

Data File : VU033548.D
Acq On : 01 Aug 2019 14:47
Operator : JC/SP
Sample : K4103-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F5

Quant Time: Aug 02 02:31:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289342	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93464	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.90%
7) Chloroethane-d5	1.67	69	86123	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.42%
11) 1,1-Dichloroethene-d2	2.26	63	127923	33.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.30%
21) 2-Butanone-d5	4.15	46	166896	118.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.51%
24) Chloroform-d	4.62	84	184233	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
26) 1,2-Dichloroethane-d4	5.29	65	121047	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.26%
32) Benzene-d6	5.32	84	363926	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.31	67	120268	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.98%
41) Toluene-d8	7.55	98	322166	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.83	79	54713	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.10%
47) 2-Hexanone-d5	8.29	63	120832	113.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.19%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186323	53.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	132790	54.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.88%

Target Compounds

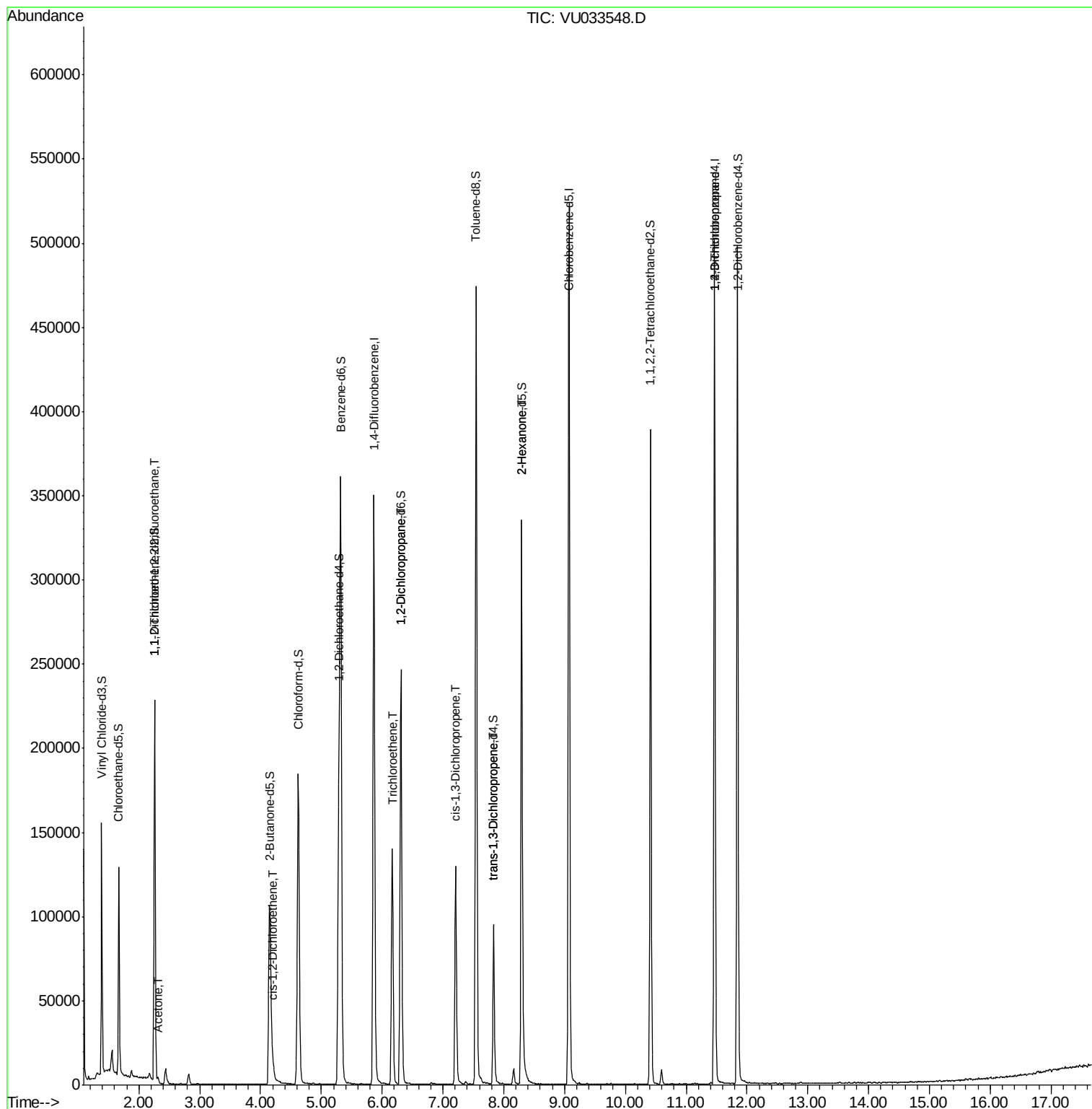
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1360	0.689 ug/L #	22
13) Acetone	2.31	43	2301	1.597 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	3086	1.386 ug/L	97
34) Trichloroethene	6.16	95	48983	22.247 ug/L	97
37) 1,2-Dichloropropane	6.31	63	13463	6.026 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3631	1.041 ug/L #	79
44) trans-1,3-Dichloropropene	7.83	75	2445	0.776 ug/L #	73
48) 2-Hexanone	8.30	43	13265	5.320 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	15638	5.303 ug/L	93

