

Data File : VU032614.D
Acq On : 11 Jun 2019 16:58
Operator : JC/SP
Sample : K3292-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q0

Quant Time: Jun 12 07:32:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	172590	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45631	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.68	69	38924	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.52%
11) 1,1-Dichloroethene-d2	2.27	63	70246	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	4.17	46	94498	100.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	4.64	84	98783	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.30	65	65978	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
32) Benzene-d6	5.33	84	195214	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.32	67	64011	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.56	98	176692	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%
43) trans-1,3-Dichloropropene-	7.85	79	27764	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.31	63	54223	85.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94951	49.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	77494	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

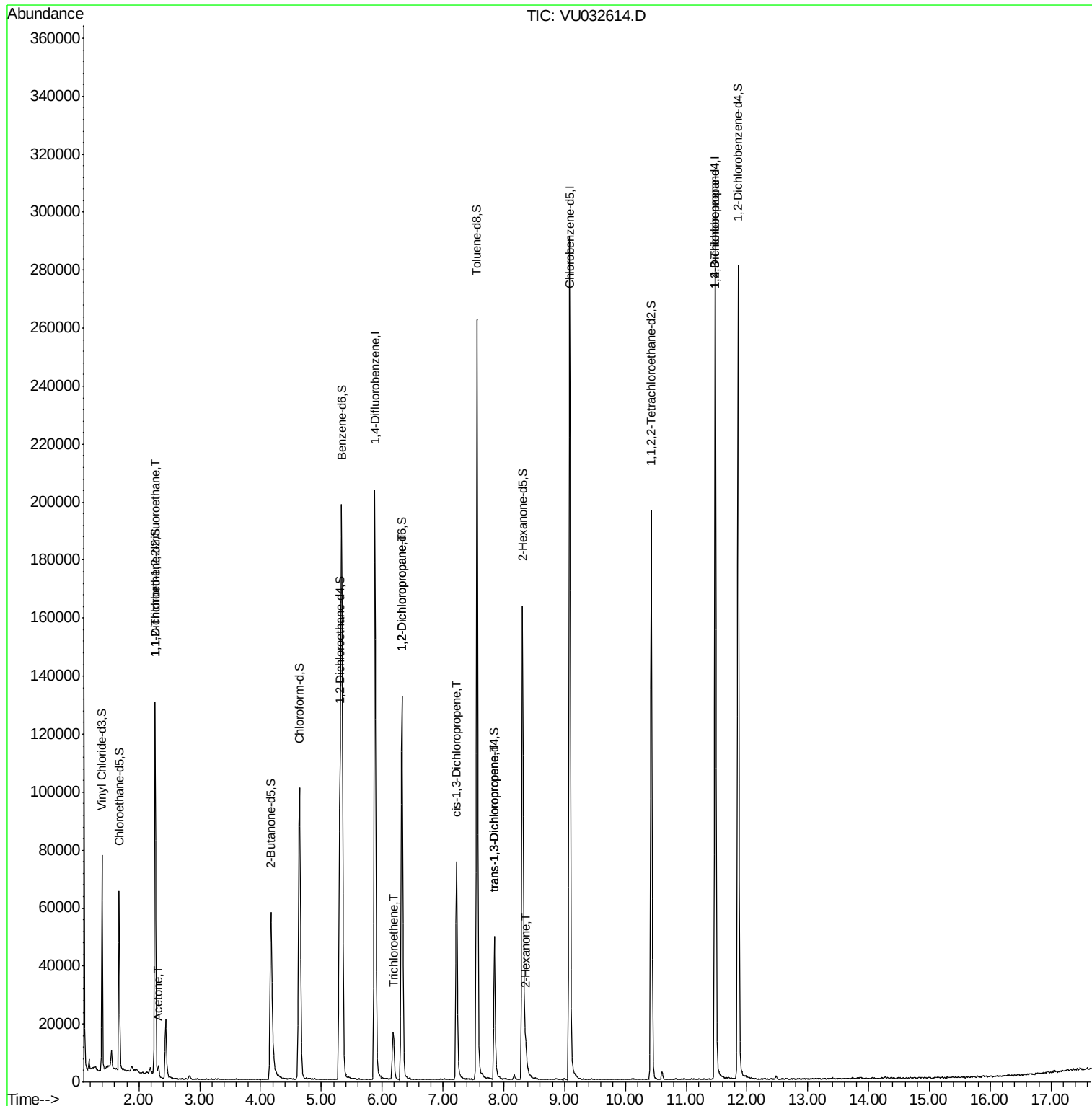
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	642	0.609	ug/L #	18
13) Acetone	2.32	43	4209	4.353	ug/L	86
34) Trichloroethene	6.19	95	4903	3.979	ug/L	93
37) 1,2-Dichloropropane	6.32	63	7006	5.835	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1959	1.034	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1290	0.767	ug/L	92
48) 2-Hexanone	8.36	43	6067	3.824	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	10117	6.481	ug/L	95

