

Data File : VU033516.D
Acq On : 31 Jul 2019 11:30
Operator : JC/SP
Sample : K4103-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9D9

Quant Time: Aug 01 07:24:10 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	310642	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	114850	50.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.70%
7) Chloroethane-d5	1.67	69	101917	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.18%
11) 1,1-Dichloroethene-d2	2.26	63	153002	37.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.66%
21) 2-Butanone-d5	4.15	46	160222	107.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.11%
24) Chloroform-d	4.62	84	203577	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.54%
26) 1,2-Dichloroethane-d4	5.29	65	131544	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.74%
32) Benzene-d6	5.32	84	412313	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.92%
36) 1,2-Dichloropropane-d6	6.31	67	132572	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.55	98	372207	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%
43) trans-1,3-Dichloropropene-	7.83	79	61294	51.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.18%
47) 2-Hexanone-d5	8.30	63	118897	104.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.55%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	191612	51.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	142850	55.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.74%

Target Compounds

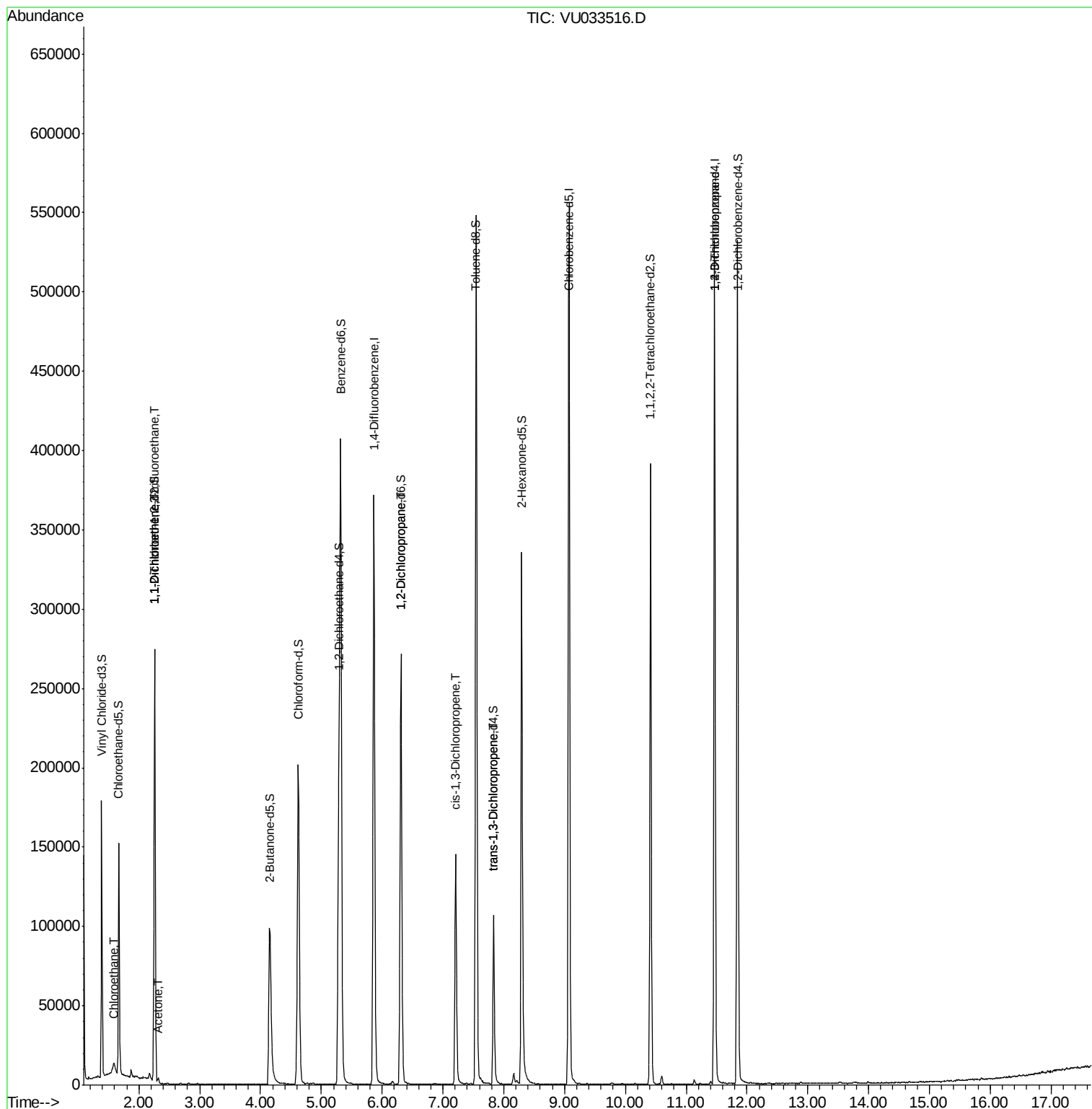
					Qvalue	
8) Chloroethane	1.58	64	1039	0.541	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1411	0.673	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1467	0.729	ug/L #	1
13) Acetone	2.31	43	1083	0.708	ug/L	92
37) 1,2-Dichloropropane	6.31	63	14670	6.164	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3756	1.011	ug/L #	70
44) trans-1,3-Dichloropropene	7.83	75	2876	0.857	ug/L	83
59) 1,2,3-Trichloropropane	11.47	75	16893	5.377	ug/L	90

