

Data File : VU032626.D
Acq On : 11 Jun 2019 21:33
Operator : JC/SP
Sample : K3293-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q8

Quant Time: Jun 12 07:33:51 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	165558	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41541	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.34%
7) Chloroethane-d5	1.68	69	37259	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.34%
11) 1,1-Dichloroethene-d2	2.27	63	67161	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
21) 2-Butanone-d5	4.17	46	90986	101.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	4.64	84	95907	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.30	65	64091	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.33	84	188300	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.32	67	61887	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.56	98	170949	44.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.14%
43) trans-1,3-Dichloropropene-	7.85	79	27202	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	50875	82.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92727	50.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	73360	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

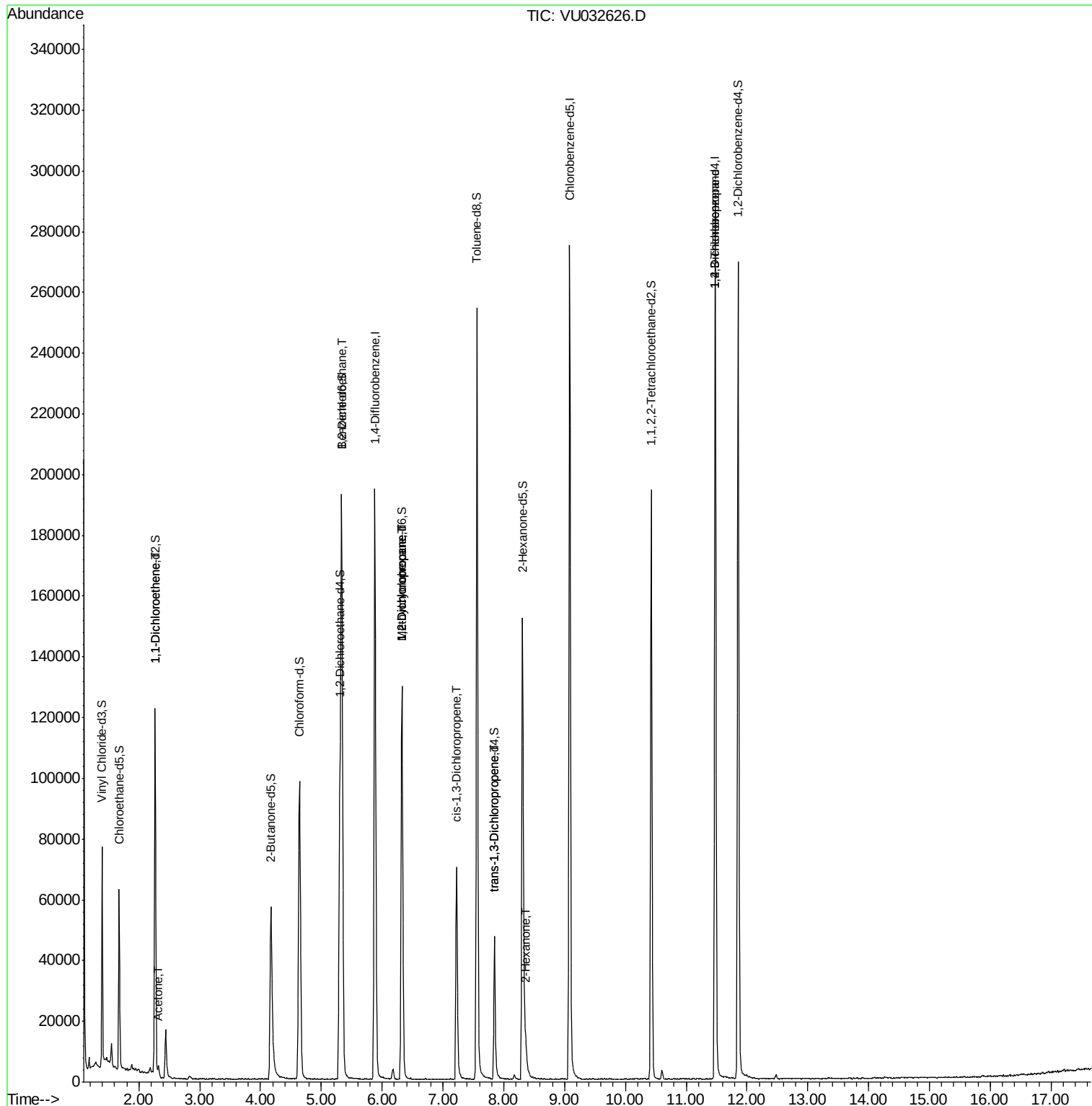
					Qvalue
12) 1,1-Dichloroethene	2.27	96	578	0.588 ug/L #	1
13) Acetone	2.32	43	3790	4.086 ug/L	89
27) 1,2-Dichloroethane	5.34	62	1089	0.688 ug/L #	75
35) Methylcyclohexane	6.33	83	14352	7.443 ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7179	6.186 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	1832	1.001 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1273	0.783 ug/L	97
48) 2-Hexanone	8.36	43	4898	3.194 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	8848	5.865 ug/L #	86

