

Data File : VU033460.D
Acq On : 26 Jul 2019 17:50
Operator : JC/SP
Sample : K3976-11DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CA9DL

Quant Time: Jul 27 02:03:20 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	262293	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	269080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107179	53.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.96%
7) Chloroethane-d5	1.67	69	98130	57.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.70%
11) 1,1-Dichloroethene-d2	2.25	63	144238	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
21) 2-Butanone-d5	4.15	46	142820	113.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.52%
24) Chloroform-d	4.62	84	174449	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
26) 1,2-Dichloroethane-d4	5.29	65	124567	58.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.74%
32) Benzene-d6	5.32	84	364056	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
36) 1,2-Dichloropropane-d6	6.31	67	118960	56.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.52%
41) Toluene-d8	7.55	98	313941	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.83	79	51894	50.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.10%
47) 2-Hexanone-d5	8.30	63	99120	103.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	179788	56.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	122630	59.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.70%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1409	0.787 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1019	0.582 ug/L #	1
25) Chloroform	4.65	83	14689	3.971 ug/L	96
34) Trichloroethene	6.17	95	60710	29.582 ug/L	99
37) 1,2-Dichloropropane	6.31	63	12858	6.042 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3327	1.020 ug/L #	60
44) trans-1,3-Dichloropropene	7.83	75	2201	0.748 ug/L	89
59) 1,2,3-Trichloropropane	11.47	75	13456	4.857 ug/L	90

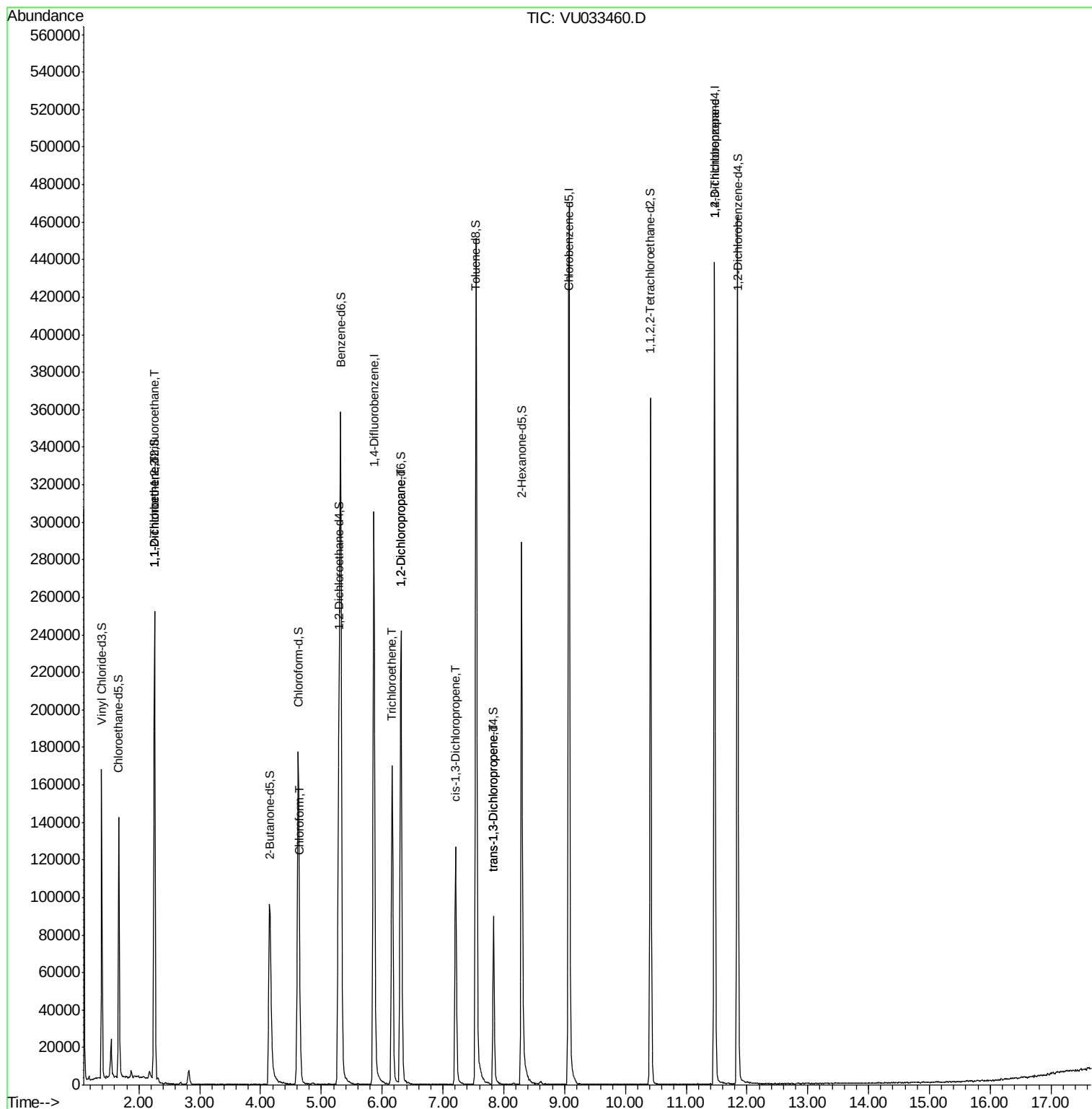
(#) = qualifier out of range (m) = manual integration (+) = signals summed

