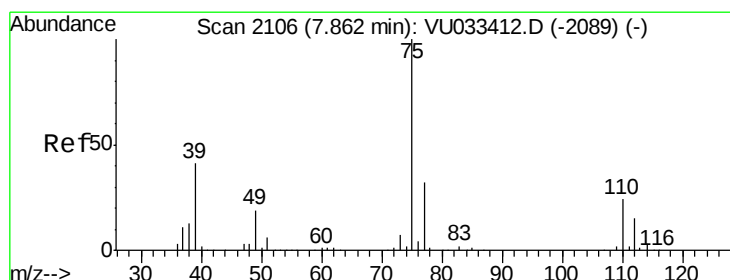
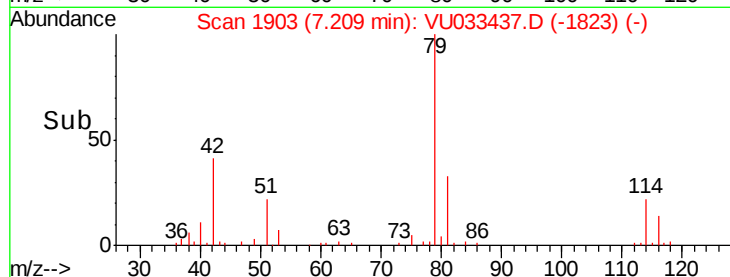
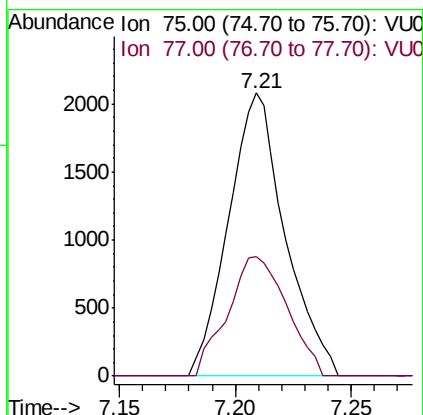
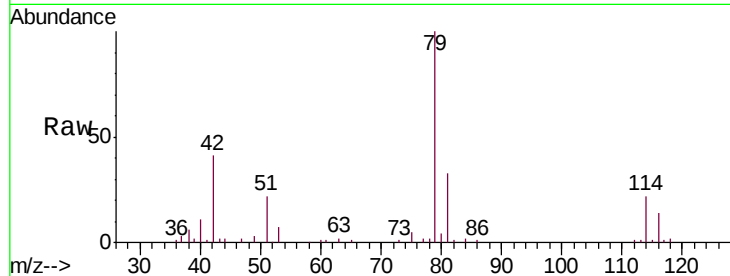


#39

cis-1,3-Dichloropropene
Concen: 1.031 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033437.D
Acq: 26 Jul 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
C0CC1

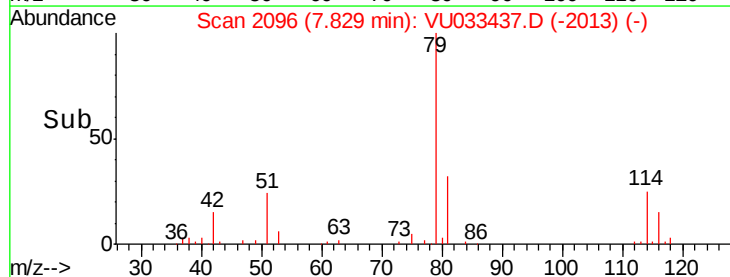
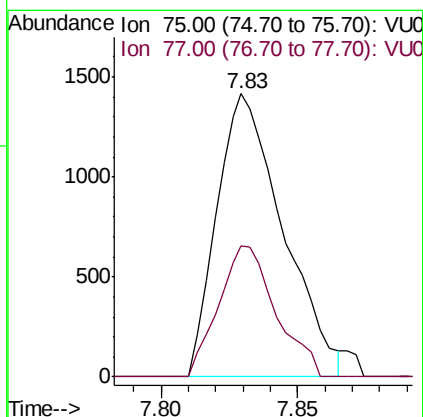
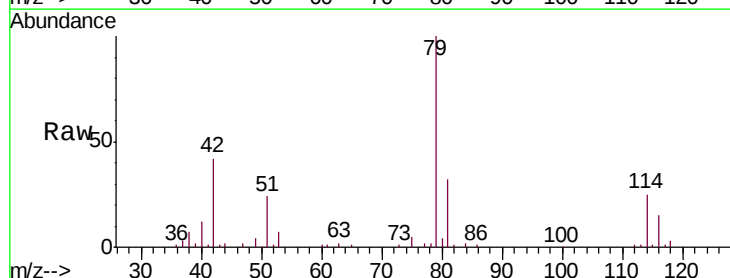
Tgt Ion: 75 Resp: 3526
Ion Ratio Lower Upper
75 100
77 42.2 23.1 42.9

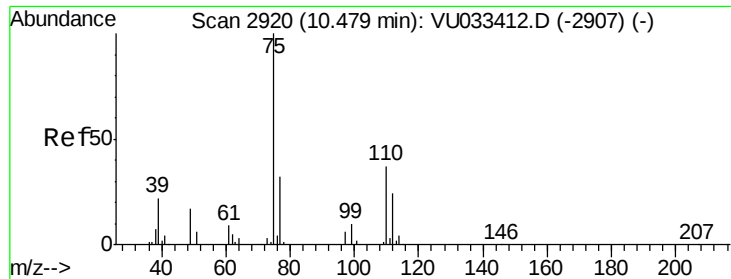


#44

trans-1,3-Dichloropropene
Concen: 0.772 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033437.D
Acq: 26 Jul 2019 02:04

Tgt Ion: 75 Resp: 2380
Ion Ratio Lower Upper
75 100
77 46.1 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 4.828 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033437.D

Acq: 26 Jul 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

C0CC1

Tgt Ion: 75 Resp: 14019

Ion Ratio Lower Upper

75 100

77 36.2 26.0 39.0