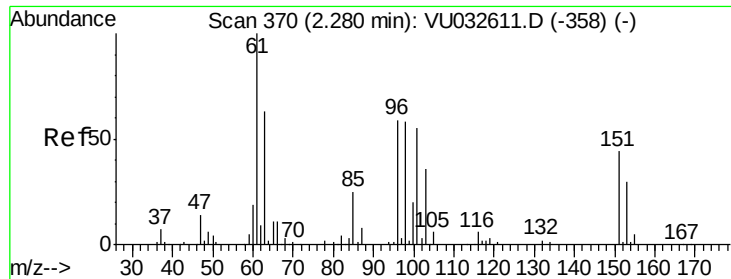
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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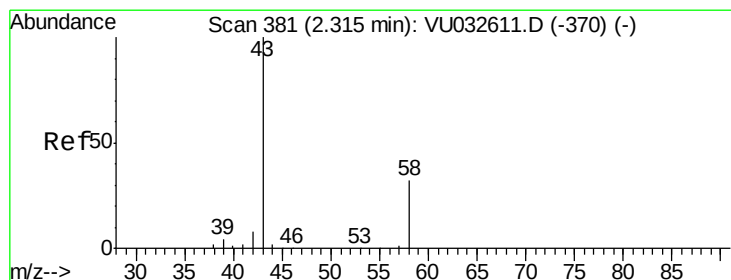
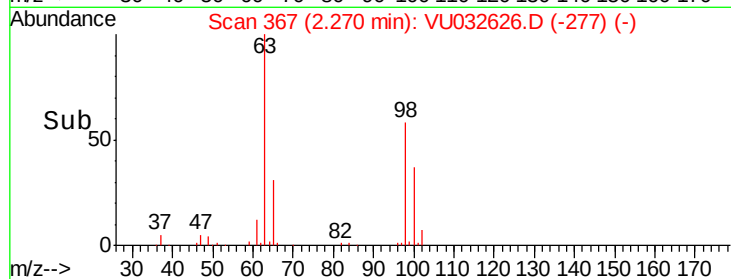
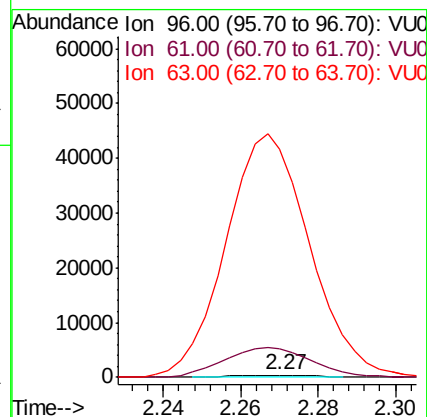
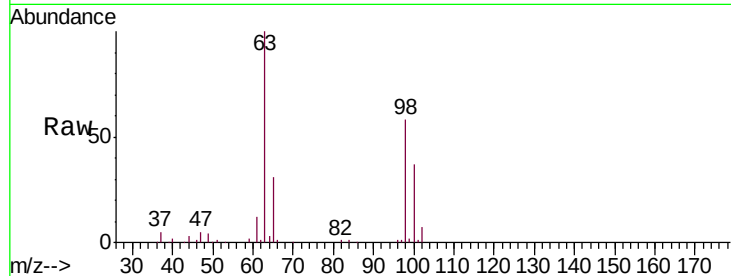




