

Data File : VU033553.D
Acq On : 01 Aug 2019 16:44
Operator : JC/SP
Sample : K4103-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F3

Quant Time: Aug 02 02:31:58 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	302047	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136251	62.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.08%
7) Chloroethane-d5	1.67	69	126592	67.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	134.38%#
11) 1,1-Dichloroethene-d2	2.26	63	175427	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
21) 2-Butanone-d5	4.16	46	179463	123.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.38%
24) Chloroform-d	4.62	84	206371	56.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.12%
26) 1,2-Dichloroethane-d4	5.29	65	136299	58.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.94%
32) Benzene-d6	5.32	84	432309	57.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.52%
36) 1,2-Dichloropropane-d6	6.31	67	135718	57.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.68%
41) Toluene-d8	7.55	98	384823	54.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.78%
43) trans-1,3-Dichloropropene-	7.83	79	63071	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.44%
47) 2-Hexanone-d5	8.30	63	131860	117.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	199202	54.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	144928	57.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.06%

Target Compounds

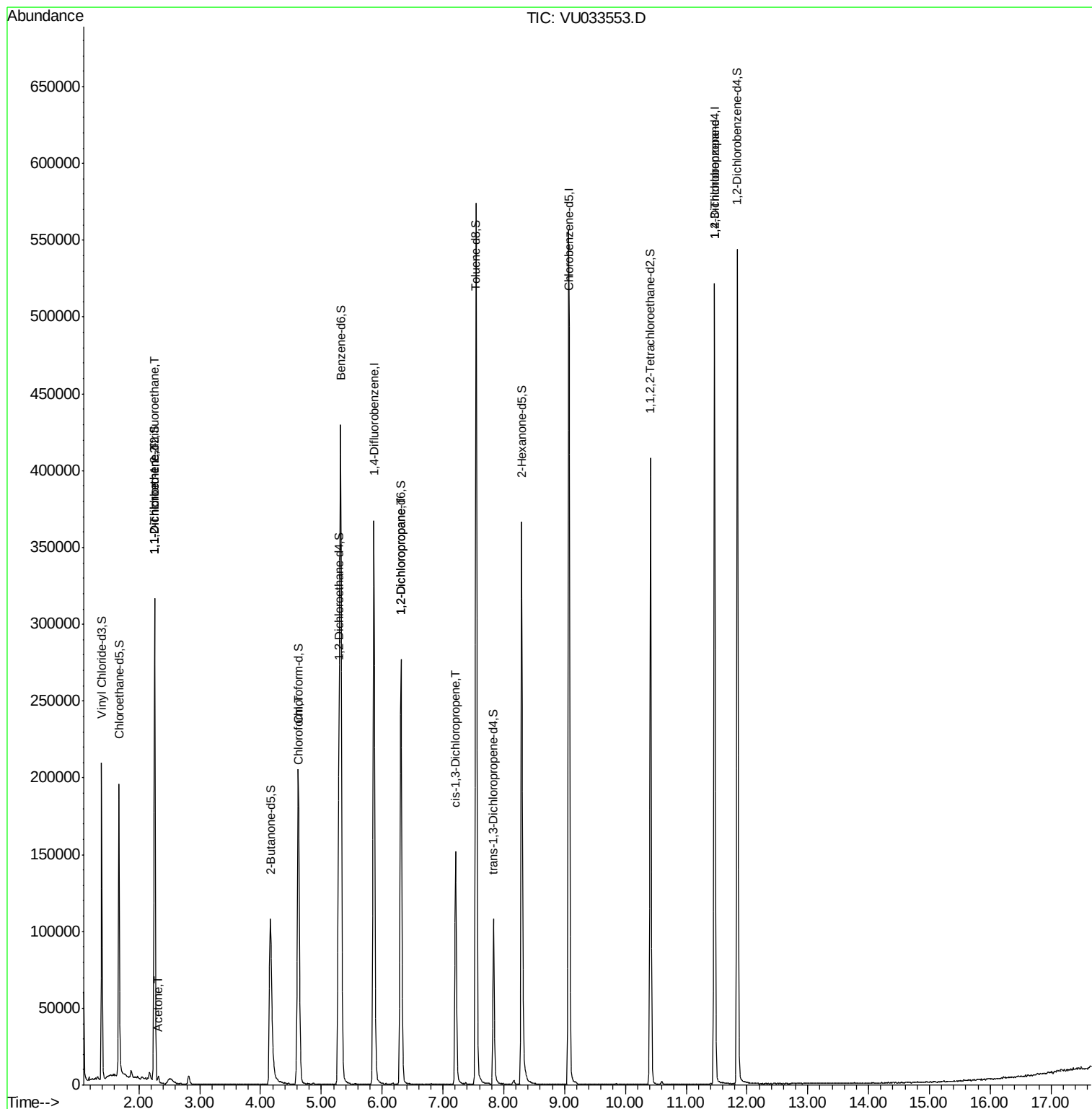
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1804	0.884 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1395	0.713 ug/L #	1
13) Acetone	2.32	43	2988	2.008 ug/L	87
25) Chloroform	4.64	83	2655	0.656 ug/L	83
37) 1,2-Dichloropropane	6.31	63	14769	6.280 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3770	1.027 ug/L #	64
59) 1,2,3-Trichloropropene	11.47	75	15662	5.045 ug/L	89