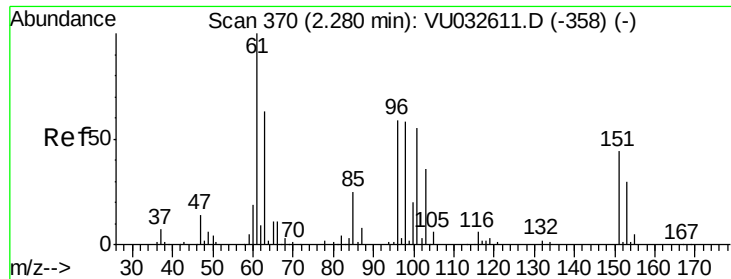
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.609 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

DB8Q0

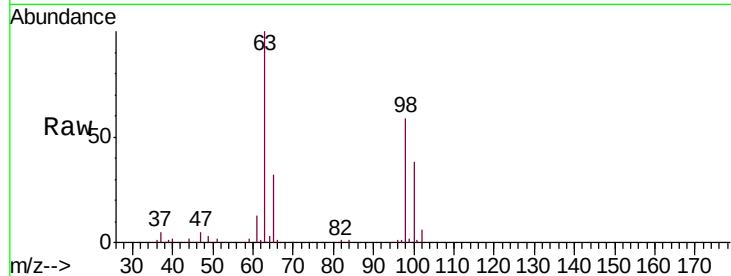
Tgt Ion:101 Resp: 642

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

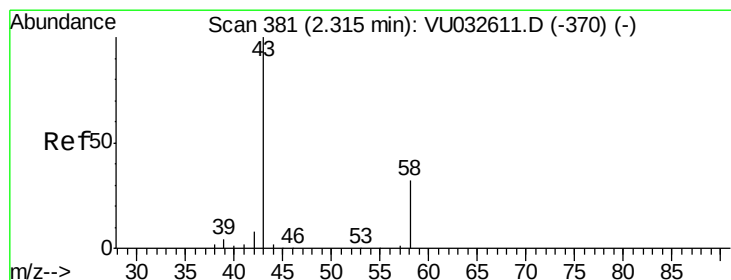
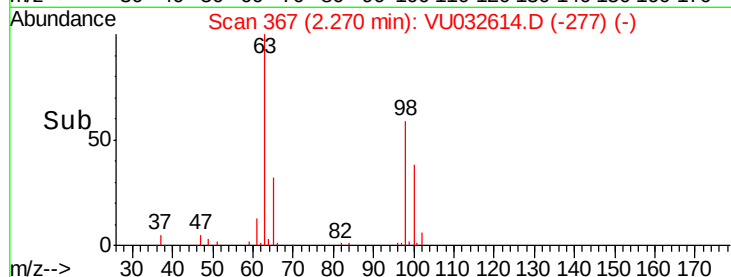
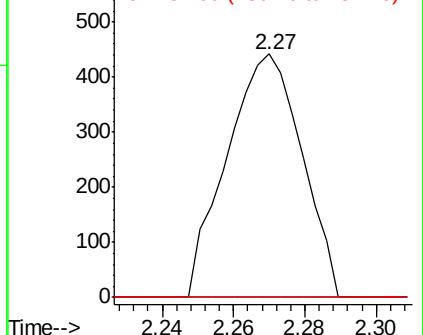
151 0.0 63.0 94.4#



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: 4.353 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032614.D

