

Data File : VU030255.D
Acq On : 21 Mar 2019 11:12
Operator : JC/SP
Sample : K2022-02RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0969

Quant Time: Mar 22 04:06:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	532924	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235033	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	172122	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.52%
7) Chloroethane-d5	1.68	69	139239	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.64%
11) 1,1-Dichloroethene-d2	2.27	63	231206	35.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.34%
21) 2-Butanone-d5	4.17	46	234500	87.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.65	84	290010	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
26) 1,2-Dichloroethane-d4	5.31	65	170605	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.34	84	640793	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.33	67	198221	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.56	98	583112	45.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.42%
43) trans-1,3-Dichloropropene-	7.85	79	88935	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.31	63	191833	88.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280483	43.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	225416	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%

Target Compounds

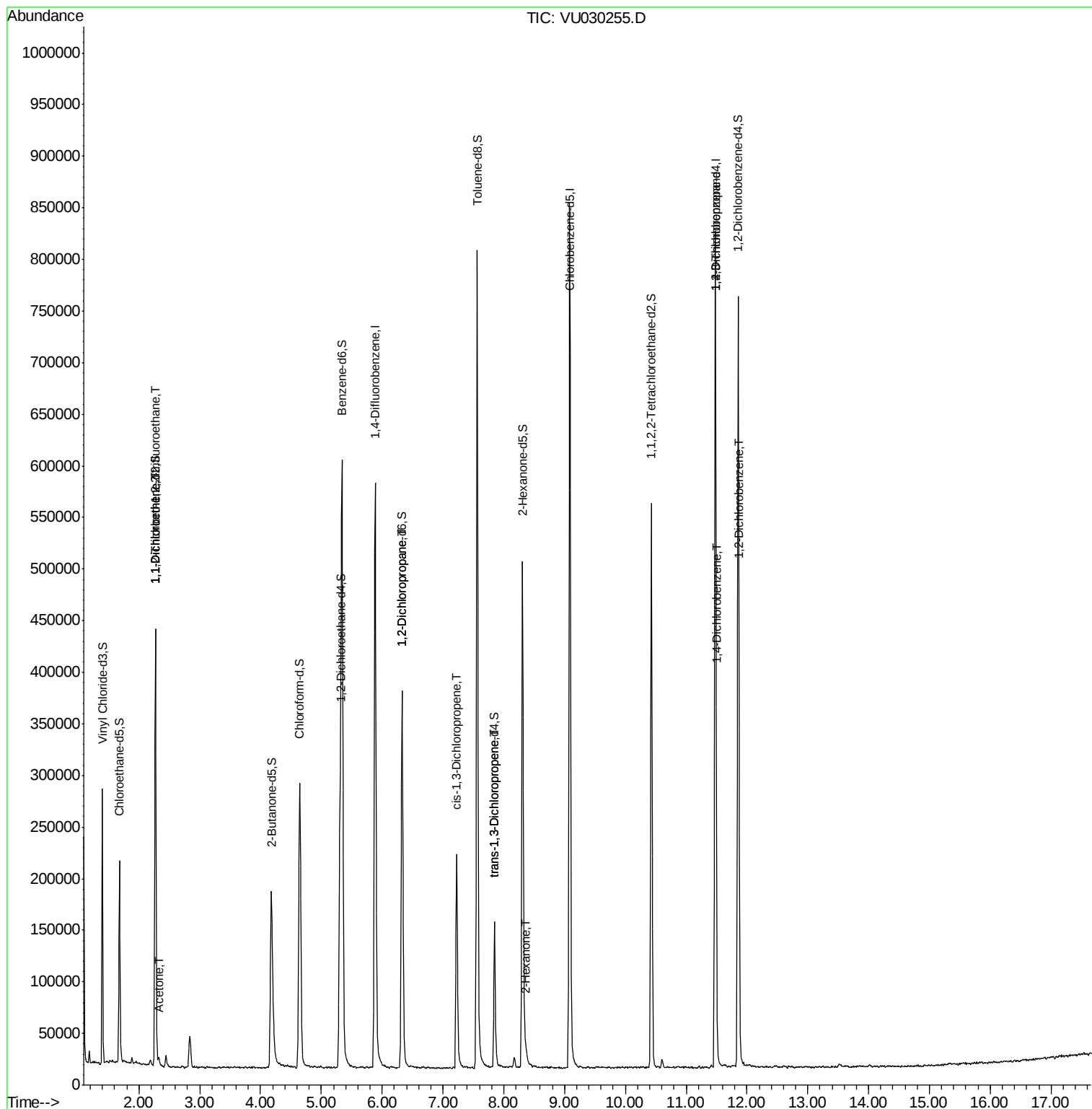
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2345	0.655 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2281	0.642 ug/L #	1
13) Acetone	2.32	43	5409	1.936 ug/L	90
37) 1,2-Dichloropropane	6.33	63	18861	4.957 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	4686	0.768 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	3733	0.707 ug/L	96
48) 2-Hexanone	8.36	43	5345	1.232 ug/L #	38
59) 1,2,3-Trichloropropane	11.48	75	24302	4.726 ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	4924	0.633 ug/L #	78
65) 1,2-Dichlorobenzene	11.88	146	6322	0.825 ug/L	92