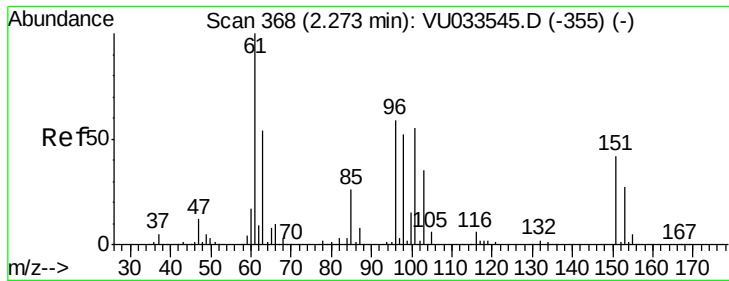
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.689 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033548.D

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Instrument :

MSVOA_U

ClientSampleId :

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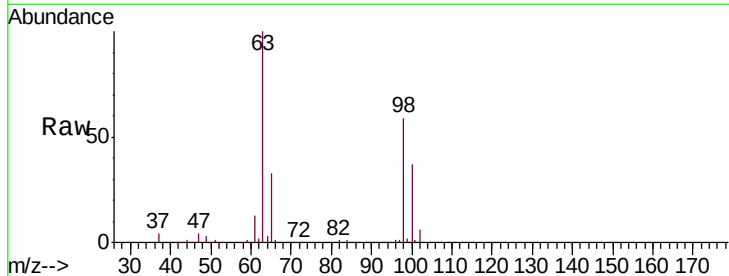
Tgt Ion:101 Resp: 1360

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

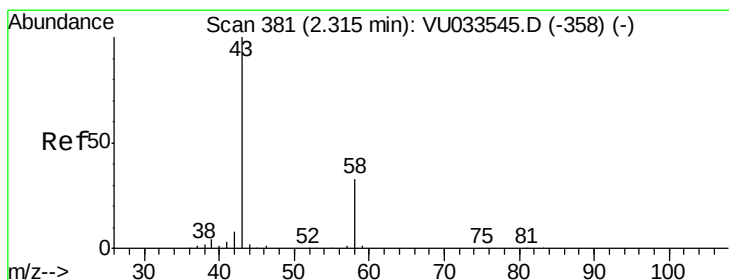
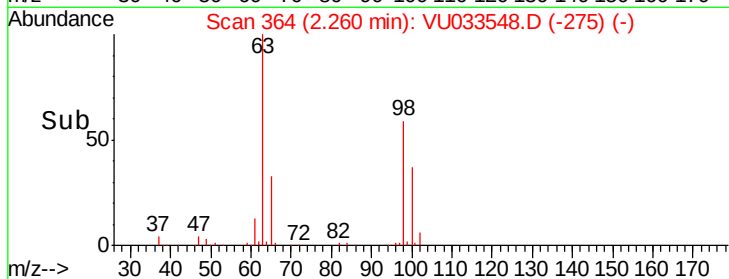
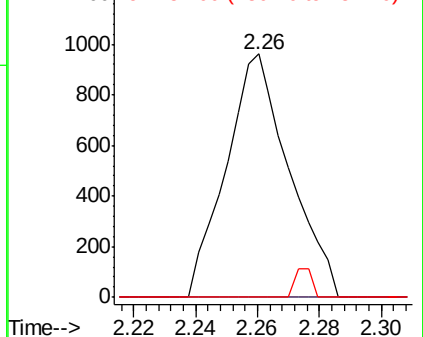
151 3.2 60.1 90.1#