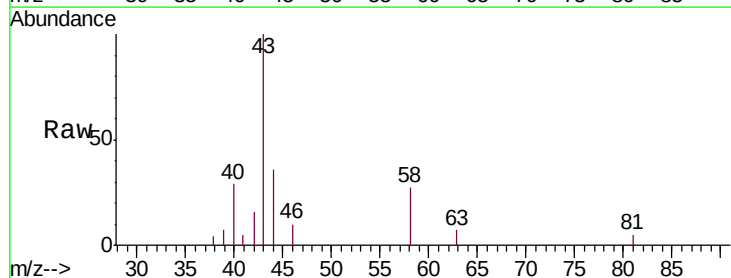
Acq: 11 Jun 2019 16:58

Tgt Ion: 43 Resp: 4209

Ion Ratio Lower Upper

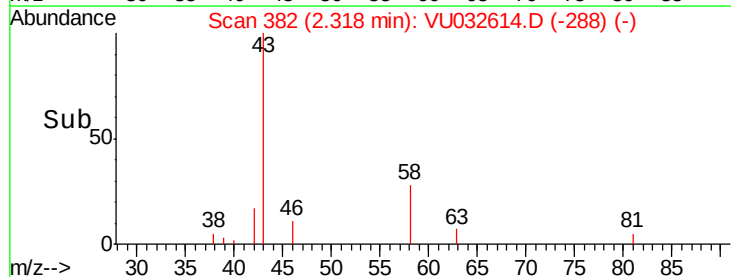
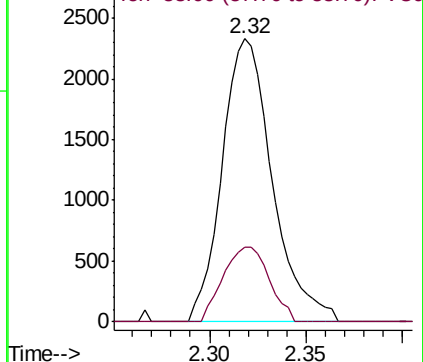
43 100

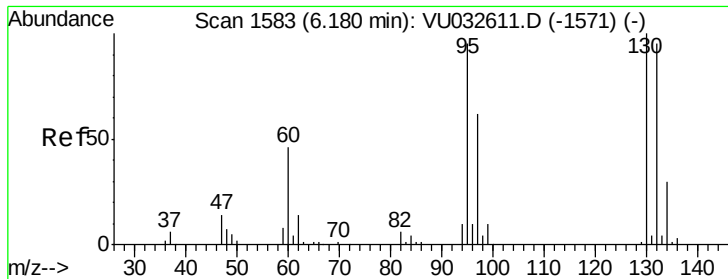
58 24.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 3.979 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032614.D

Acq: 11 Jun 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

DB8Q0

Tgt Ion: 95 Resp: 4903

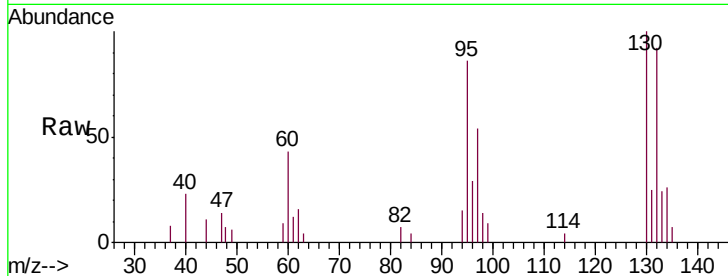
Ion Ratio Lower Upper

95 100

97 62.6 45.8 85.2

132 106.8 71.0 131.8

130 115.9 73.4 136.2

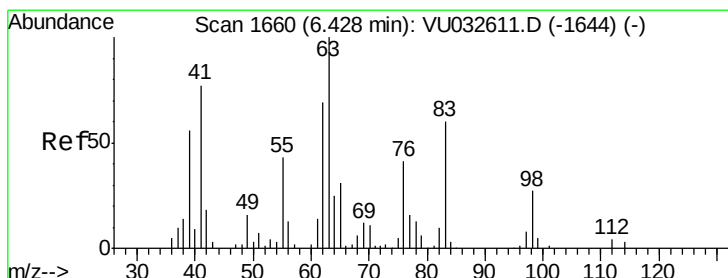
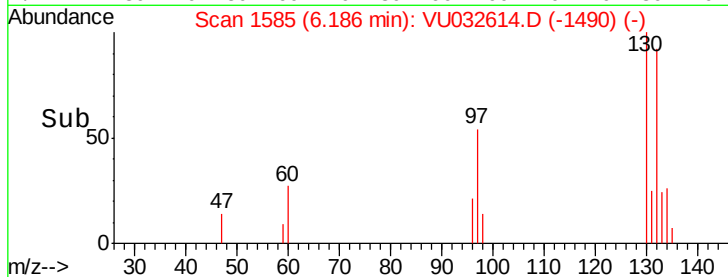
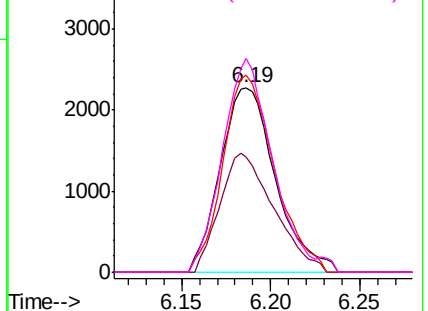