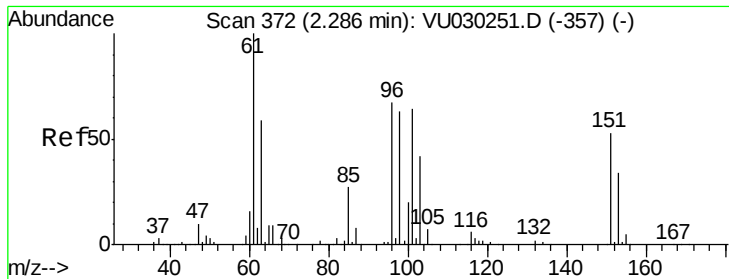
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030255.D
Acq On : 21 Mar 2019 11:12
Operator : JC/SP
Sample : K2022-02RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C0969

Quant Time: Mar 22 04:06:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration





#10

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

Concen: 0.655 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030255.D

Acq: 21 Mar 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

C0969

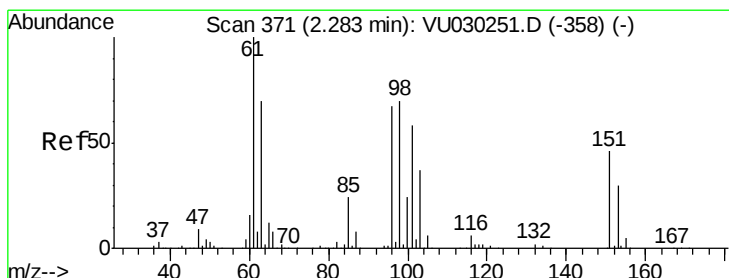
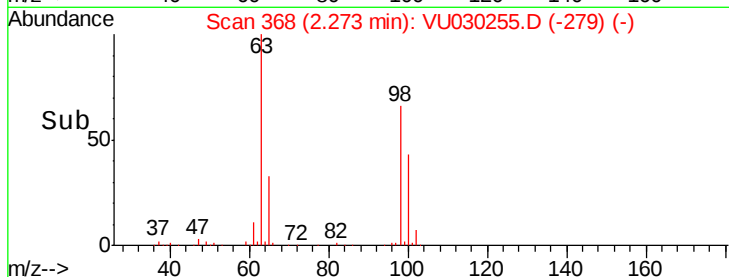
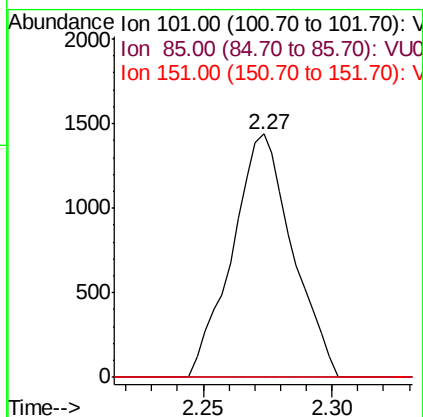
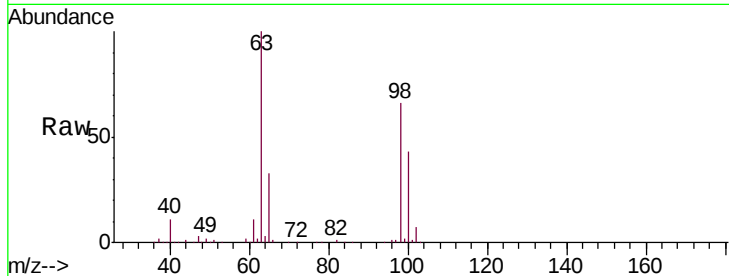
Tgt Ion: 101 Resp: 2345

