

Data File : VU033531.D
Acq On : 31 Jul 2019 17:37
Operator : JC/SP
Sample : K4103-08DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9E4DL

Quant Time: Aug 01 07:26:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	303342	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105840	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.98%
7) Chloroethane-d5	1.67	69	107398	56.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.52%
11) 1,1-Dichloroethene-d2	2.26	63	143834	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.15	46	166753	114.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.15%
24) Chloroform-d	4.62	84	187383	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
26) 1,2-Dichloroethane-d4	5.29	65	128646	54.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.90%
32) Benzene-d6	5.32	84	385205	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.31	67	127047	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.00%
41) Toluene-d8	7.55	98	346475	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.83	79	56336	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.44%
47) 2-Hexanone-d5	8.30	63	119789	108.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187891	52.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	138220	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%

Target Compounds

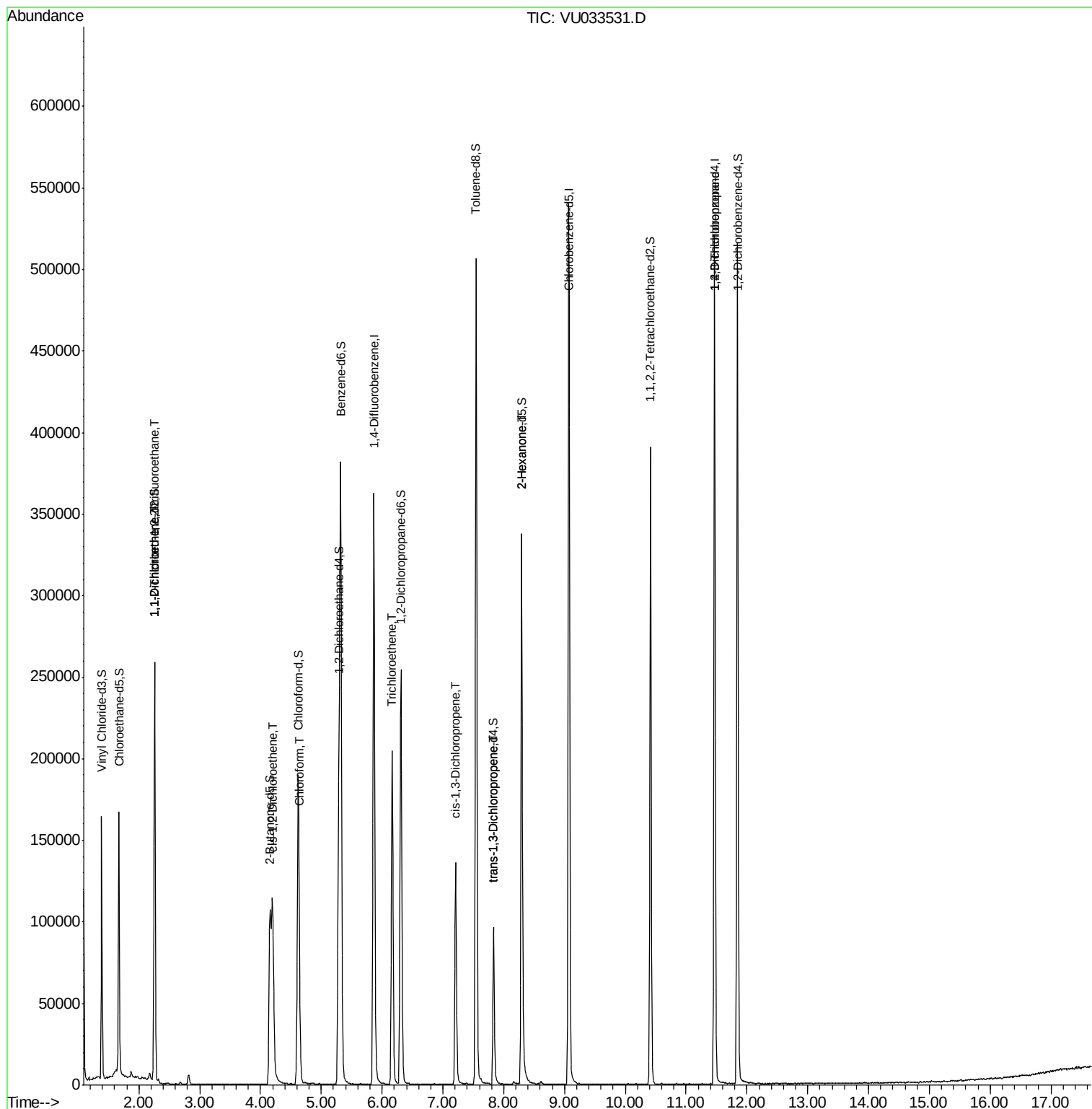
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1463	0.714 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1286	0.655 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	54485	23.586 ug/L	98
25) Chloroform	4.64	83	6830	1.680 ug/L	90
34) Trichloroethene	6.16	95	71064	31.132 ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	3437	0.951 ug/L #	67
44) trans-1,3-Dichloropropene	7.83	75	2245	0.687 ug/L #	74
48) 2-Hexanone	8.30	43	13943	5.394 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	15492	5.067 ug/L #	88

