

Data File : VU032573.D
Acq On : 10 Jun 2019 18:30
Operator : JC/SP
Sample : K3277-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B1DL

Quant Time: Jun 11 05:42:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188204	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	178427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90646	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55202	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.42%
7) Chloroethane-d5	1.68	69	47080	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.96%
11) 1,1-Dichloroethene-d2	2.27	63	84683	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	4.17	46	105533	103.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.64	84	110840	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.30	65	74221	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.33	84	226241	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.32	67	72624	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.00%
41) Toluene-d8	7.56	98	209841	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.85	79	34715	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	63397	89.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104136	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	87140	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

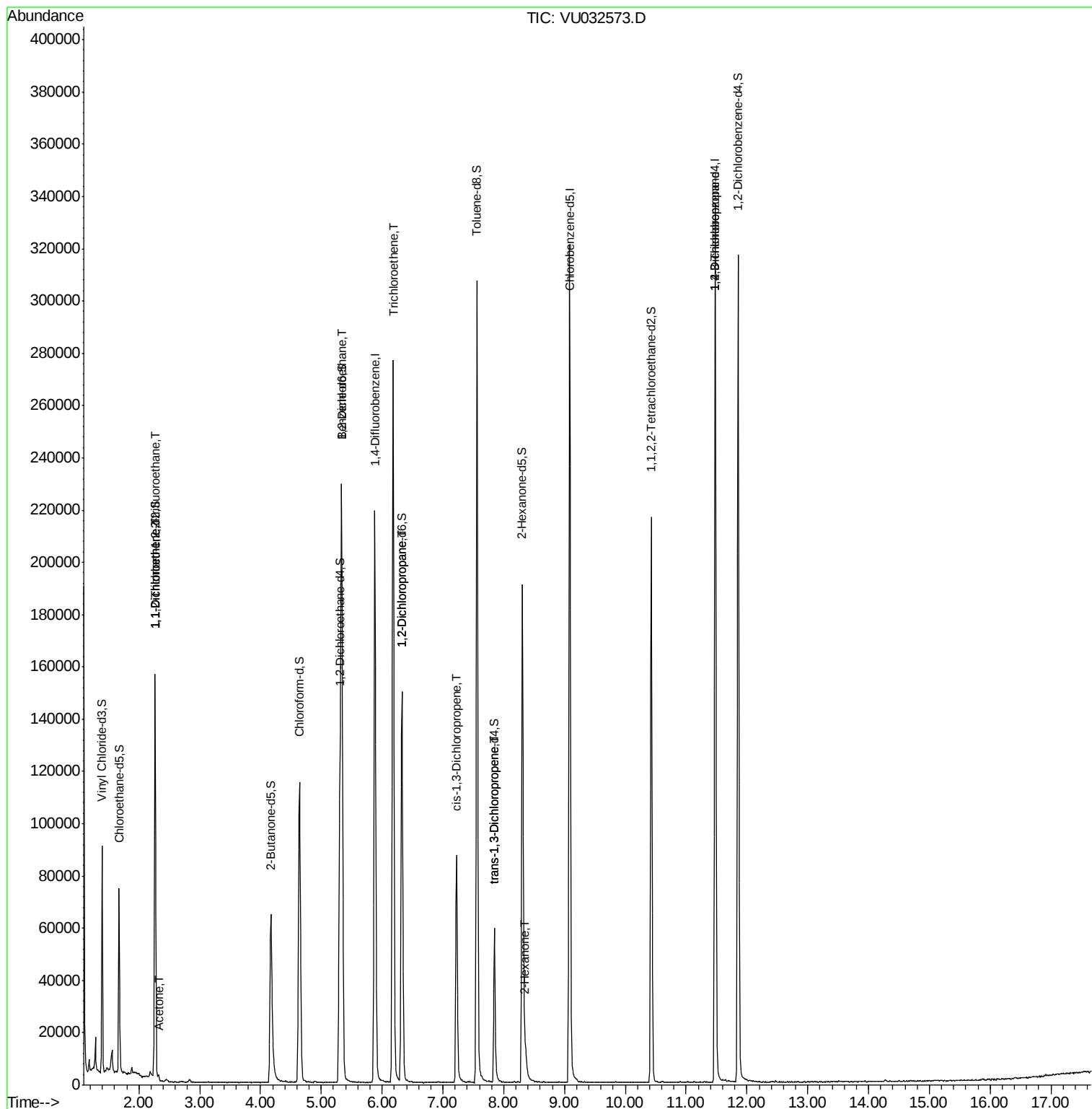
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	762	0.663	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	619	0.554	ug/L #	1
13) Acetone	2.32	43	1423	1.350	ug/L	86
27) 1,2-Dichloroethane	5.33	62	1408	0.782	ug/L #	75
34) Trichloroethene	6.18	95	90976	66.702	ug/L	99
37) 1,2-Dichloropropane	6.32	63	7883	5.932	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2455	1.171	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1603	0.861	ug/L #	81
48) 2-Hexanone	8.36	43	5691	3.241	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	10476	6.064	ug/L	90

