

Data File : VU033013.D
Acq On : 24 Jun 2019 18:19
Operator : JC/SP
Sample : K3463-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF62

Quant Time: Jun 25 06:58:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187922	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184125	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61778	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	52867	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.22%
11) 1,1-Dichloroethene-d2	2.27	63	100157	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.42%
21) 2-Butanone-d5	4.17	46	121292	113.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.47%
24) Chloroform-d	4.64	84	129390	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	5.30	65	90976	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.40%
32) Benzene-d6	5.33	84	252547	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.24%
36) 1,2-Dichloropropane-d6	6.32	67	81377	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.44%
41) Toluene-d8	7.56	98	229155	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.85	79	39721	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	72449	101.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.48%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119075	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	89851	52.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.86%

Target Compounds

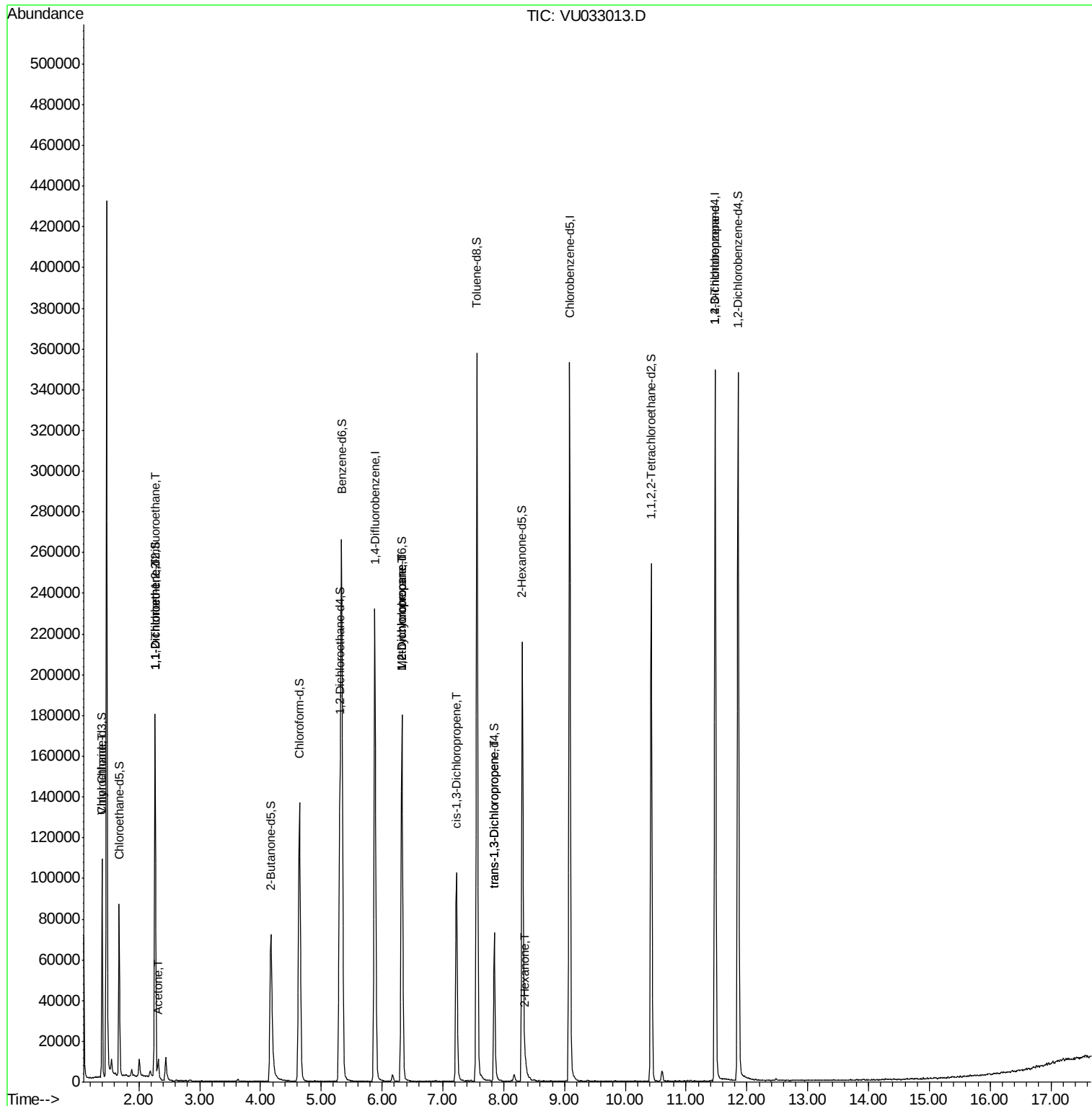
					Qvalue
8) Chloroethane	1.40	64	1059	1.078 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	779	0.620 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	755	0.638 ug/L #	1
13) Acetone	2.32	43	8085	5.476 ug/L	99
35) Methylcyclohexane	6.32	83	18976	8.662 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	9973	6.854 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2855	1.259 ug/L #	53
44) trans-1,3-Dichloropropene	7.84	75	1912	0.898 ug/L	91
48) 2-Hexanone	8.36	43	3425	1.671 ug/L #	51
59) 1,2,3-Trichloropropane	11.48	75	11181	5.758 ug/L #	86