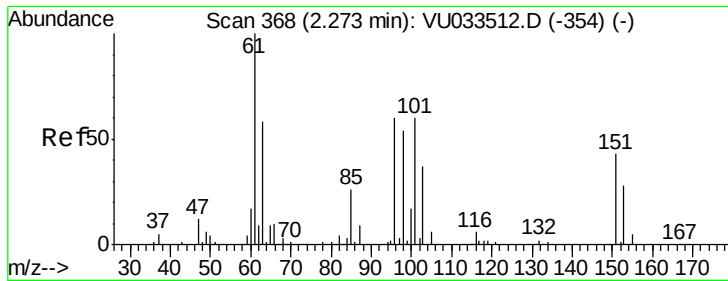
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.714 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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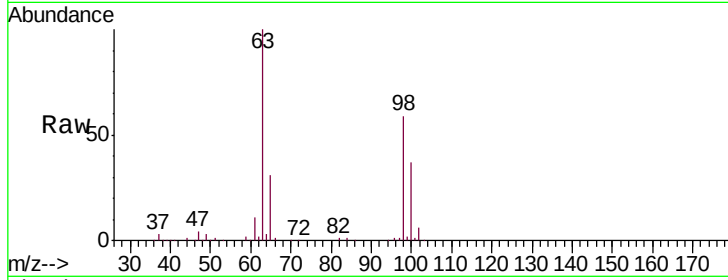
Tgt Ion:101 Resp: 1463

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

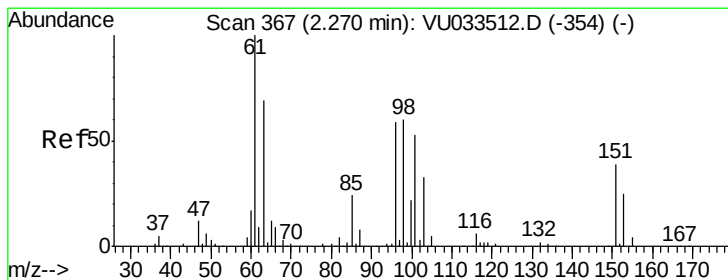
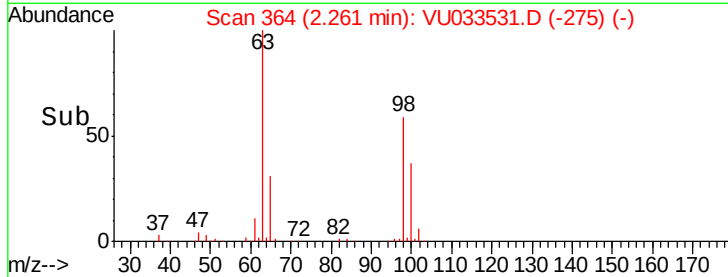
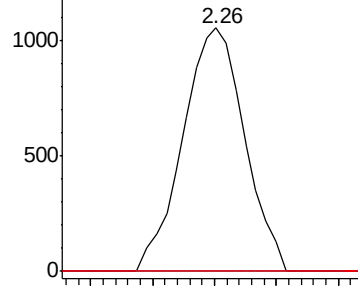
151 0.0 60.1 90.1#