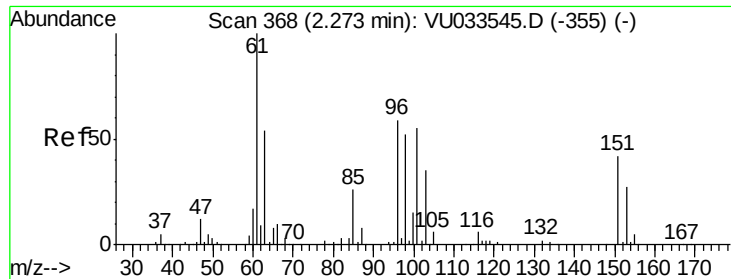
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.884 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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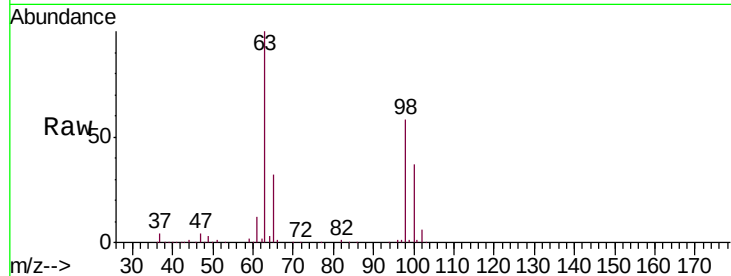
Tgt Ion:101 Resp: 1804

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

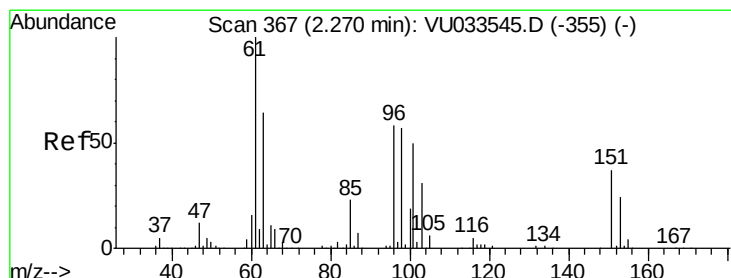
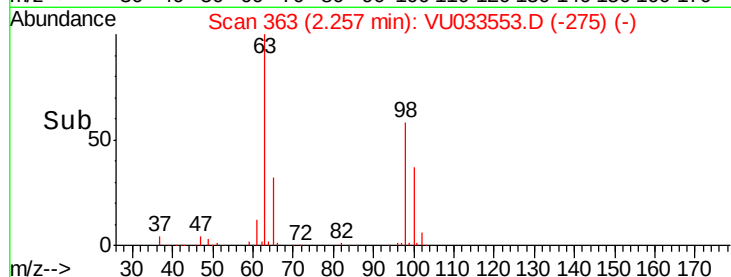
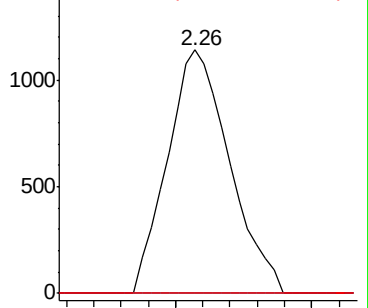
151 0.0 60.1 90.1#