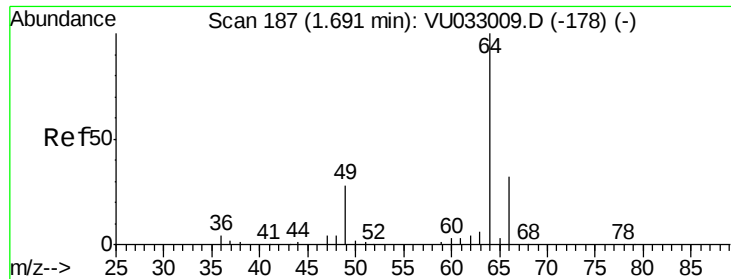
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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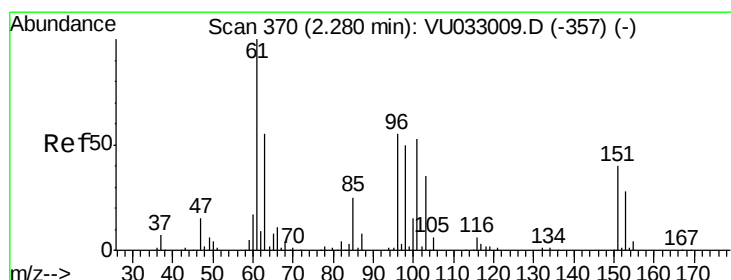
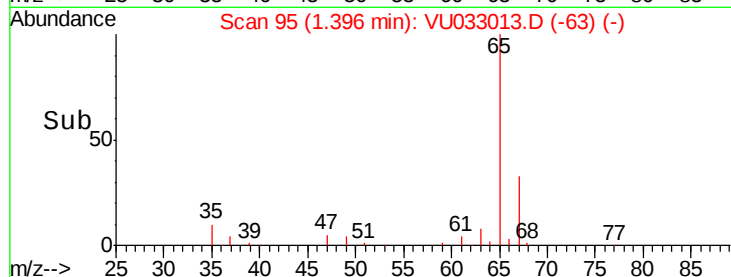
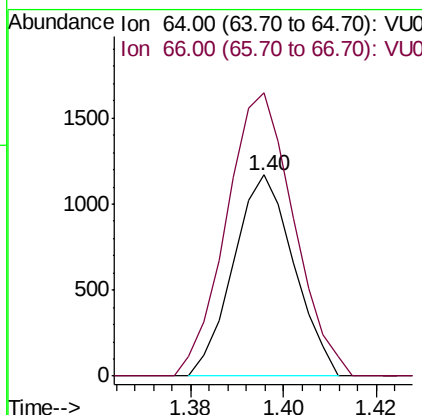
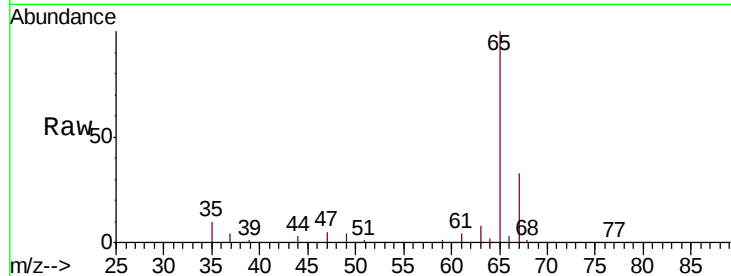