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: 0.655 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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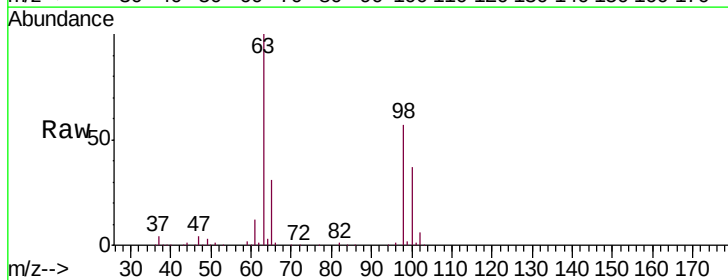
Tgt Ion: 96 Resp: 1286

Ion Ratio Lower Upper

96 100

61 1386.6 119.3 221.5#

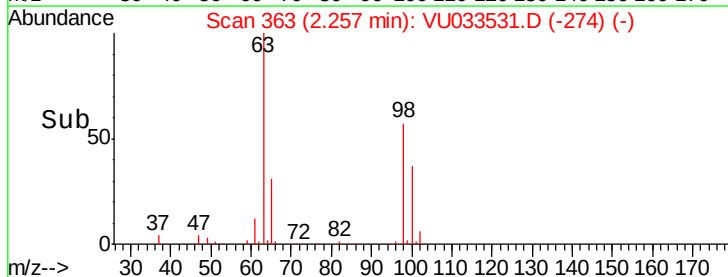
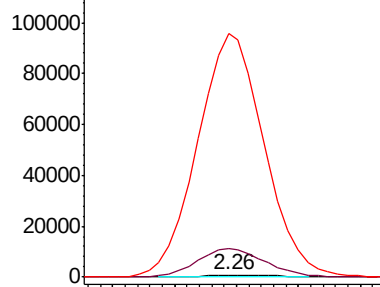
63 11758.2 86.6 160.8#