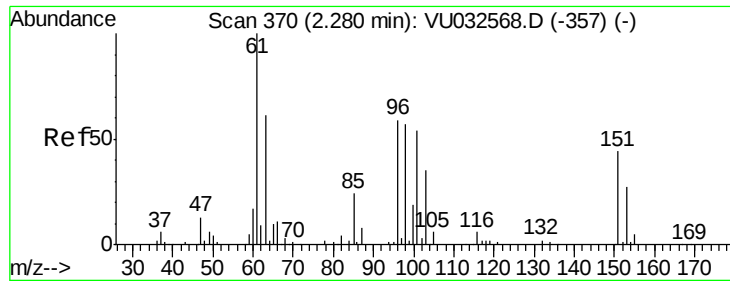
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032573.D
Acq On : 10 Jun 2019 18:30
Operator : JC/SP
Sample : K3277-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B1DL

Quant Time: Jun 11 05:42:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032573.D

Acq: 10 Jun 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

DB8B1DL

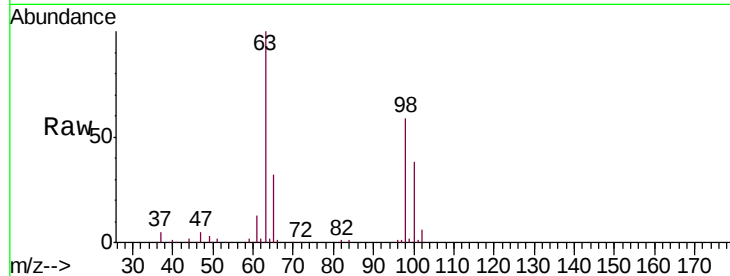
Tgt Ion: 101 Resp: 762

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

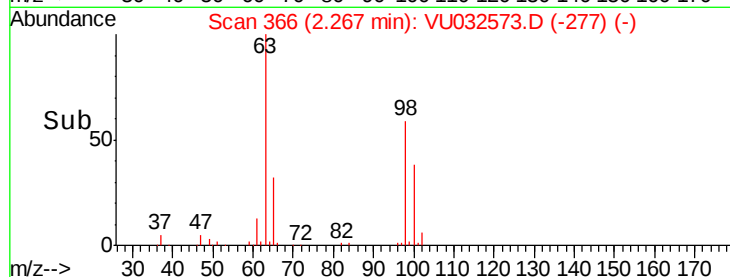
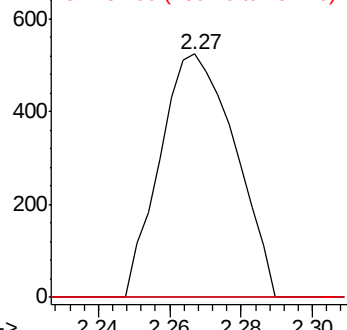
151 0.0 63.0 94.4#



