

Data File : VU033449.D
Acq On : 26 Jul 2019 13:38
Operator : JC/SP
Sample : K3976-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CC1

Quant Time: Jul 27 02:01:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	252544	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	257275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	108672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110269	57.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.36%
7) Chloroethane-d5	1.67	69	101278	62.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.02%
11) 1,1-Dichloroethene-d2	2.25	63	155126	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
21) 2-Butanone-d5	4.15	46	143530	118.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.49%
24) Chloroform-d	4.62	84	180504	56.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.68%
26) 1,2-Dichloroethane-d4	5.29	65	121171	58.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.94%
32) Benzene-d6	5.32	84	360859	57.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.36%
36) 1,2-Dichloropropane-d6	6.31	67	116445	57.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.20%
41) Toluene-d8	7.55	98	311955	52.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.82%
43) trans-1,3-Dichloropropene-	7.83	79	52320	52.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.54%
47) 2-Hexanone-d5	8.30	63	98506	108.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	168096	54.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	119791	61.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.62%#

Target Compounds

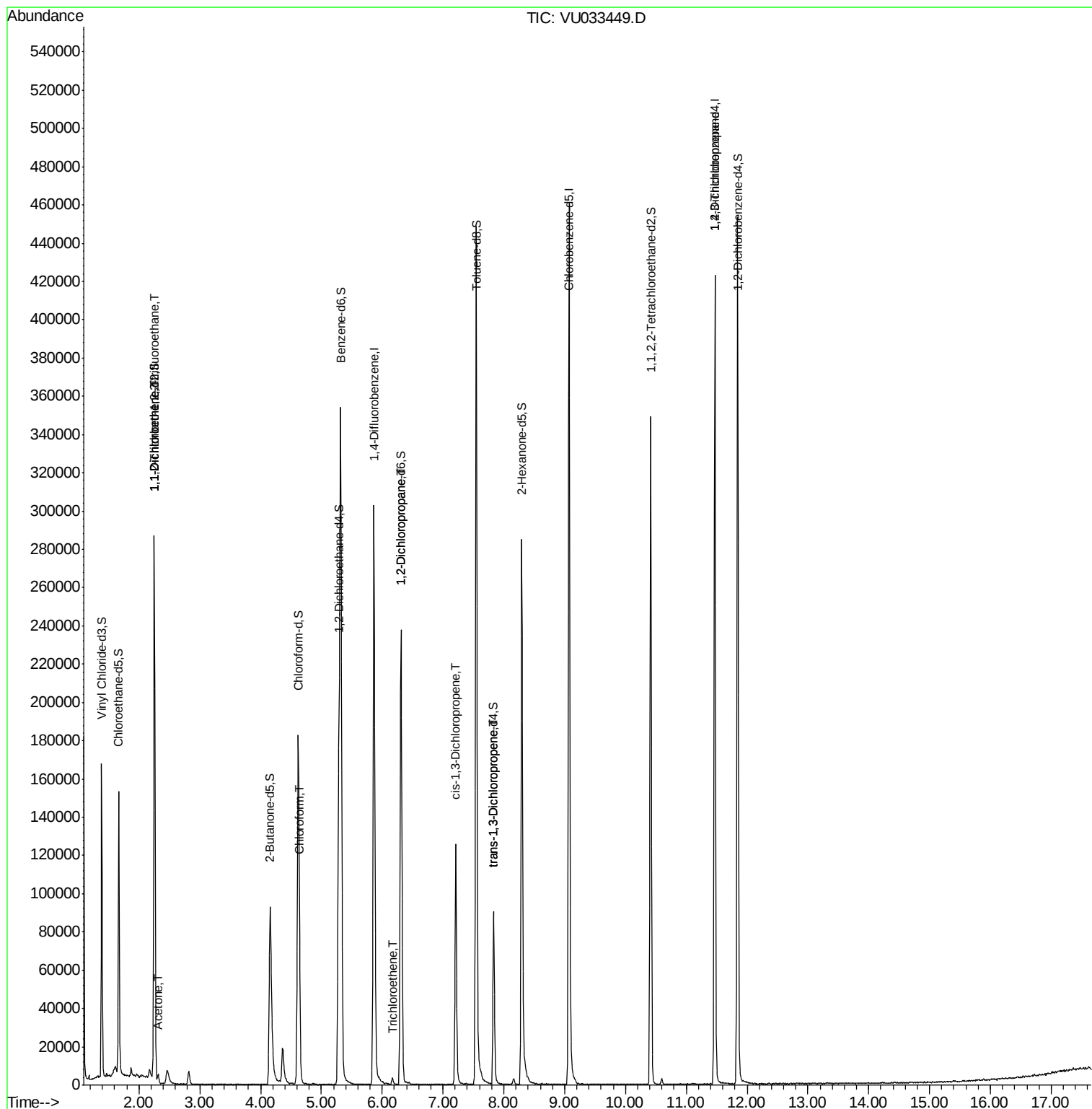
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1407	0.817	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1223	0.726	ug/L #	1
13) Acetone	2.32	43	3228	2.133	ug/L	95
25) Chloroform	4.65	83	3037	0.853	ug/L	93
34) Trichloroethene	6.17	95	1066	0.543	ug/L #	64
37) 1,2-Dichloropropane	6.31	63	12817	6.299	ug/L #	90
39) cis-1,3-Dichloropropene	7.21	75	3160	1.013	ug/L #	63
44) trans-1,3-Dichloropropene	7.83	75	2151	0.765	ug/L #	80
59) 1,2,3-Trichloropropane	11.47	75	13221	4.991	ug/L #	88

