

Data File : VU032464.D
Acq On : 05 Jun 2019 16:40
Operator : JC/SP
Sample : VU0606MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Quant Time: Jun 06 04:08:00 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	203343	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62051	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.06%
7) Chloroethane-d5	1.68	69	51383	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.94%
11) 1,1-Dichloroethene-d2	2.27	63	91782	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.17	46	111290	100.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.64	84	115101	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	5.30	65	75953	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
32) Benzene-d6	5.33	84	240124	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
36) 1,2-Dichloropropane-d6	6.32	67	75875	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.56	98	226000	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	7.85	79	36719	49.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.60%
47) 2-Hexanone-d5	8.31	63	72243	95.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106547	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	93652	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

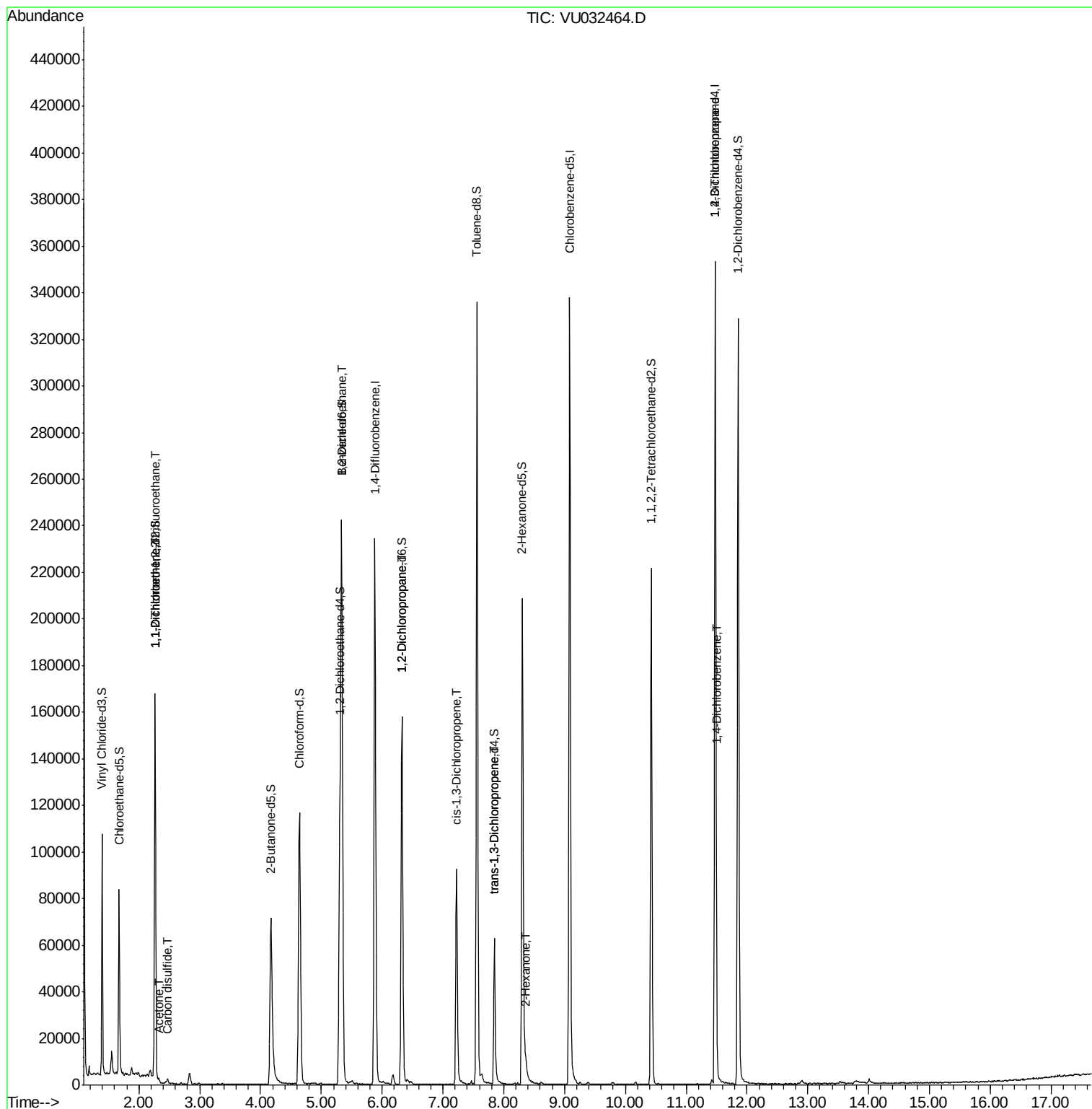
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1089	0.876	ug/L #	30
12) 1,1-Dichloroethene	2.27	96	893	0.740	ug/L #	1
13) Acetone	2.32	43	682	0.599	ug/L	74
14) Carbon disulfide	2.47	76	1839	0.502	ug/L	99
27) 1,2-Dichloroethane	5.34	62	1345	0.692	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8441	5.928	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2501	1.113	ug/L #	81
44) trans-1,3-Dichloropropene	7.85	75	1800	0.903	ug/L	89
48) 2-Hexanone	8.36	43	4912	2.611	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	11448	6.184	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	1472	0.495	ug/L #	87