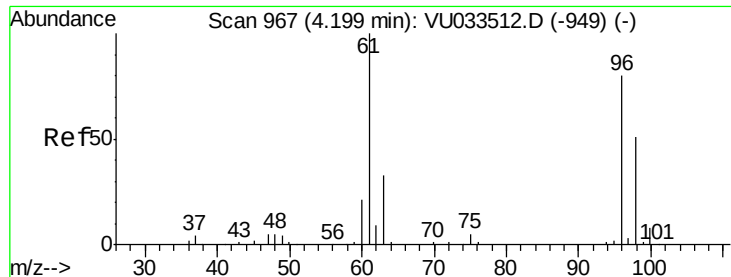


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

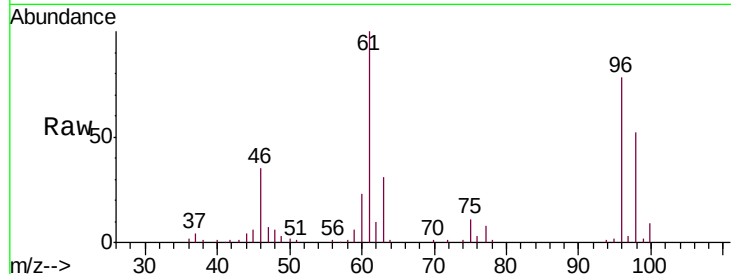




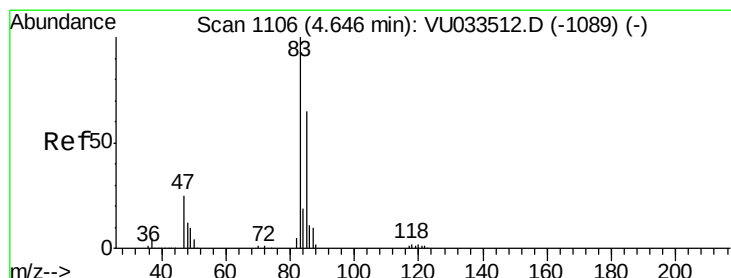
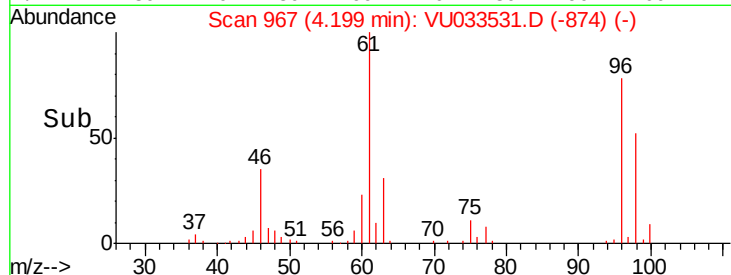
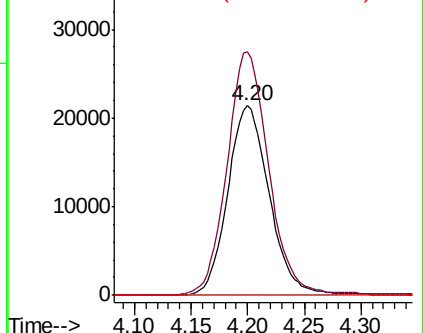
#20
 cis-1,2-Dichloroethene
 Concen: 23.586 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033531.D
 Acq: 31 Jul 2019 17:37

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 ClientSampleID :
 DB9E4DL

Tgt Ion: 96 Resp: 54485
 Ion Ratio Lower Upper
 96 100
 61 128.6 91.3 169.6
 68 0.0 0.0 0.0

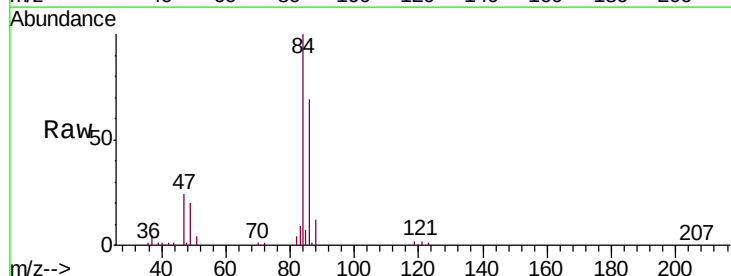


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

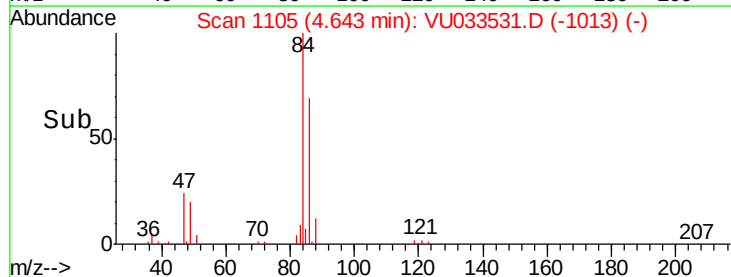
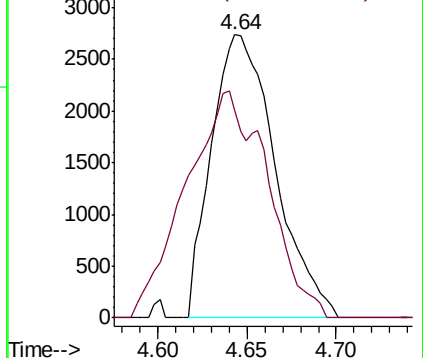


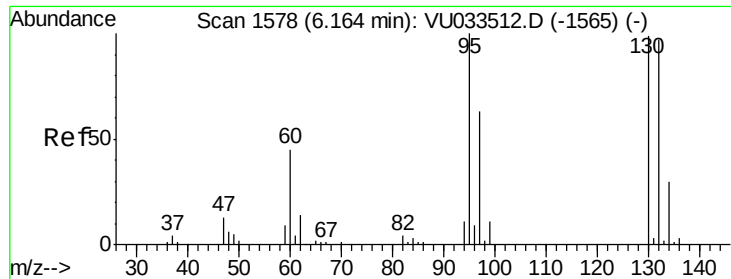
#25
 Chloroform
 Concen: 1.680 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: VU033531.D
 Acq: 31 Jul 2019 17:37