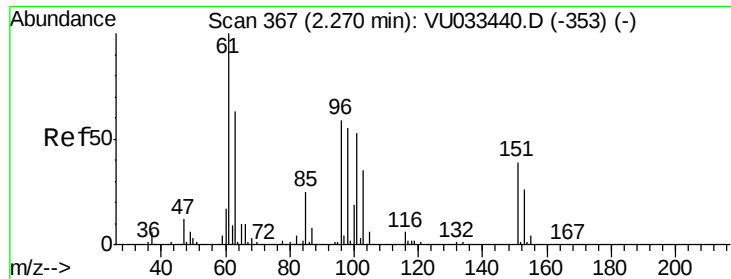
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.817 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Acq: 26 Jul 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

C0CC1

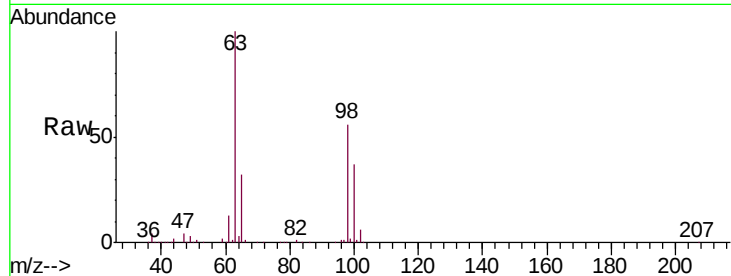
Tgt Ion: 101 Resp: 1407

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

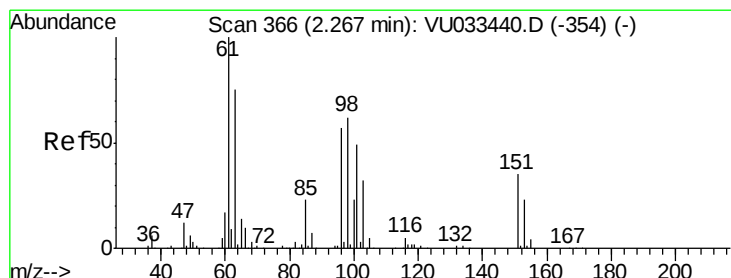
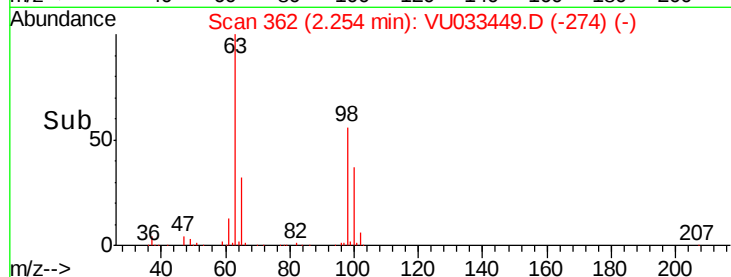
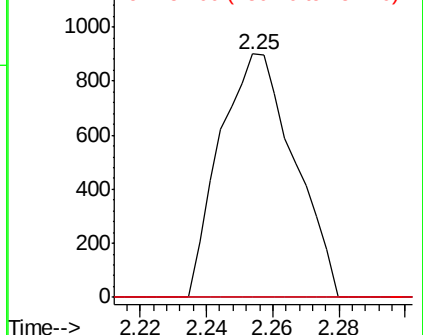
151 0.0 56.7 85.1#