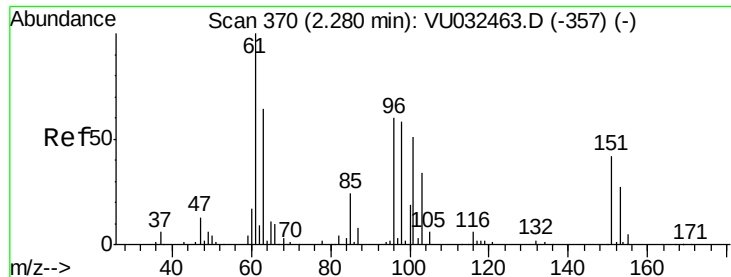
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.876 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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VBLK46

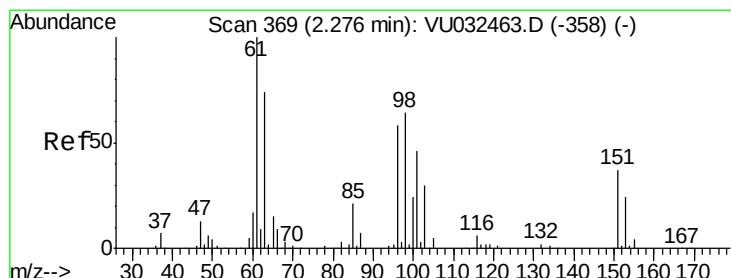
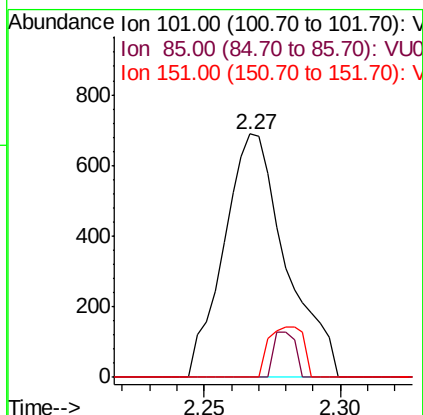
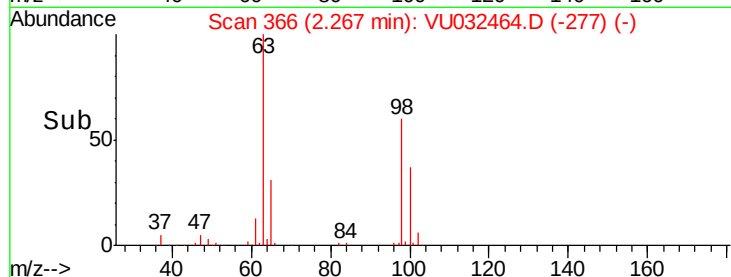
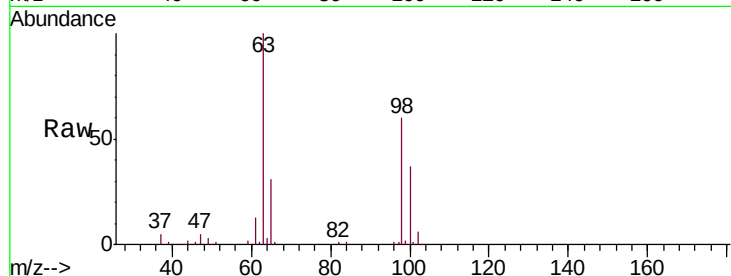
Tgt Ion: 101 Resp: 1089

Ion Ratio Lower Upper

101 100

85 6.4 36.1 54.1#

151 11.6 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.740 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032464.D

