

Data File : VU032567.D
Acq On : 10 Jun 2019 15:37
Operator : JC/SP
Sample : K3277-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B4

Quant Time: Jun 11 04:46:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	182950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61840	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.74%
7) Chloroethane-d5	1.68	69	49696	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.76%
11) 1,1-Dichloroethene-d2	2.27	63	92549	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.17	46	125755	116.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.33%
24) Chloroform-d	4.64	84	115098	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.30	65	75509	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.33	84	239925	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.32	67	75759	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.74%
41) Toluene-d8	7.56	98	222390	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	7.85	79	36297	50.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.86%
47) 2-Hexanone-d5	8.31	63	80076	110.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106329	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	92942	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

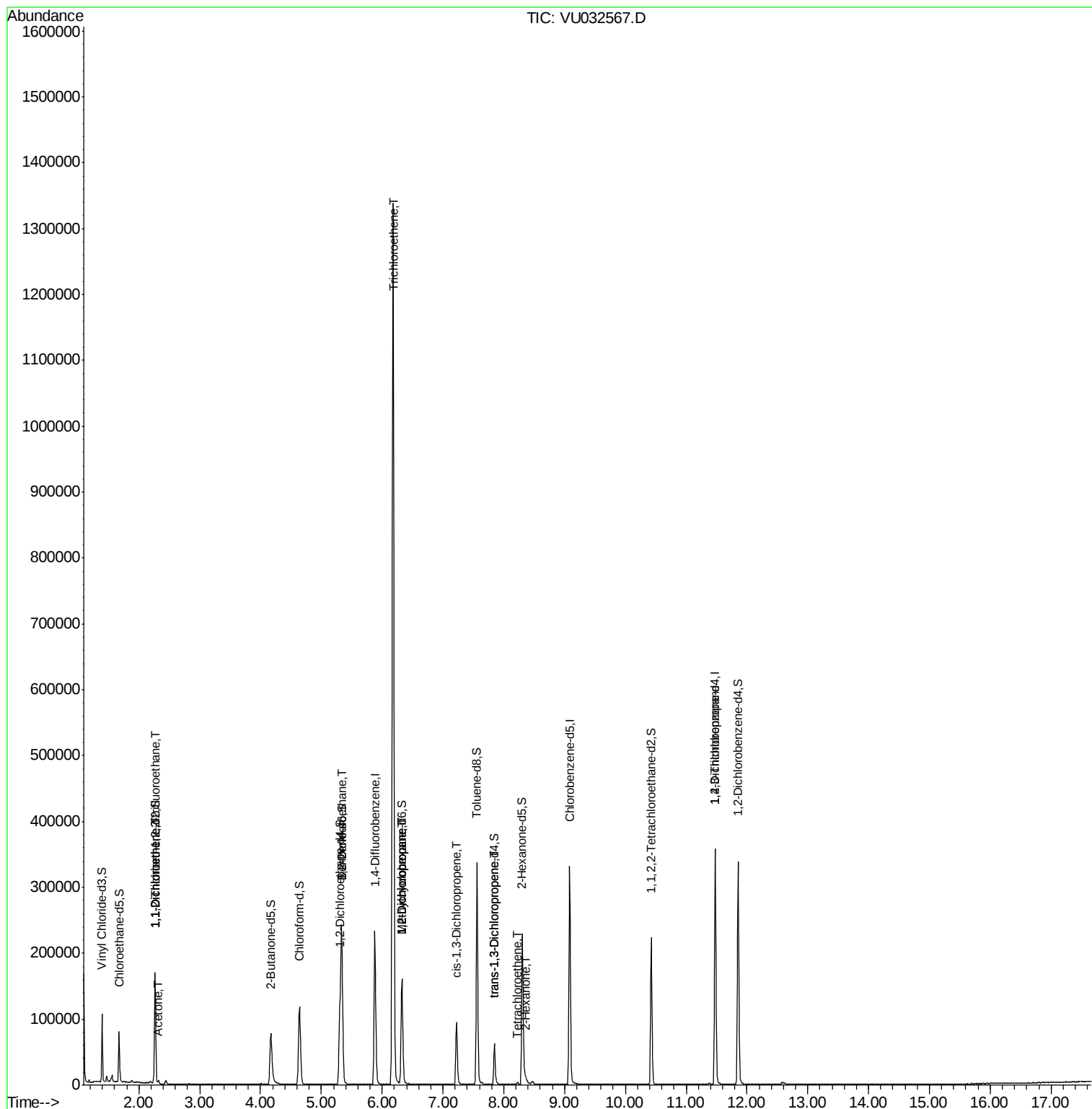
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	783	0.644	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	806	0.682	ug/L #	1
13) Acetone	2.32	43	4969	4.455	ug/L	93
27) 1,2-Dichloroethane	5.33	62	1311	0.689	ug/L #	75
34) Trichloroethene	6.18	95	441225	315.501	ug/L	99
35) Methylcyclohexane	6.32	83	17705	7.820	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8693	6.380	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2423	1.127	ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	1616	0.847	ug/L #	78
46) Tetrachloroethene	8.22	164	833	0.721	ug/L	96
48) 2-Hexanone	8.36	43	4322	2.400	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	11021	6.222	ug/L	92

