

Data File : VU032473.D
Acq On : 05 Jun 2019 20:06
Operator : JC/SP
Sample : K3213-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K1

Quant Time: Jun 06 04:09:06 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	206319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196385	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51635	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.67	69	44677	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.06%
11) 1,1-Dichloroethene-d2	2.27	63	81217	30.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.98%
21) 2-Butanone-d5	4.17	46	108931	97.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.64	84	113961	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.30	65	76766	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.33	84	237970	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.32	67	76228	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.56	98	227310	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.85	79	35350	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.42%
47) 2-Hexanone-d5	8.31	63	74427	95.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111184	48.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	97904	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%

Target Compounds

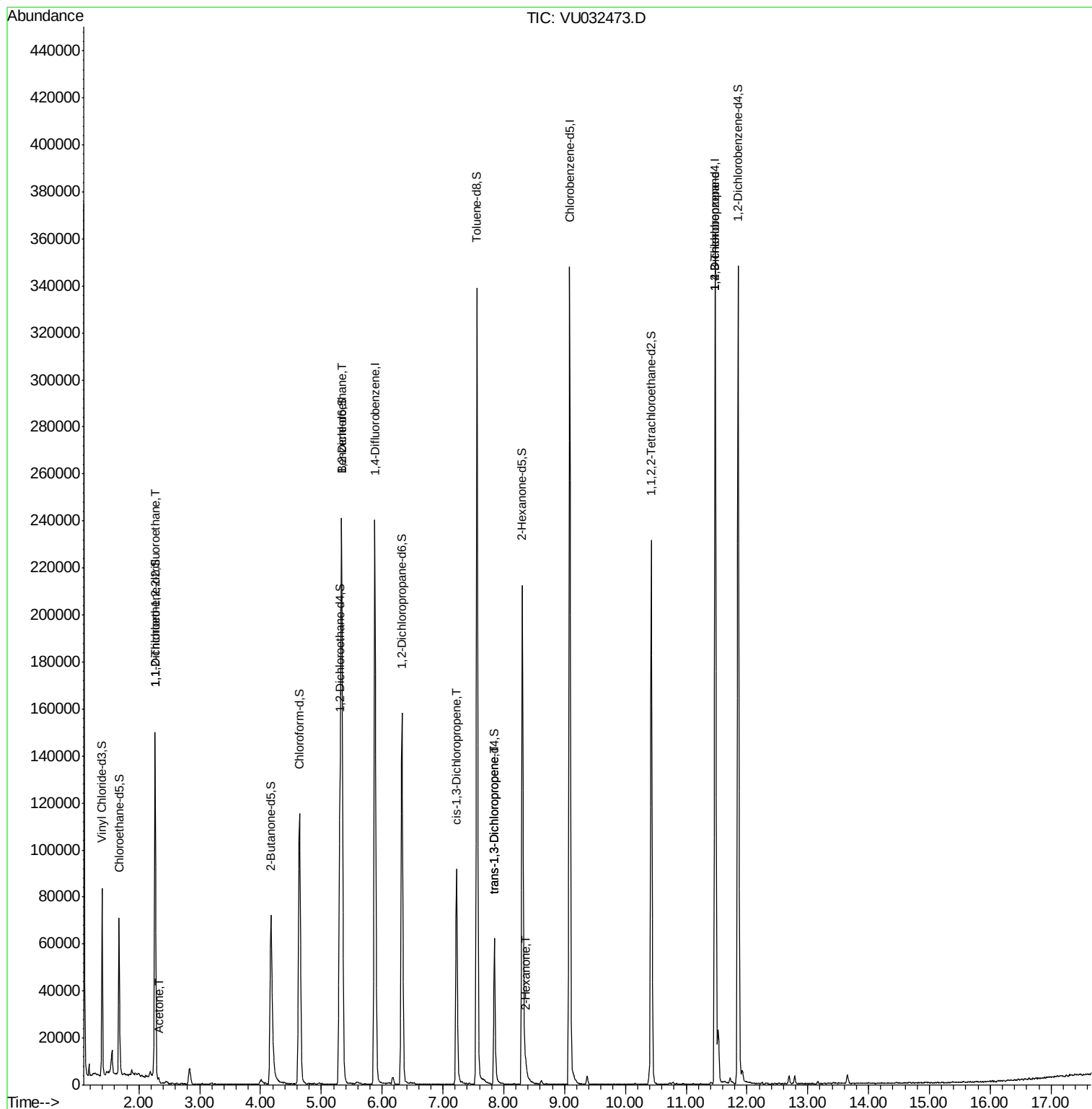
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	710	0.563	ug/L #	18
13) Acetone	2.32	43	816	0.706	ug/L	60
27) 1,2-Dichloroethane	5.33	62	1385	0.702	ug/L #	75
39) cis-1,3-Dichloropropene	7.22	75	2450	1.062	ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1757	0.858	ug/L #	81
48) 2-Hexanone	8.36	43	4009	2.074	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	11572	6.086	ug/L	93