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: 0.726 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033449.D

Acq: 26 Jul 2019 13:38

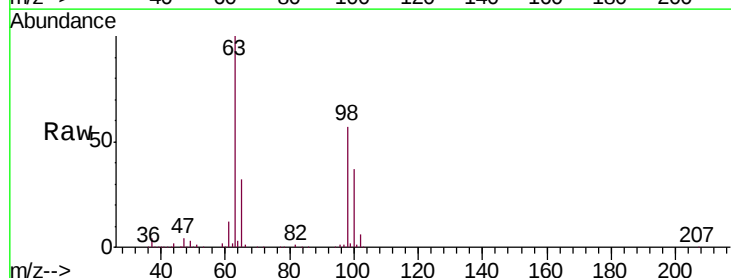
Tgt Ion: 96 Resp: 1223

Ion Ratio Lower Upper

96 100

61 1439.9 126.1 234.1#

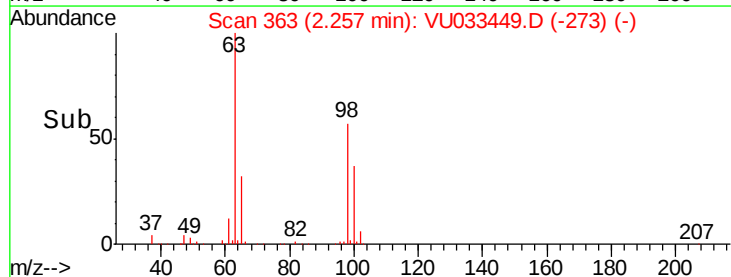
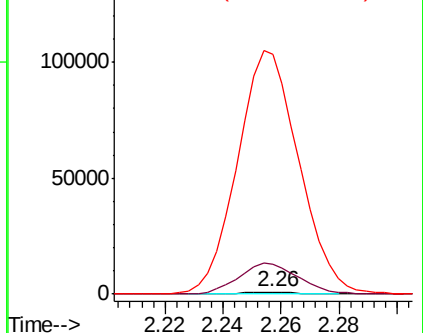
63 11560.6 96.8 179.8#

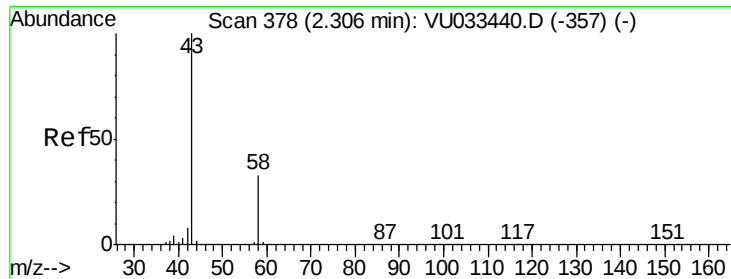


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.133 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

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Acq: 26 Jul 2019 13:38

Instrument :

MSVOA_U

ClientSampled :