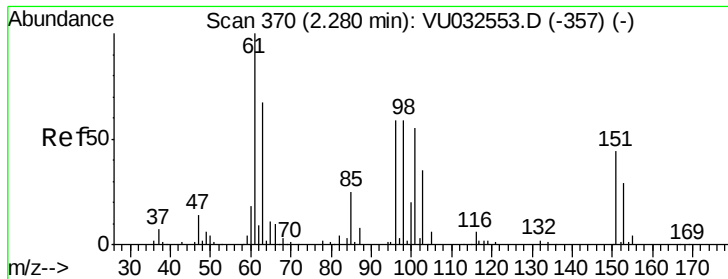
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.644 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032567.D

Acq: 10 Jun 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

DB8B4

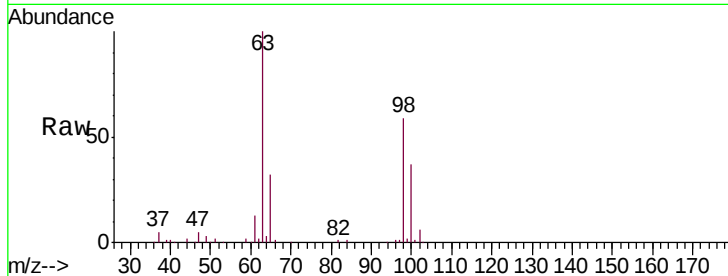
Tgt Ion: 101 Resp: 783

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

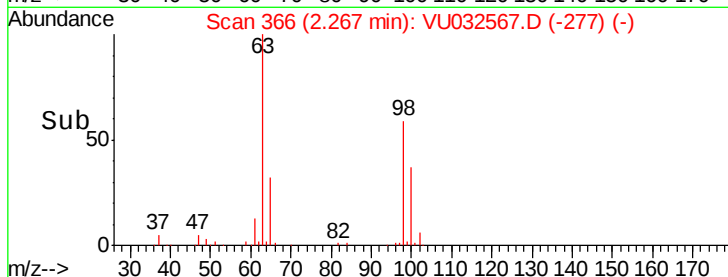
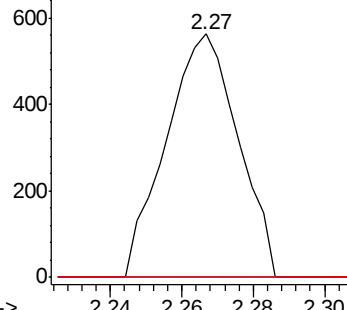
151 0.0 63.0 94.4#



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: 0.682 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032567.D

Acq: 10 Jun 2019 15:37

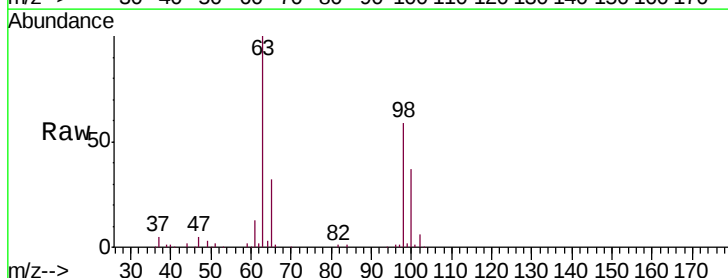
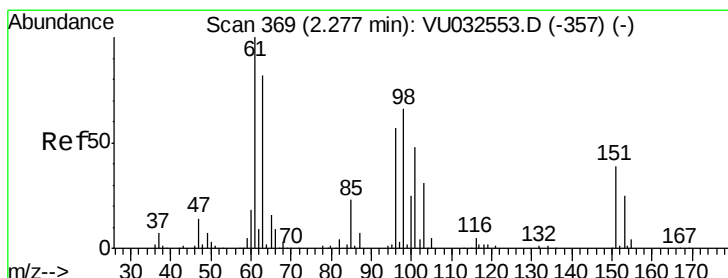
Tgt Ion: 96 Resp: 806