#8
Chloroethane
Concen: 1.078 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU033013.D
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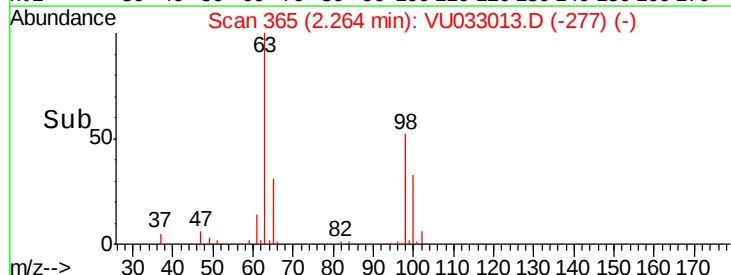
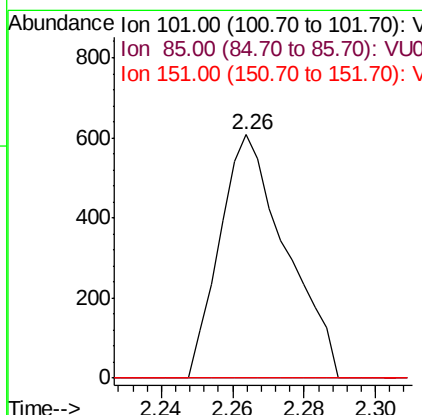
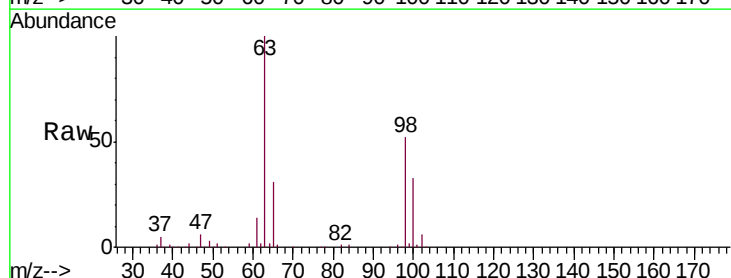
Instrument :
MSVOA_U
ClientSampleId :
ETF62

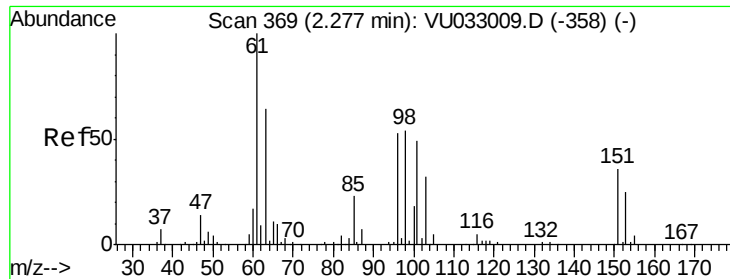
Tgt Ion: 64 Resp: 1059
Ion Ratio Lower Upper
64 100
66 140.7 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.620 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU033013.D
Acq: 24 Jun 2019 18:19

Tgt Ion: 101 Resp: 779
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 63.6 95.4#