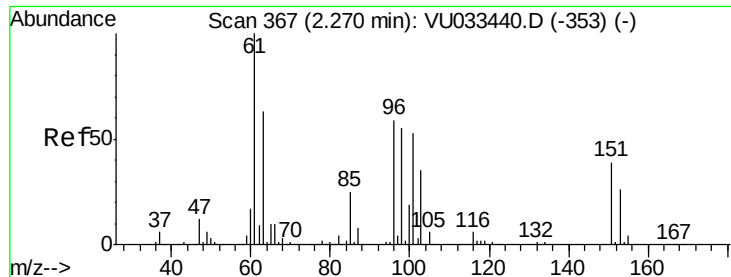
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#10

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

Concen: 0.787 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033460.D

Acq: 26 Jul 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

C0CA9DL

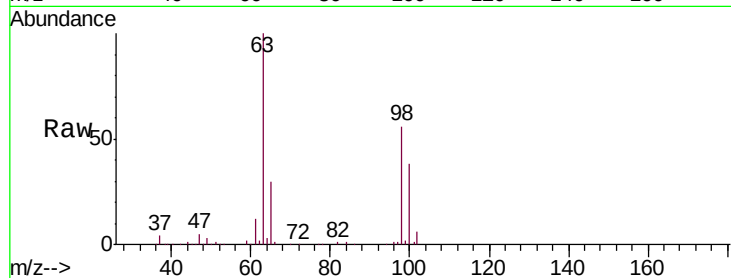
Tgt Ion: 101 Resp: 1409

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

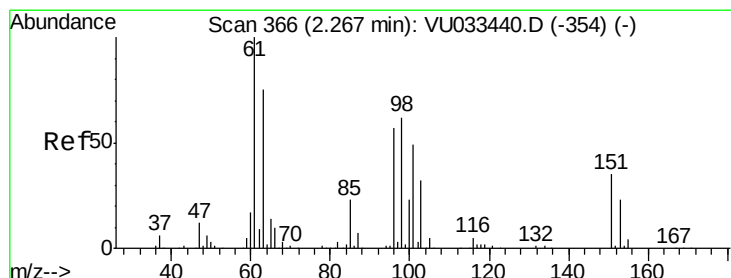
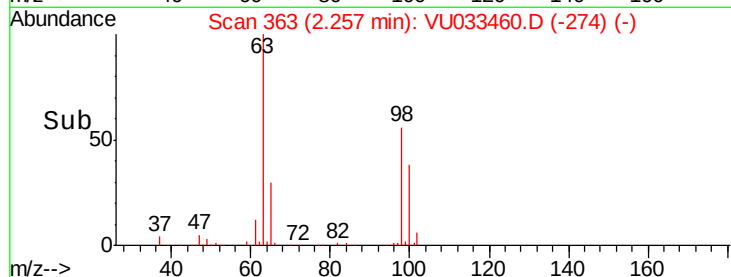
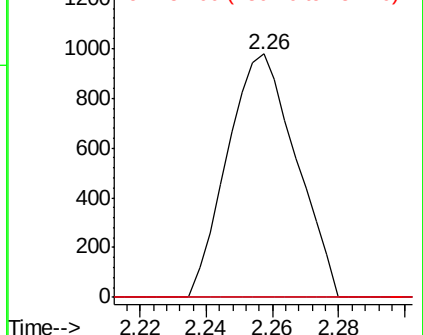
151 0.0 56.7 85.1#



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: 0.582 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033460.D