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#



#12

1,1-Dichloroethene

Concen: 0.642 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030255.D

Acq: 21 Mar 2019 11:12

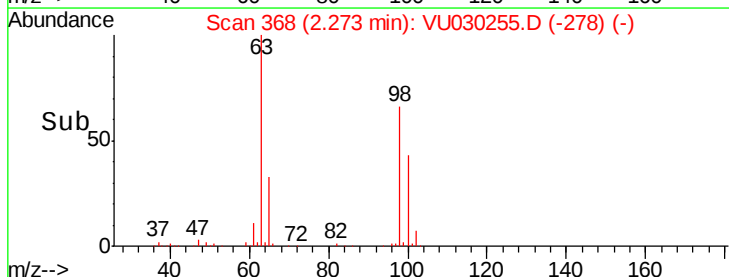
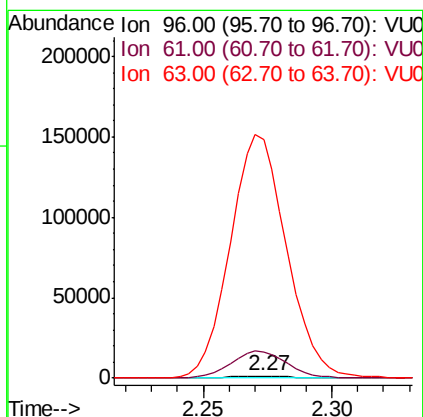
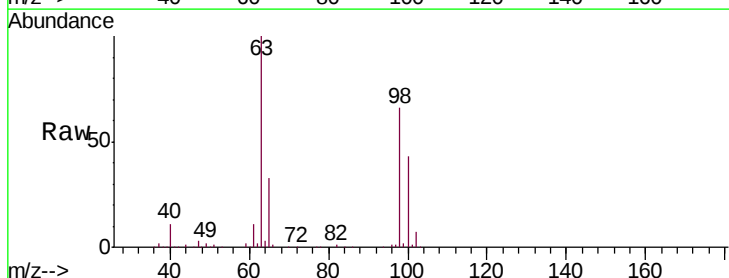
Tgt Ion: 96 Resp: 2281