#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU033013.D

Acq: 24 Jun 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

ETF62

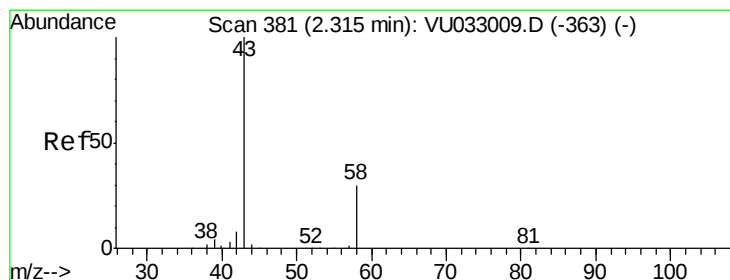
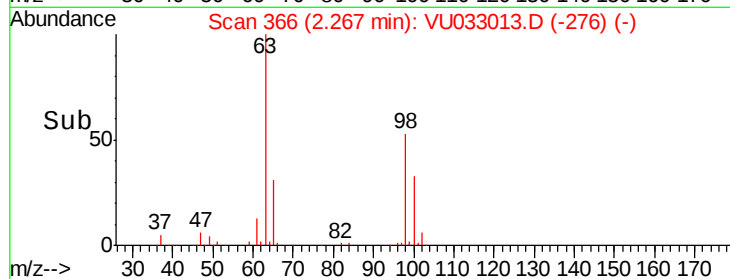
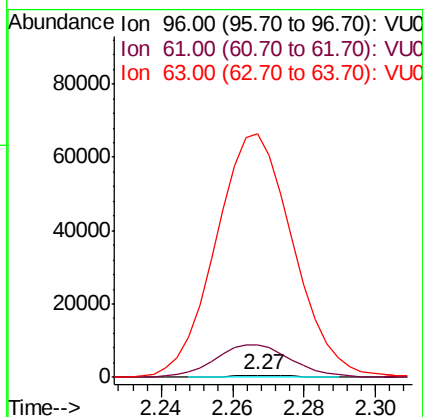
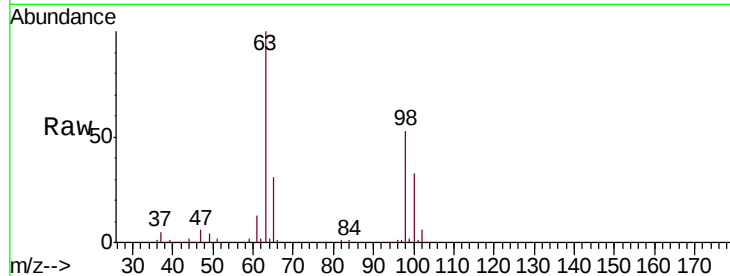
Tgt Ion: 96 Resp: 755

Ion Ratio Lower Upper

96 100

61 1607.8 131.0 243.4#

63 12008.7 101.0 187.6#



#13

Acetone

Concen: 5.476 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033013.D

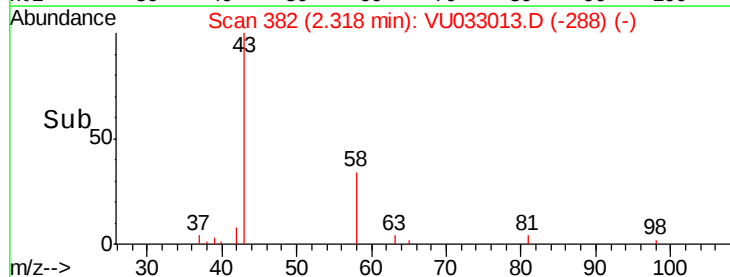
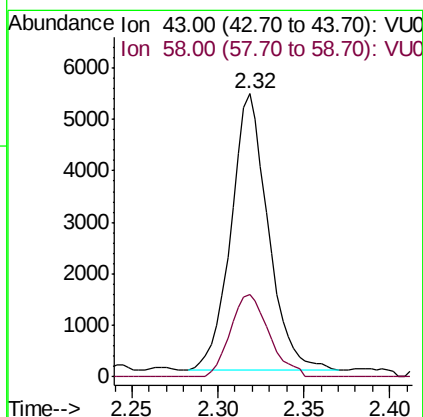
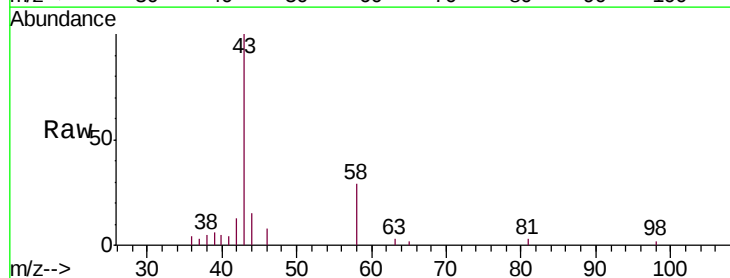
Acq: 24 Jun 2019 18:19