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: 0.554 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032573.D

Acq: 10 Jun 2019 18:30

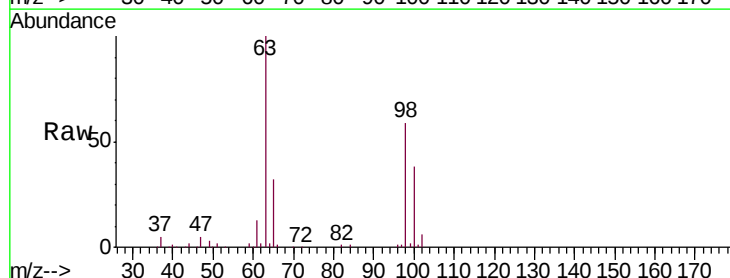
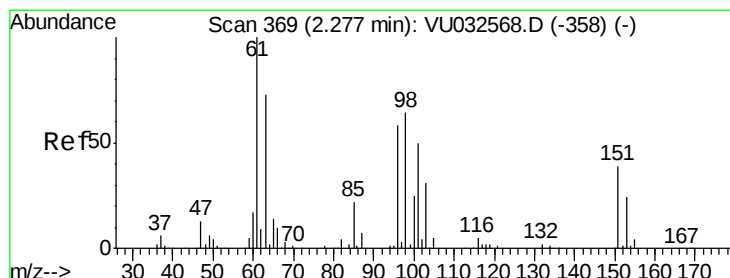
Tgt Ion: 96 Resp: 619

Ion Ratio Lower Upper

96 100

61 1538.6 129.5 240.5#

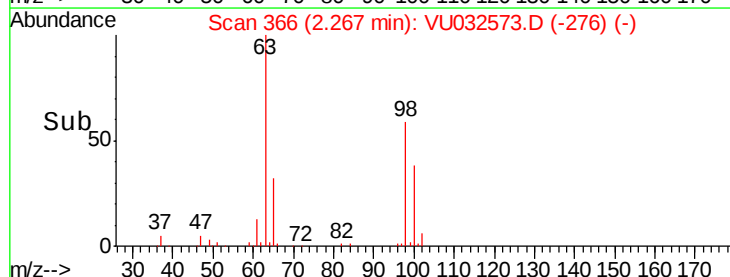
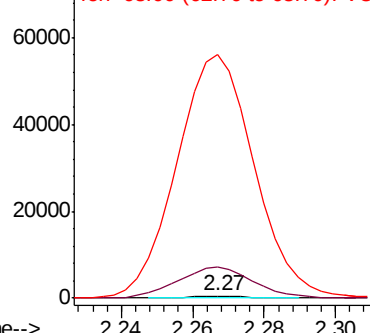
63 12170.1 103.4 192.0#

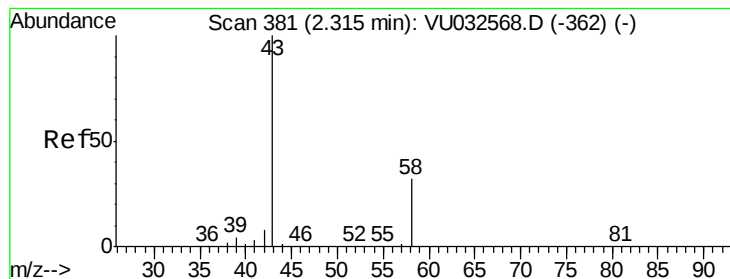


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.350 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032573.D