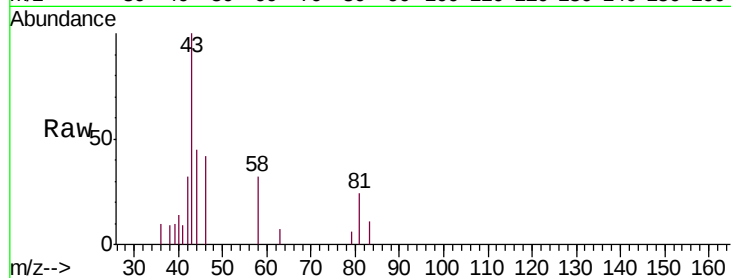
C0CC1

Tgt Ion: 43 Resp: 3228

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033440.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033440.D (-357) (-)

2.32

1500

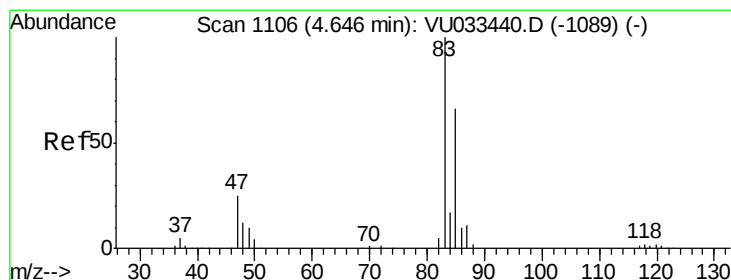
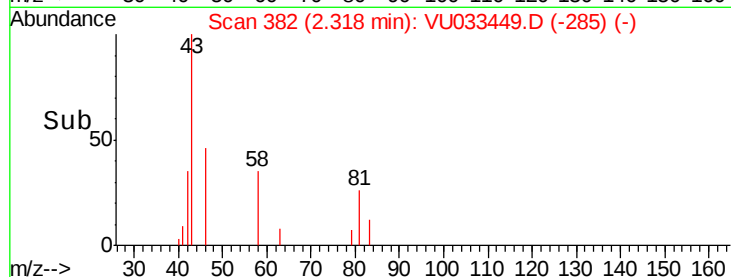
1000

500

0

2.30 2.32 2.34 2.36

Time-->



#25

Chloroform

Concen: 0.853 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033449.D

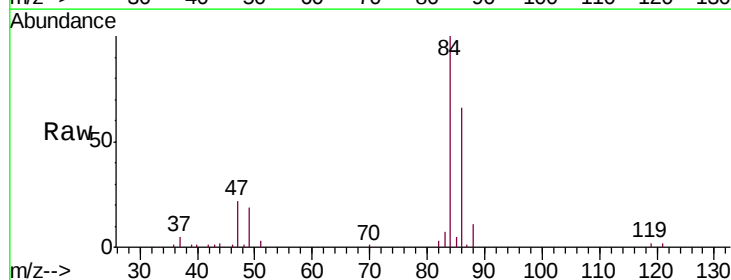
Acq: 26 Jul 2019 13:38

Tgt Ion: 83 Resp: 3037

Ion Ratio Lower Upper

83 100

85 70.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033440.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033440.D (-1089) (-)