Tgt Ion: 83 Resp: 6830
 Ion Ratio Lower Upper
 83 100
 85 73.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

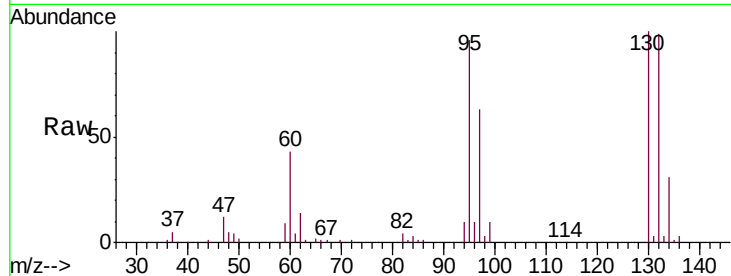




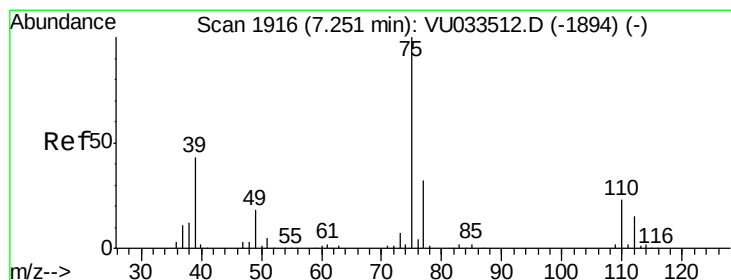
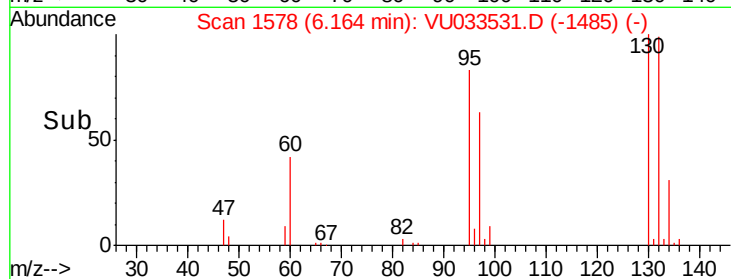
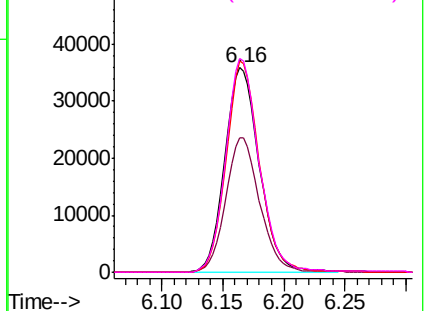
#34
 Trichloroethene
 Concen: 31.132 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033531.D
 Acq: 31 Jul 2019 17:37

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 ClientSampleId :
 DB9E4DL

Tgt Ion: 95 Resp: 71064
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.7 83.1
 132 103.0 66.8 124.0
 130 104.4 71.6 133.0