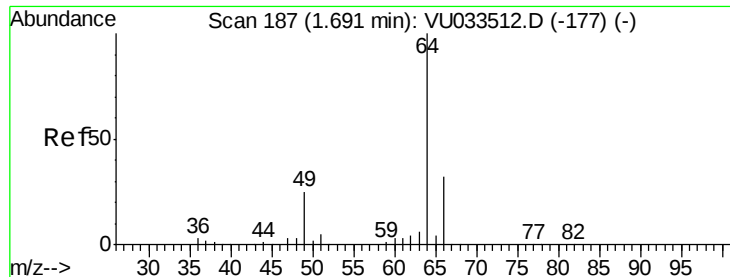
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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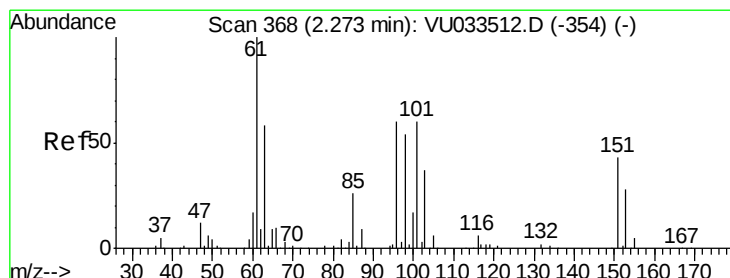
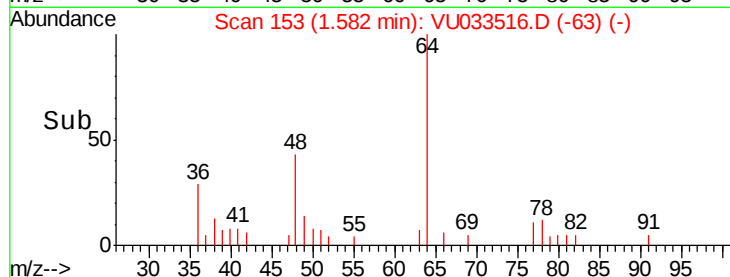
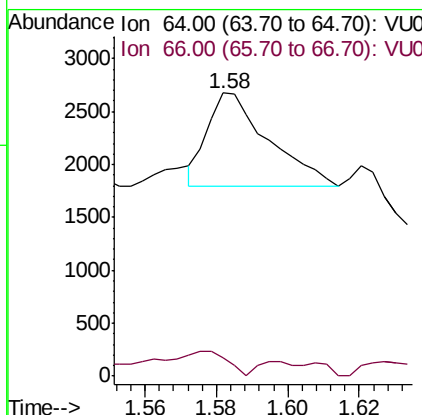
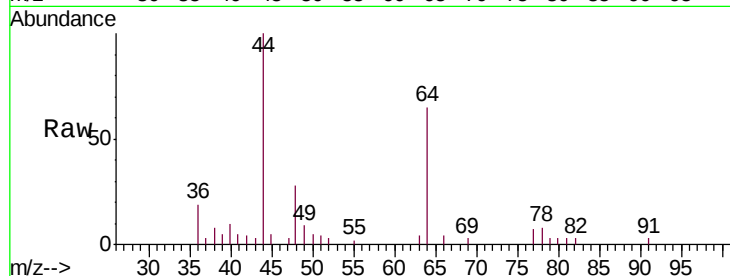