Acq: 10 Jun 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

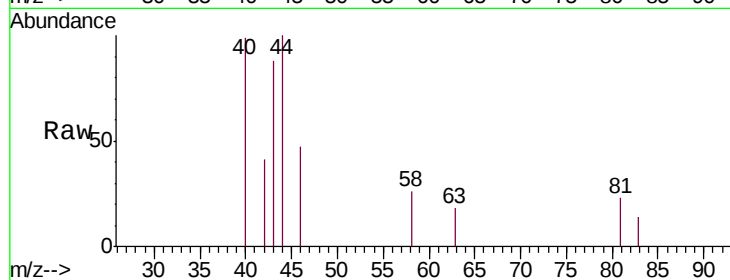
DB8B1DL

Tgt Ion: 43 Resp: 1423

Ion Ratio Lower Upper

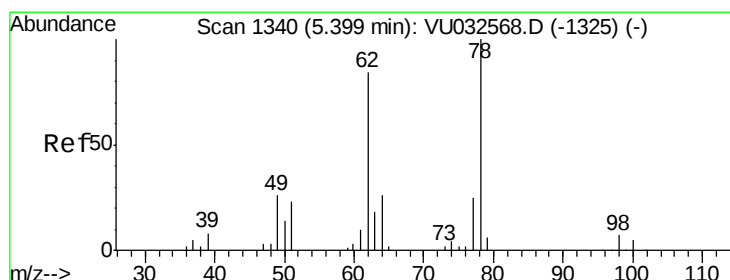
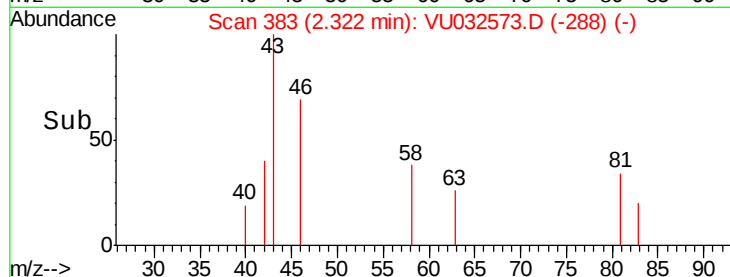
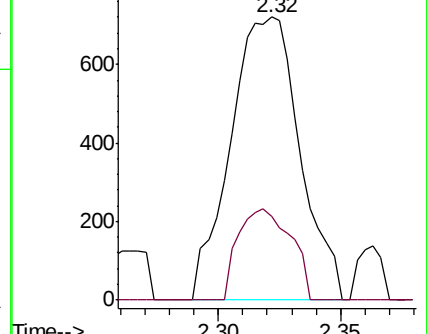
43 100

58 24.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)



#27

1,2-Dichloroethane

Concen: 0.782 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032573.D

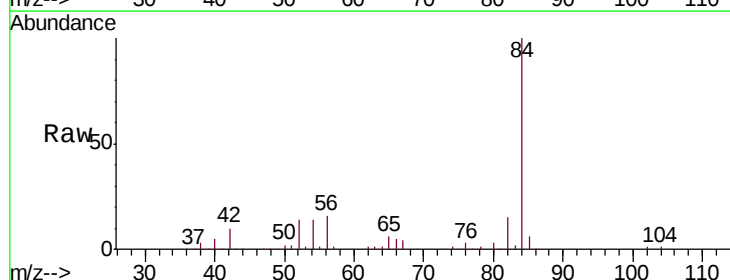
Acq: 10 Jun 2019 18:30

Tgt Ion: 62 Resp: 1408

Ion Ratio Lower Upper

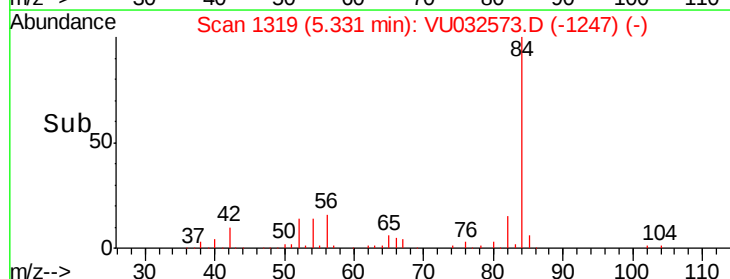
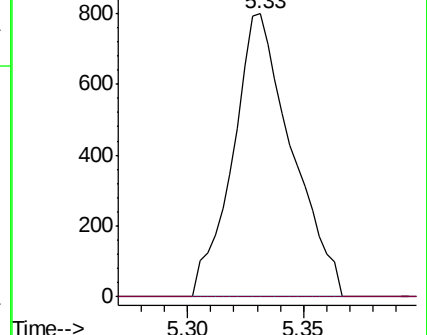
62 100