Ion Ratio Lower Upper

96 100

61 1451.4 129.5 240.5#

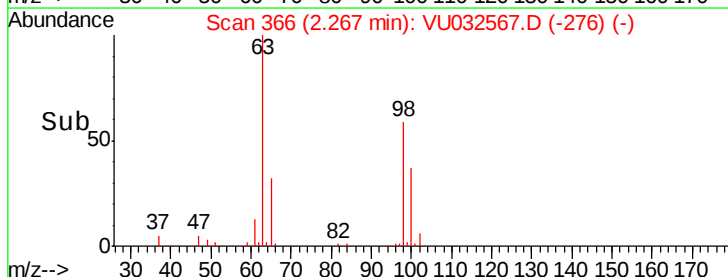
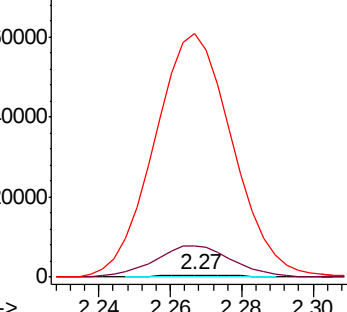
63 11208.8 103.4 192.0#

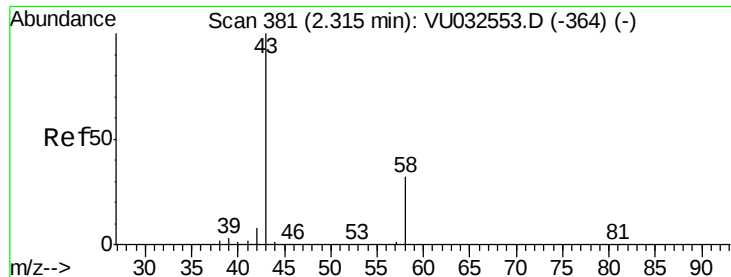


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.455 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

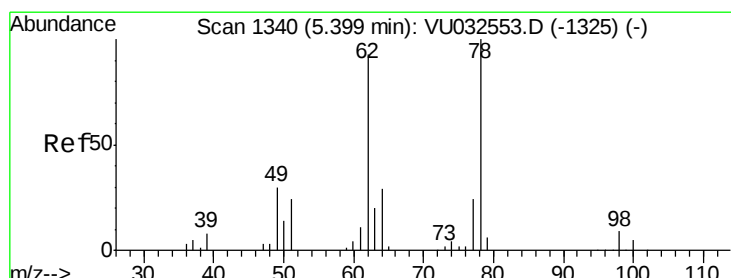
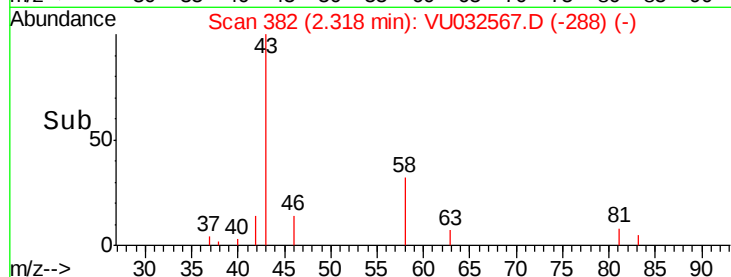
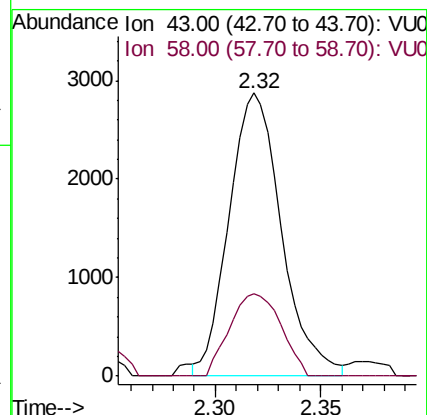
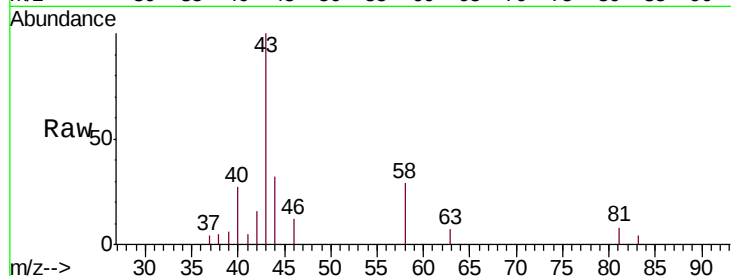
DB8B4

Tgt Ion: 43 Resp: 4969

Ion Ratio Lower Upper

43 100

58 28.4 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.689 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032567.D