Abundance Ion 95.00 (94.70 to 95.70): VU032614.D (-1571) (-)

Ion 97.00 (96.70 to 97.70): VU032614.D (-1571) (-)

Ion 132.00 (131.70 to 132.70): VU032614.D (-1571) (-)

Ion 130.00 (129.70 to 130.70): VU032614.D (-1571) (-)



#37

1,2-Dichloropropane

Concen: 5.835 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032614.D

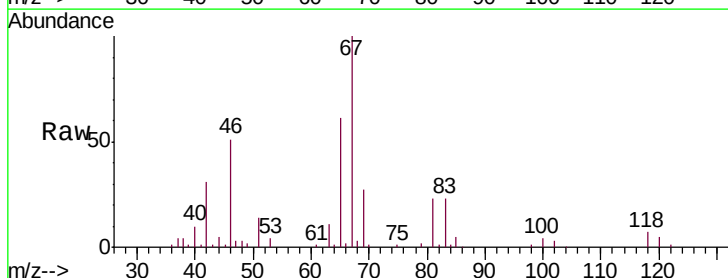
Acq: 11 Jun 2019 16:58

Tgt Ion: 63 Resp: 7006

Ion Ratio Lower Upper

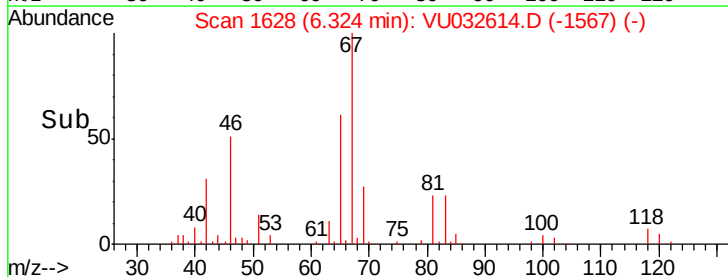
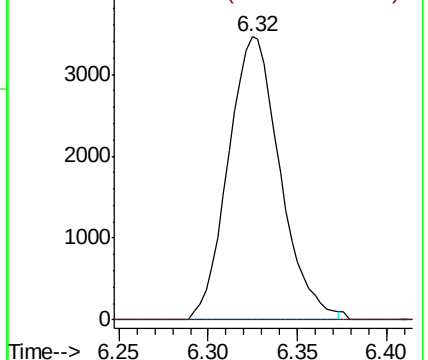
63 100

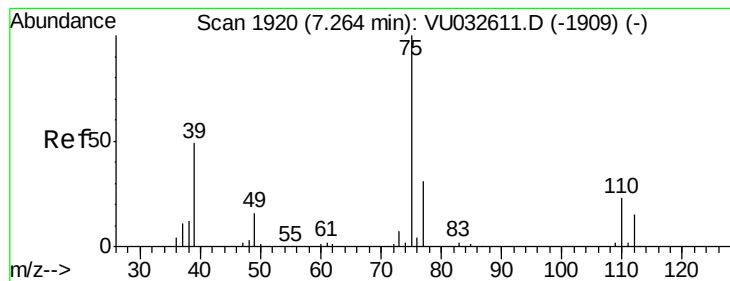
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU032614.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VU032614.D (-1567) (-)