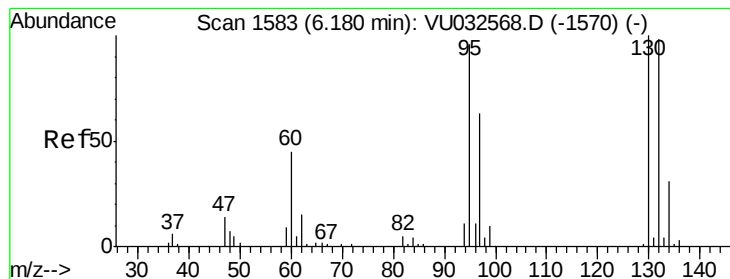
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032568.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032568.D (-1325) (-)





#34

Trichloroethene

Concen: 66.702 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032573.D

Acq: 10 Jun 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

DB8B1DL

Tgt Ion: 95 Resp: 90976

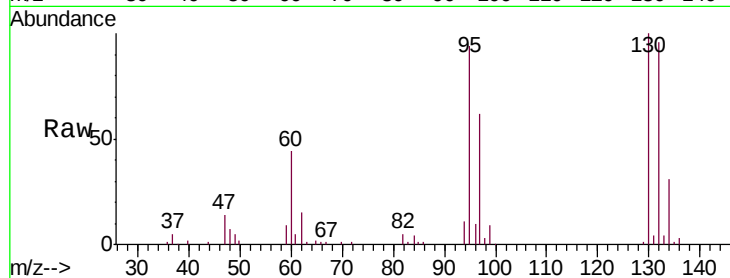
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 101.8 71.0 131.8

130 106.3 73.4 136.2

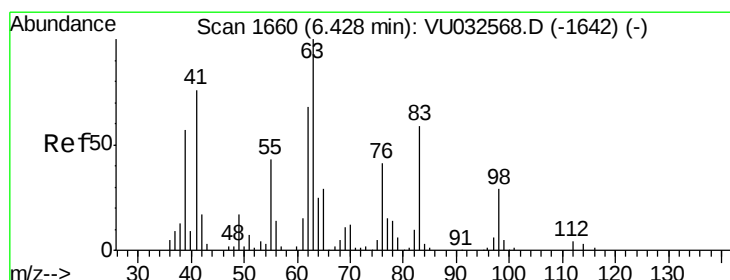
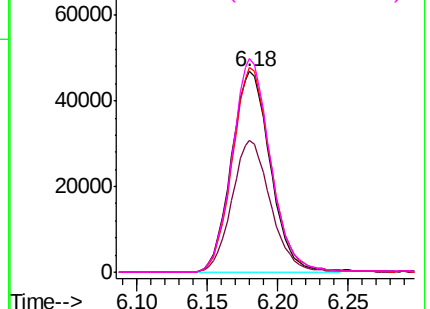
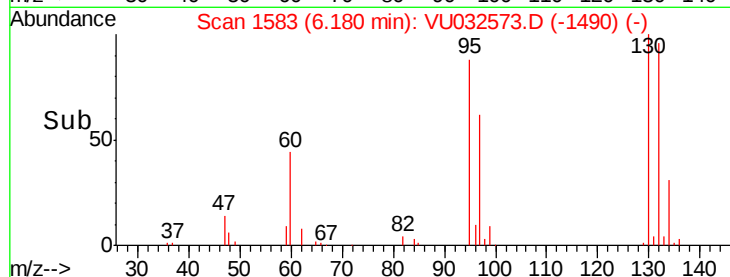


