

Data File : VU033575.D
Acq On : 02 Aug 2019 17:15
Operator : JC/SP
Sample : K4103-08DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F9DL

Quant Time: Aug 03 00:44:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	285825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134929	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124231	59.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.52%
7) Chloroethane-d5	1.67	69	105506	59.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.32%
11) 1,1-Dichloroethene-d2	2.26	63	162062	42.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.92%
21) 2-Butanone-d5	4.15	46	171755	124.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.75%
24) Chloroform-d	4.62	84	196866	56.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	5.29	65	129059	58.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.98%
32) Benzene-d6	5.32	84	403084	56.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.78%
36) 1,2-Dichloropropane-d6	6.31	67	130478	58.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.48%
41) Toluene-d8	7.55	98	358065	53.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.86%
43) trans-1,3-Dichloropropene-	7.83	79	58662	53.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.48%
47) 2-Hexanone-d5	8.30	63	123465	117.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192727	56.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	143155	57.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.88%

Target Compounds

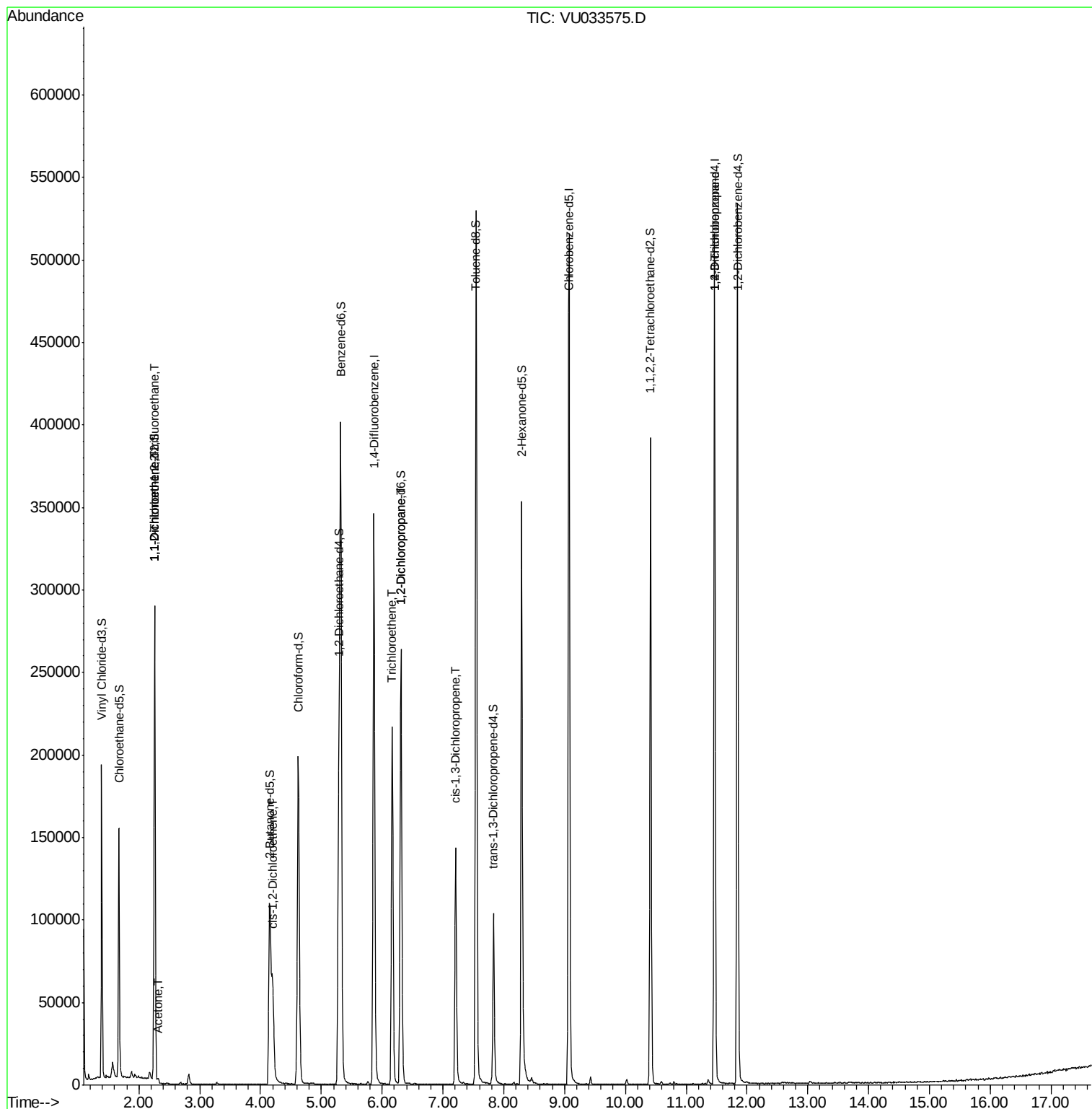
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1563	0.810 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1201	0.649 ug/L #	1
13) Acetone	2.31	43	1059	0.752 ug/L	84
20) cis-1,2-Dichloroethene	4.20	96	29369	13.489 ug/L	97
34) Trichloroethene	6.16	95	76389	35.120 ug/L	99
37) 1,2-Dichloropropane	6.31	63	13953	6.322 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3669	1.065 ug/L #	72
59) 1,2,3-Trichloropropane	11.47	75	16114	5.531 ug/L #	88