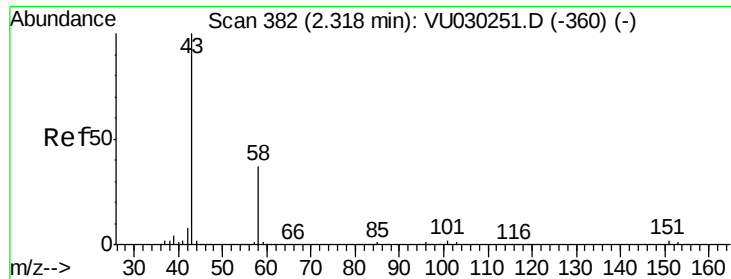
Ion Ratio Lower Upper

96 100

61 1171.1 104.6 194.2#

63 10479.3 77.2 143.4#





#13

Acetone

Concen: 1.936 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030255.D

Acq: 21 Mar 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

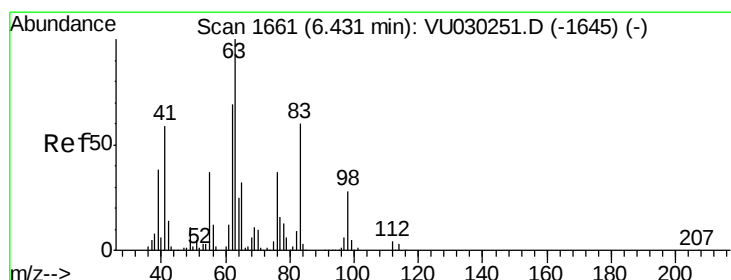
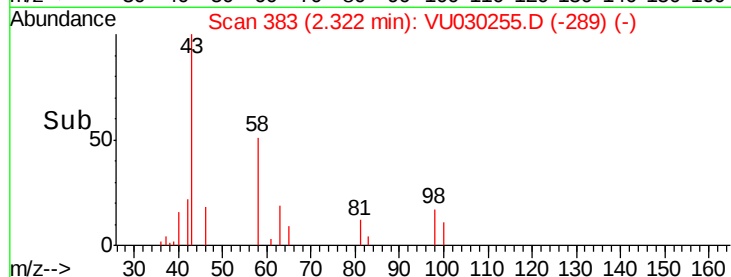
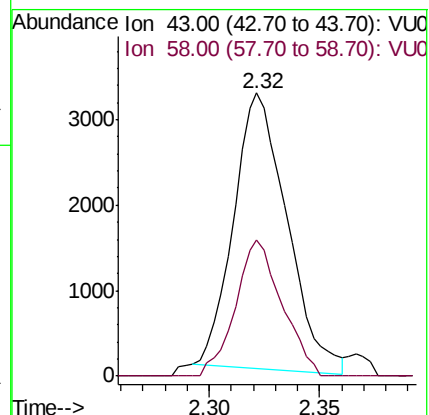
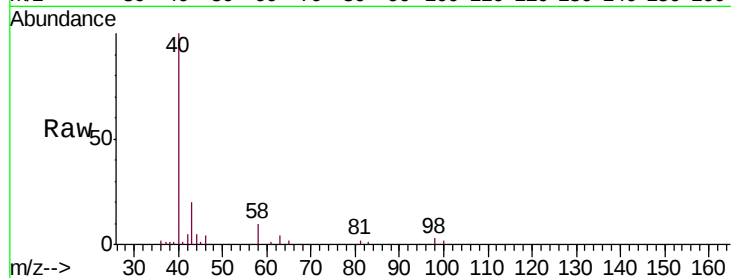
C0969

Tgt Ion: 43 Resp: 5409

Ion Ratio Lower Upper

43 100

58 42.9 0.0 73.4



#37

1,2-Dichloropropane

Concen: 4.957 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030255.D

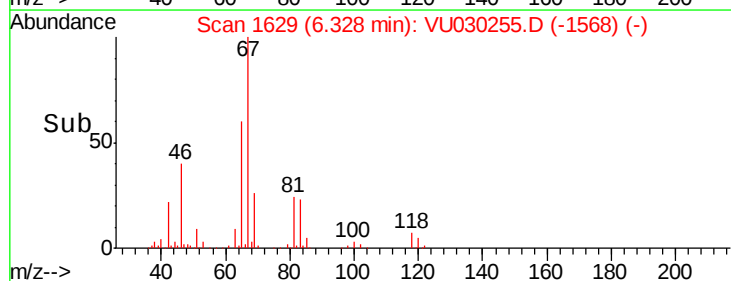
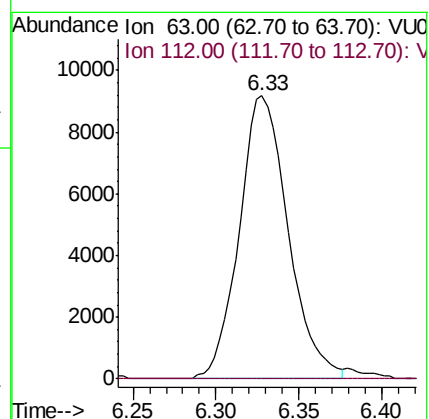
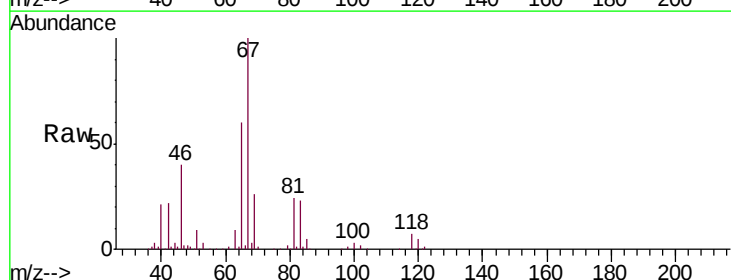
Acq: 21 Mar 2019 11:12