#8
Chloroethane
Concen: 0.541 ug/L
RT: 1.58 min Scan# 153
Delta R.T. -0.11 min
Lab File: VU033516.D
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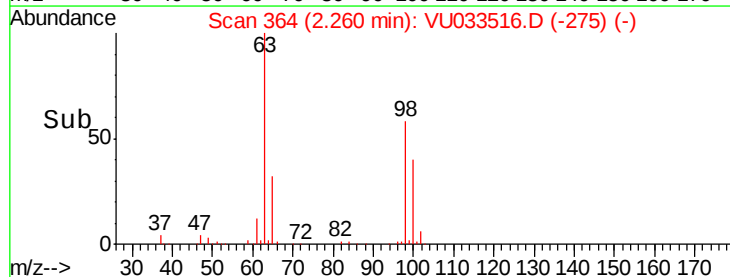
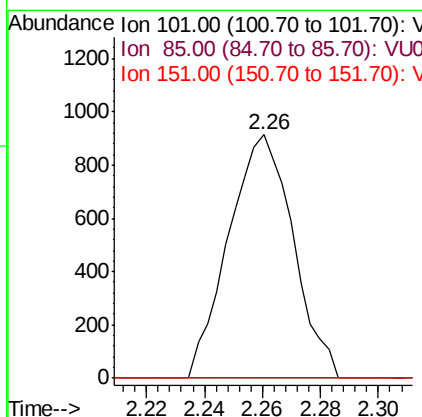
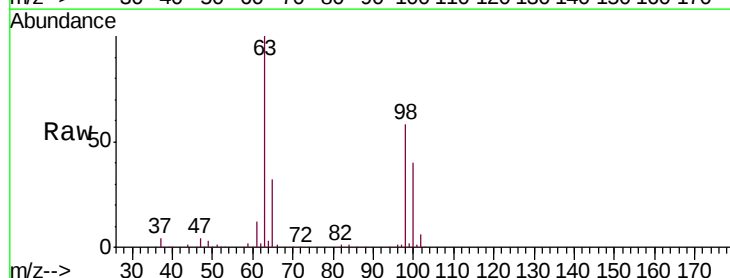
Instrument :
MSVOA_U
ClientSampleId :
DB9D9

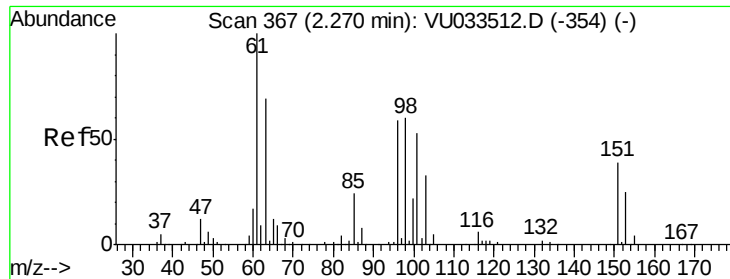
Tgt Ion: 64 Resp: 1039
Ion Ratio Lower Upper
64 100
66 6.4 21.1 39.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.673 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033516.D
Acq: 31 Jul 2019 11:30