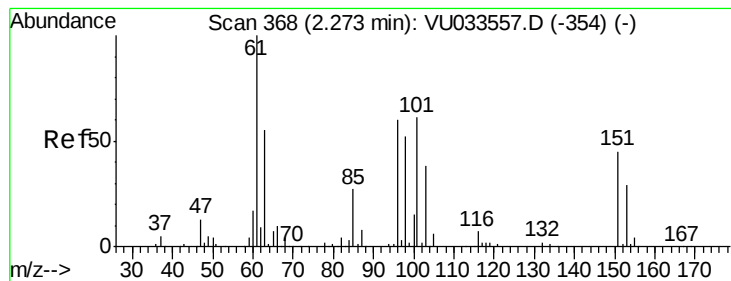
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033575.D
Acq On : 02 Aug 2019 17:15
Operator : JC/SP
Sample : K4103-08DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F9DL

Quant Time: Aug 03 00:44:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration





#10

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

Concen: 0.810 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033575.D

Acq: 02 Aug 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

DB9F9DL

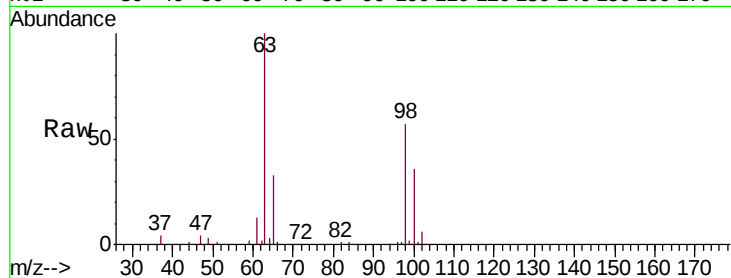
Tgt Ion: 101 Resp: 1563

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

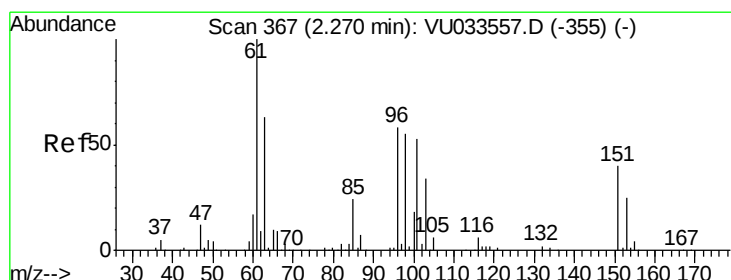
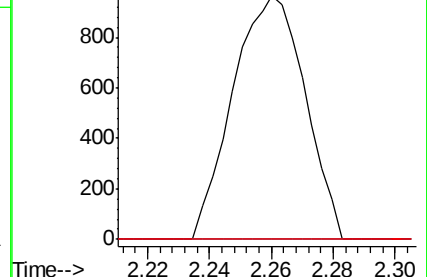
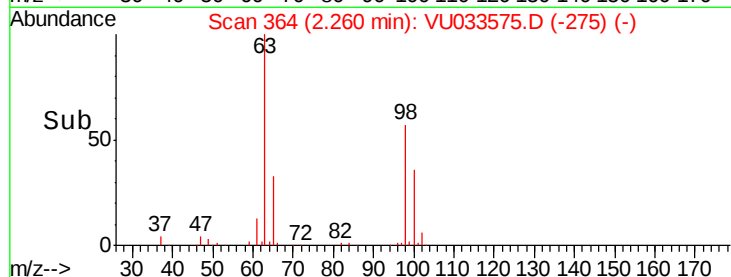
151 0.0 60.1 90.1#



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: 0.649 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033575.D