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.932 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU032573.D

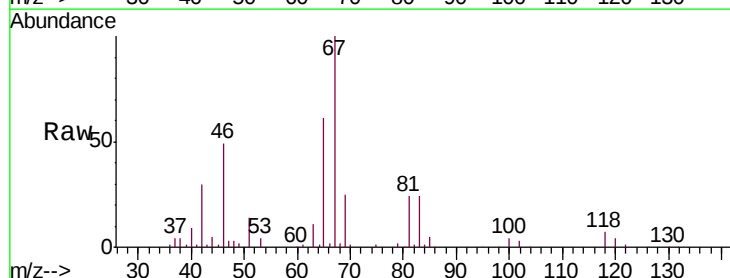
Acq: 10 Jun 2019 18:30

Tgt Ion: 63 Resp: 7883

Ion Ratio Lower Upper

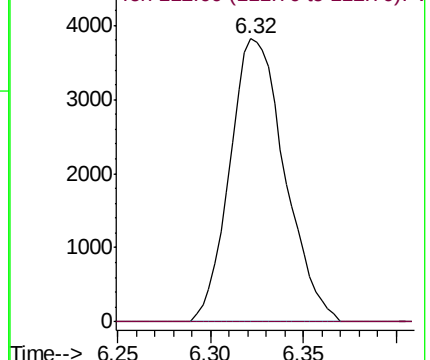
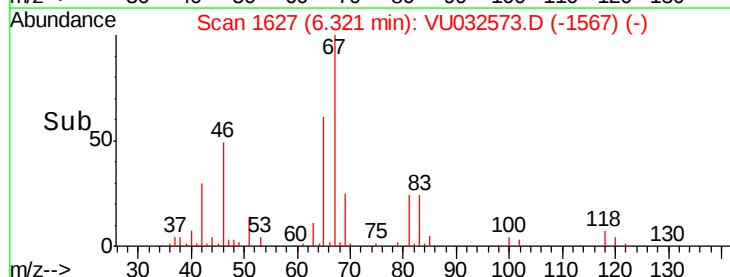
63 100

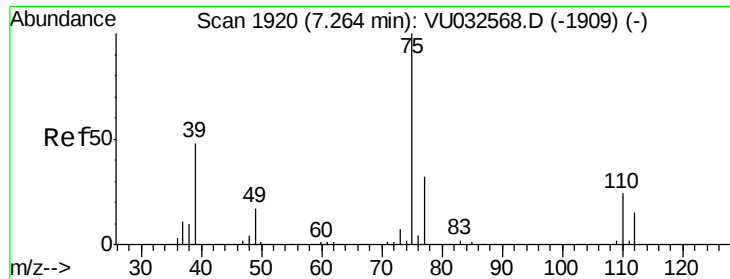
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