Acq: 05 Jun 2019 16:40

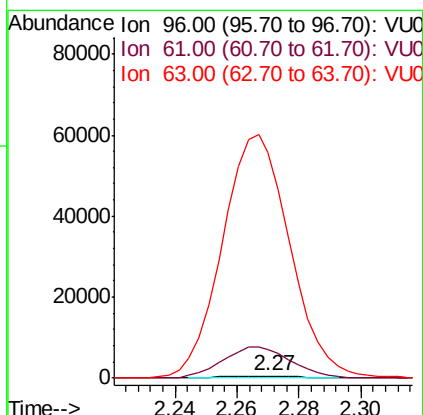
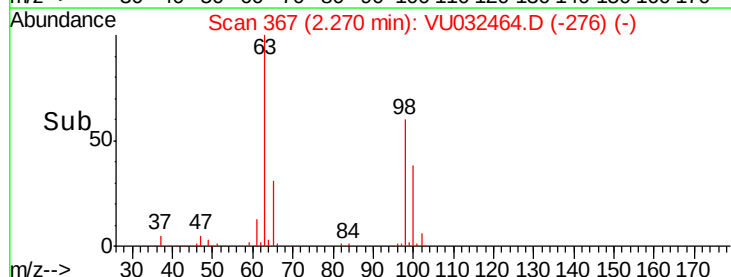
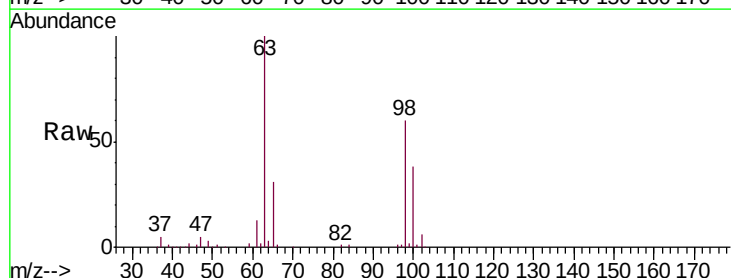
Tgt Ion: 96 Resp: 893

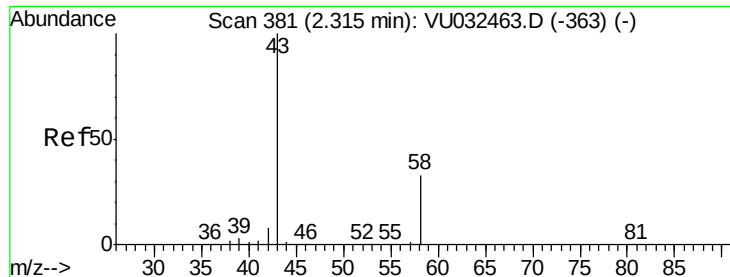
Ion Ratio Lower Upper

96 100

61 1321.7 129.5 240.5#

63 10353.9 103.4 192.0#





#13

Acetone

Concen: 0.599 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032464.D

Acq: 05 Jun 2019 16:40

Instrument :

MSVOA_U

ClientSampleId :