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: 0.713 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033553.D

Acq: 01 Aug 2019 16:44

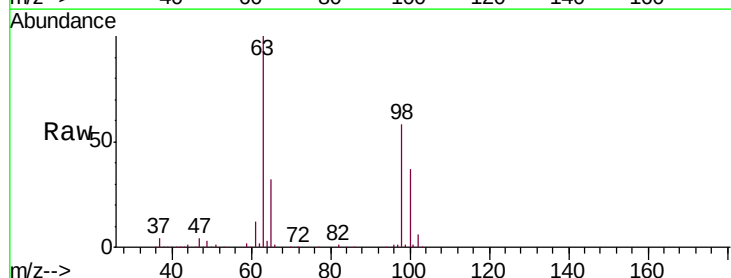
Tgt Ion: 96 Resp: 1395

Ion Ratio Lower Upper

96 100

61 1445.3 119.3 221.5#

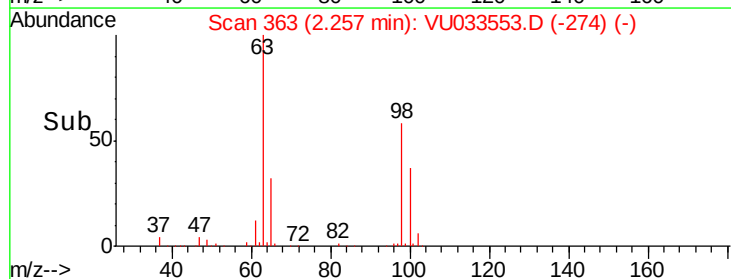
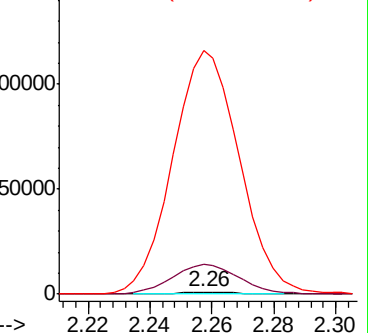
63 11931.8 86.6 160.8#

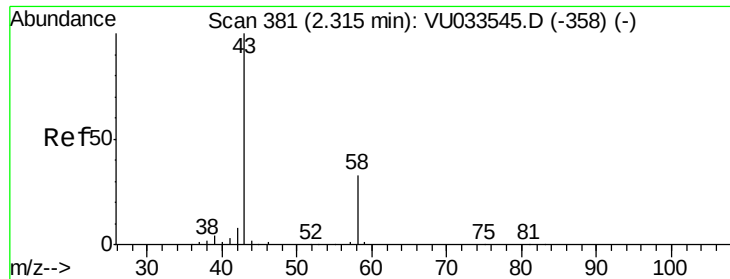


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.008 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU033553.D

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ClientSampleId :