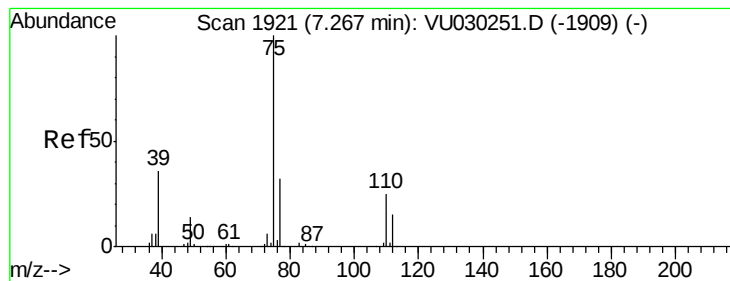
Tgt Ion: 63 Resp: 18861

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



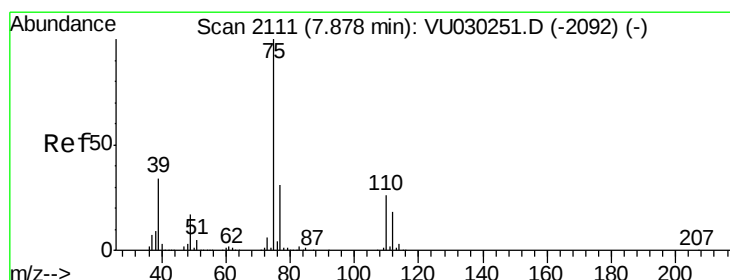
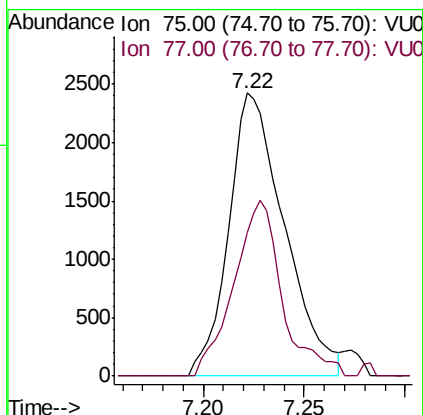
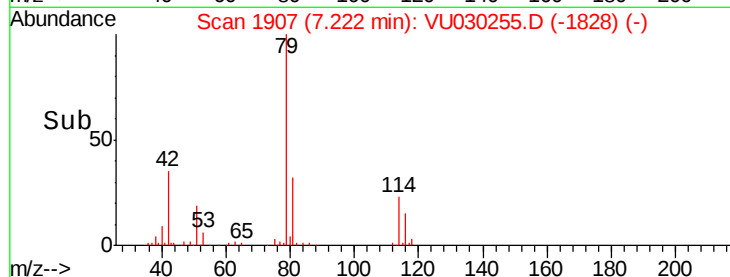
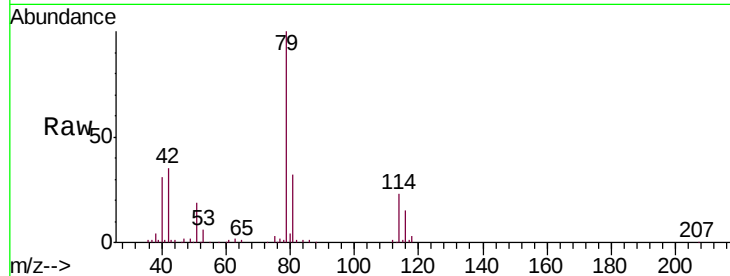