Tgt Ion: 101 Resp: 1411
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.8#
151 0.0 60.1 90.1#

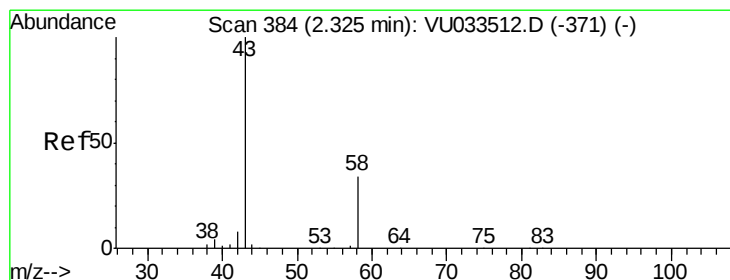
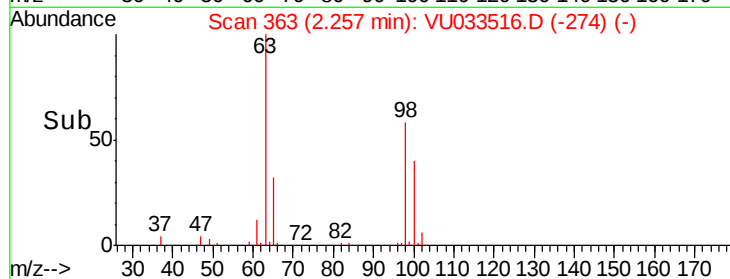
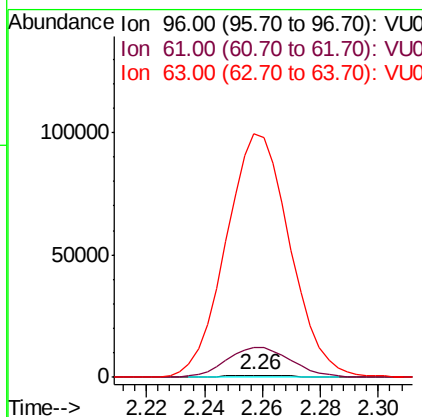
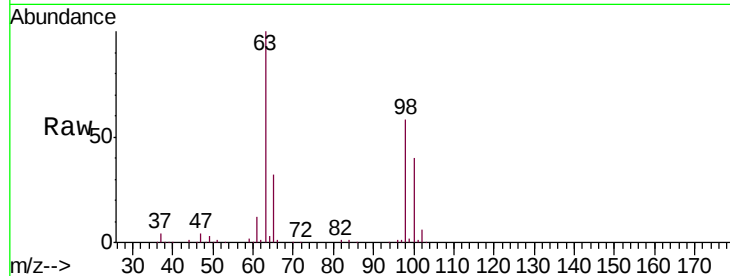




#12
 1,1-Dichloroethene
 Concen: 0.729 ug/L
 RT: 2.26 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VU033516.D
 Acq: 31 Jul 2019 11:30