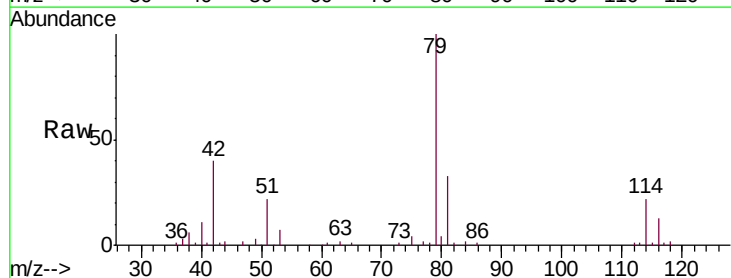


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

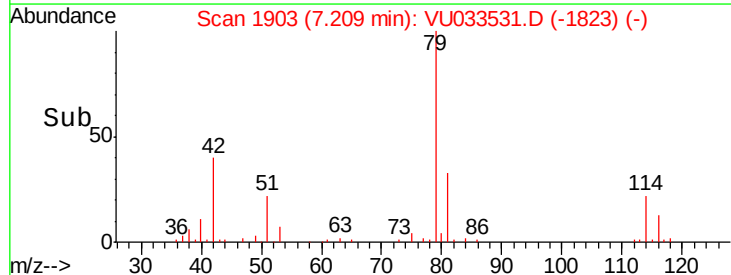
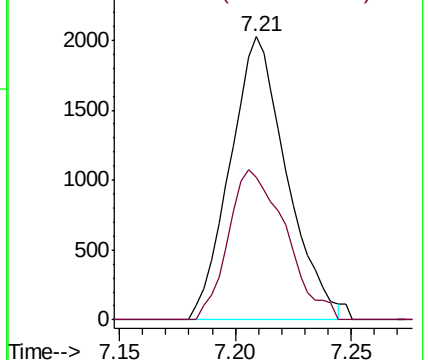


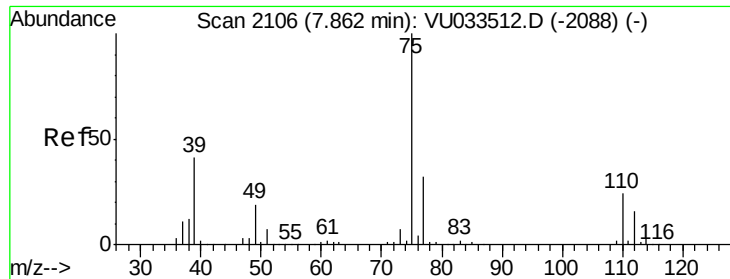
#39
 cis-1,3-Dichloropropene
 Concen: 0.951 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033531.D
 Acq: 31 Jul 2019 17:37

Tgt Ion: 75 Resp: 3437
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033531.D

Acq: 31 Jul 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

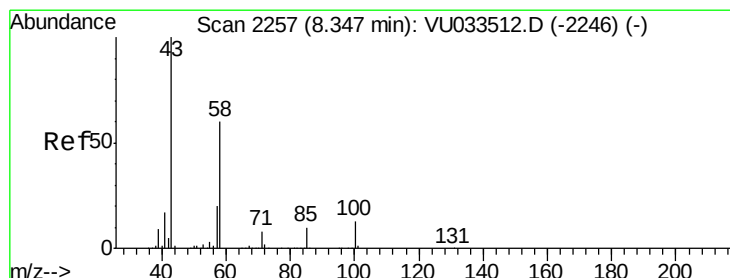
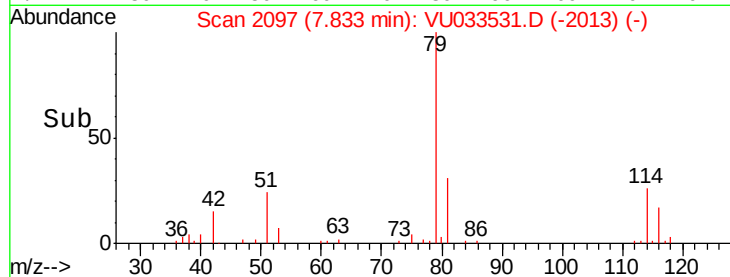
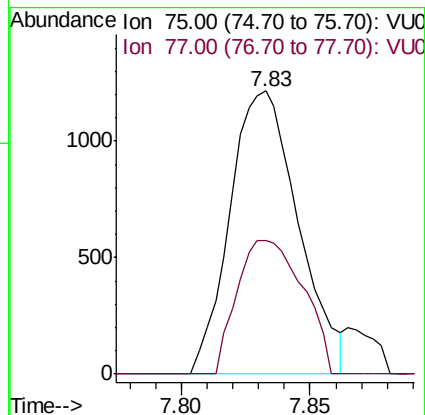
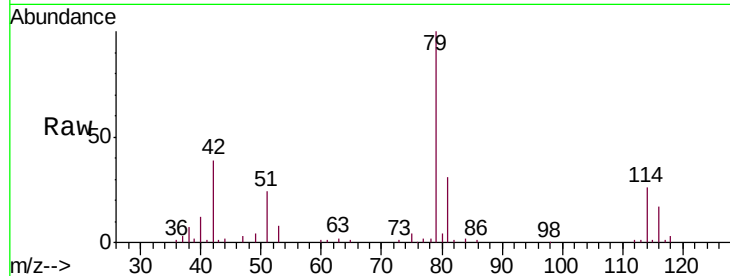
DB9E4DL