Acq: 26 Jul 2019 17:50

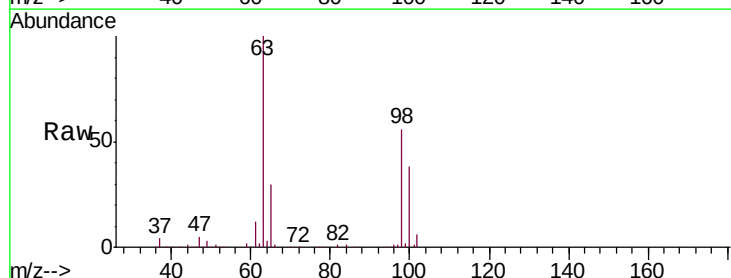
Tgt Ion: 96 Resp: 1019

Ion Ratio Lower Upper

96 100

61 1626.2 126.1 234.1#

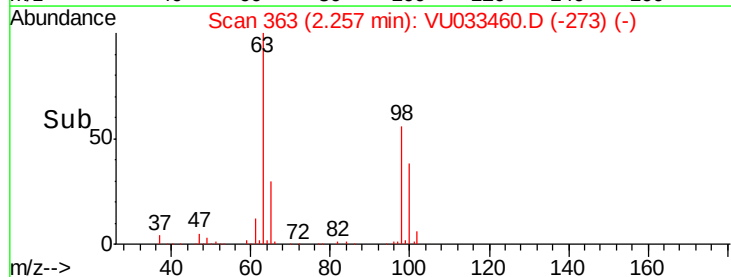
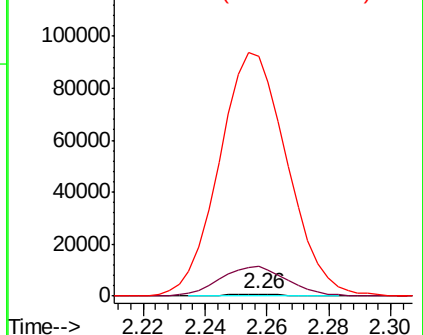
63 13305.3 96.8 179.8#

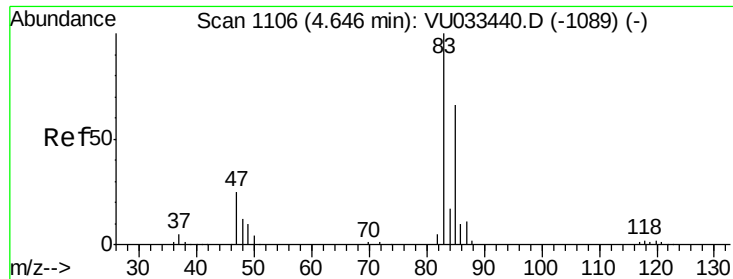


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 3.971 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033460.D

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Instrument :

MSVOA_U

ClientSampleId :

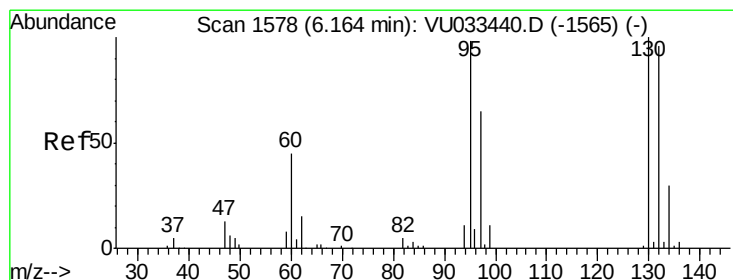
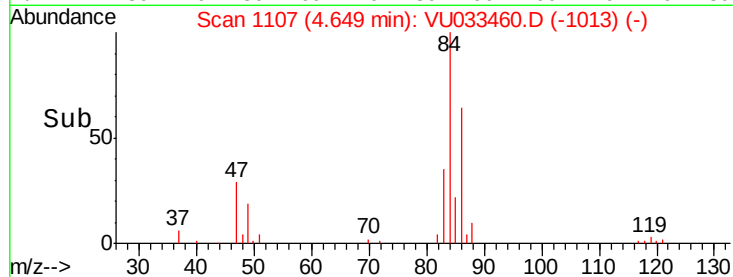
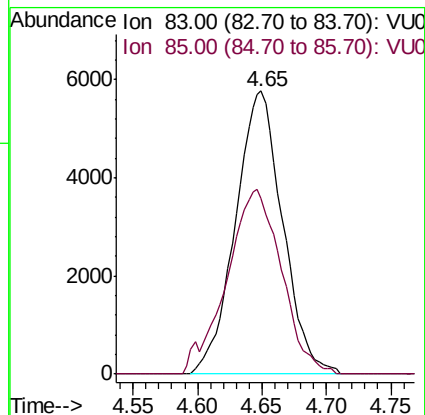
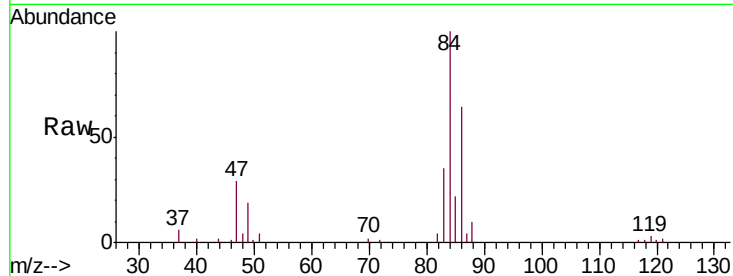
C0CA9DL