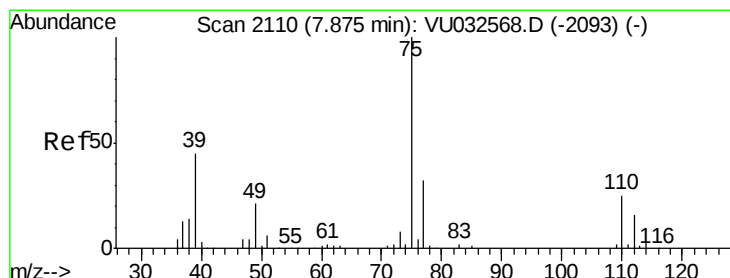
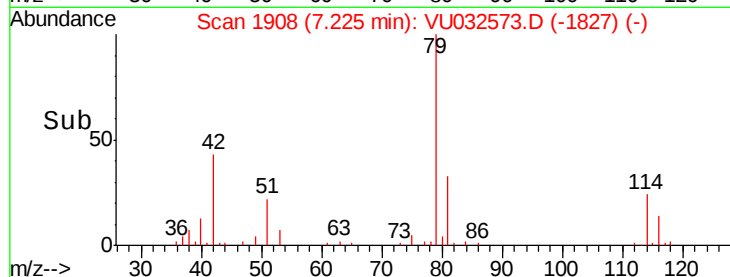
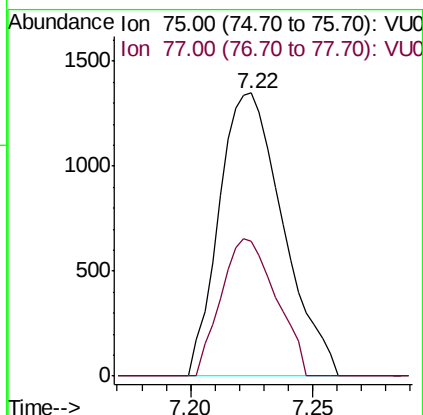
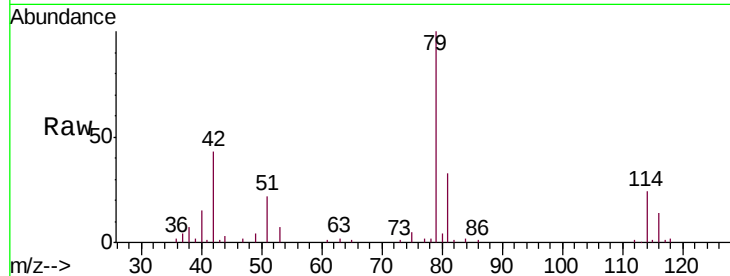




#39
 cis-1,3-Dichloropropene
 Concen: 1.171 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032573.D
 Acq: 10 Jun 2019 18:30

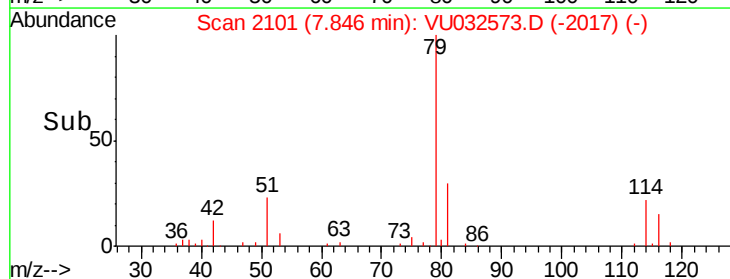
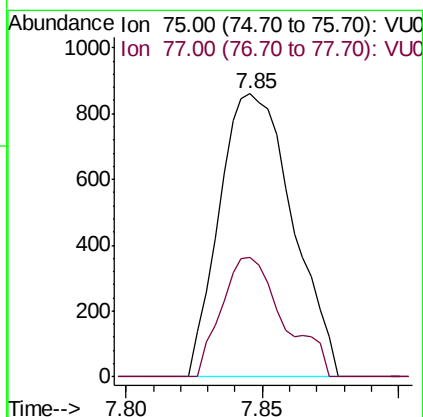
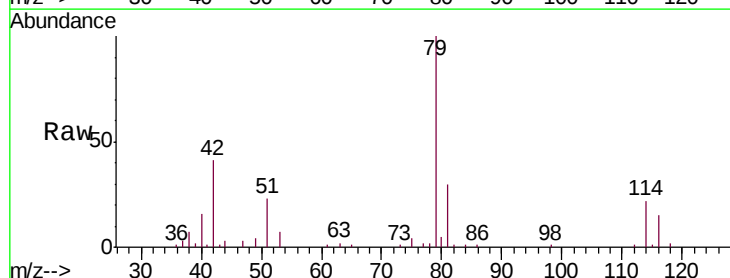
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8B1DL