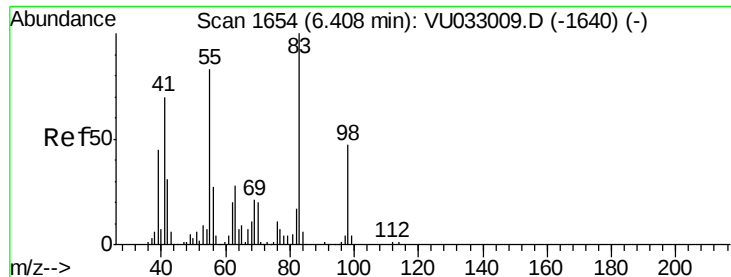
Tgt Ion: 43 Resp: 8085

Ion Ratio Lower Upper

43 100

58 31.1 0.0 60.6

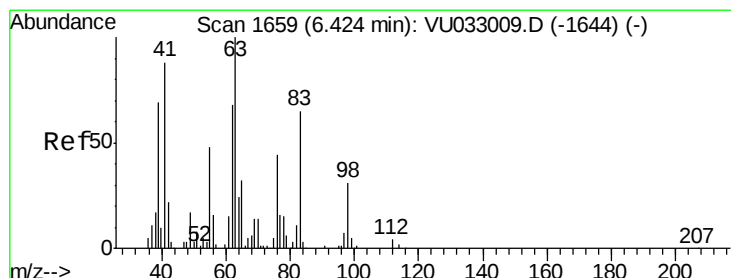
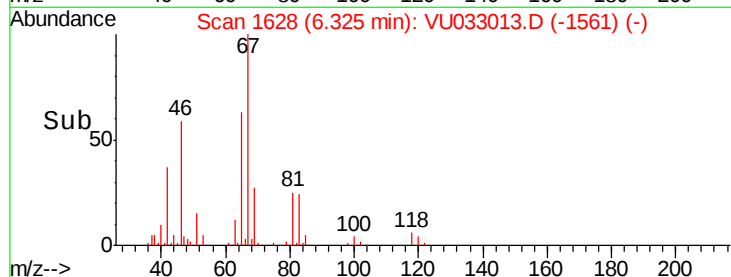
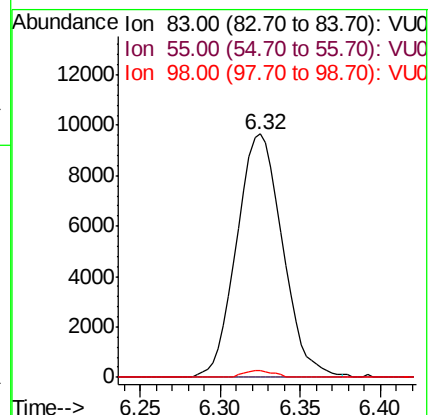
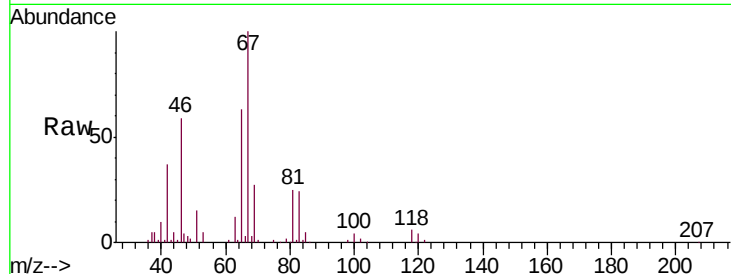