#12
 1,1-Dichloroethene
 Concen: 0.588 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU032626.D
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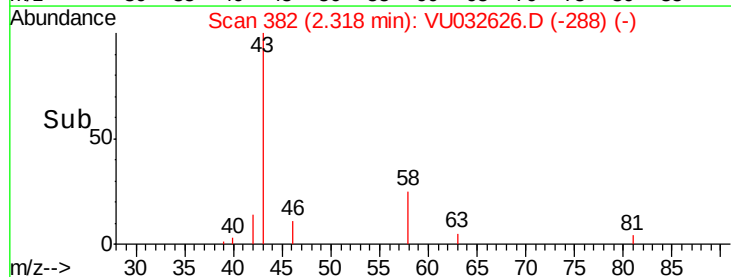
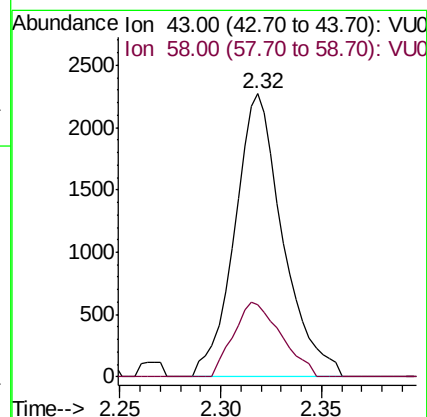
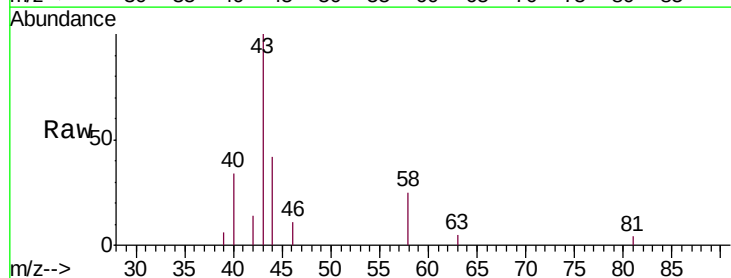
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8Q8

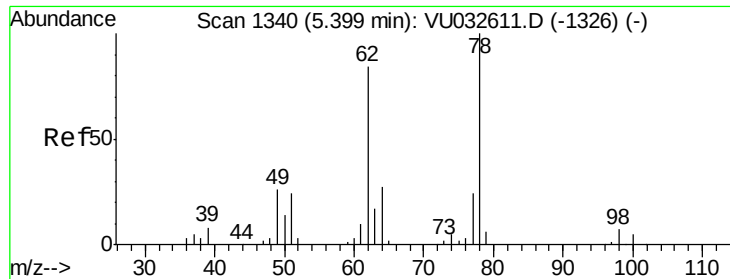
Tgt Ion: 96 Resp: 578
 Ion Ratio Lower Upper
 96 100
 61 1256.9 129.5 240.5#
 63 10119.1 103.4 192.0#



#13
 Acetone
 Concen: 4.086 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032626.D
 Acq: 11 Jun 2019 21:33