Tgt Ion: 83 Resp: 14689

Ion Ratio Lower Upper

83 100

85 61.9 45.4 84.4



#34

Trichloroethene

Concen: 29.582 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033460.D

Acq: 26 Jul 2019 17:50

Tgt Ion: 95 Resp: 60710

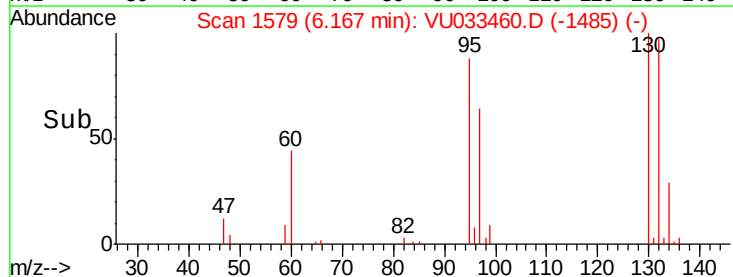
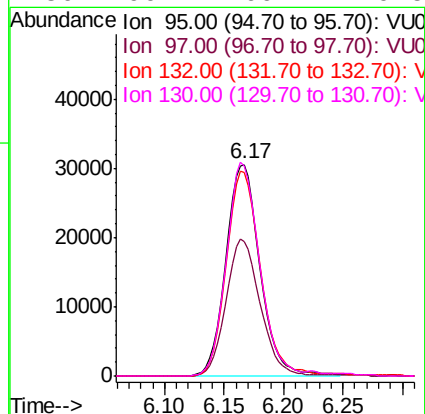
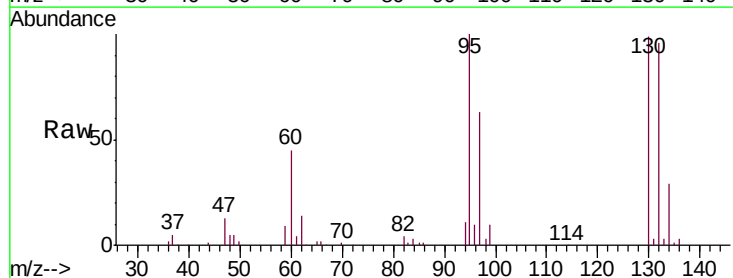
Ion Ratio Lower Upper