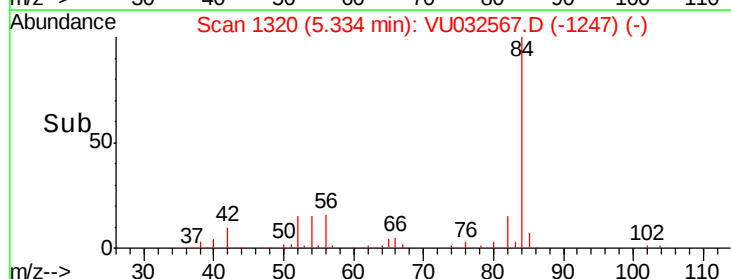
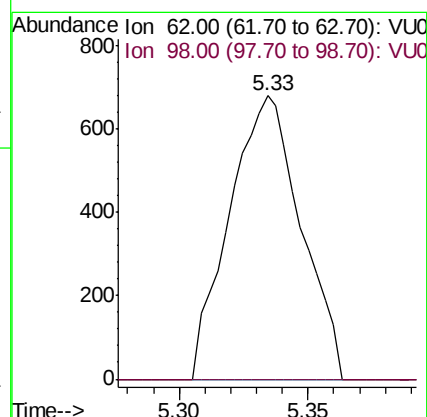
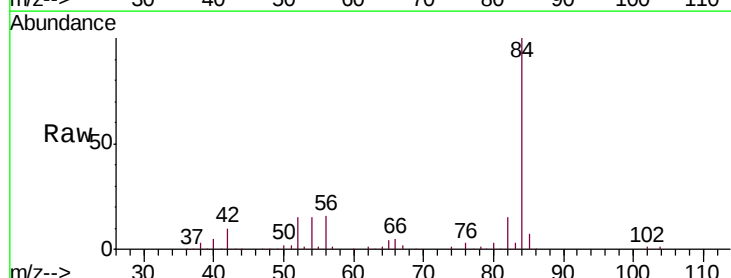
Acq: 10 Jun 2019 15:37

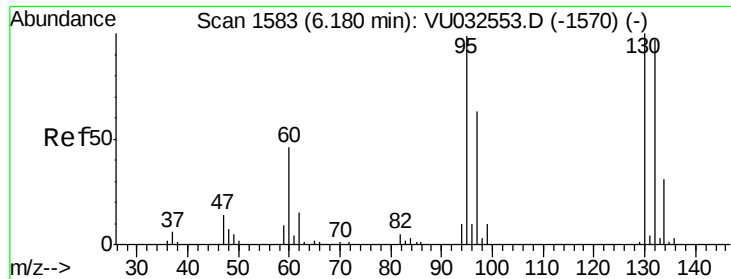
Tgt Ion: 62 Resp: 1311

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

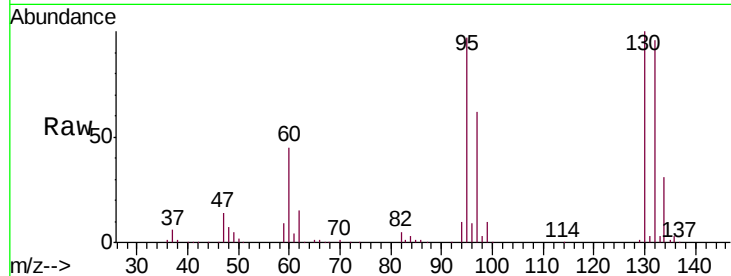




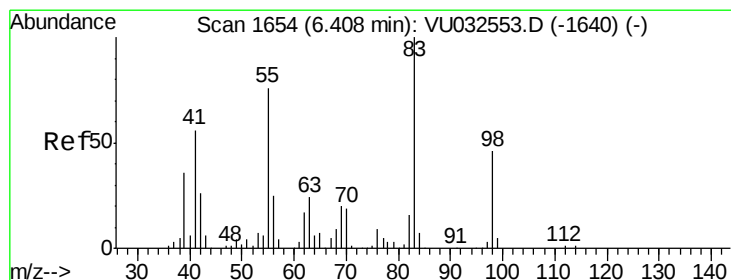
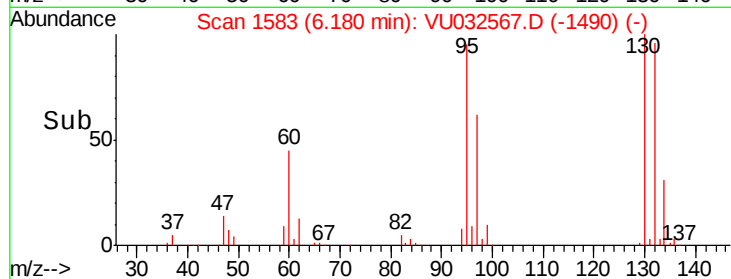
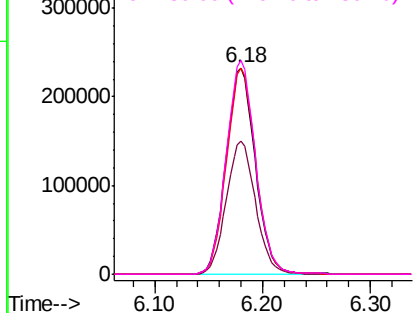
#34
 Trichloroethene
 Concen: 315.501 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU032567.D
 Acq: 10 Jun 2019 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B4

