

Data File : VU032467.D
Acq On : 05 Jun 2019 17:48
Operator : JC/SP
Sample : K3213-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8L1

Quant Time: Jun 06 04:08:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	208463	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95831	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48336	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.48%
7) Chloroethane-d5	1.68	69	42748	39.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.66%
11) 1,1-Dichloroethene-d2	2.27	63	75014	28.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.66%#
21) 2-Butanone-d5	4.17	46	106807	94.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.37%
24) Chloroform-d	4.64	84	105857	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.94%
26) 1,2-Dichloroethane-d4	5.30	65	70692	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
32) Benzene-d6	5.33	84	222917	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
36) 1,2-Dichloropropane-d6	6.32	67	69020	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.12%
41) Toluene-d8	7.56	98	212820	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.85	79	34138	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.31	63	70958	92.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101571	44.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	88442	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds

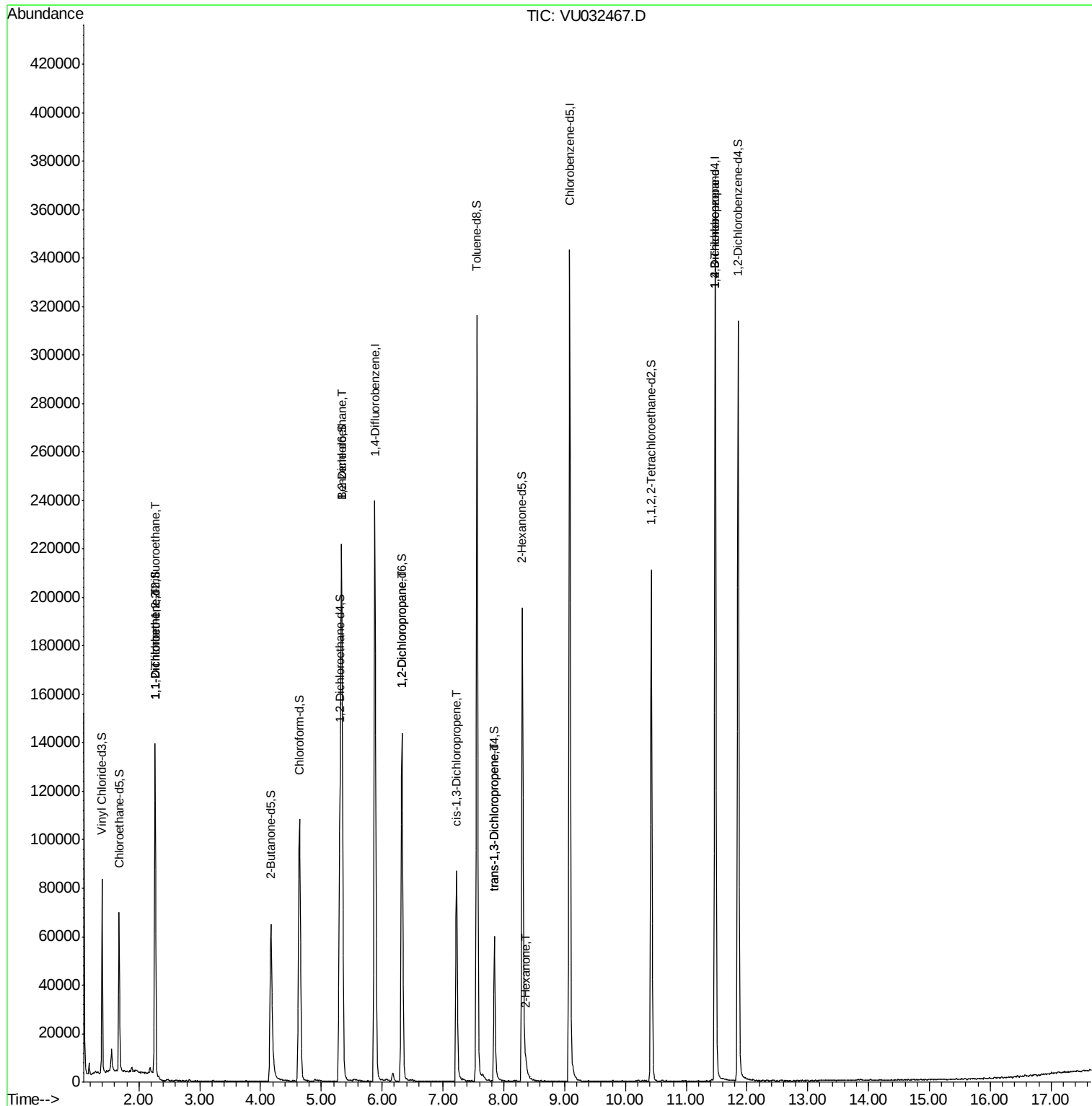
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	866	0.680	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	681	0.551	ug/L #	1
27) 1,2-Dichloroethane	5.33	62	1232	0.618	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	7832	5.403	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2247	0.982	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1673	0.824	ug/L	98
48) 2-Hexanone	8.36	43	3381	1.765	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	11527	6.117	ug/L	95