Tgt Ion: 75 Resp: 2245

Ion Ratio Lower Upper

75 100

77 47.2 22.7 42.1#



#48

2-Hexanone

Concen: 5.394 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU033531.D

Acq: 31 Jul 2019 17:37

Tgt Ion: 43 Resp: 13943

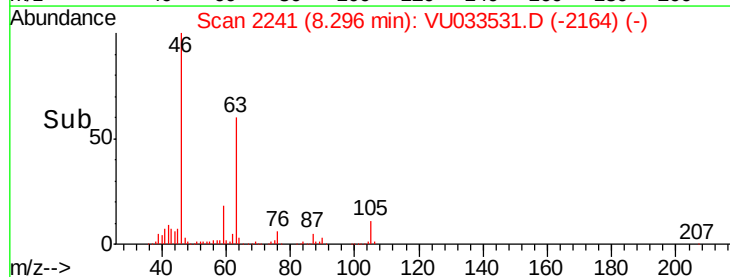
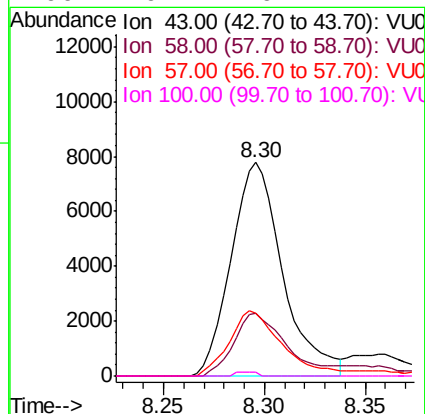
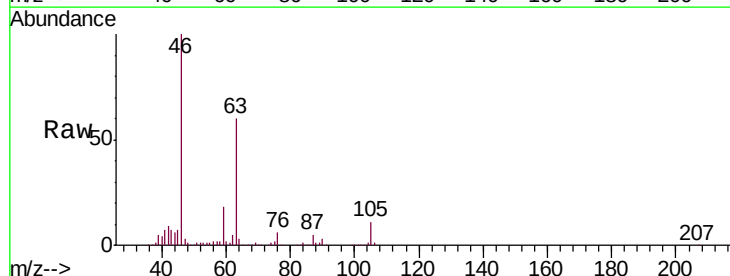
Ion Ratio Lower Upper

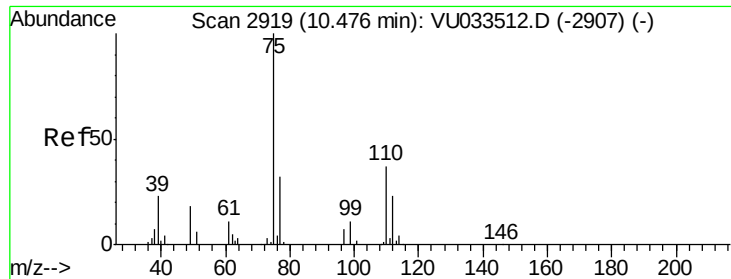
43 100

58 29.3 45.8 68.6#

57 31.4 15.8 23.6#

100 0.7 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.067 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

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Instrument :

MSVOA_U

ClientSampleId :

DB9E4DL

Tgt Ion: 75 Resp: 15492

Ion Ratio Lower Upper

75 100

77 38.8 25.8 38.6#