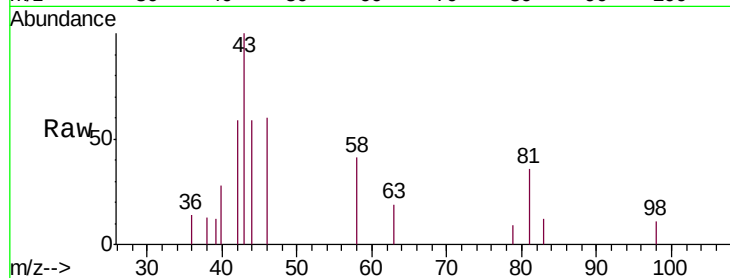
DB9F3

Tgt Ion: 43 Resp: 2988

Ion Ratio Lower Upper

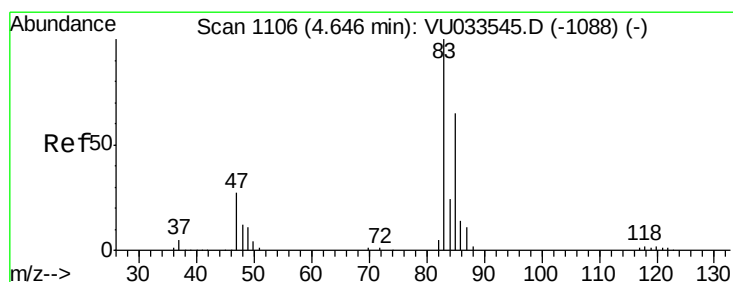
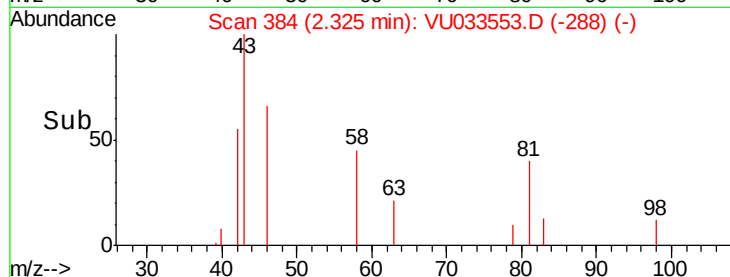
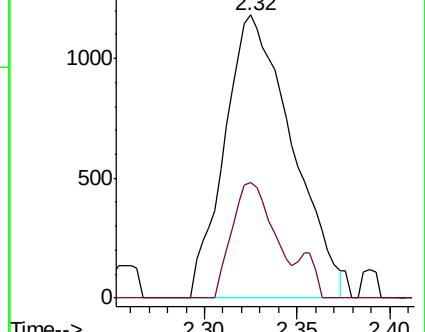
43 100

58 25.6 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033545.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU033545.D (-358) (-)