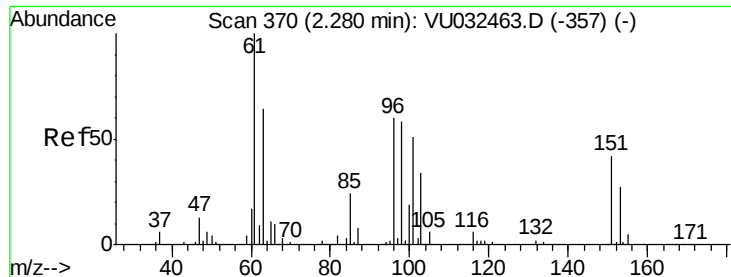
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032467.D

Acq: 05 Jun 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

DB8L1

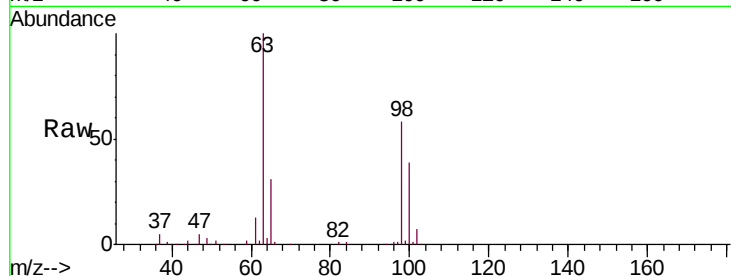
Tgt Ion: 101 Resp: 866

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

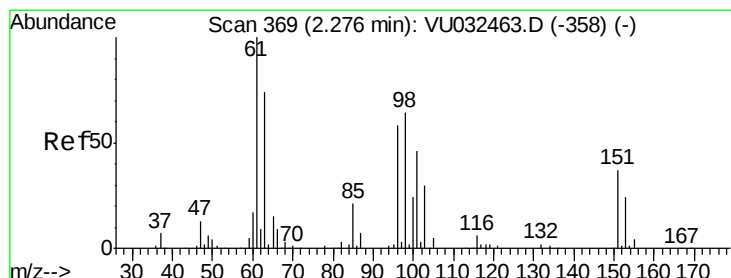
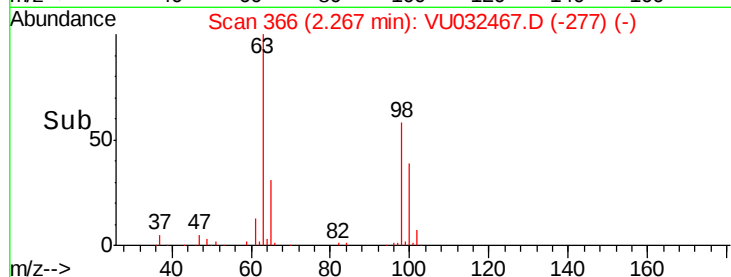
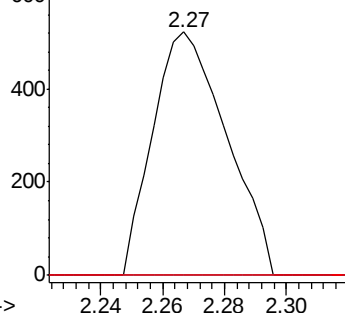
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.551 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032467.D