Tgt Ion: 95 Resp: 441225
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.8 85.2
 132 99.8 71.0 131.8
 130 103.5 73.4 136.2

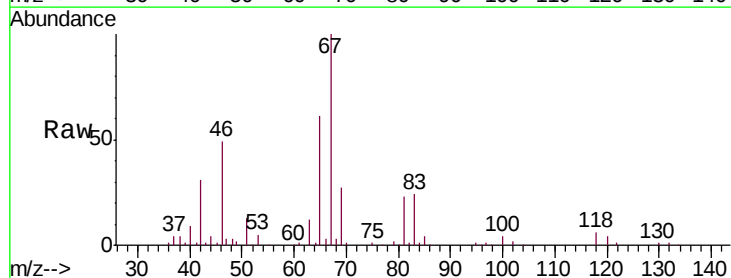


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

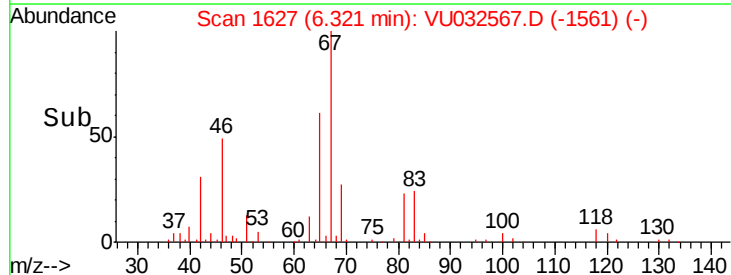
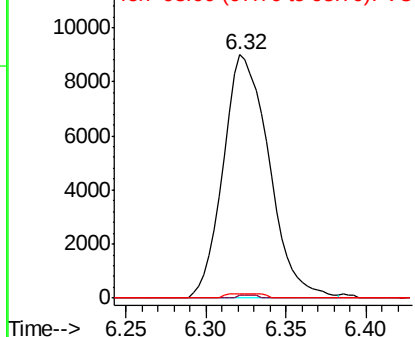


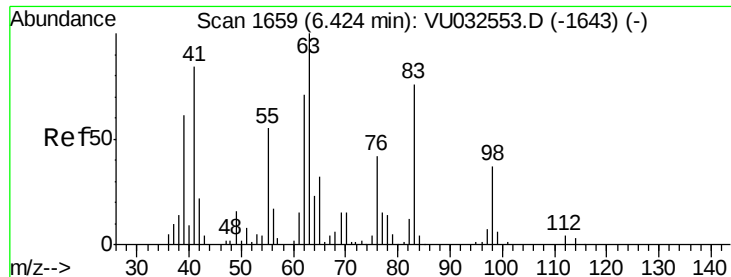
#35
 Methylcyclohexane
 Concen: 7.820 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.09 min
 Lab File: VU032567.D
 Acq: 10 Jun 2019 15:37

Tgt Ion: 83 Resp: 17705
 Ion Ratio Lower Upper
 83 100
 55 0.4 60.2 90.4#
 98 0.8 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