#25

Chloroform

Concen: 0.656 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VU033553.D

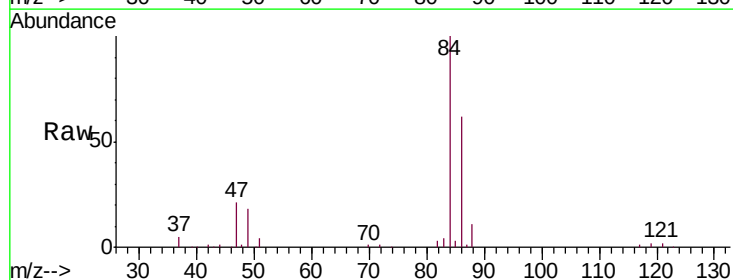
Acq: 01 Aug 2019 16:44

Tgt Ion: 83 Resp: 2655

Ion Ratio Lower Upper

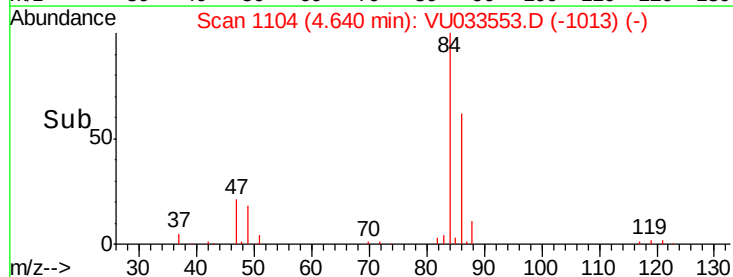
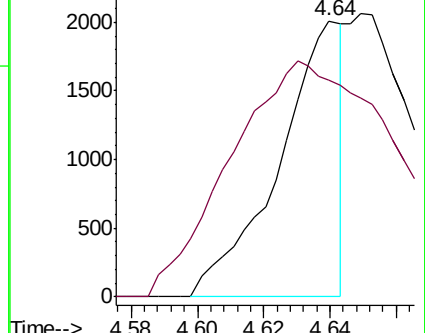
83 100

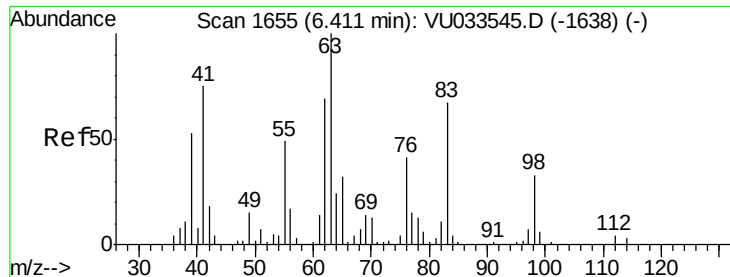
85 78.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VU033545.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033545.D (-1088) (-)

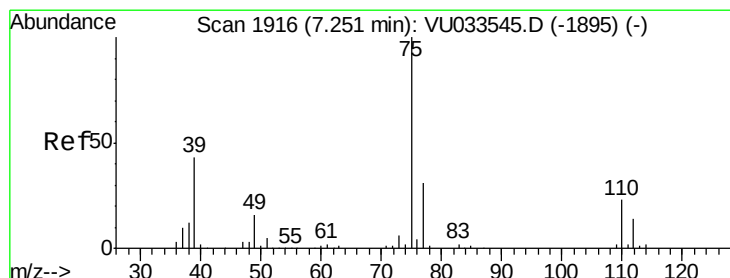
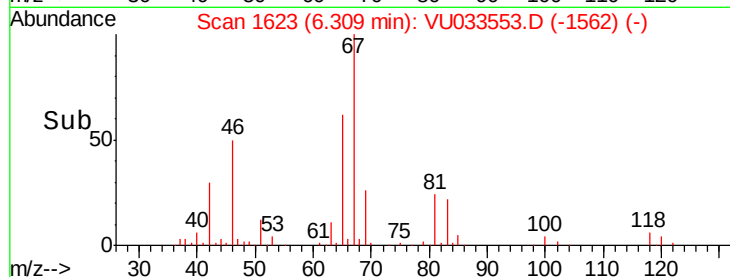
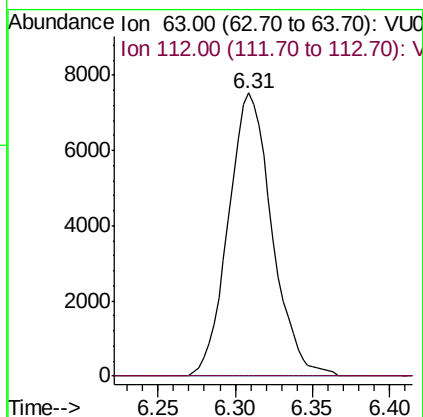
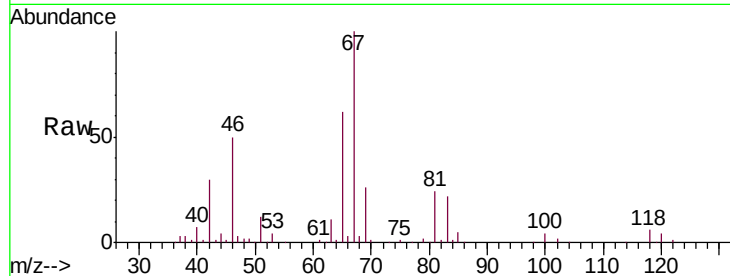