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



#13

Acetone

Concen: 1.597 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

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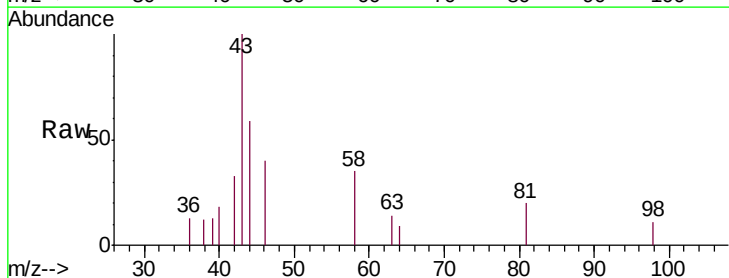
Acq: 01 Aug 2019 14:47

Tgt Ion: 43 Resp: 2301

Ion Ratio Lower Upper

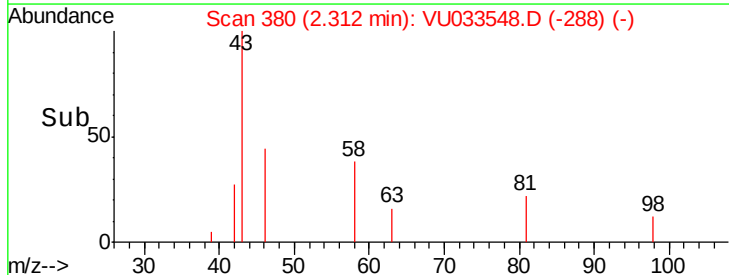
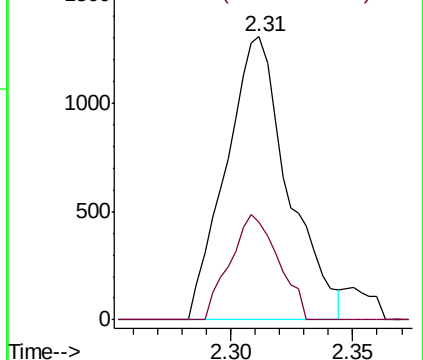
43 100

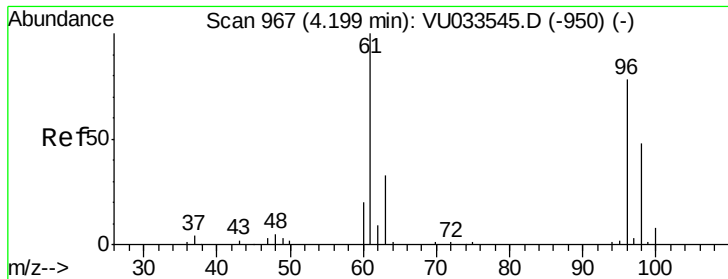
58 29.1 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