#35
Methylcyclohexane
Concen: 8.662 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033013.D
Acq: 24 Jun 2019 18:19

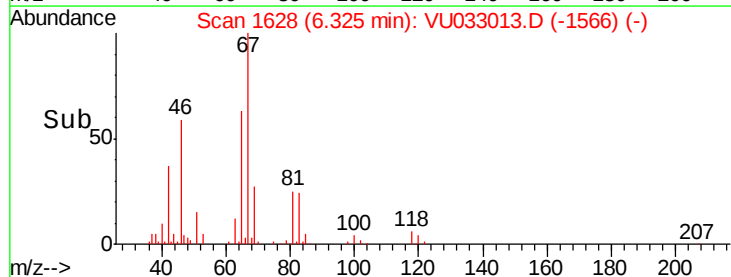
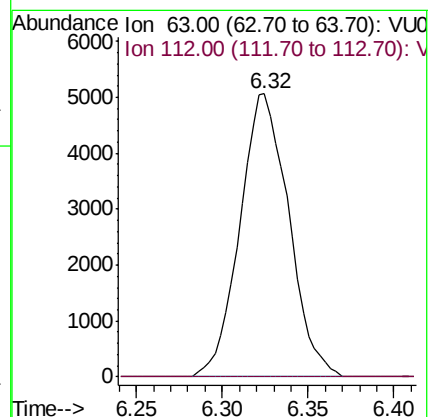
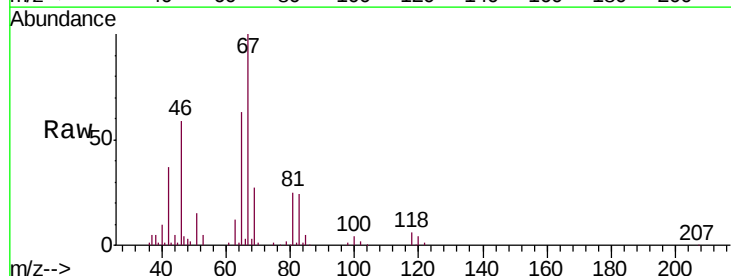
Instrument :
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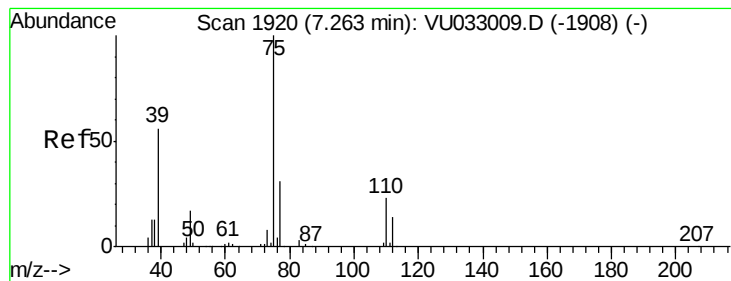
Tgt Ion: 83 Resp: 18976
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.8 37.4 56.0#



#37
1,2-Dichloropropane
Concen: 6.854 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033013.D
Acq: 24 Jun 2019 18:19