#37
 1,2-Dichloropropane
 Concen: 6.280 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033553.D
 Acq: 01 Aug 2019 16:44

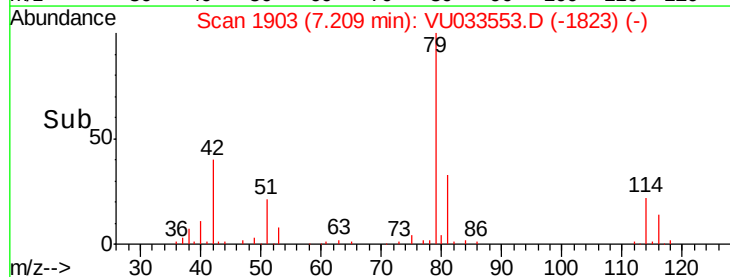
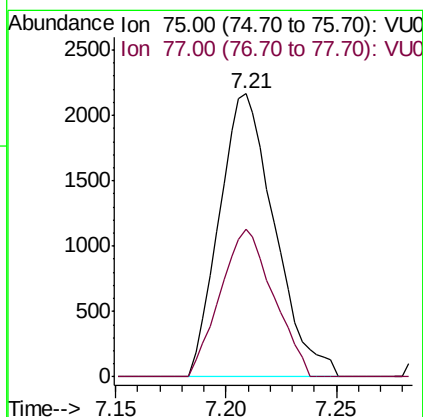
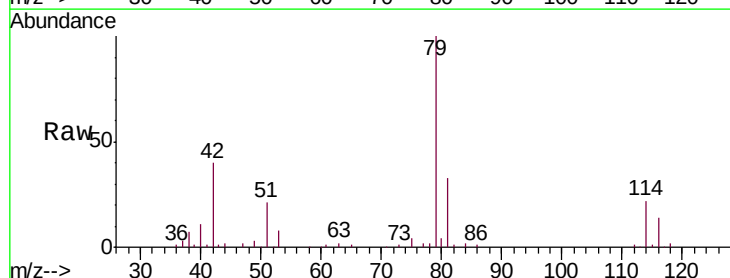
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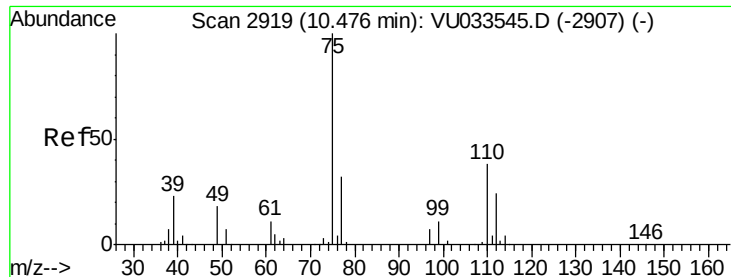
Tgt Ion: 63 Resp: 14769
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.027 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033553.D
 Acq: 01 Aug 2019 16:44

Tgt Ion: 75 Resp: 3770
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.045 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033553.D

Acq: 01 Aug 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

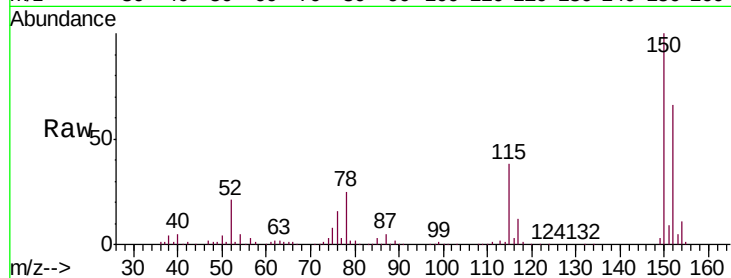
DB9F3

Tgt Ion: 75 Resp: 15662

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