#39

cis-1,3-Dichloropropene
Concen: 0.768 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU030255.D
Acq: 21 Mar 2019 11:12

Instrument :
MSVOA_U
ClientSampled :
C0969

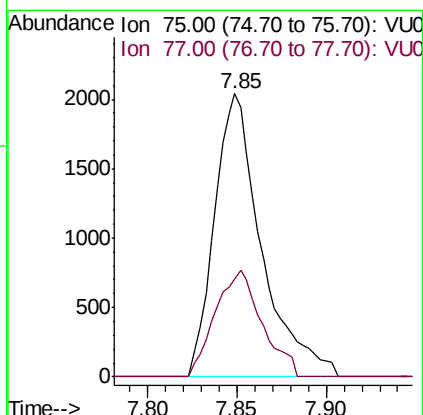
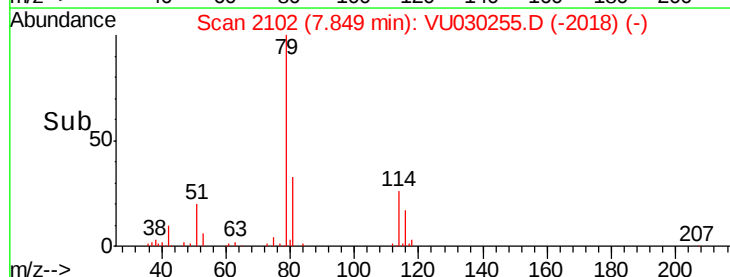
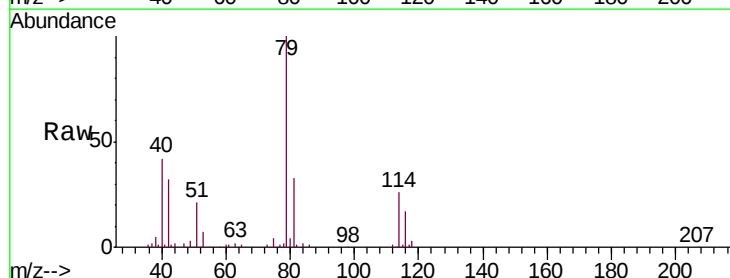
Tgt Ion: 75 Resp: 4686
Ion Ratio Lower Upper
75 100
77 50.8 22.1 41.1#

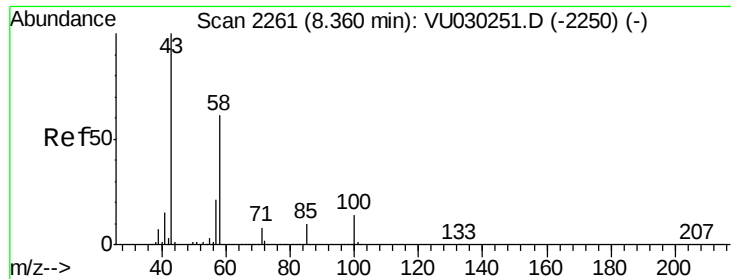


#44

trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030255.D
Acq: 21 Mar 2019 11:12

Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
77 34.8 22.7 42.1

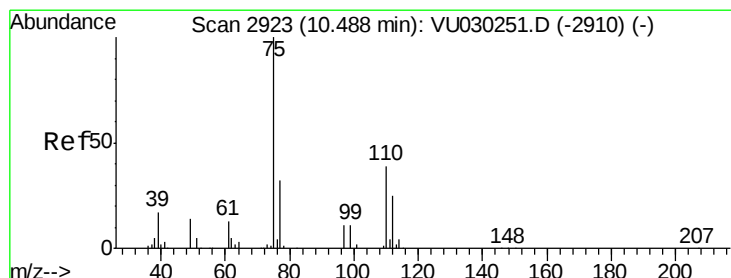
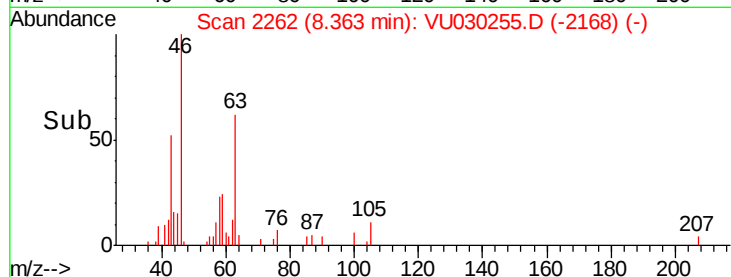
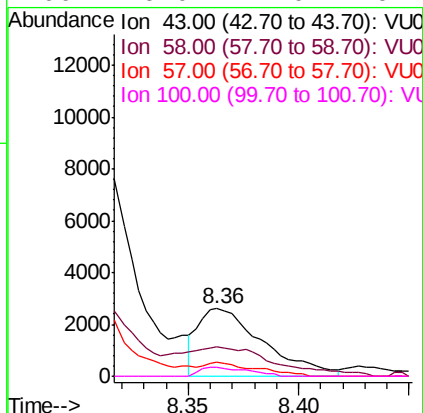
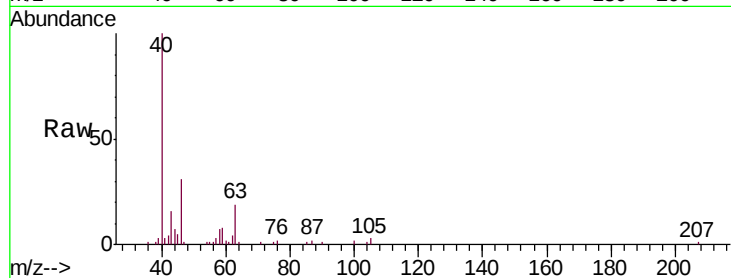




#48
2-Hexanone
Concen: 1.232 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030255.D
Acq: 21 Mar 2019 11:12

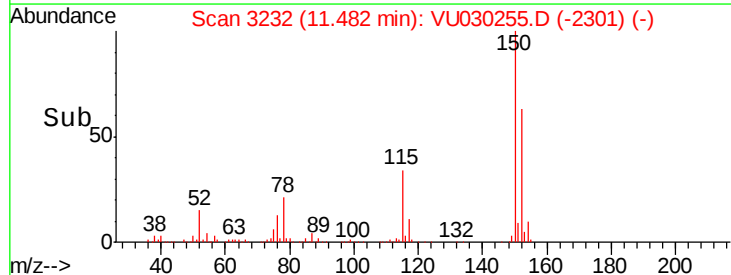
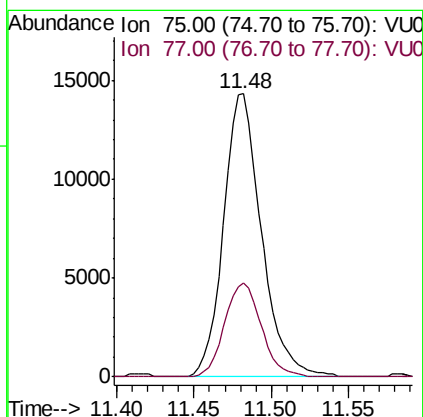
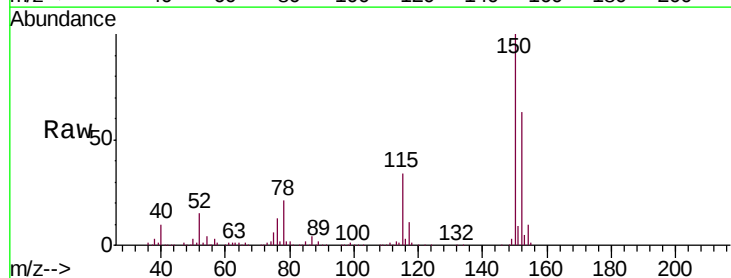
Instrument :
MSVOA_U
ClientSampleId :
C0969