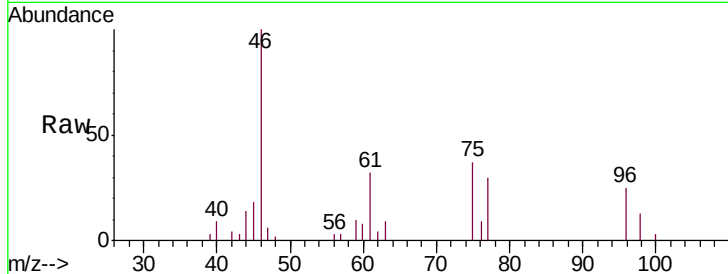




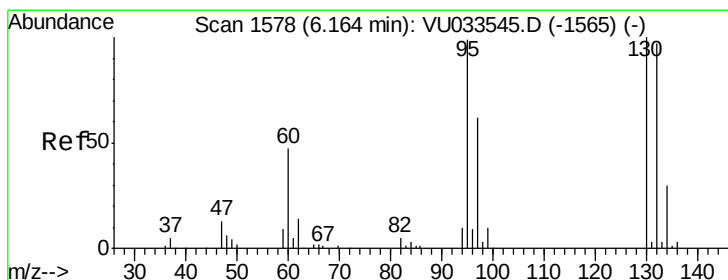
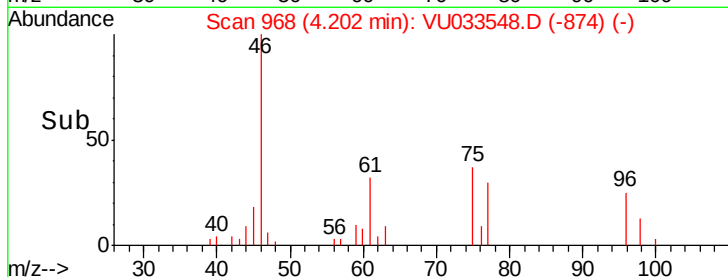
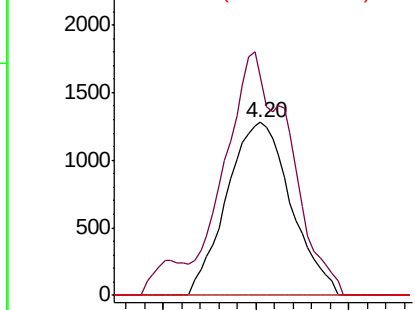
#20
 cis-1,2-Dichloroethene
 Concen: 1.386 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033548.D
 Acq: 01 Aug 2019 14:47

Instrument :
 MSVOA_U
 ClientSampleID :
 DB9F5

Tgt Ion: 96 Resp: 3086
 Ion Ratio Lower Upper
 96 100
 61 126.6 91.3 169.6
 68 0.0 0.0 0.0

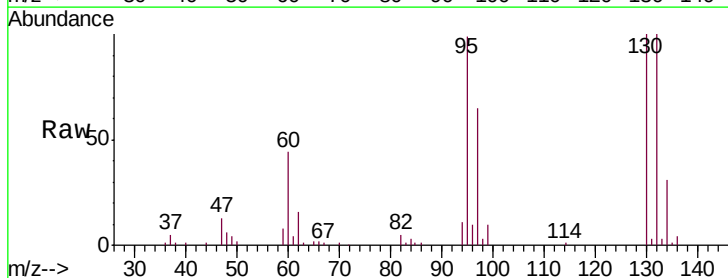


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

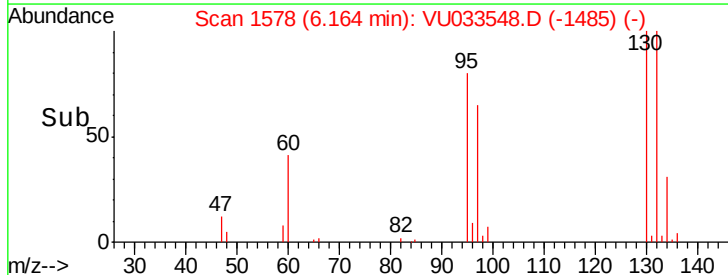
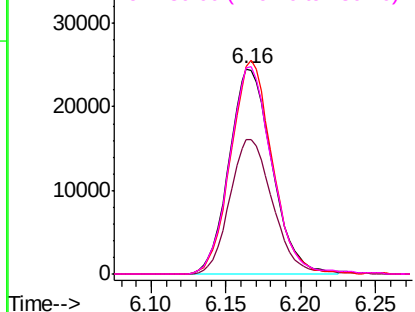