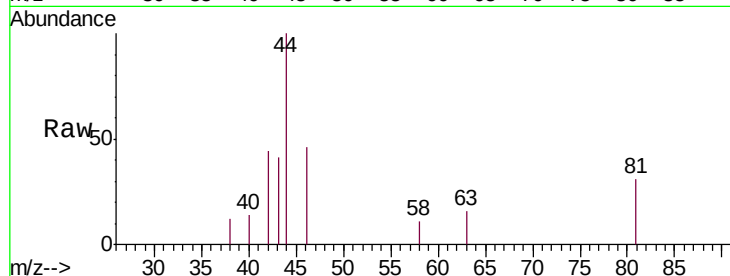
VBLK46

Tgt Ion: 43 Resp: 682

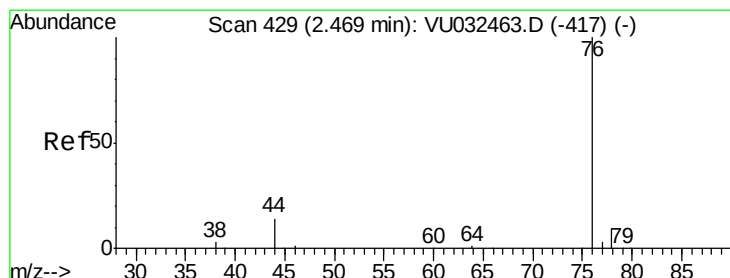
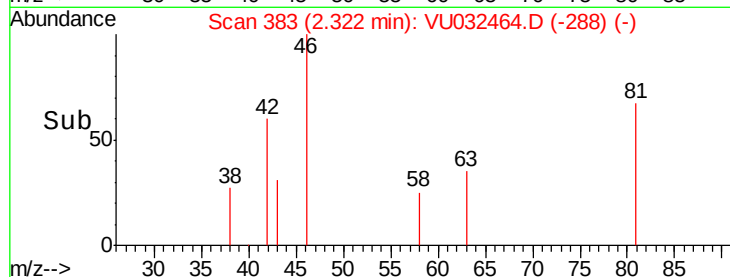
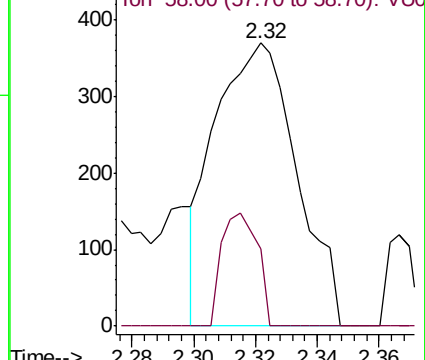
Ion Ratio Lower Upper

43 100

58 17.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032463.D (-363) (-)



#14

Carbon disulfide

Concen: 0.502 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU032464.D

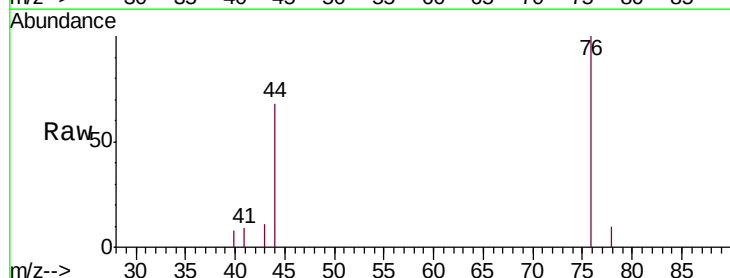
Acq: 05 Jun 2019 16:40

Tgt Ion: 76 Resp: 1839

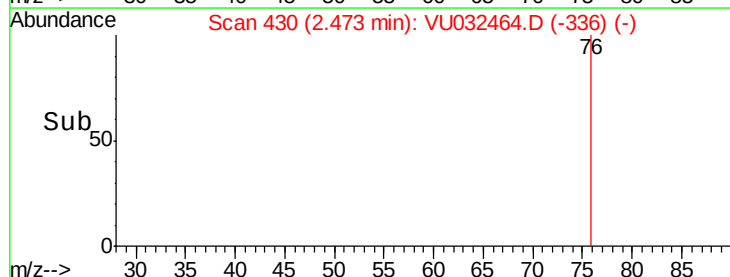
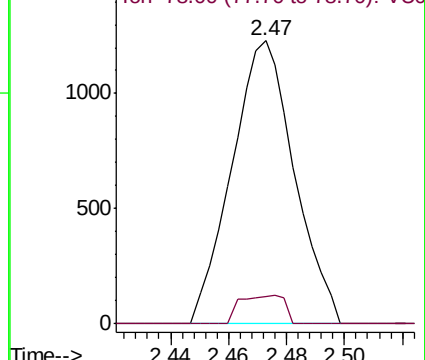
Ion Ratio Lower Upper

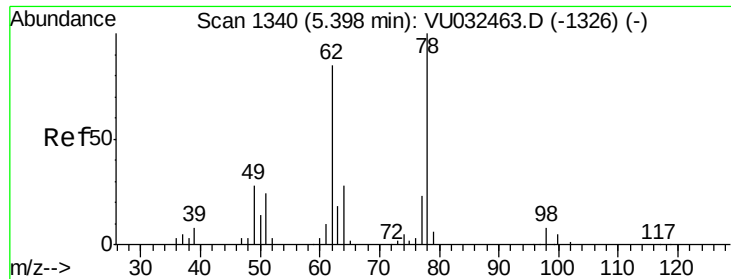
76 100

78 9.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VU032463.D (-417) (-)