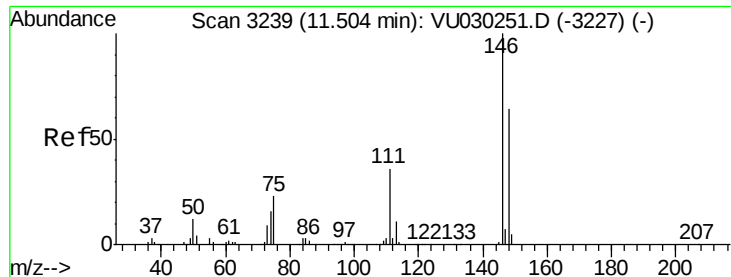
Tgt Ion: 43 Resp: 5345
Ion Ratio Lower Upper
43 100
58 0.0 49.3 73.9#
57 4.7 17.0 25.4#
100 6.0 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.726 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030255.D
Acq: 21 Mar 2019 11:12

Tgt Ion: 75 Resp: 24302
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8

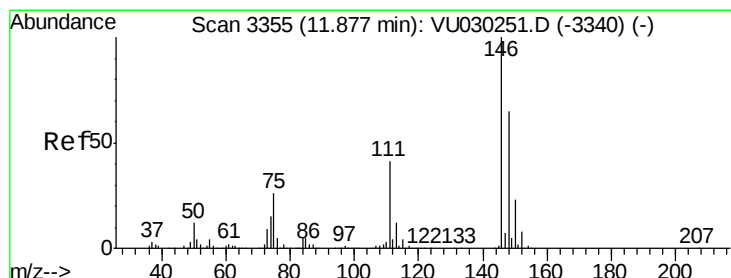
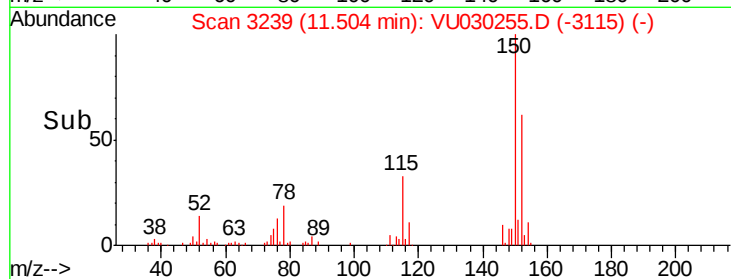
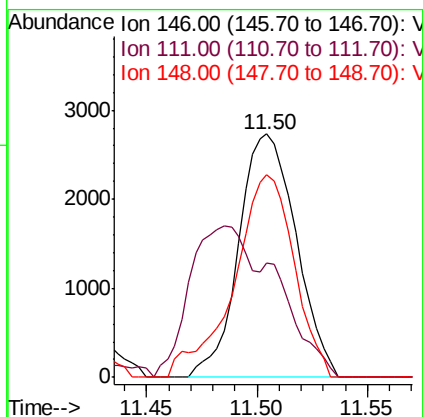
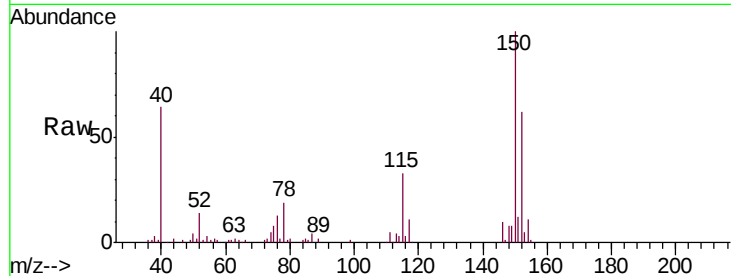




#63
 1,4-Dichlorobenzene
 Concen: 0.633 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030255.D
 Acq: 21 Mar 2019 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C0969

Tgt Ion:146 Resp: 4924
 Ion Ratio Lower Upper
 146 100
 111 46.9 25.3 46.9
 148 83.0 44.7 82.9#



#65
 1,2-Dichlorobenzene
 Concen: 0.825 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030255.D
 Acq: 21 Mar 2019 11:12

Tgt Ion:146 Resp: 6322
 Ion Ratio Lower Upper
 146 100
 111 46.8 31.7 47.5
 148 60.0 52.0 78.0