4.65

1500

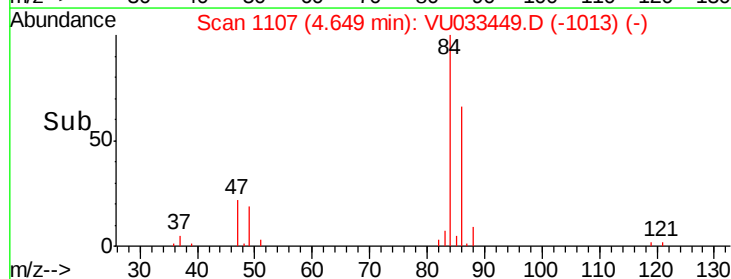
1000

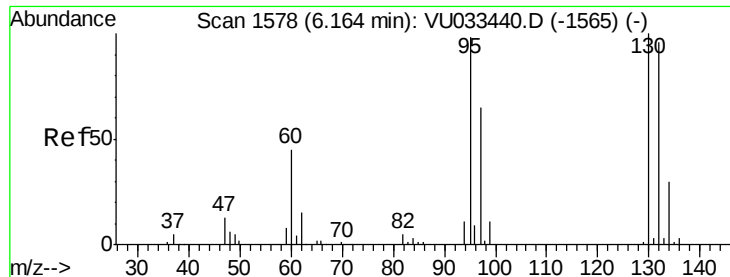
500

0

4.60 4.62 4.64 4.66 4.68

Time-->

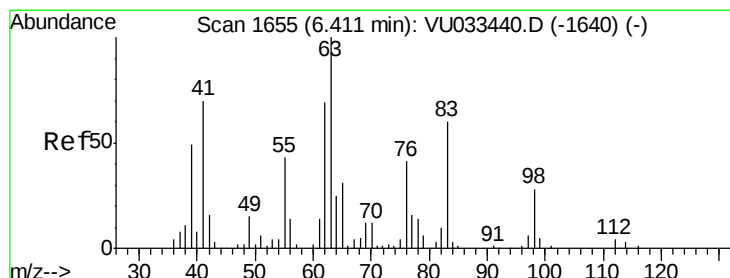
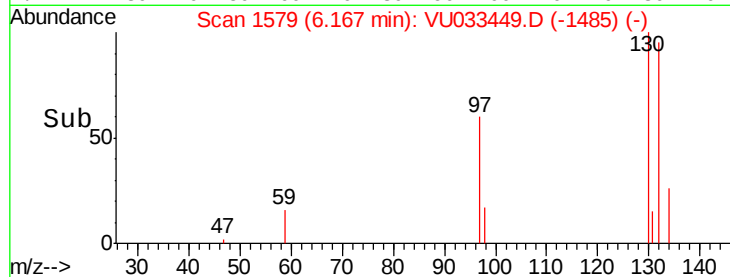
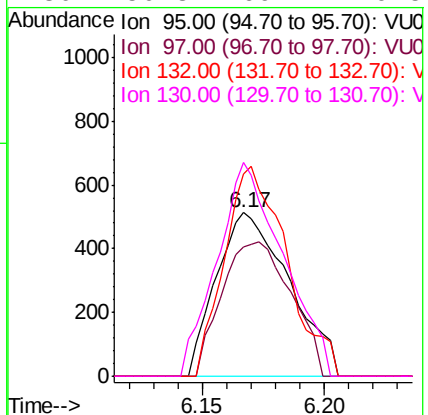
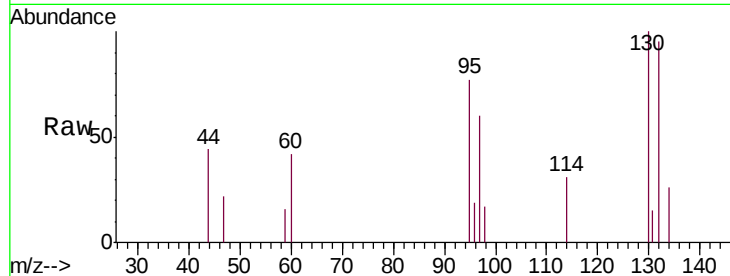




#34
 Trichloroethene
 Concen: 0.543 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033449.D
 Acq: 26 Jul 2019 13:38

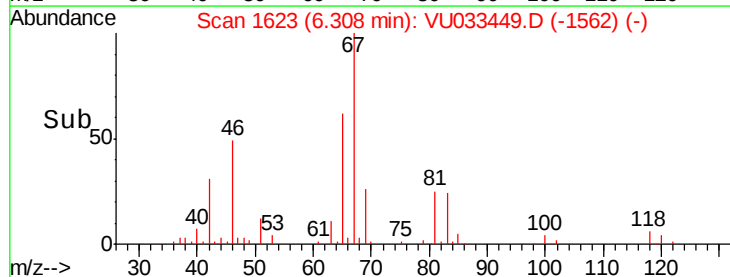
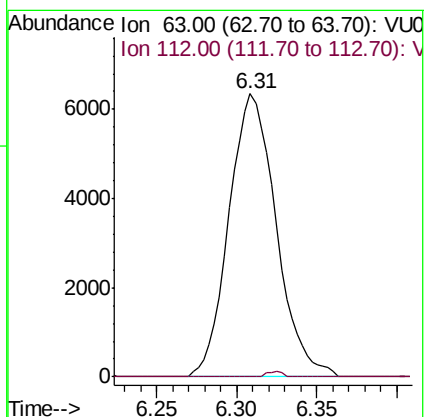
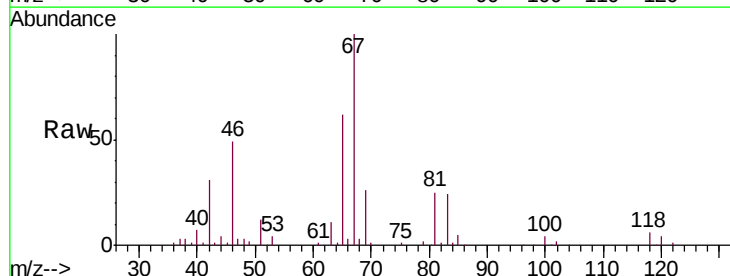
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC1