Tgt Ion: 43 Resp: 3790
 Ion Ratio Lower Upper
 43 100
 58 26.1 0.0 64.0

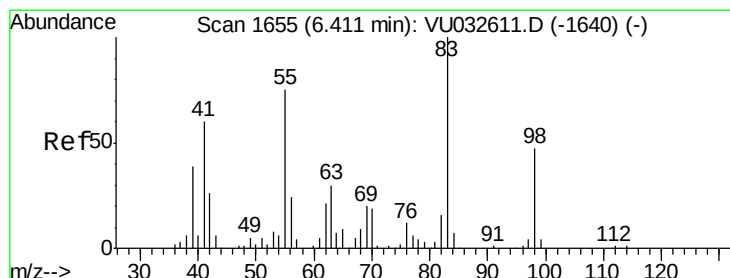
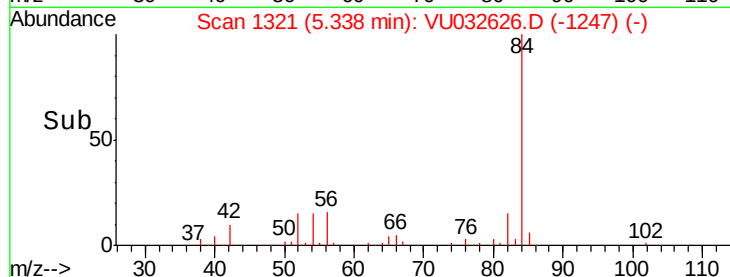
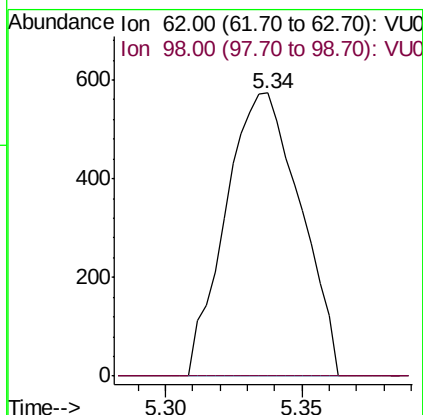
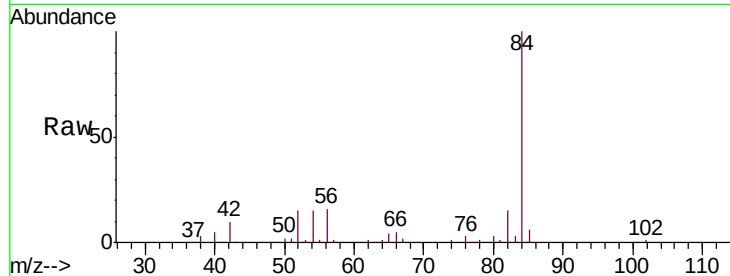




#27
 1,2-Dichloroethane
 Concen: 0.688 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032626.D
 Acq: 11 Jun 2019 21:33

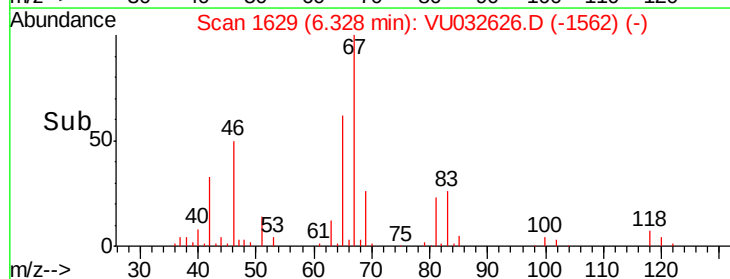
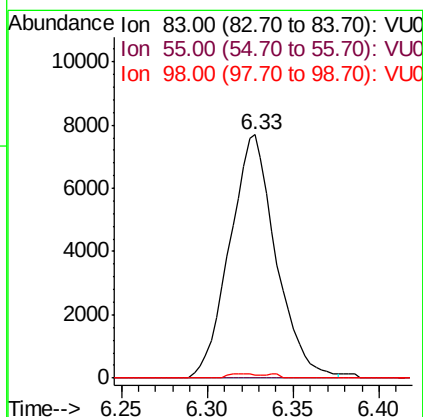
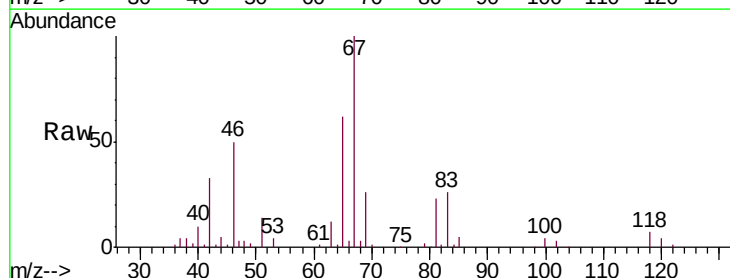
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q8