Acq: 02 Aug 2019 17:15

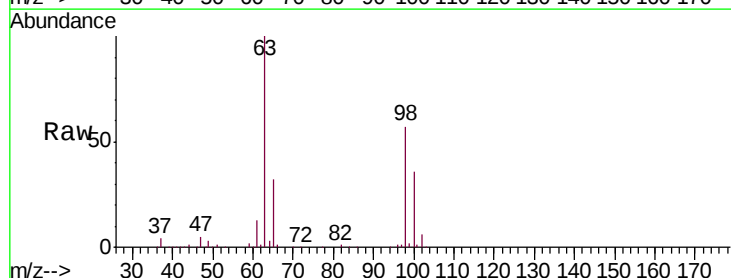
Tgt Ion: 96 Resp: 1201

Ion Ratio Lower Upper

96 100

61 1595.2 119.3 221.5#

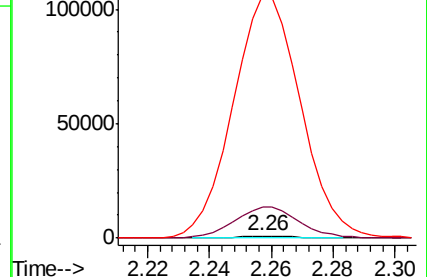
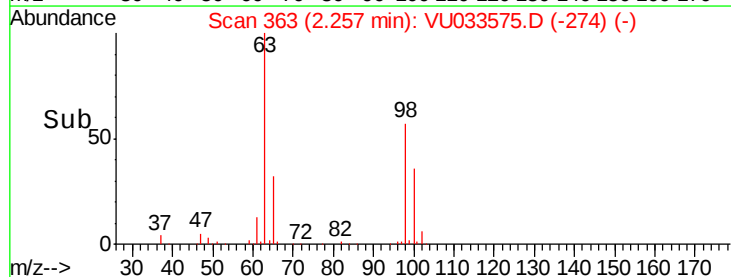
63 12669.5 86.6 160.8#

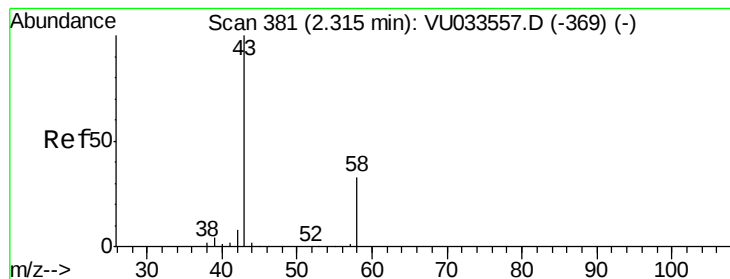


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.752 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VU033575.D

Acq: 02 Aug 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

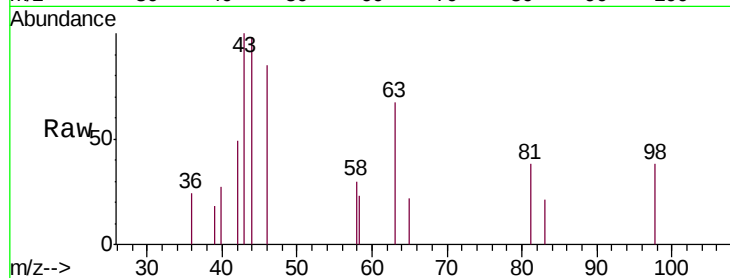
DB9F9DL

Tgt Ion: 43 Resp: 1059

Ion Ratio Lower Upper

43 100

58 24.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033557.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033557.D (-369) (-)

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

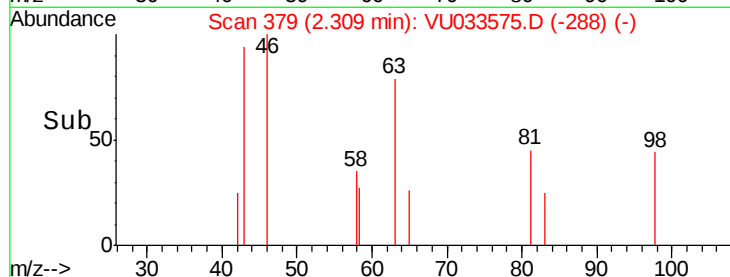
2.31

2.31

2.31

2.31

2.31



Abundance Ion 43.00 (42.70 to 43.70): VU033557.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033557.D (-369) (-)