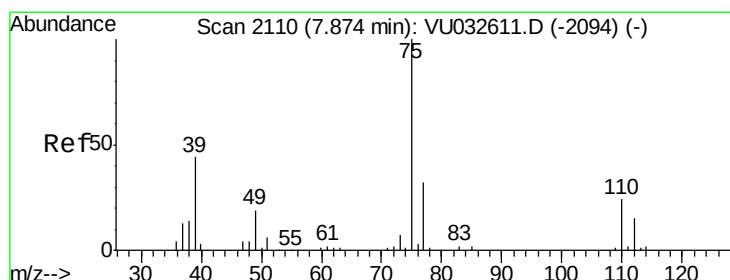
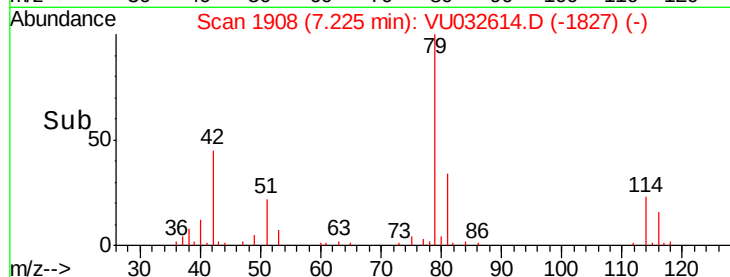
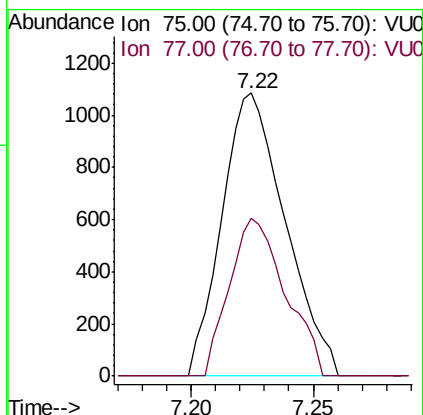
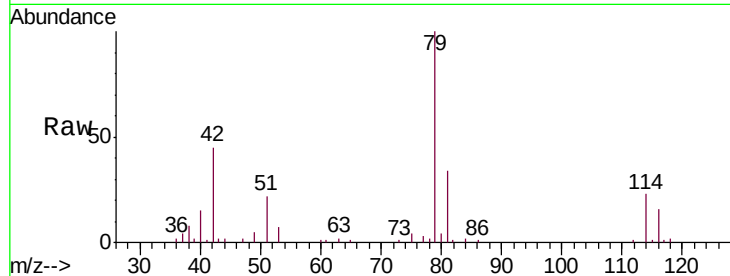


#39

cis-1,3-Dichloropropene
 Concen: 1.034 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032614.D
 Acq: 11 Jun 2019 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q0

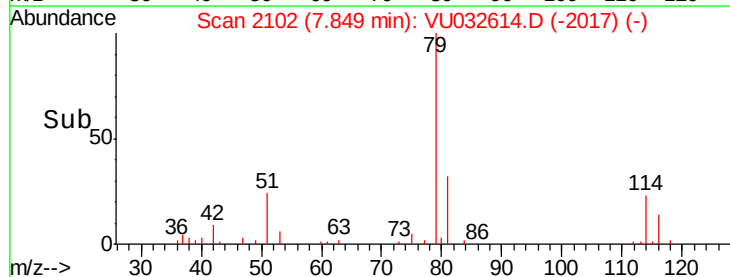
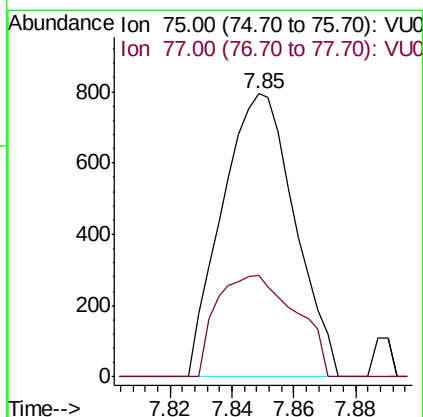
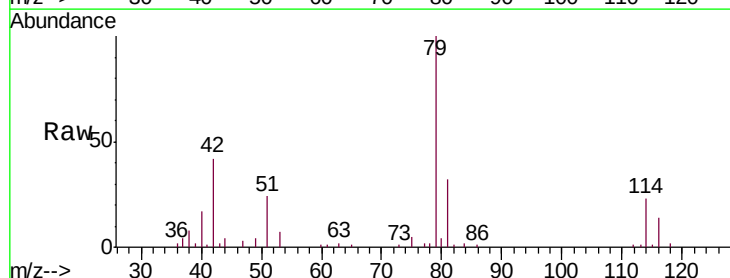
Tgt Ion: 75 Resp: 1959
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.0 41.0#