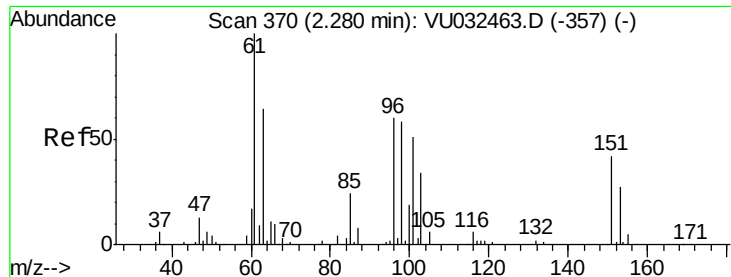
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.563 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032473.D

Acq: 05 Jun 2019 20:06

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MSVOA_U

ClientSampleId :

DB8K1

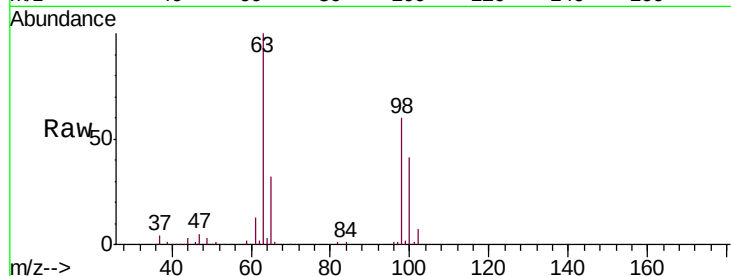
Tgt Ion: 101 Resp: 710

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

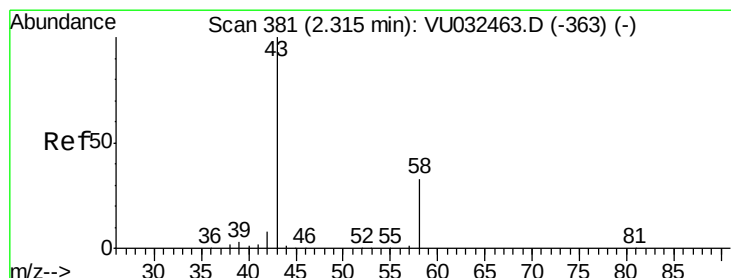
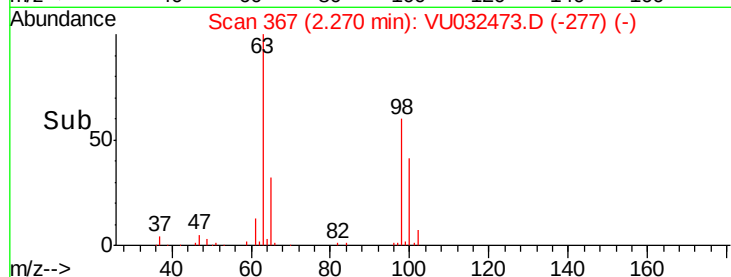
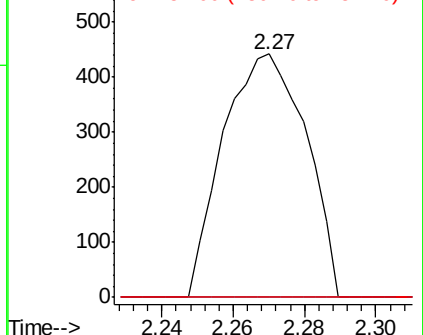
151 0.0 63.0 94.4#



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: 0.706 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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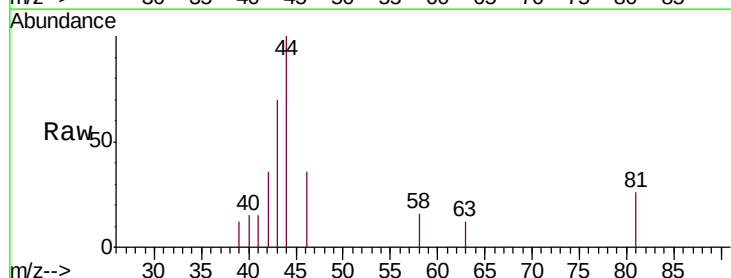
Acq: 05 Jun 2019 20:06

Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

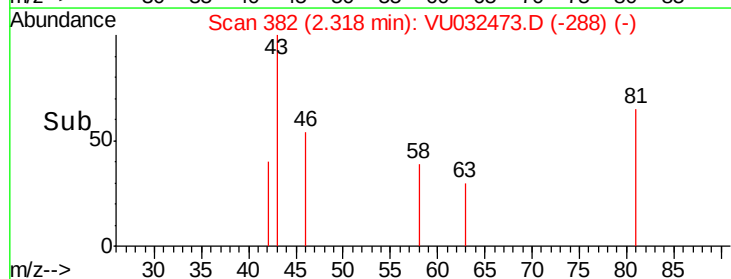
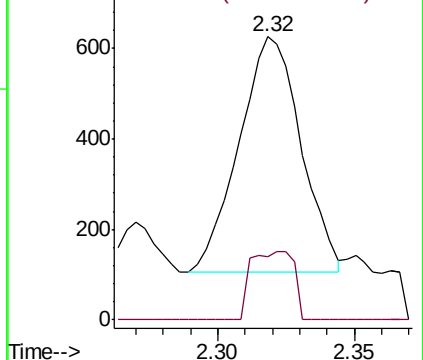
43 100

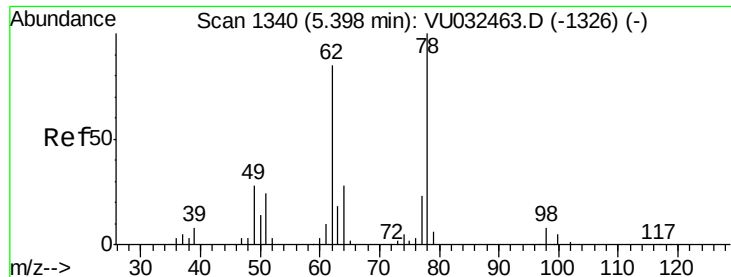
58 9.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

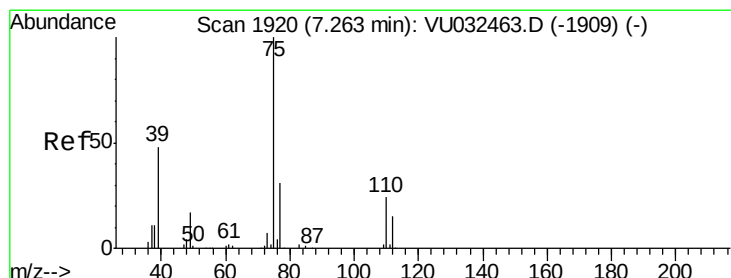
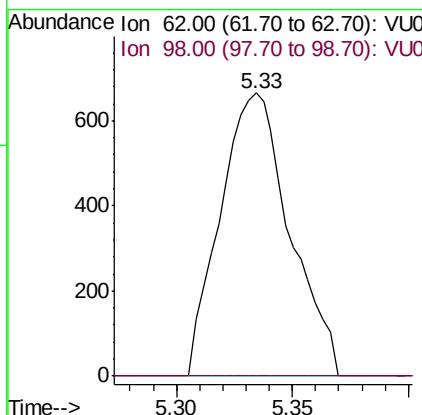
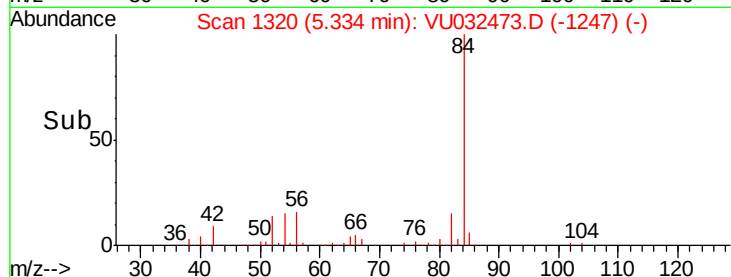
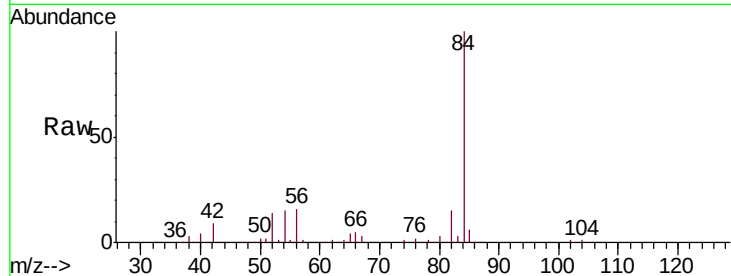