Acq: 05 Jun 2019 17:48

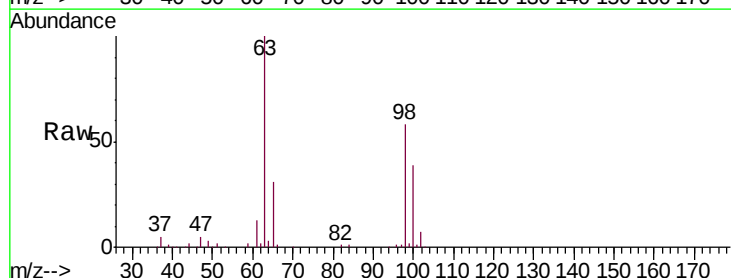
Tgt Ion: 96 Resp: 681

Ion Ratio Lower Upper

96 100

61 1364.1 129.5 240.5#

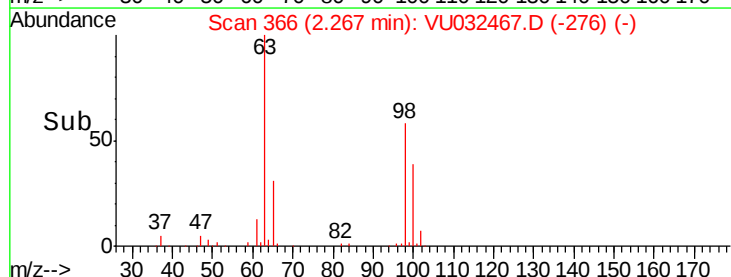
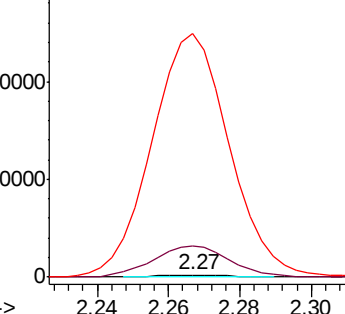
63 10462.2 103.4 192.0#

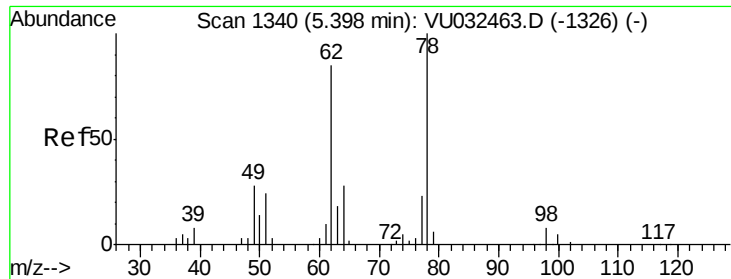


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

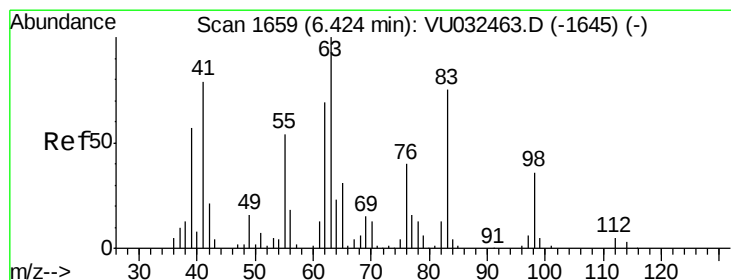
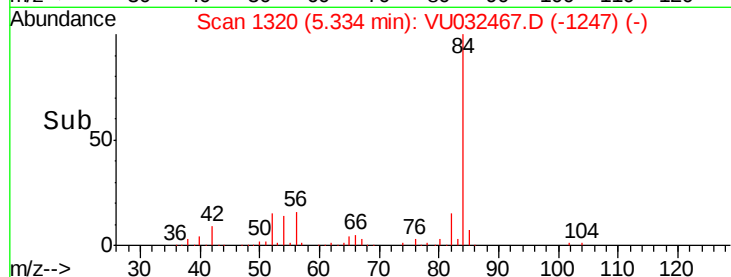
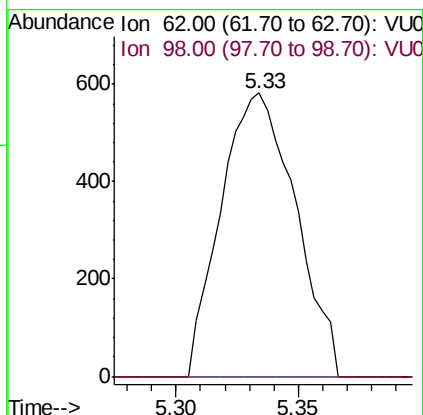
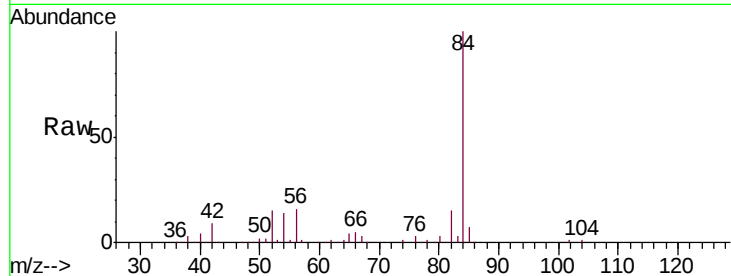