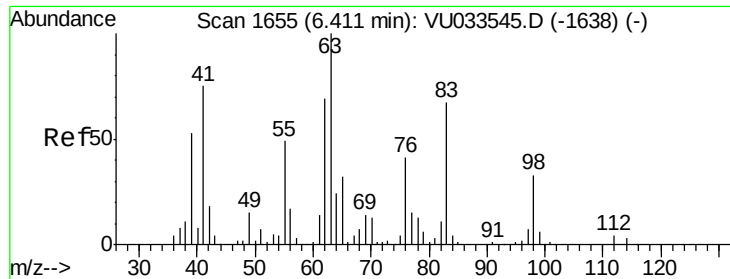
#34
 Trichloroethene
 Concen: 22.247 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033548.D
 Acq: 01 Aug 2019 14:47

Tgt Ion: 95 Resp: 48983
 Ion Ratio Lower Upper
 95 100
 97 65.7 44.7 83.1
 132 100.8 66.8 124.0
 130 100.6 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

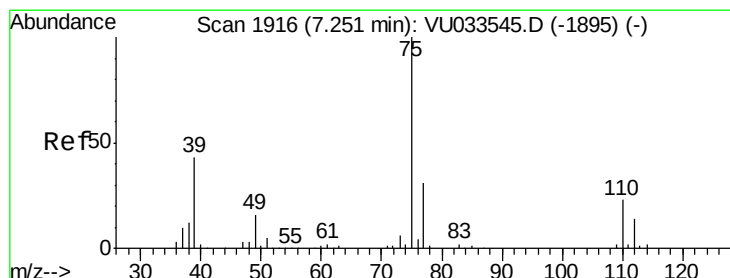
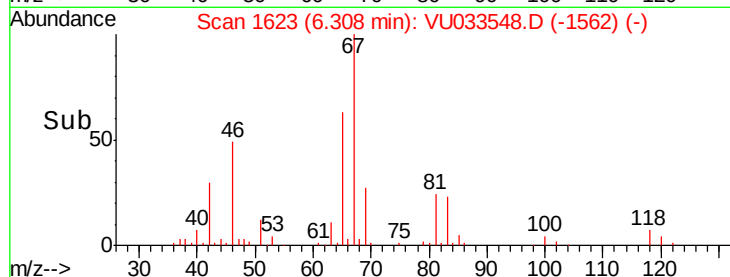
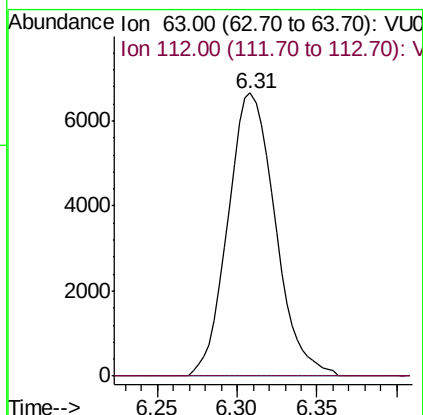
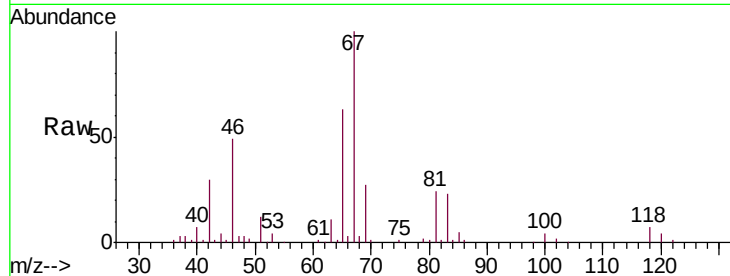




#37
 1,2-Dichloropropane
 Concen: 6.026 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033548.D
 Acq: 01 Aug 2019 14:47