#27
 1,2-Dichloroethane
 Concen: 0.702 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032473.D
 Acq: 05 Jun 2019 20:06

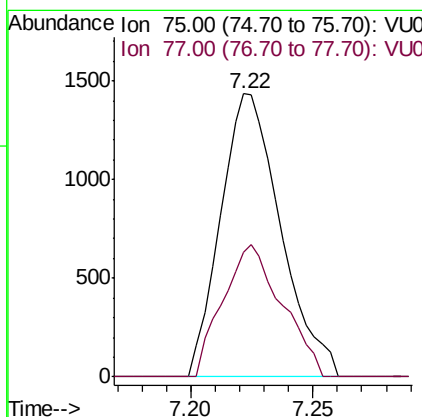
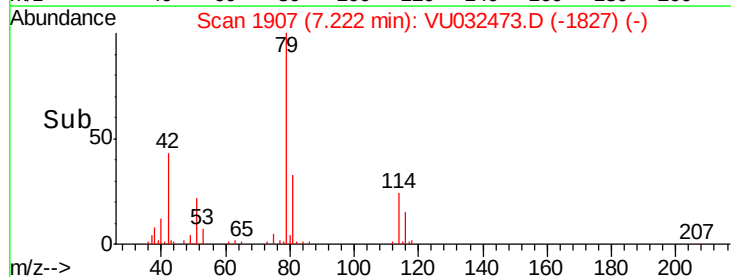
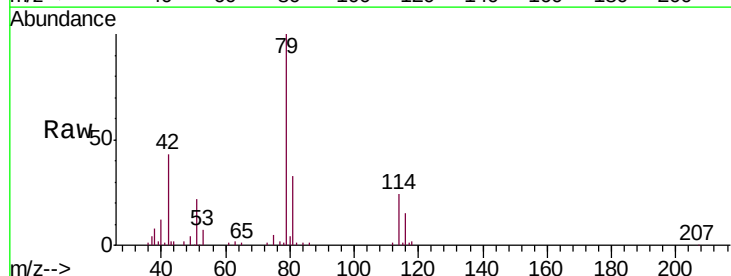
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K1

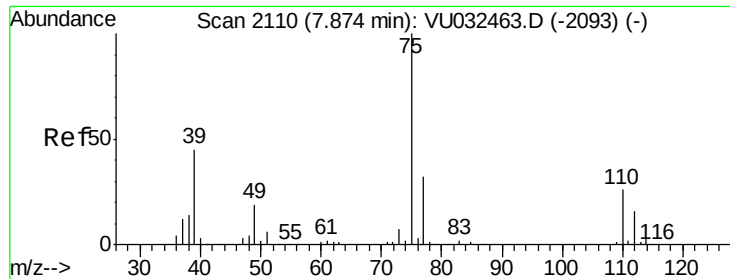
Tgt Ion: 62 Resp: 1385
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.062 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032473.D
 Acq: 05 Jun 2019 20:06

Tgt Ion: 75 Resp: 2450
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.0 41.0#

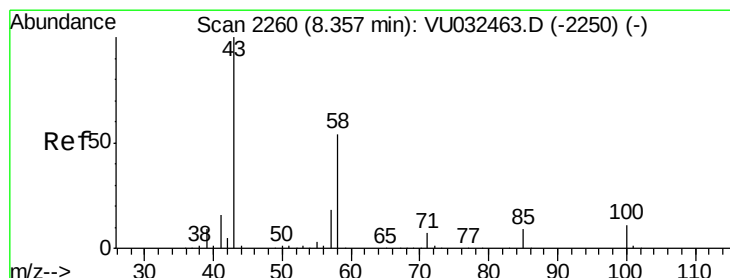
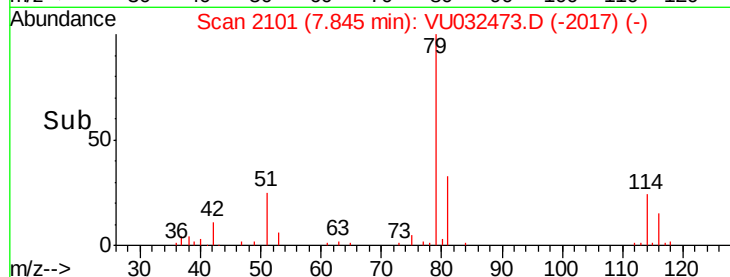
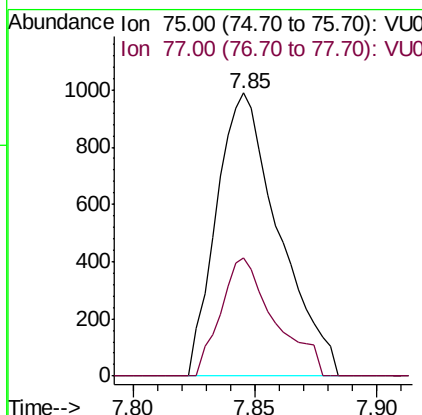
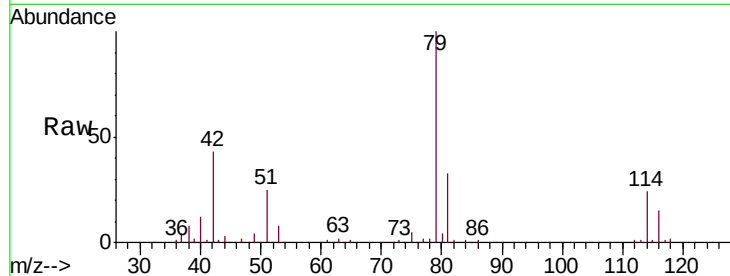