#27
 1,2-Dichloroethane
 Concen: 0.618 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032467.D
 Acq: 05 Jun 2019 17:48

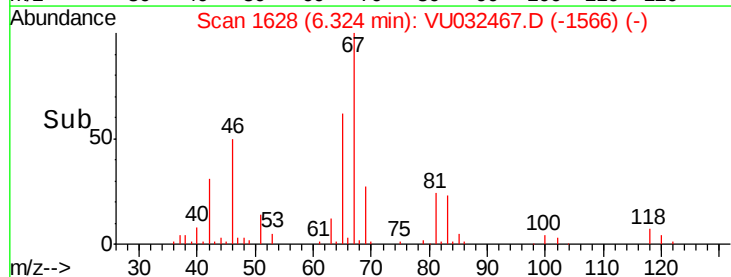
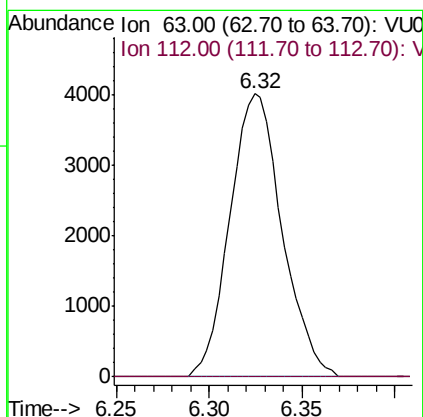
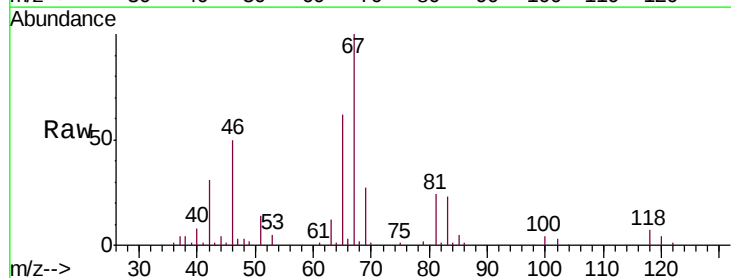
Instrument :
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 DB8L1

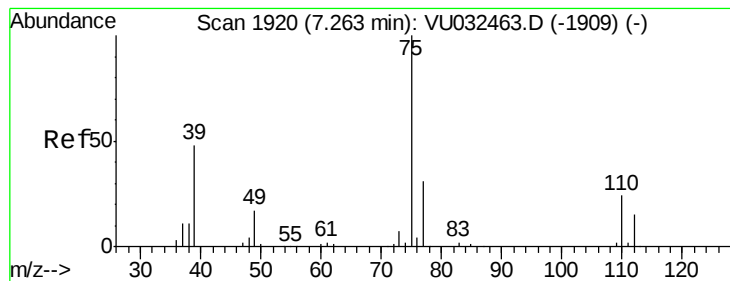
Tgt Ion: 62 Resp: 1232
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#37
 1,2-Dichloropropane
 Concen: 5.403 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032467.D
 Acq: 05 Jun 2019 17:48