Tgt Ion: 63 Resp: 9973
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



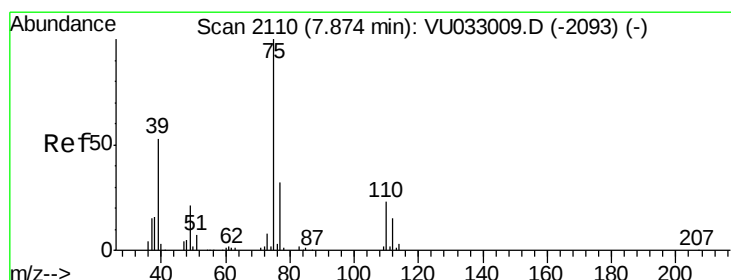
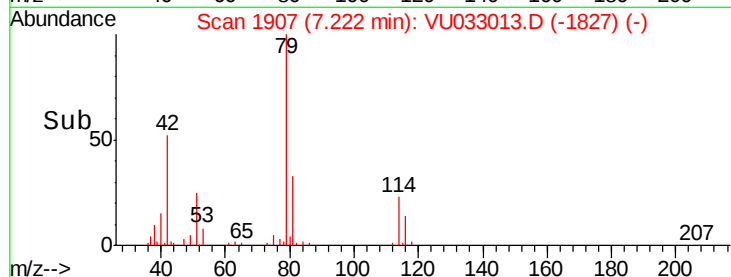
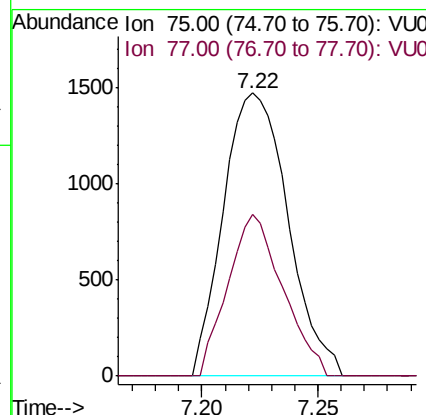
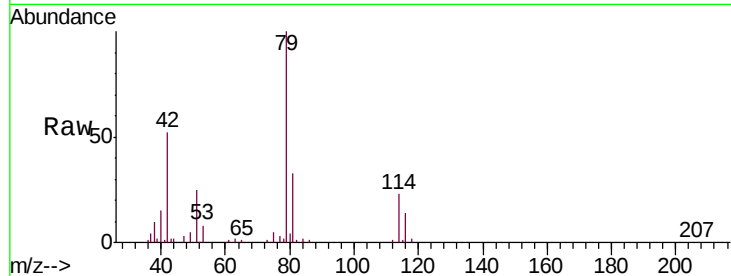


#39

cis-1,3-Dichloropropene
 Concen: 1.259 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033013.D
 Acq: 24 Jun 2019 18:19

Instrument :
 MSVOA_U
 ClientSampled :
 ETF62

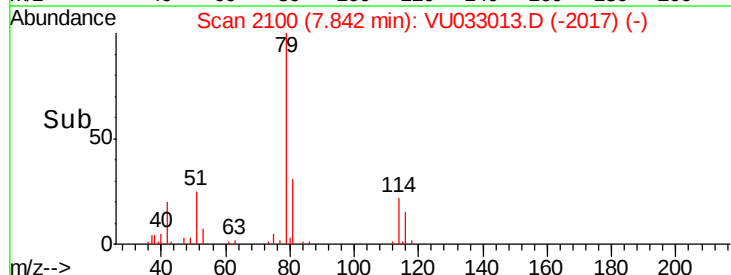
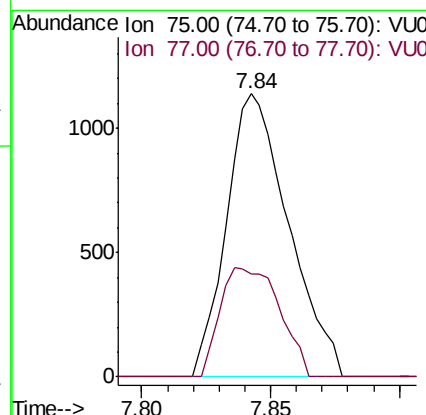
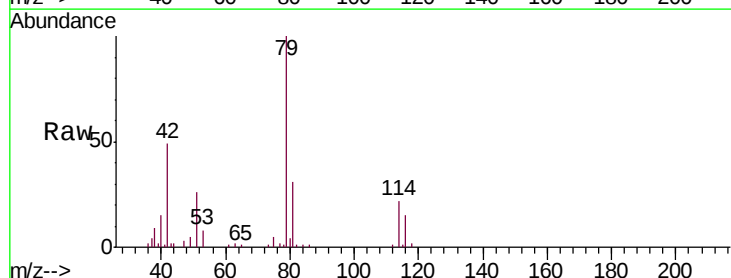
Tgt Ion: 75 Resp: 2855
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.9 40.7#