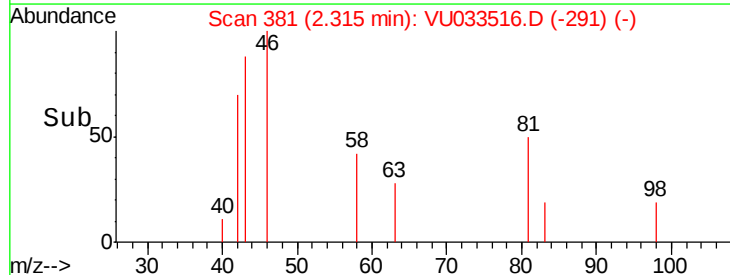
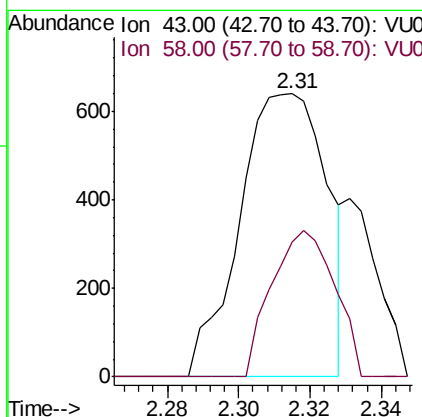
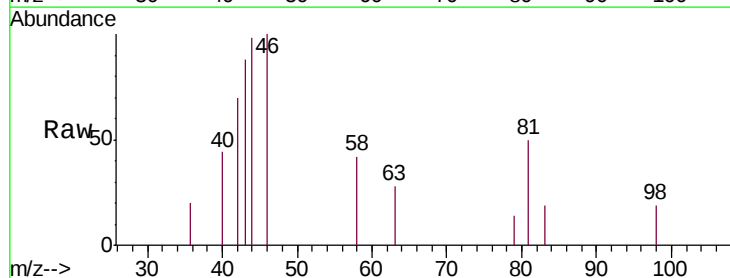
Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D9

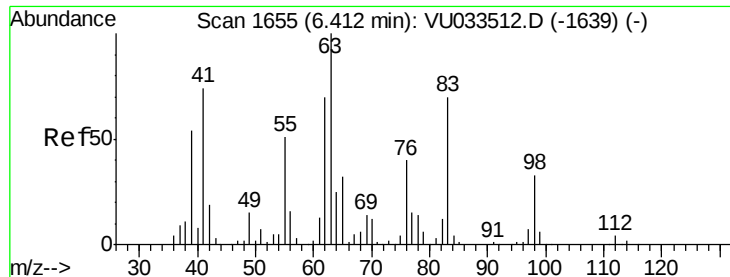
Tgt Ion: 96 Resp: 1467
 Ion Ratio Lower Upper
 96 100
 61 1356.2 119.3 221.5#
 63 11078.0 86.6 160.8#



#13
 Acetone
 Concen: 0.708 ug/L
 RT: 2.31 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VU033516.D
 Acq: 31 Jul 2019 11:30

Tgt Ion: 43 Resp: 1083
 Ion Ratio Lower Upper
 43 100
 58 37.4 0.0 66.2

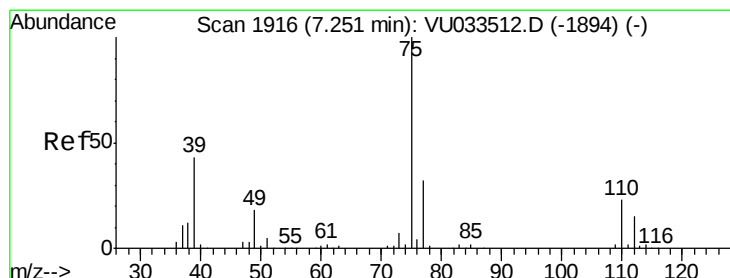
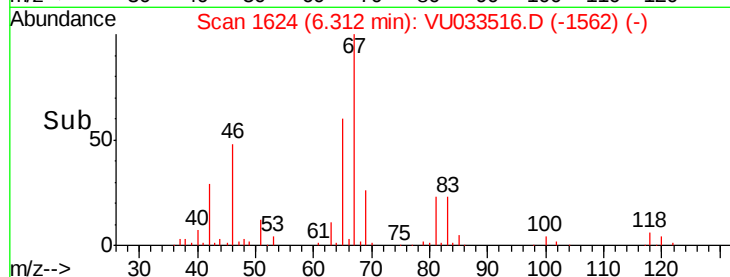
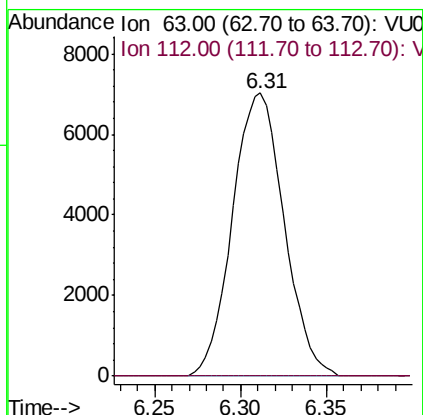
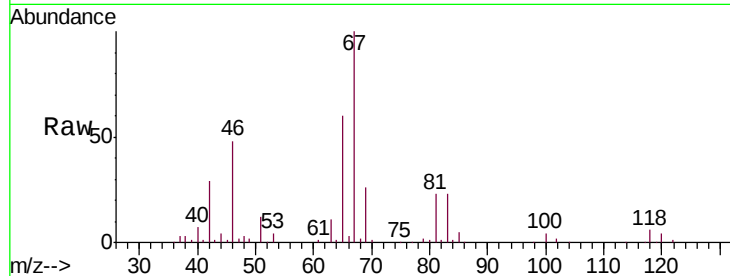