Tgt Ion: 63 Resp: 7832
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



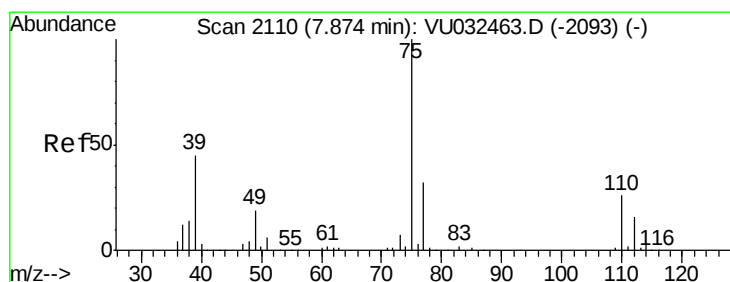
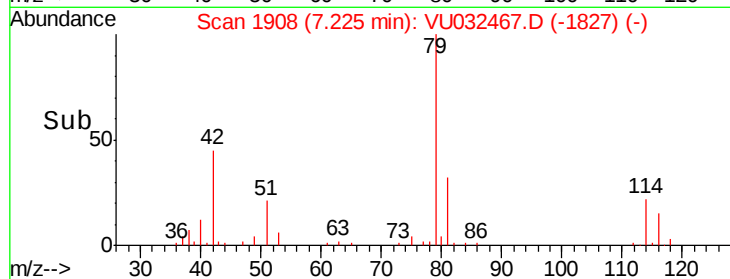
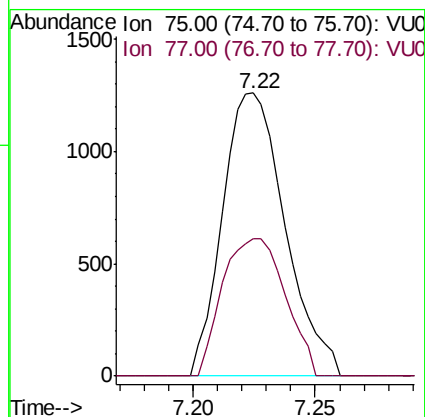
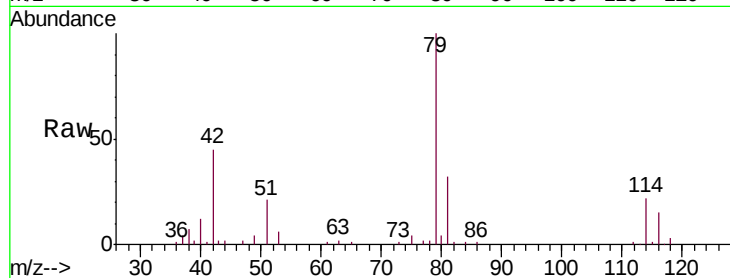


#39

cis-1,3-Dichloropropene
Concen: 0.982 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032467.D
Acq: 05 Jun 2019 17:48

Instrument :
MSVOA_U
ClientSampleID :
DB8L1

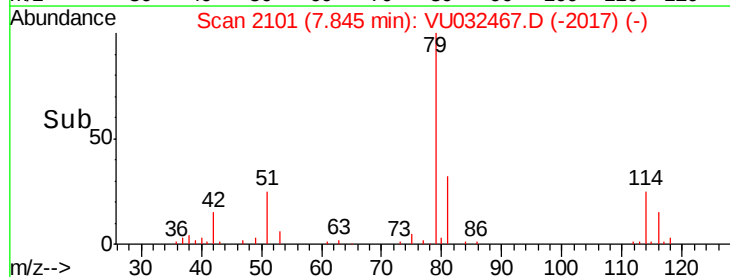
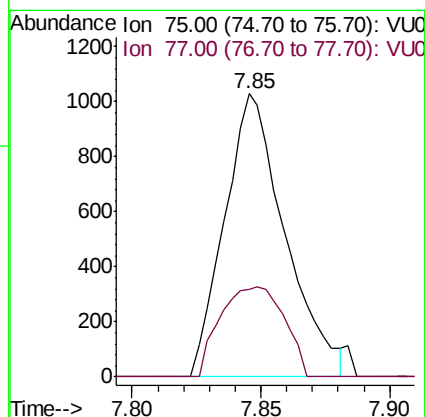
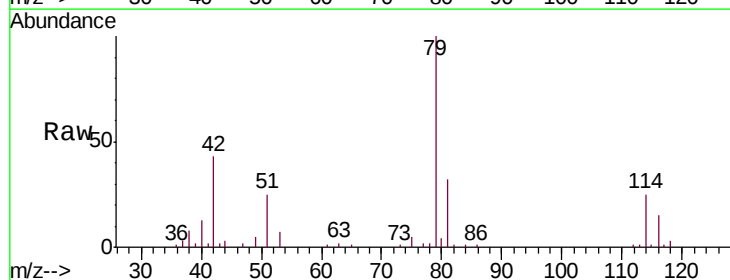
Tgt Ion: 75 Resp: 2247
Ion Ratio Lower Upper
75 100
77 48.7 22.0 41.0#