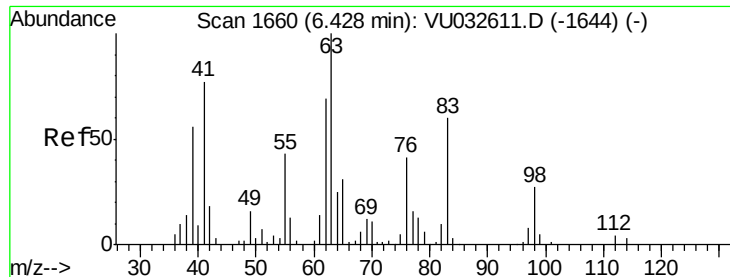
Tgt Ion: 62 Resp: 1089
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 7.443 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU032626.D
 Acq: 11 Jun 2019 21:33

Tgt Ion: 83 Resp: 14352
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 5.4 37.4 56.2#

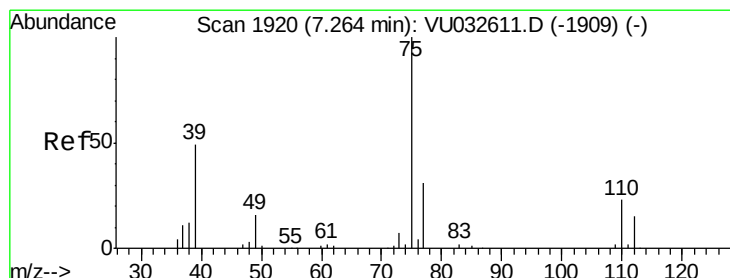
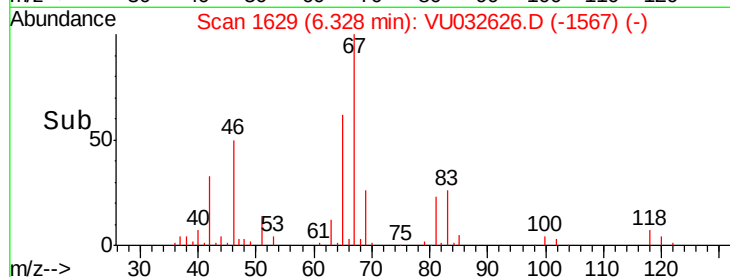
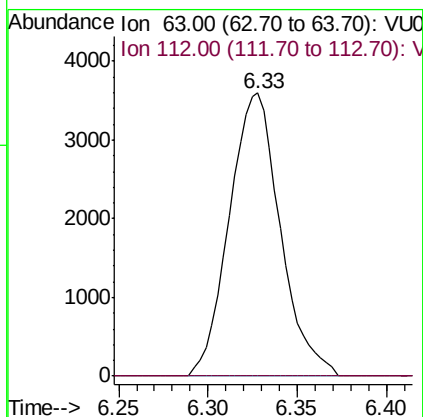
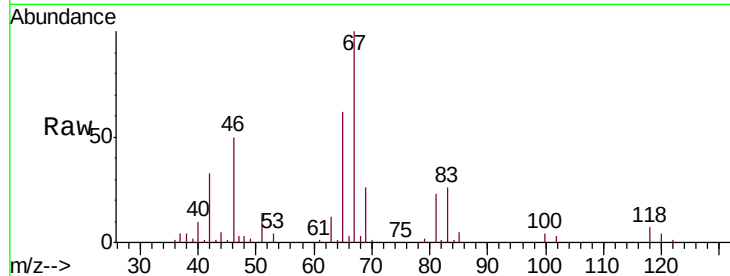




#37
 1,2-Dichloropropane
 Concen: 6.186 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032626.D
 Acq: 11 Jun 2019 21:33