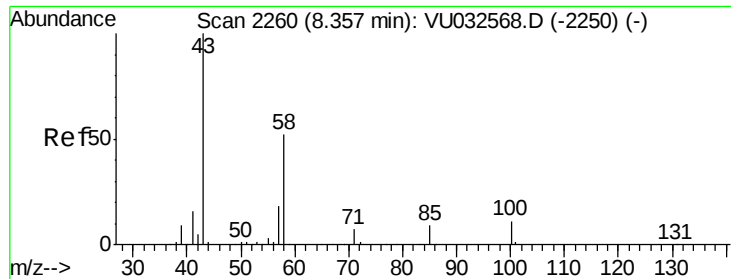
Tgt Ion: 75 Resp: 2455
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.861 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032573.D
 Acq: 10 Jun 2019 18:30

Tgt Ion: 75 Resp: 1603
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.1 41.1#

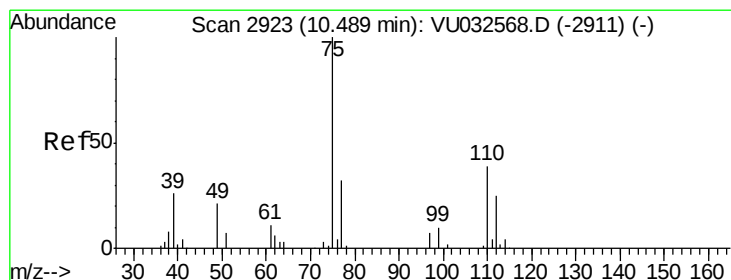
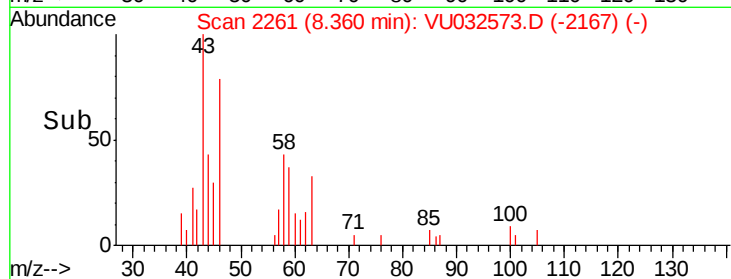
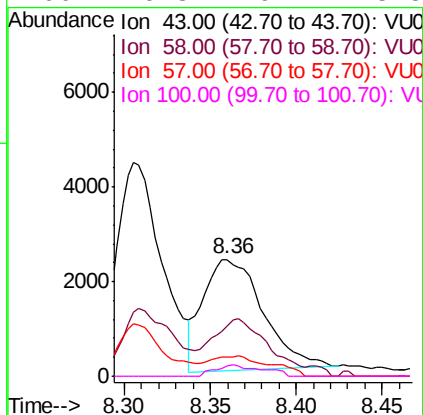
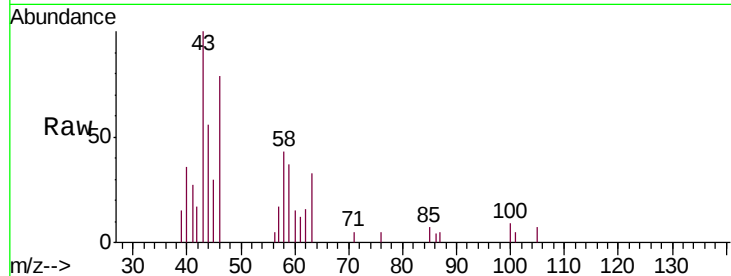




#48
 2-Hexanone
 Concen: 3.241 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032573.D
 Acq: 10 Jun 2019 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B1DL

Tgt Ion: 43 Resp: 5691
 Ion Ratio Lower Upper
 43 100
 58 39.2 42.0 63.0#
 57 18.4 14.6 22.0
 100 6.3 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.064 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032573.D
 Acq: 10 Jun 2019 18:30

Tgt Ion: 75 Resp: 10476
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.6 38.4