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

2.31

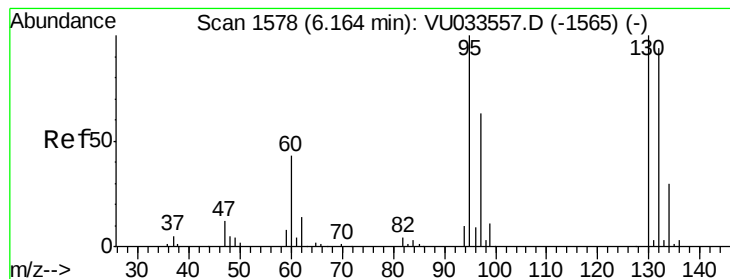
2.31

2.31

2.31

2.31

</



#34

Trichloroethene

Concen: 35.120 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033575.D

Acq: 02 Aug 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

DB9F9DL

Tgt Ion: 95 Resp: 76389

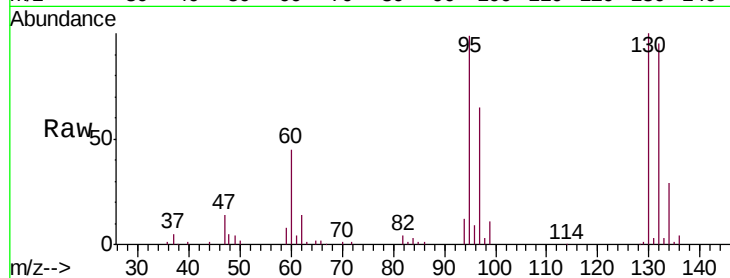
Ion Ratio Lower Upper

95 100

97 65.5 44.7 83.1

132 96.1 66.8 124.0

130 100.9 71.6 133.0

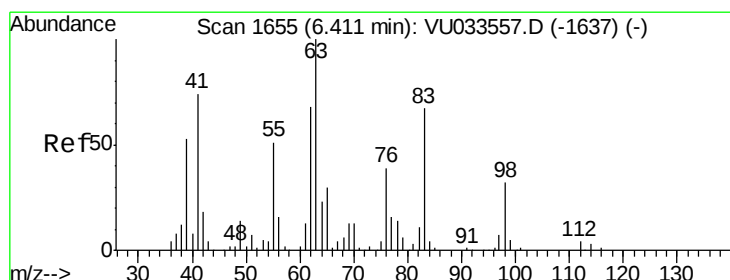
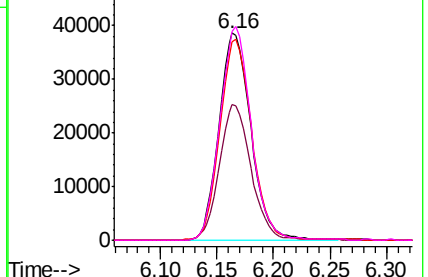
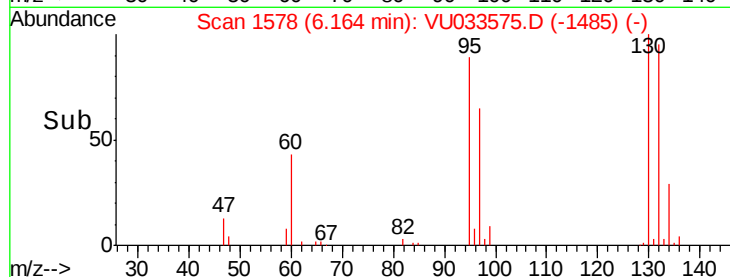


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.322 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033575.D