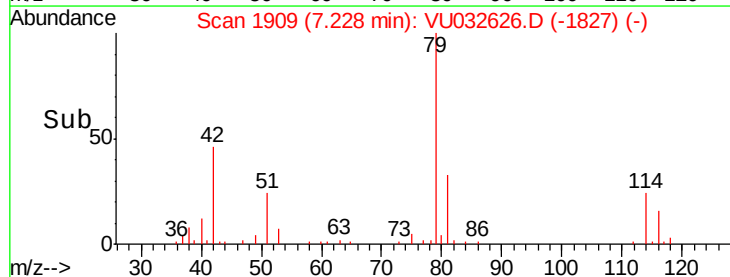
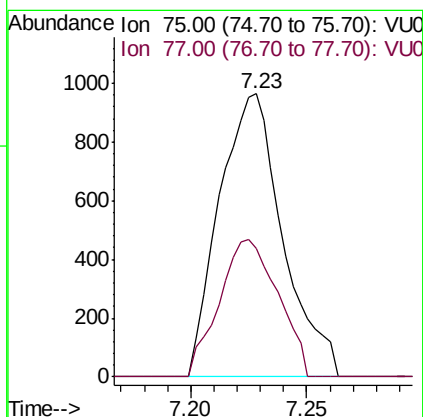
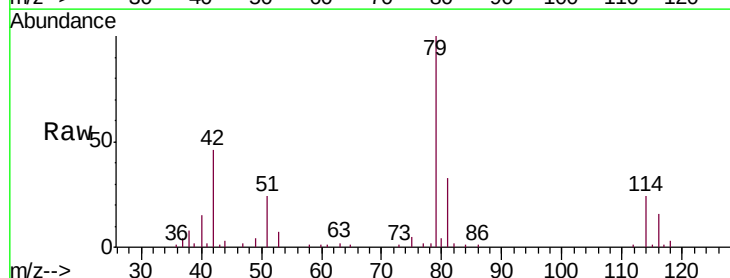
Instrument :
 MSVOA_U
 ClientSampleId :
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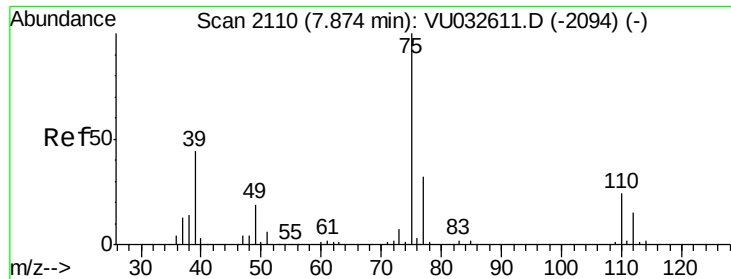
Tgt Ion: 63 Resp: 7179
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.001 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032626.D
 Acq: 11 Jun 2019 21:33

Tgt Ion: 75 Resp: 1832
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.0 41.0#

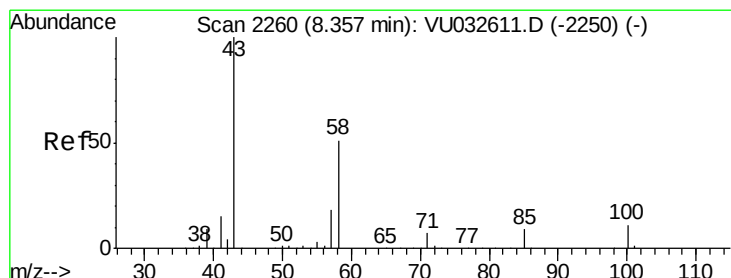
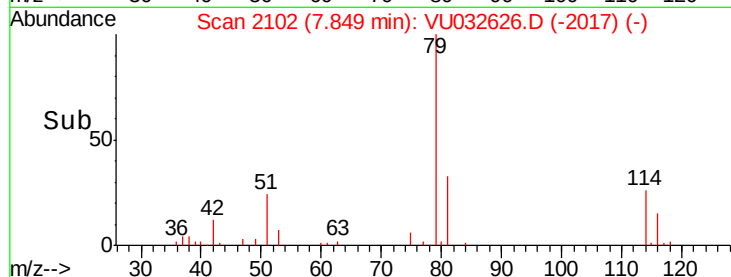
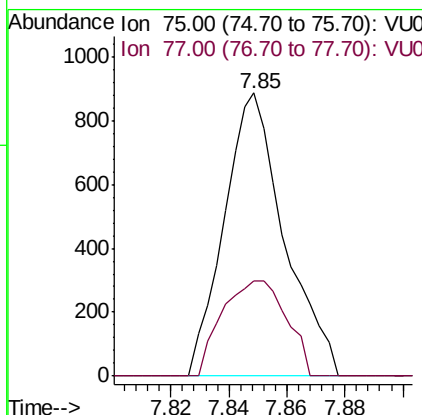
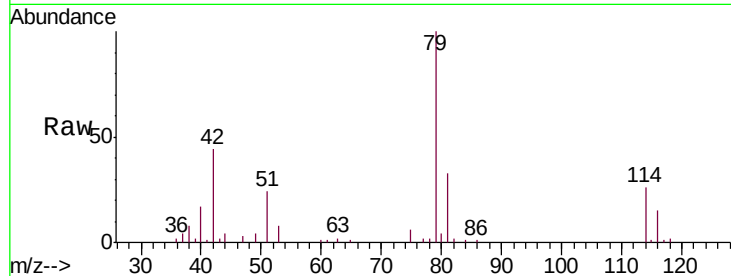