#37
 1,2-Dichloropropane
 Concen: 6.164 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033516.D
 Acq: 31 Jul 2019 11:30

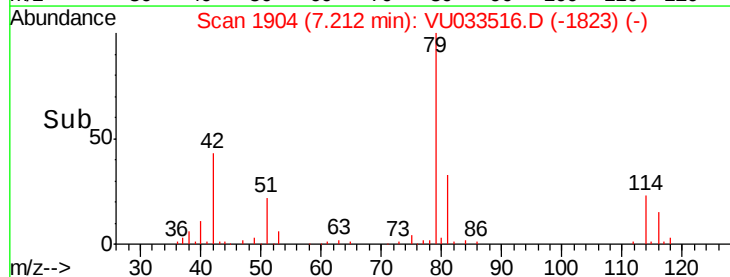
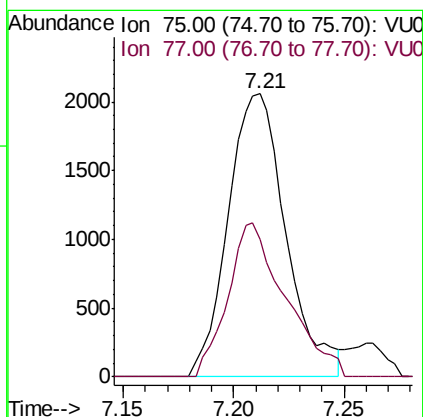
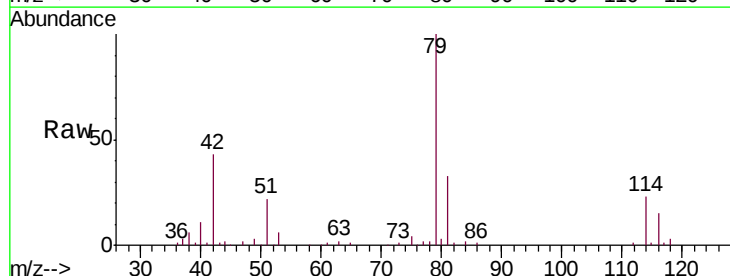
Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D9

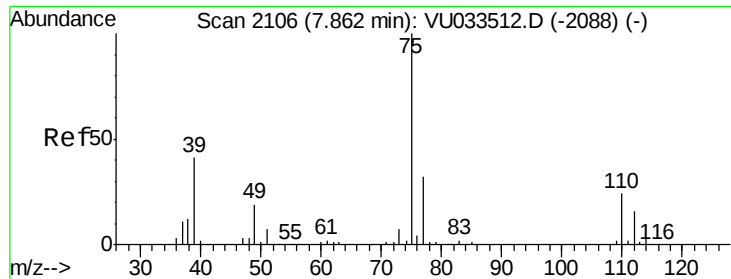
Tgt Ion: 63 Resp: 14670
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033516.D
 Acq: 31 Jul 2019 11:30