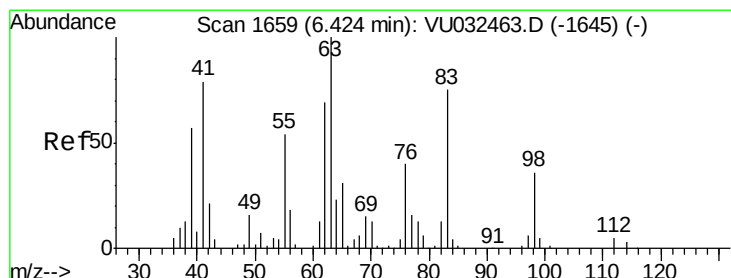
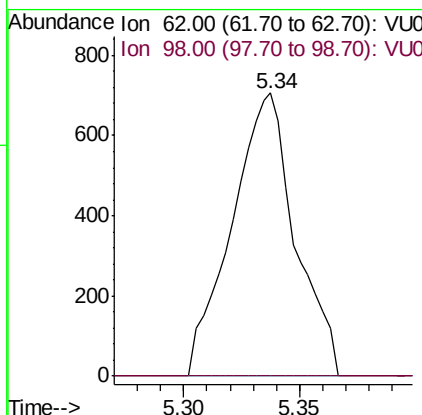
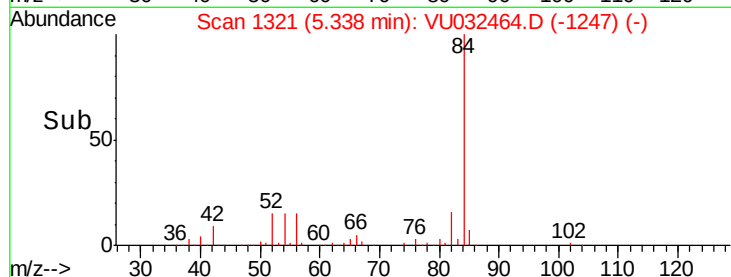
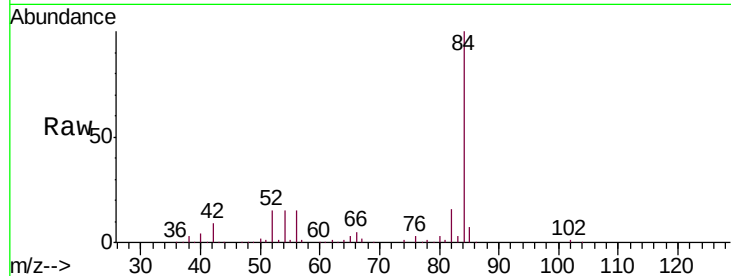




#27
 1,2-Dichloroethane
 Concen: 0.692 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032464.D
 Acq: 05 Jun 2019 16:40

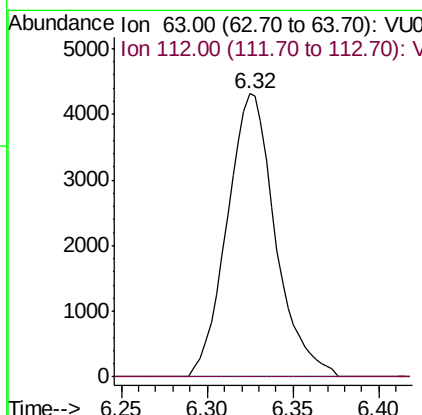
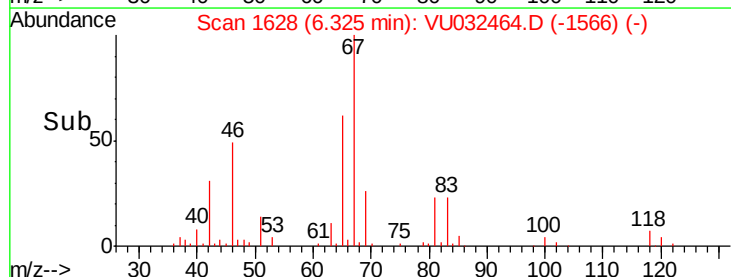
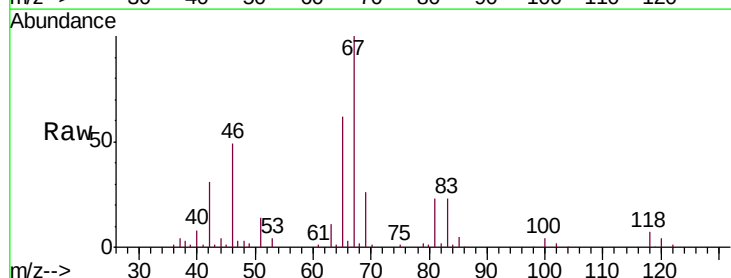
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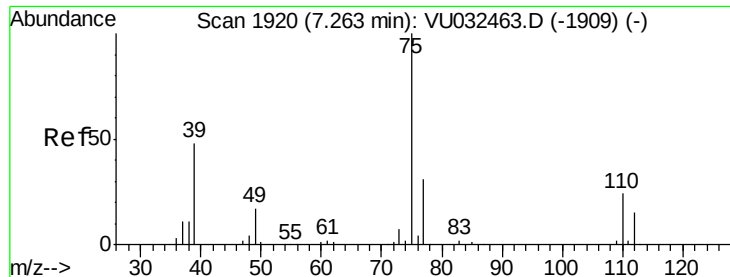
Tgt Ion: 62 Resp: 1345
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#37
 1,2-Dichloropropane
 Concen: 5.928 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032464.D
 Acq: 05 Jun 2019 16:40