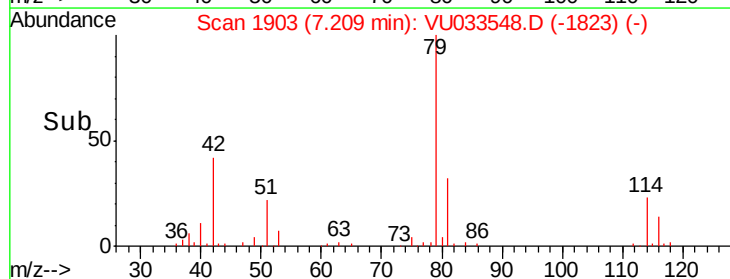
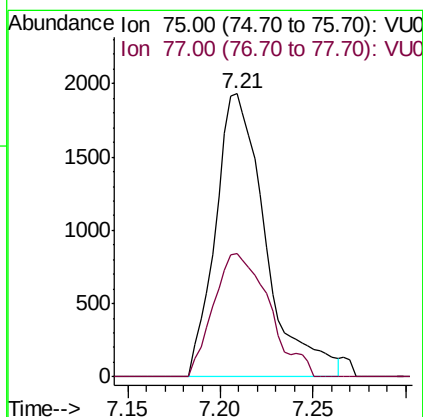
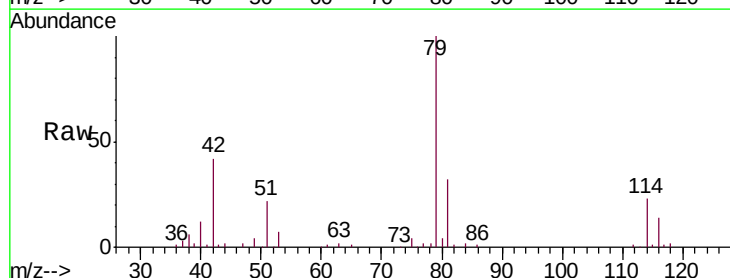
Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F5

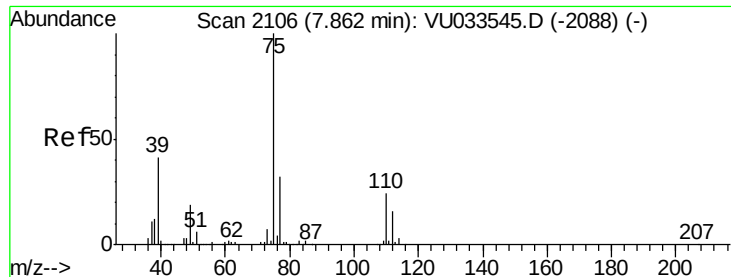
Tgt Ion: 63 Resp: 13463
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.041 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033548.D
 Acq: 01 Aug 2019 14:47

Tgt Ion: 75 Resp: 3631
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033548.D

Acq: 01 Aug 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

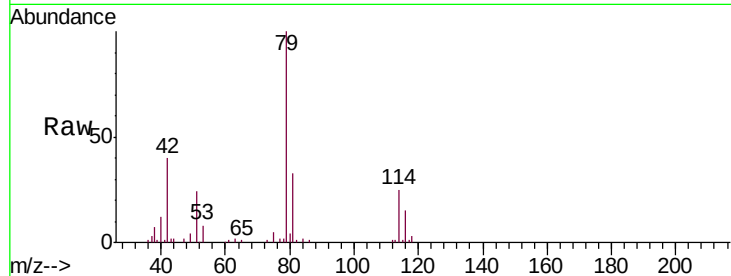
DB9F5

Tgt Ion: 75 Resp: 2445

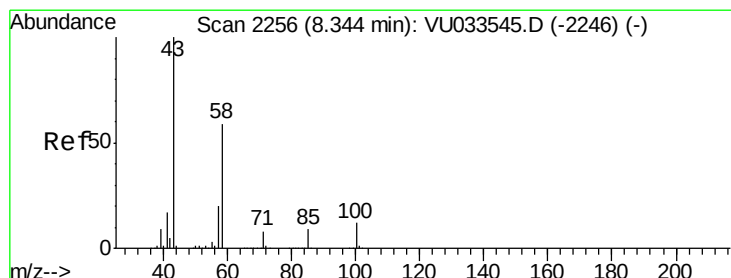
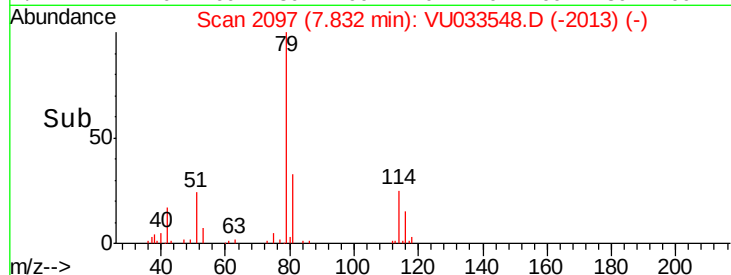
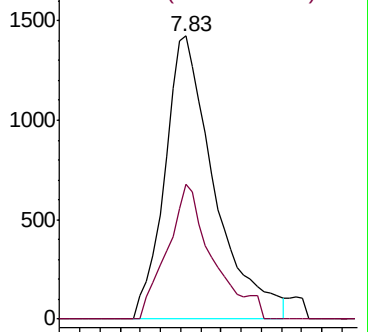
Ion Ratio Lower Upper