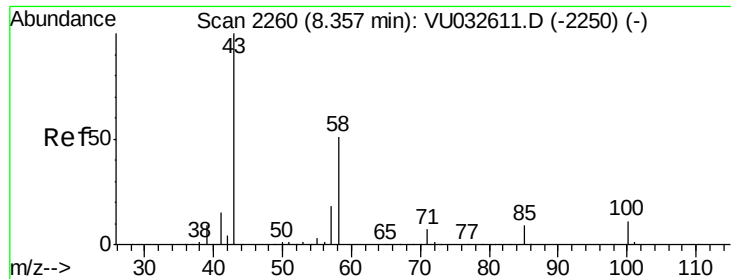


#44

trans-1,3-Dichloropropene
 Concen: 0.767 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032614.D
 Acq: 11 Jun 2019 16:58

Tgt Ion: 75 Resp: 1290
 Ion Ratio Lower Upper
 75 100
 77 35.8 22.1 41.1

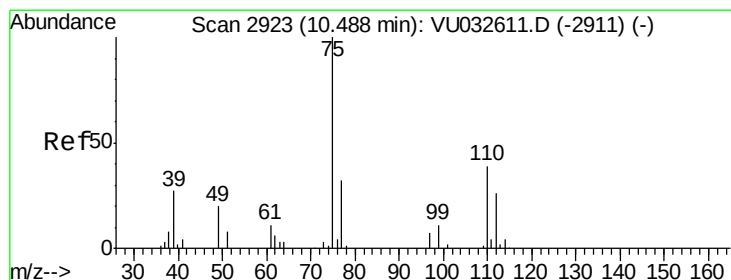
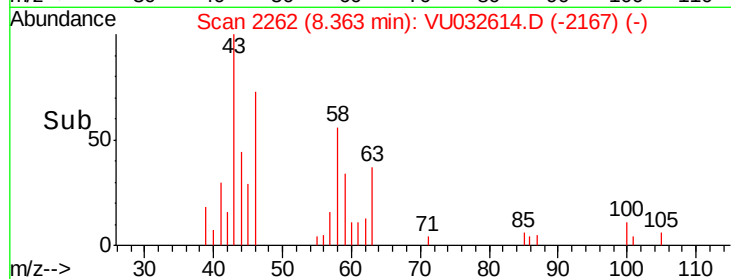
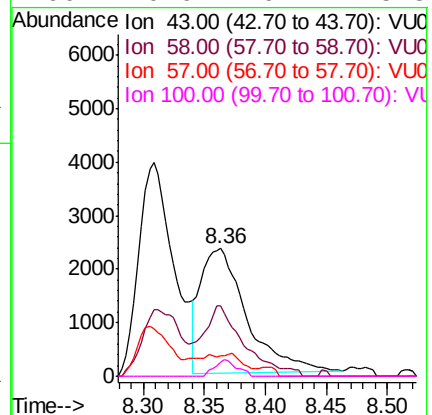
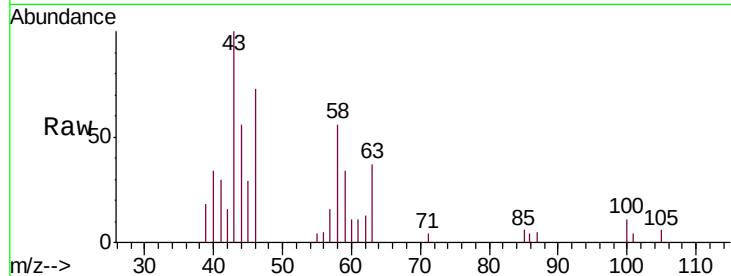




#48
 2-Hexanone
 Concen: 3.824 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032614.D
 Acq: 11 Jun 2019 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q0

Tgt Ion: 43 Resp: 6067
 Ion Ratio Lower Upper
 43 100
 58 39.0 42.0 63.0#
 57 0.7 14.6 22.0#
 100 6.6 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.481 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032614.D
 Acq: 11 Jun 2019 16:58

Tgt Ion: 75 Resp: 10117
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.6 38.4