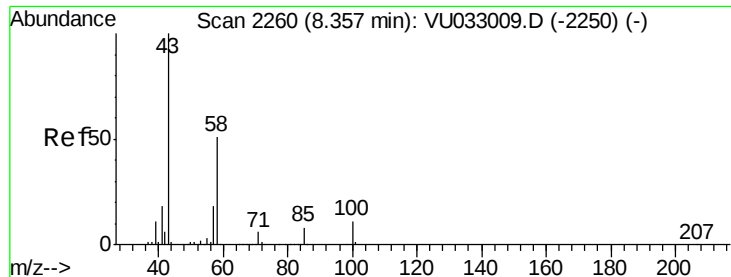


#44

trans-1,3-Dichloropropene
 Concen: 0.898 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU033013.D
 Acq: 24 Jun 2019 18:19

Tgt Ion: 75 Resp: 1912
 Ion Ratio Lower Upper
 75 100
 77 36.2 21.8 40.4

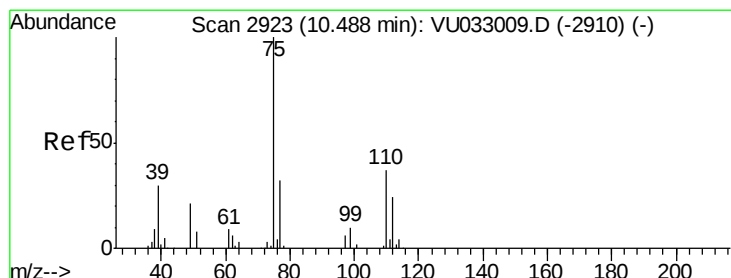
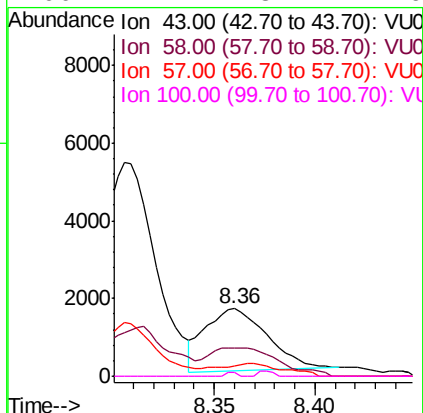
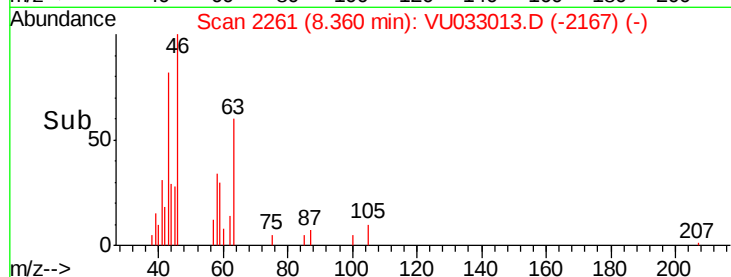
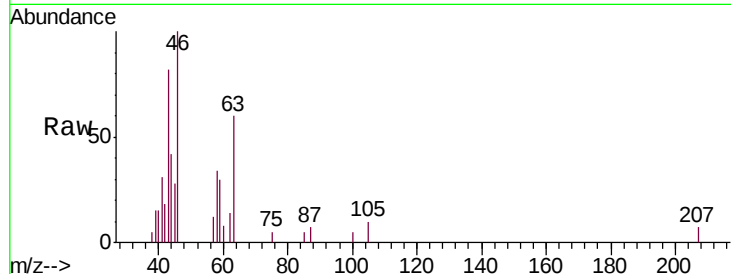




#48
2-Hexanone
Concen: 1.671 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU033013.D
Acq: 24 Jun 2019 18:19

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ClientSampleId :
ETF62

Tgt Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
58 7.5 40.2 60.2#
57 5.0 14.2 21.4#
100 1.2 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 5.758 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU033013.D
Acq: 24 Jun 2019 18:19

Tgt Ion: 75 Resp: 11181
Ion Ratio Lower Upper
75 100
77 39.6 25.5 38.3#