75 100

77 47.7 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VU033545.D (-2088) (-)



#48

2-Hexanone

Concen: 5.320 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU033548.D

Acq: 01 Aug 2019 14:47

Tgt Ion: 43 Resp: 13265

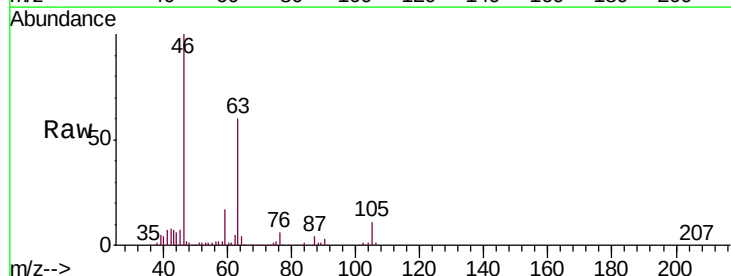
Ion Ratio Lower Upper

43 100

58 30.5 45.8 68.6#

57 31.2 15.8 23.6#

100 0.0 9.4 14.2#

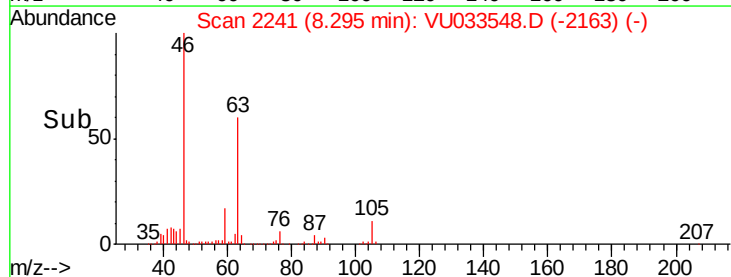
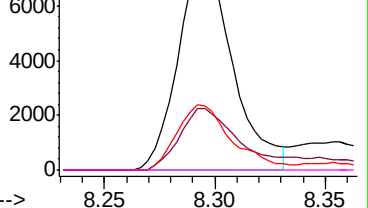


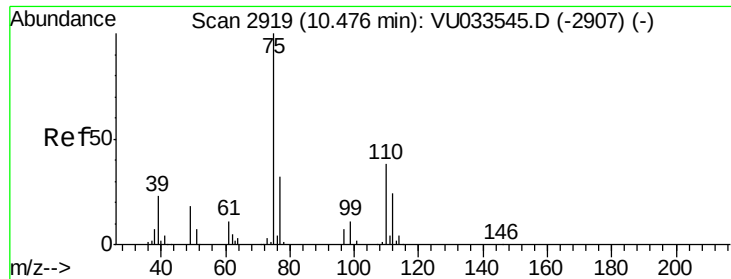
Abundance Ion 43.00 (42.70 to 43.70): VU033545.D (-2246) (-)

Ion 58.00 (57.70 to 58.70): VU033545.D (-2246) (-)

Ion 57.00 (56.70 to 57.70): VU033545.D (-2246) (-)

Ion 100.00 (99.70 to 100.70): VU033545.D (-2246) (-)





#59

1,2,3-Trichloropropane

Concen: 5.303 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033548.D

Acq: 01 Aug 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

DB9F5

Tgt Ion: 75 Resp: 15638

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.6