#44
trans-1,3-Dichloropropene
Concen: 0.858 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032473.D
Acq: 05 Jun 2019 20:06

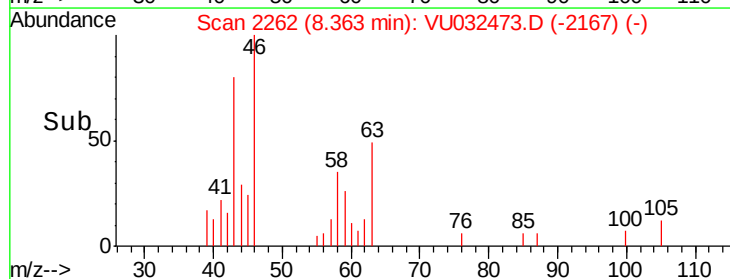
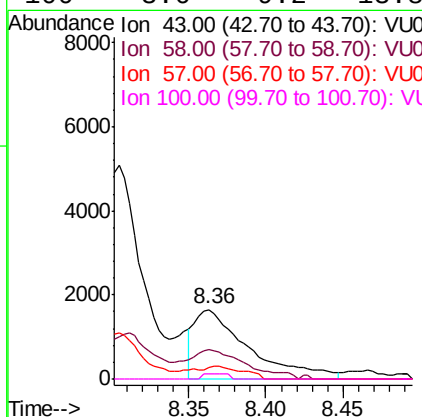
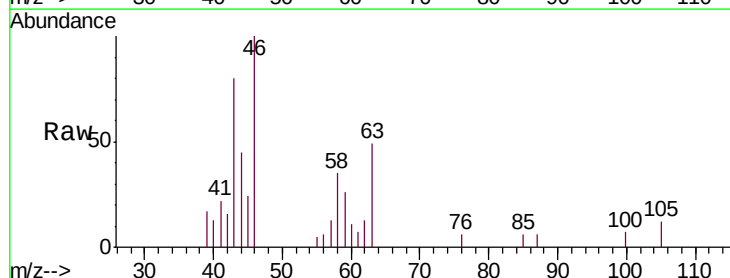
Instrument :
MSVOA_U
ClientSampled :
DB8K1

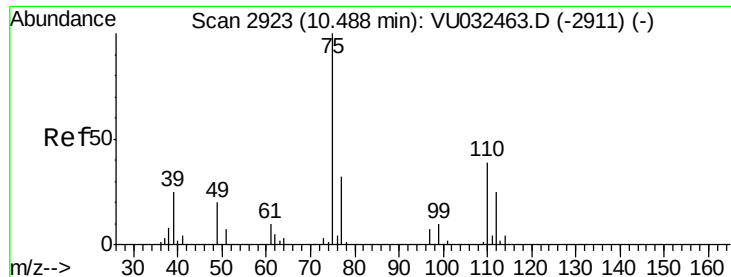
Tgt Ion: 75 Resp: 1757
Ion Ratio Lower Upper
75 100
77 41.9 22.1 41.1#



#48
2-Hexanone
Concen: 2.074 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032473.D
Acq: 05 Jun 2019 20:06

Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
58 39.5 42.0 63.0#
57 12.8 14.6 22.0#
100 3.6 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.086 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032473.D
 Acq: 05 Jun 2019 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K1

Tgt Ion: 75 Resp: 11572
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.6 38.4