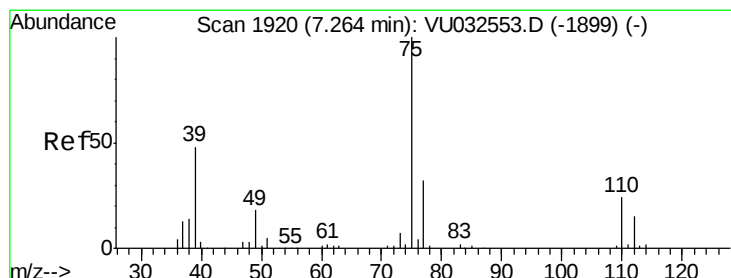
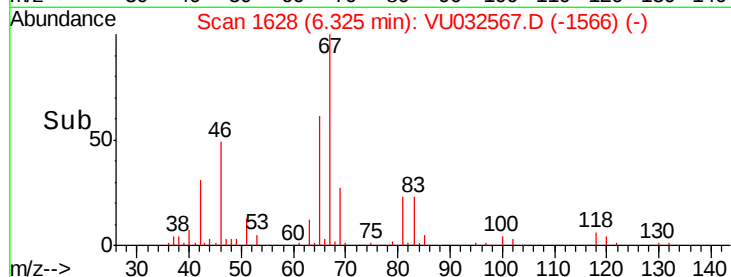
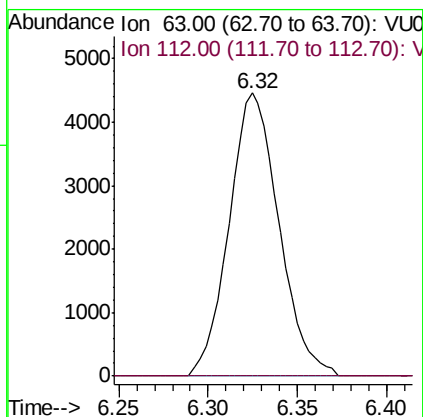
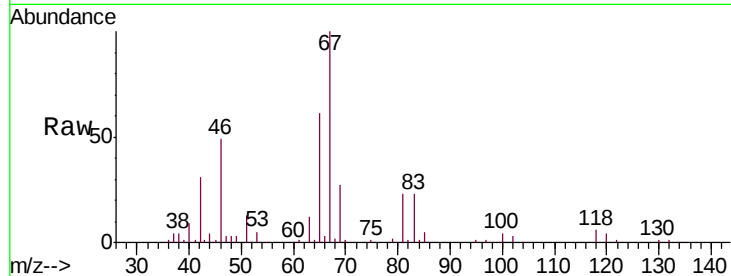




#37
 1,2-Dichloropropane
 Concen: 6.380 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032567.D
 Acq: 10 Jun 2019 15:37

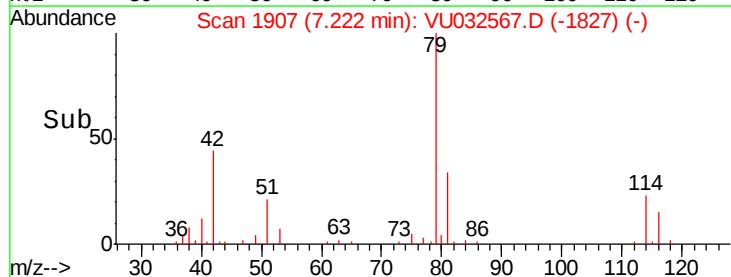
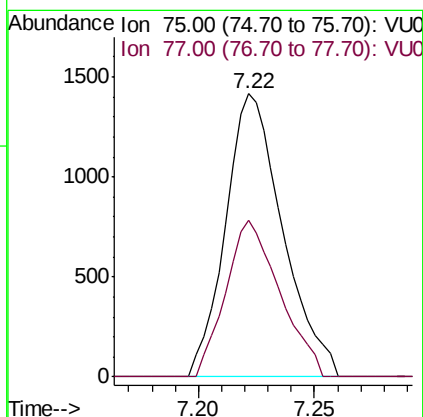
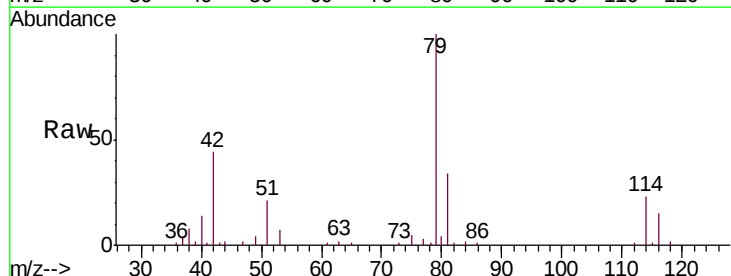
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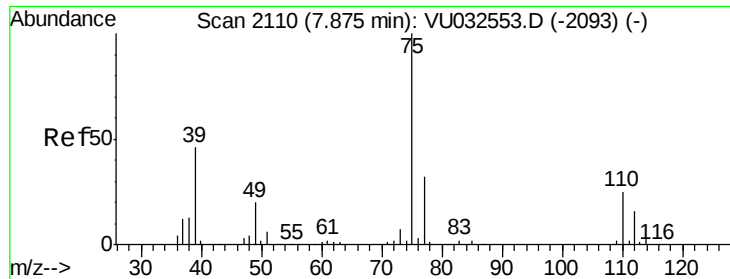
Tgt Ion: 63 Resp: 8693
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.127 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032567.D
 Acq: 10 Jun 2019 15:37