#44
trans-1,3-Dichloropropene
Concen: 0.783 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032626.D
Acq: 11 Jun 2019 21:33

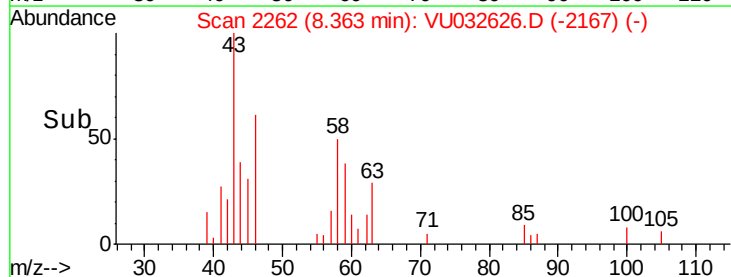
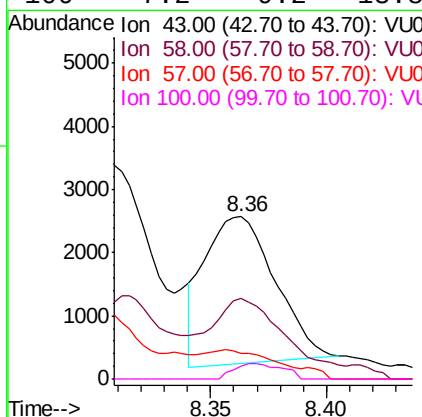
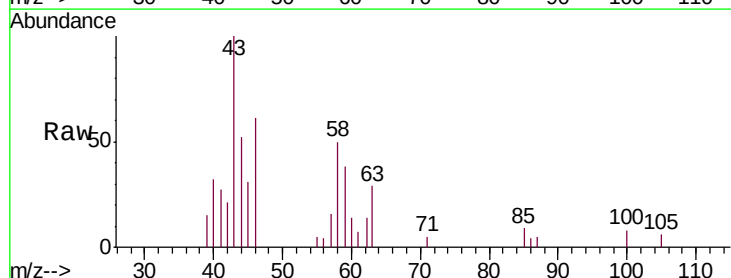
Instrument :
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ClientSampleId :
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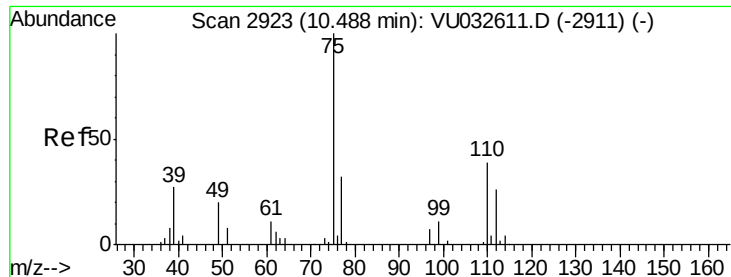
Tgt Ion: 75 Resp: 1273
Ion Ratio Lower Upper
75 100
77 33.5 22.1 41.1



#48
2-Hexanone
Concen: 3.194 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032626.D
Acq: 11 Jun 2019 21:33

Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
58 43.2 42.0 63.0
57 0.0 14.6 22.0#
100 7.2 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 5.865 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032626.D
 Acq: 11 Jun 2019 21:33

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q8

Tgt Ion: 75 Resp: 8848
 Ion Ratio Lower Upper
 75 100
 77 39.8 25.6 38.4#