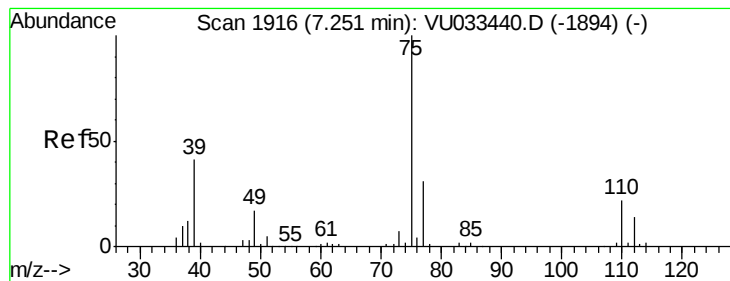
Tgt Ion: 95 Resp: 1066
 Ion Ratio Lower Upper
 95 100
 97 78.8 43.8 81.4
 132 124.0 65.5 121.6#
 130 150.3 69.7 129.5#



#37
 1,2-Dichloropropane
 Concen: 6.299 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033449.D
 Acq: 26 Jul 2019 13:38

Tgt Ion: 63 Resp: 12817
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.2 4.8#



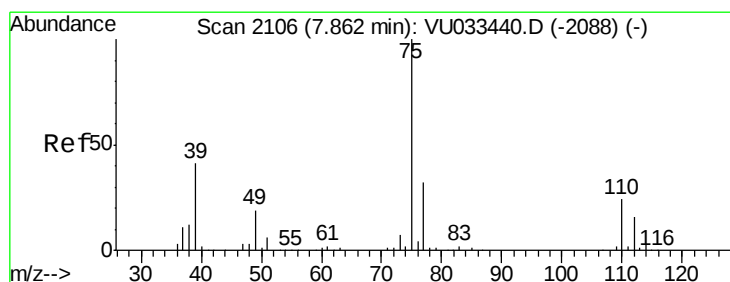
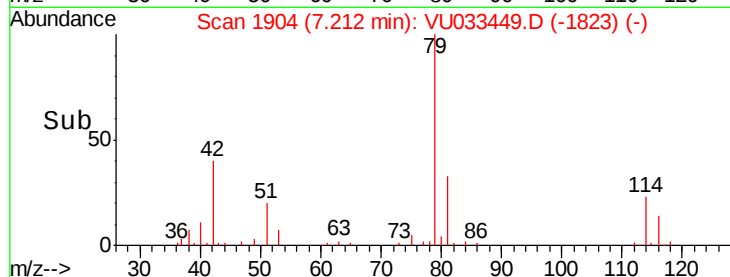
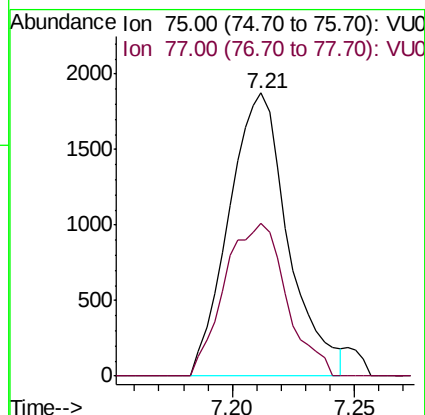
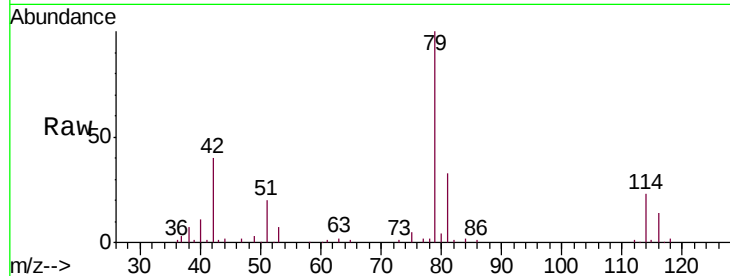