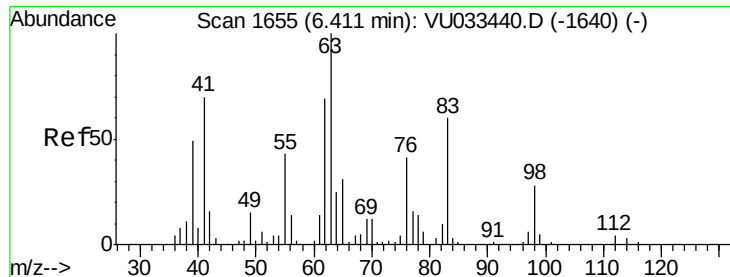
95 100

97 63.5 43.8 81.4

132 96.1 65.5 121.6

130 99.1 69.7 129.5

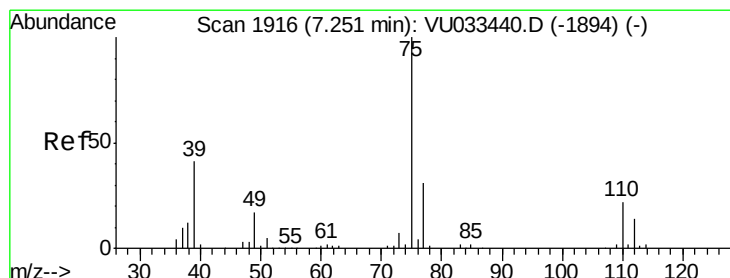
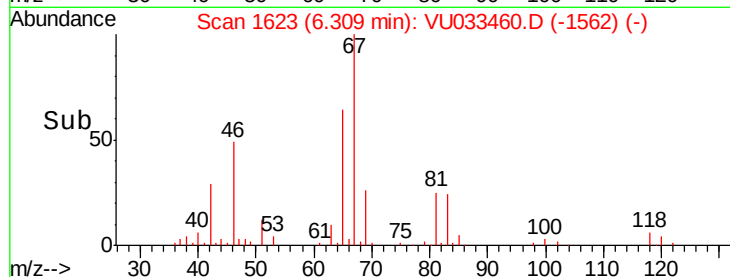
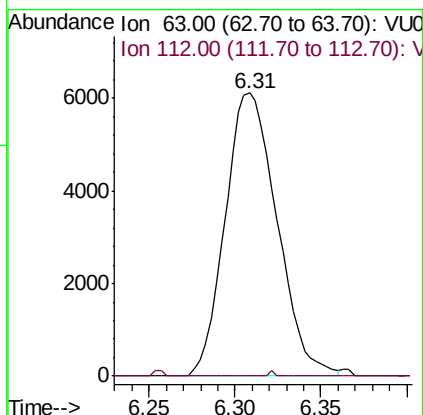
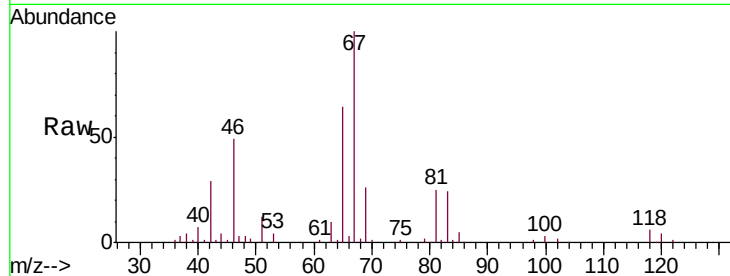




#37
 1,2-Dichloropropane
 Concen: 6.042 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033460.D
 Acq: 26 Jul 2019 17:50

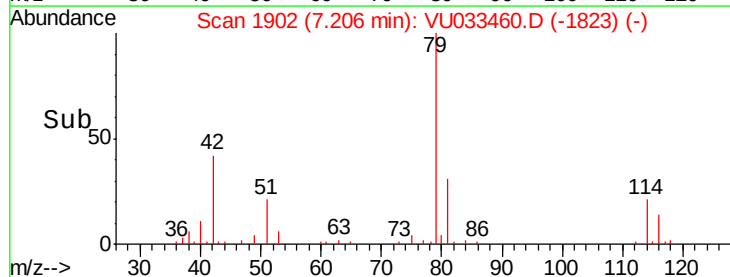
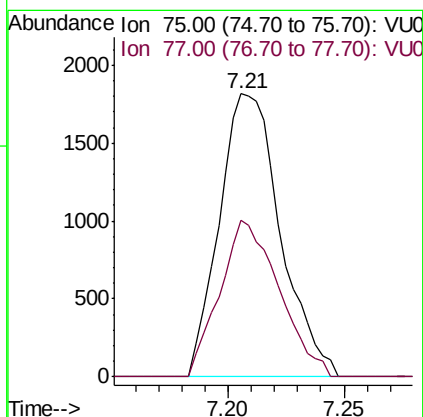
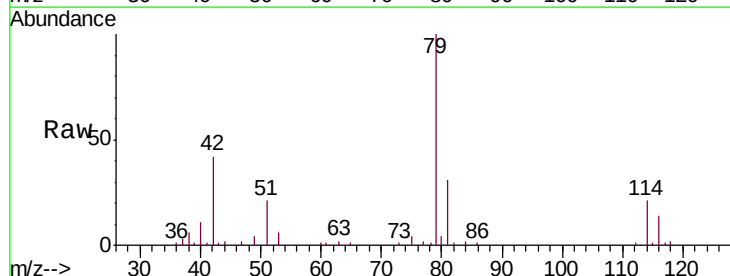
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CA9DL