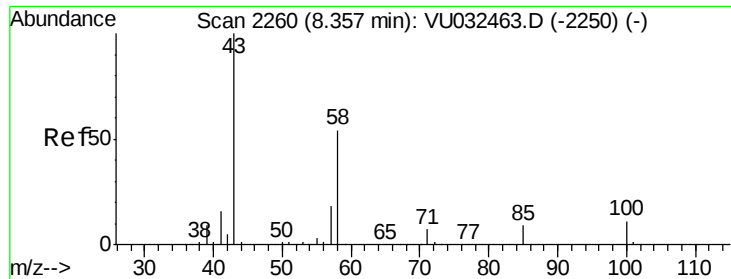


#44

trans-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032467.D
Acq: 05 Jun 2019 17:48

Tgt Ion: 75 Resp: 1673
Ion Ratio Lower Upper
75 100
77 30.7 22.1 41.1

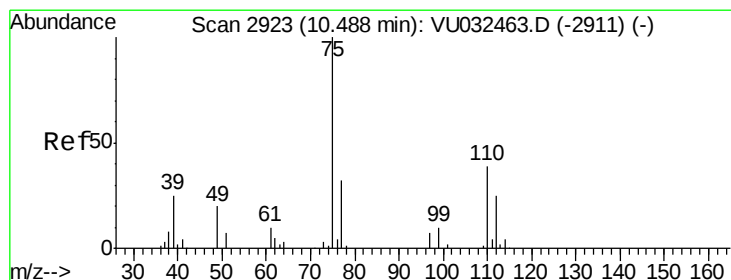
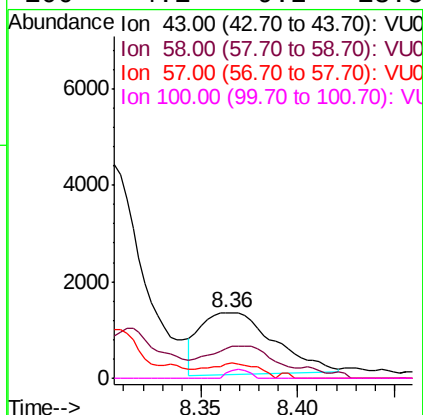
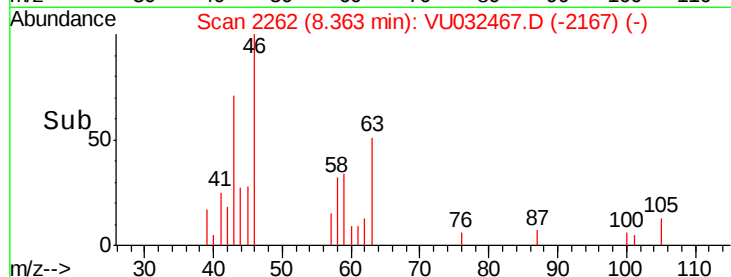
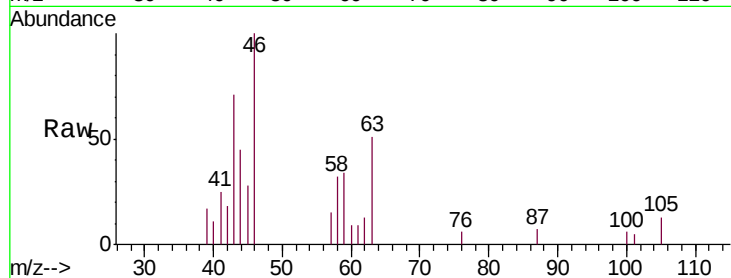




#48
2-Hexanone
Concen: 1.765 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032467.D
Acq: 05 Jun 2019 17:48

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 3381
Ion Ratio Lower Upper
43 100
58 31.9 42.0 63.0#
57 12.2 14.6 22.0#
100 4.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.117 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032467.D
Acq: 05 Jun 2019 17:48

Tgt Ion: 75 Resp: 11527
Ion Ratio Lower Upper
75 100
77 34.6 25.6 38.4