Tgt Ion: 63 Resp: 8441
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

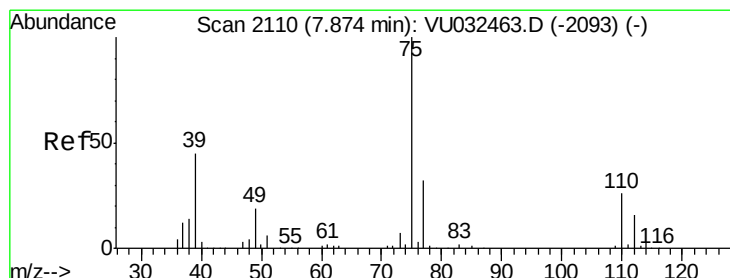
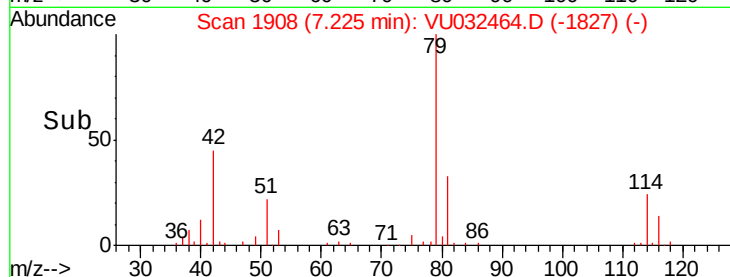
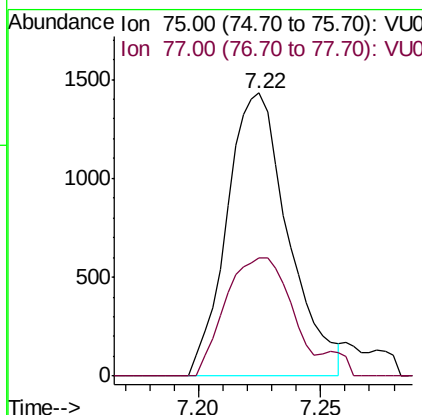
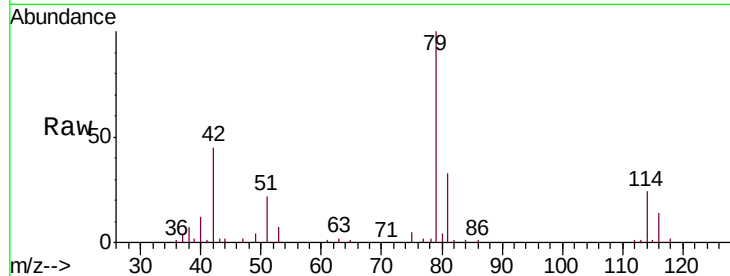




#39
 cis-1,3-Dichloropropene
 Concen: 1.113 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032464.D
 Acq: 05 Jun 2019 16:40