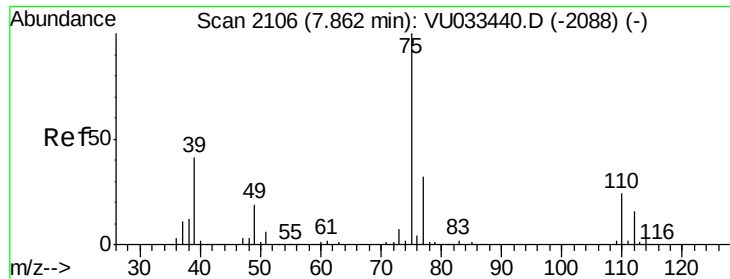
Tgt Ion: 63 Resp: 12858
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.020 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033460.D
 Acq: 26 Jul 2019 17:50

Tgt Ion: 75 Resp: 3327
 Ion Ratio Lower Upper
 75 100
 77 55.5 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033460.D

Acq: 26 Jul 2019 17:50

Instrument :

MSVOA_U

ClientSampleId :

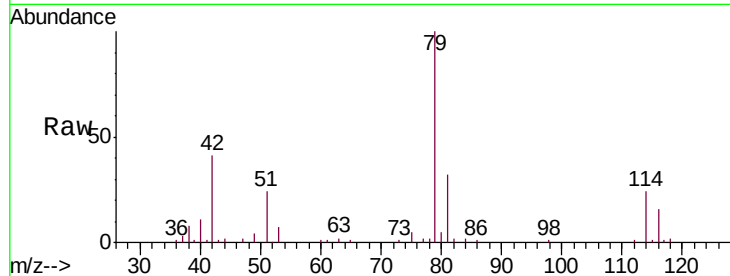
C0CA9DL

Tgt Ion: 75 Resp: 2201

Ion Ratio Lower Upper

75 100

77 38.1 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033440.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033440.D (-2088) (-)

7.83

1500

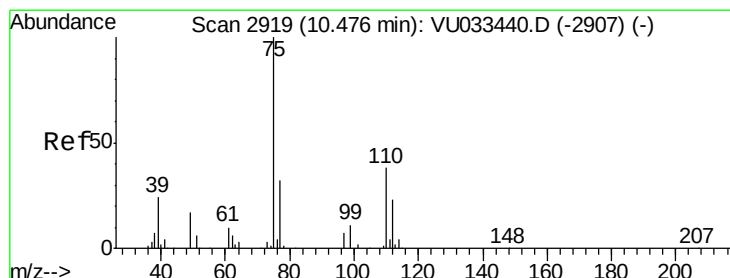
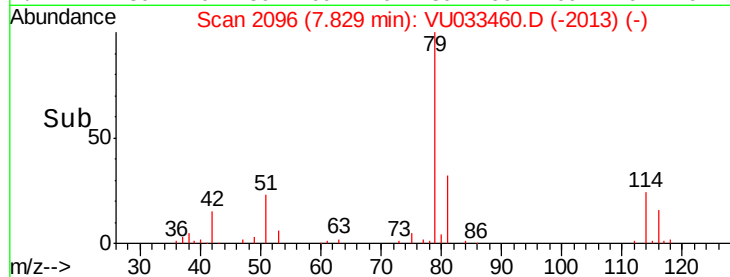
1000

500

0

7.80 7.85

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.857 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033460.D

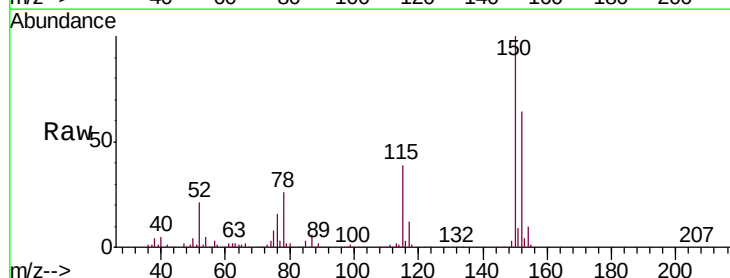
Acq: 26 Jul 2019 17:50

Tgt Ion: 75 Resp: 13456

Ion Ratio Lower Upper

75 100

77 37.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU033440.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033440.D (-2907) (-)

11.47

10000

8000

6000

4000

2000

0

11.40 11.45 11.50

Time-->