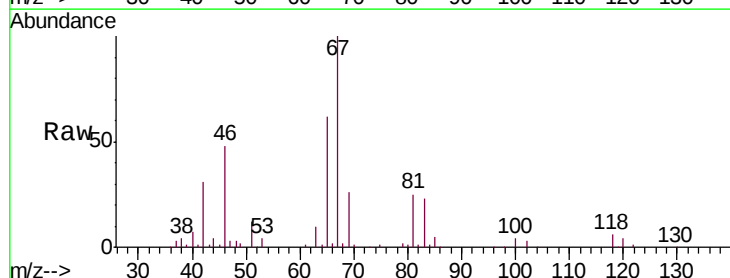
Acq: 02 Aug 2019 17:15

Tgt Ion: 63 Resp: 13953

Ion Ratio Lower Upper

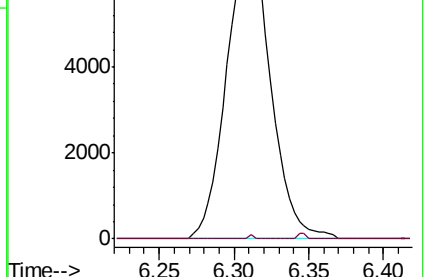
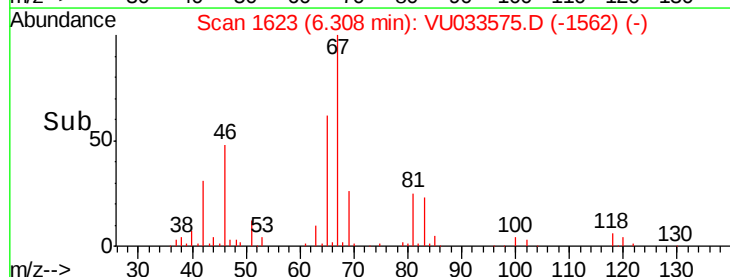
63 100

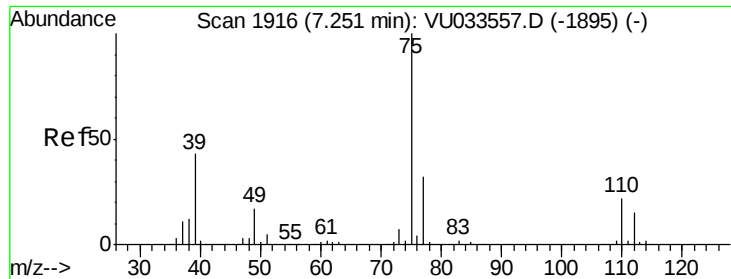
112 0.3 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

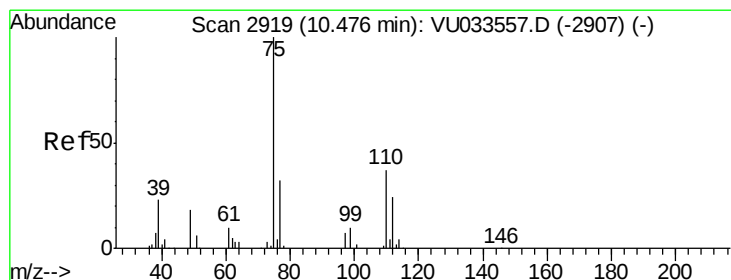
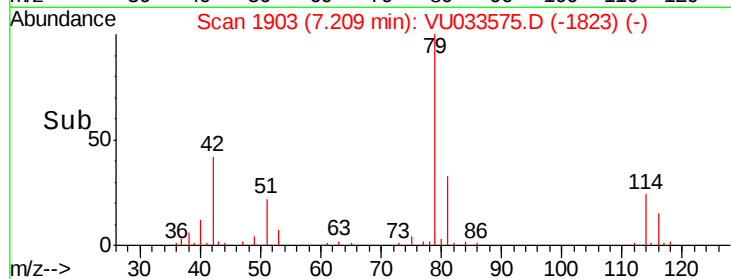
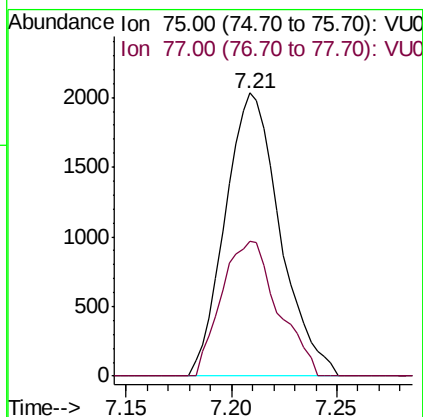
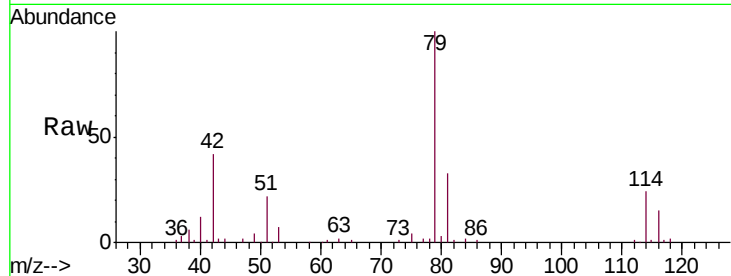




#39
 cis-1,3-Dichloropropene
 Concen: 1.065 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033575.D
 Acq: 02 Aug 2019 17:15

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F9DL

Tgt Ion: 75 Resp: 3669
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.531 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033575.D
 Acq: 02 Aug 2019 17:15

Tgt Ion: 75 Resp: 16114
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.8 38.6#