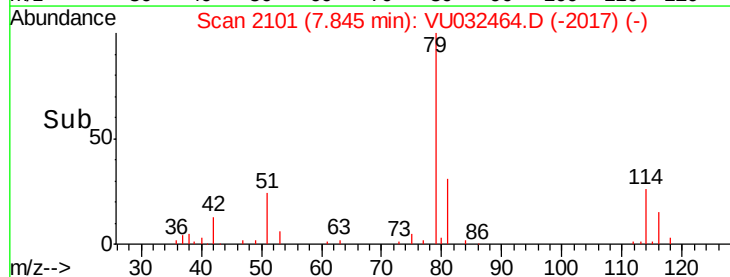
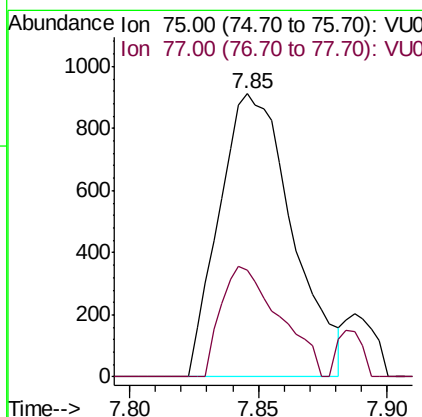
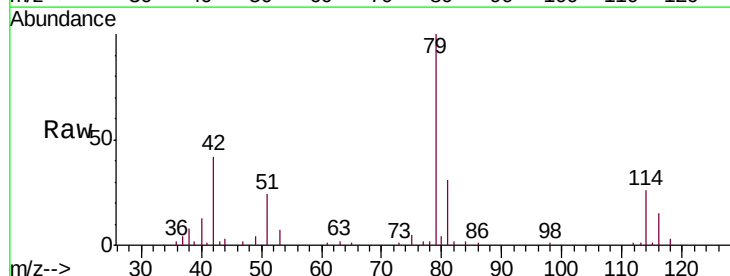
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

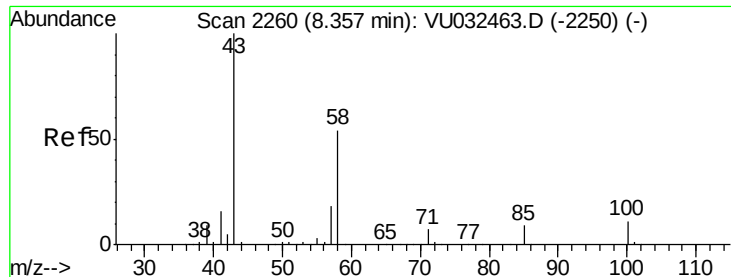
Tgt Ion: 75 Resp: 2501
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032464.D
 Acq: 05 Jun 2019 16:40

Tgt Ion: 75 Resp: 1800
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.1 41.1

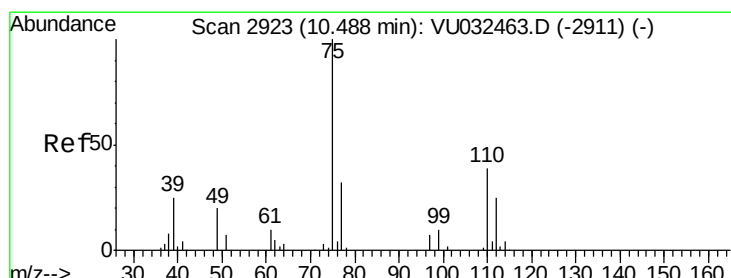
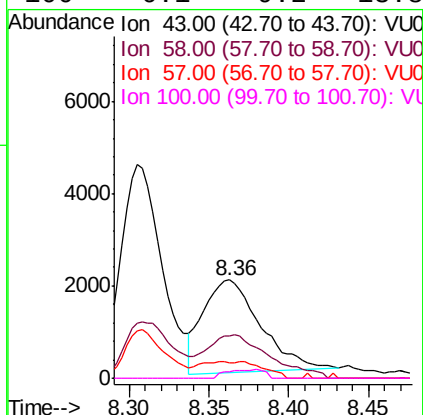
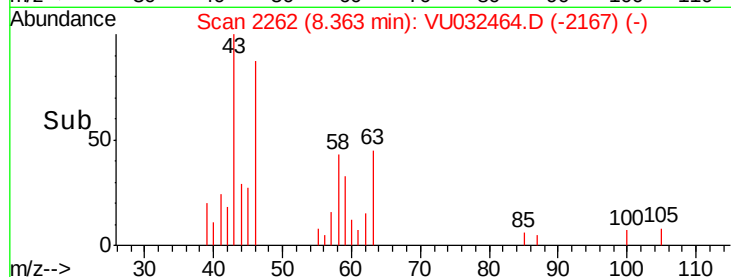
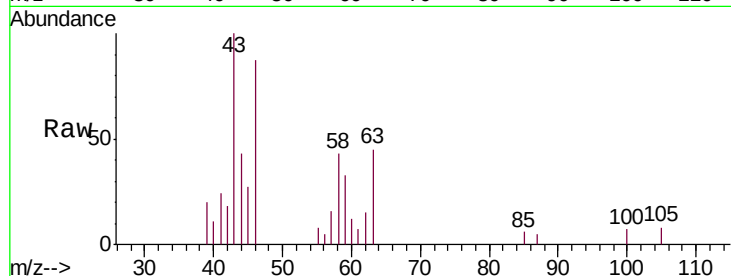