Tgt Ion: 75 Resp: 3756
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.857 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033516.D

Acq: 31 Jul 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

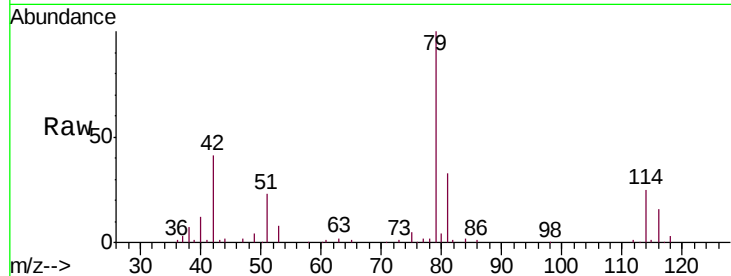
DB9D9

Tgt Ion: 75 Resp: 2876

Ion Ratio Lower Upper

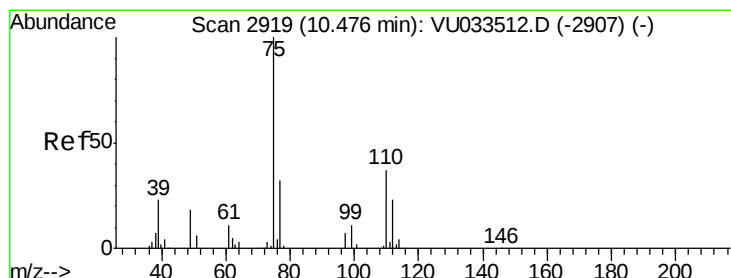
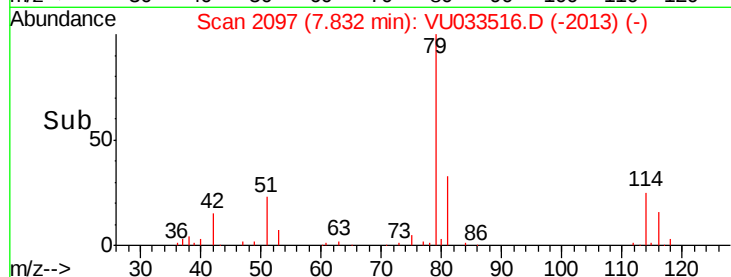
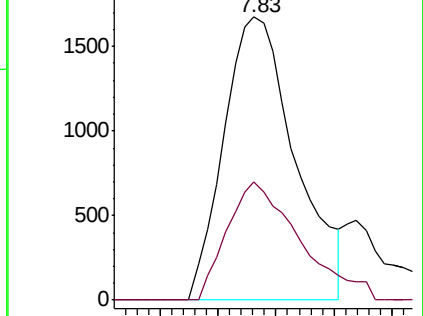
75 100

77 41.7 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU033512.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033512.D (-2088) (-)



#59

1,2,3-Trichloropropane

Concen: 5.377 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033516.D

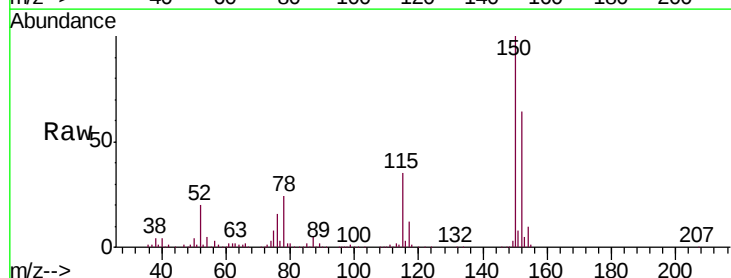
Acq: 31 Jul 2019 11:30

Tgt Ion: 75 Resp: 16893

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU033512.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033512.D (-2907) (-)