Tgt Ion: 75 Resp: 2423
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.0 41.0#

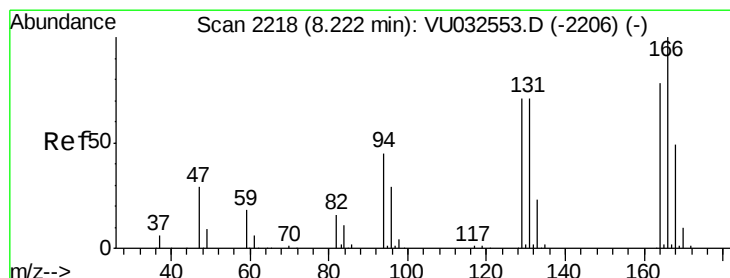
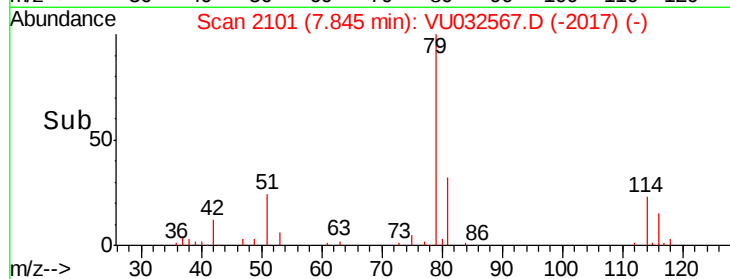
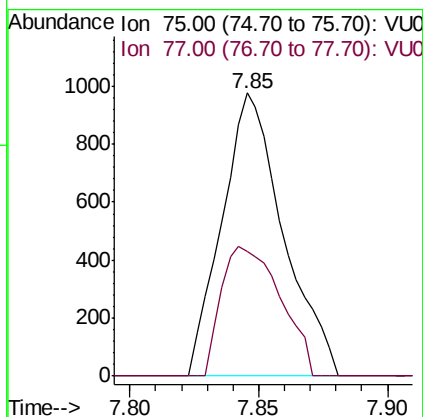
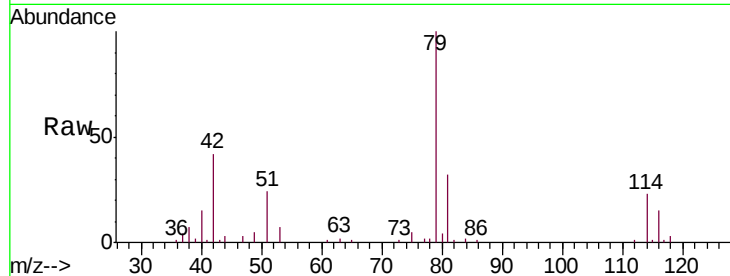




#44
trans-1,3-Dichloropropene
Concen: 0.847 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032567.D
Acq: 10 Jun 2019 15:37

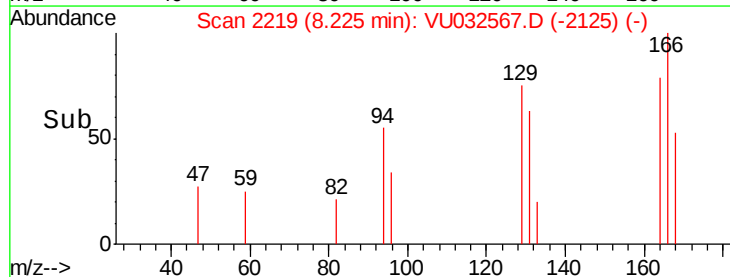
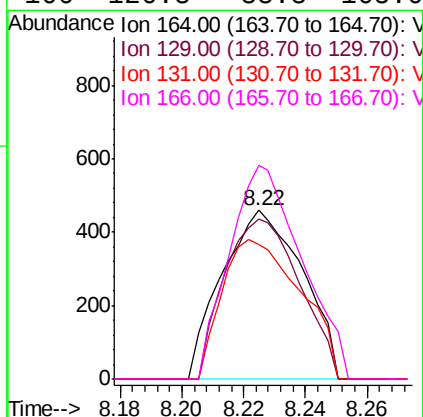
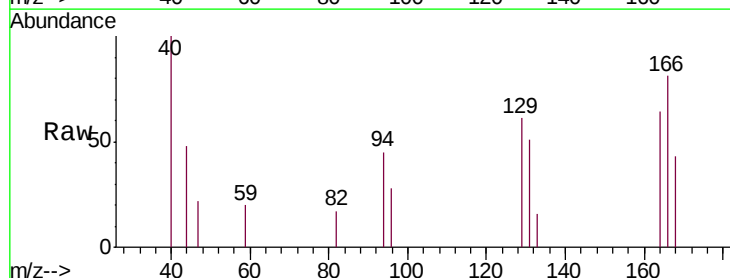
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MSVOA_U
ClientSampled :
DB8B4