#39

cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU033449.D
Acq: 26 Jul 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :
C0CC1

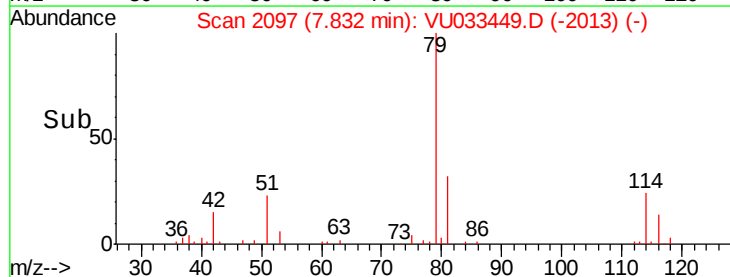
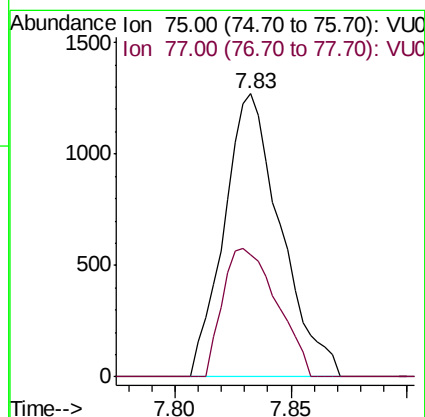
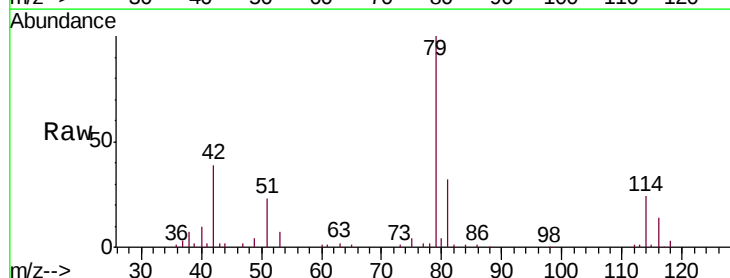
Tgt Ion: 75 Resp: 3160
Ion Ratio Lower Upper
75 100
77 54.0 23.1 42.9#

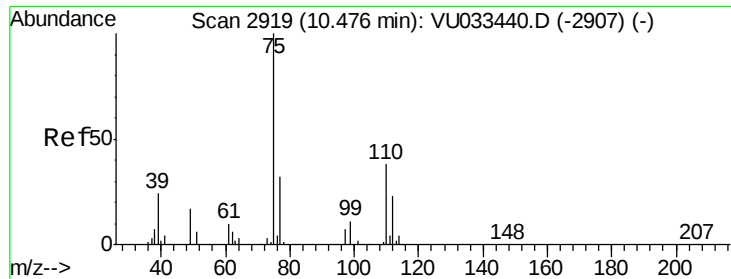


#44

trans-1,3-Dichloropropene
Concen: 0.765 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033449.D
Acq: 26 Jul 2019 13:38

Tgt Ion: 75 Resp: 2151
Ion Ratio Lower Upper
75 100
77 43.2 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 4.991 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033449.D

Acq: 26 Jul 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

C0CC1

Tgt Ion: 75 Resp: 13221

Ion Ratio Lower Upper

75 100

77 39.4 26.0 39.0#