#48
2-Hexanone
Concen: 2.611 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032464.D
Acq: 05 Jun 2019 16:40

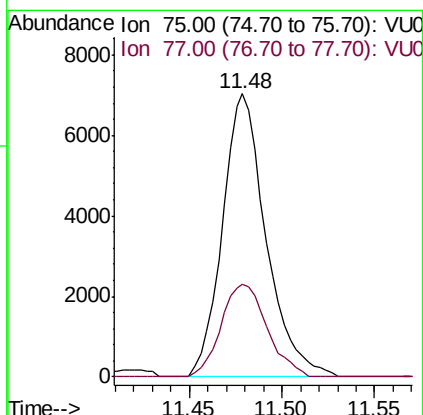
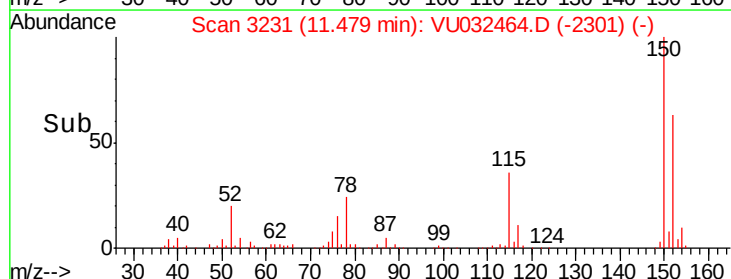
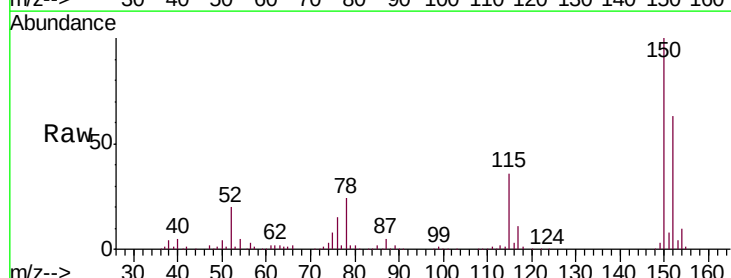
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MSVOA_U
ClientSampled :
VBLK46

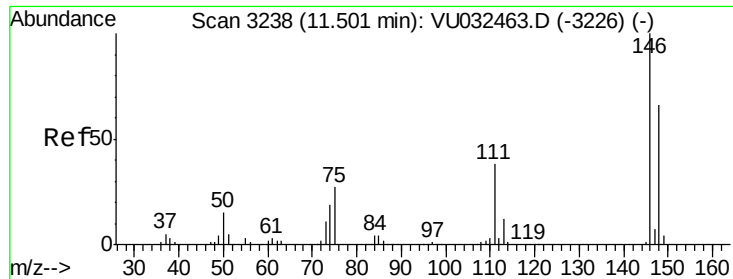
Tgt Ion: 43 Resp: 4912
Ion Ratio Lower Upper
43 100
58 51.4 42.0 63.0
57 1.3 14.6 22.0#
100 6.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.184 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032464.D
Acq: 05 Jun 2019 16:40

Tgt Ion: 75 Resp: 11448
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4





#63

1,4-Dichlorobenzene

Concen: 0.495 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032464.D

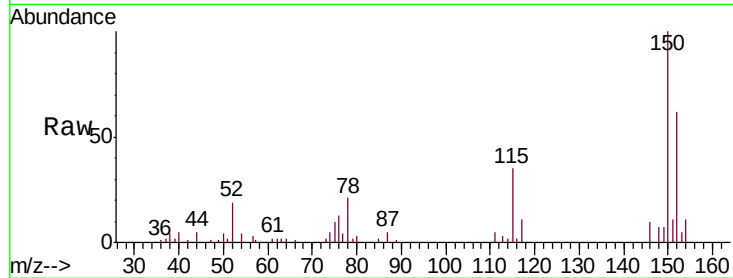
Acq: 05 Jun 2019 16:40

Instrument :

MSVOA_U

ClientSampleId :

VBLK46



Tgt Ion:	146	Resp:	1472
Ion	Ratio	Lower	Upper
146	100		
111	51.4	26.6	49.4#
148	70.1	44.9	83.5