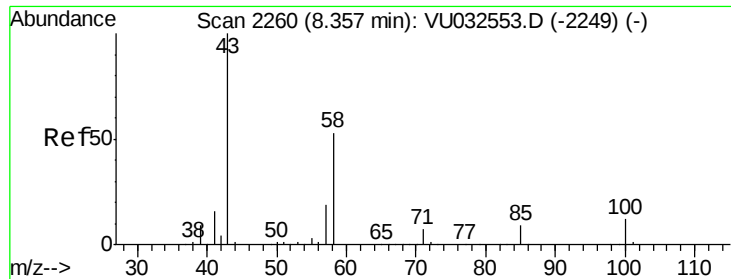
Tgt Ion: 75 Resp: 1616
Ion Ratio Lower Upper
75 100
77 44.1 22.1 41.1#



#46
Tetrachloroethene
Concen: 0.721 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032567.D
Acq: 10 Jun 2019 15:37

Tgt Ion:164 Resp: 833
Ion Ratio Lower Upper
164 100
129 94.8 65.3 121.3
131 79.5 64.0 119.0
166 126.8 88.8 165.0

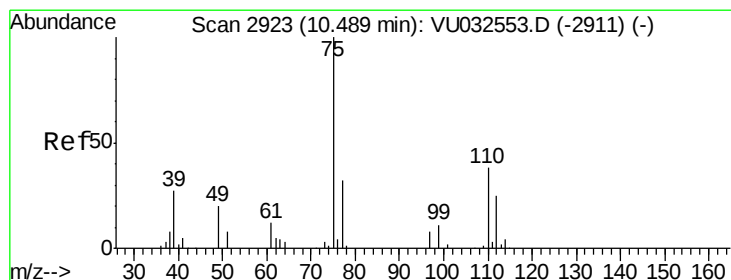
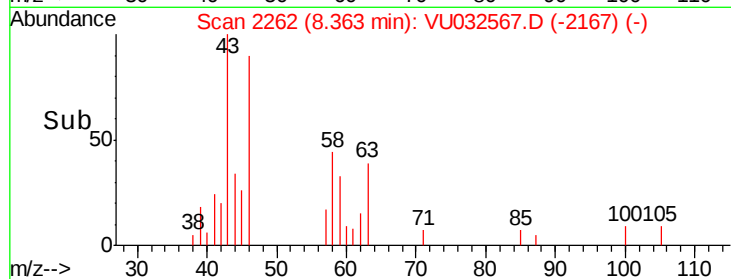
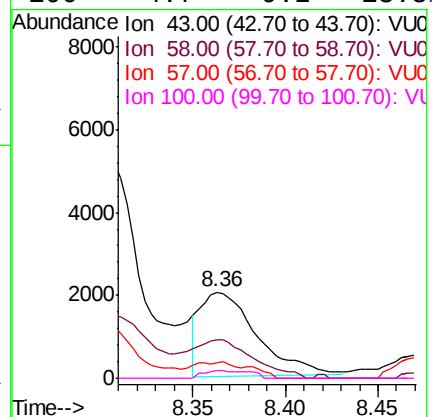
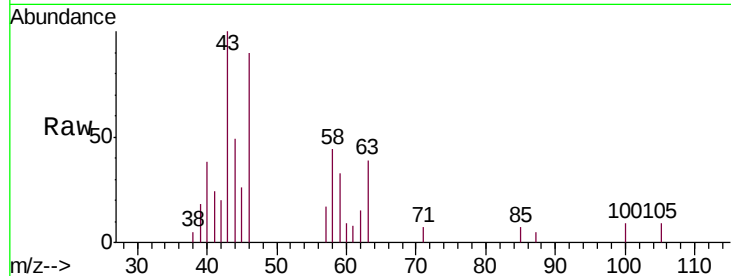




#48
2-Hexanone
Concen: 2.400 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032567.D
Acq: 10 Jun 2019 15:37

Instrument :
MSVOA_U
ClientSampleId :
DB8B4

Tgt Ion: 43 Resp: 4322
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 2.2 14.6 22.0#
100 4.7 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.222 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032567.D
Acq: 10 Jun 2019 15:37

Tgt Ion: 75 Resp: 11021
Ion Ratio Lower Upper
75 100
77 36.3 25.6 38.4

