

Data File : VU032628.D
Acq On : 11 Jun 2019 22:19
Operator : JC/SP
Sample : K3293-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8R0

Quant Time: Jun 12 07:34:07 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	151659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	141151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30146	30.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.28%
7) Chloroethane-d5	1.68	69	26007	32.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.78%#
11) 1,1-Dichloroethene-d2	2.27	63	47145	24.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.94%#
21) 2-Butanone-d5	4.17	46	61951	75.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.24%
24) Chloroform-d	4.64	84	66806	36.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	5.31	65	45036	38.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.92%
32) Benzene-d6	5.33	84	129760	35.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.82%
36) 1,2-Dichloropropane-d6	6.32	67	43336	37.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.44%
41) Toluene-d8	7.56	98	117025	33.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.36%#
43) trans-1,3-Dichloropropene-	7.85	79	18514	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.34%
47) 2-Hexanone-d5	8.31	63	32378	58.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62607	37.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	49056	37.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.30%#

Target Compounds

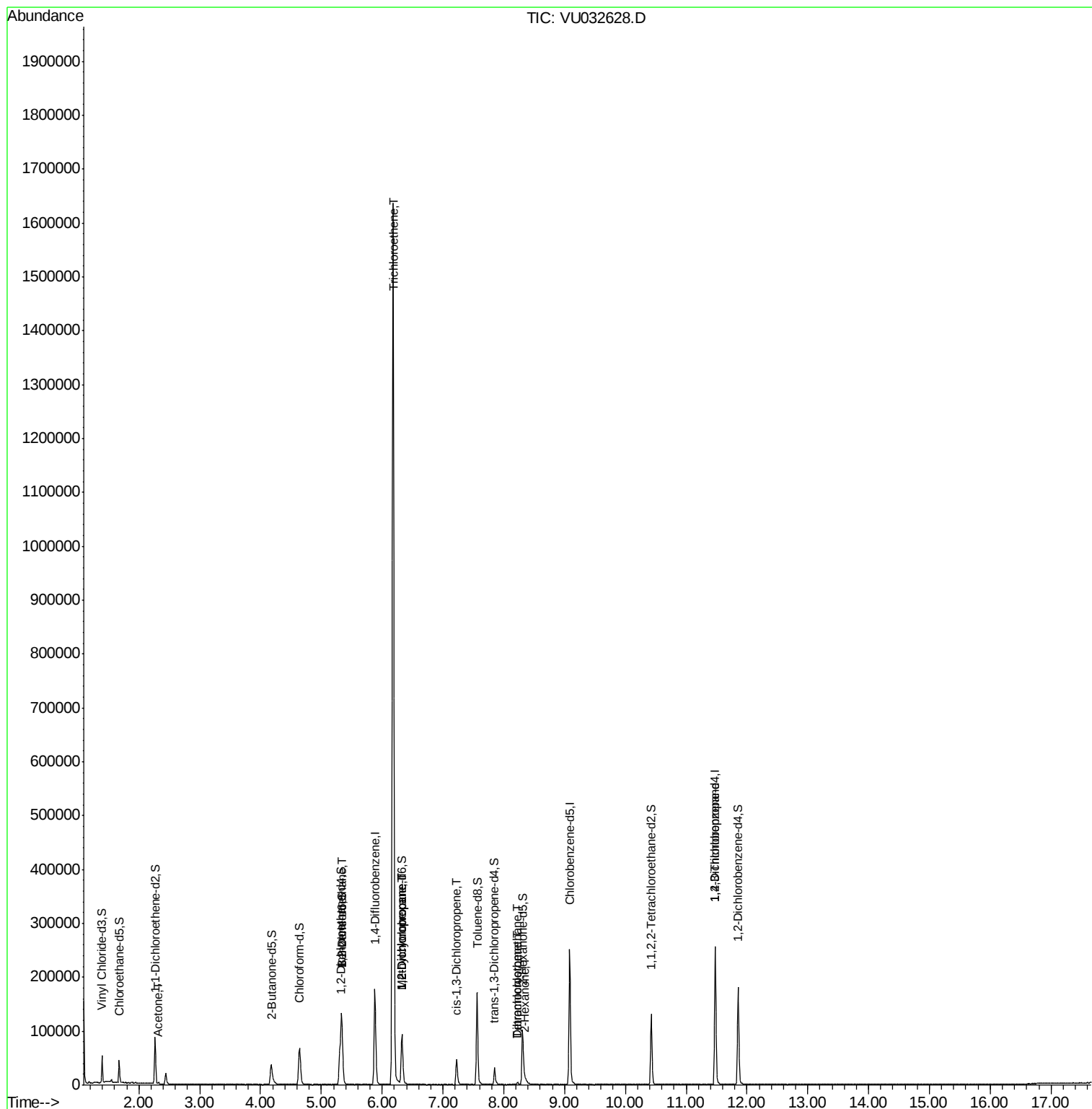
					Qvalue
13) Acetone	2.32	43	4092	4.816 ug/L	93
27) 1,2-Dichloroethane	5.33	62	772	0.532 ug/L #	75
34) Trichloroethene	6.18	95	538556	499.138 ug/L	98
35) Methylcyclohexane	6.32	83	9943	5.692 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4824	4.589 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1338	0.807 ug/L	90
46) Tetrachloroethene	8.22	164	426	0.478 ug/L	80
48) 2-Hexanone	8.36	43	6101	4.392 ug/L #	54
49) Dibromochloromethane	8.22	129	695	0.601 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8217	6.012 ug/L	91

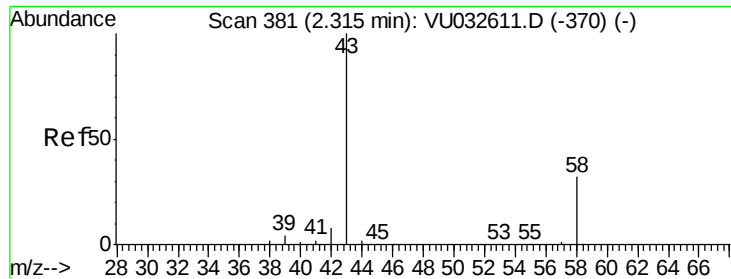
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.816 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032628.D

Acq: 11 Jun 2019 22:19

Instrument :

MSVOA_U

ClientSampled :

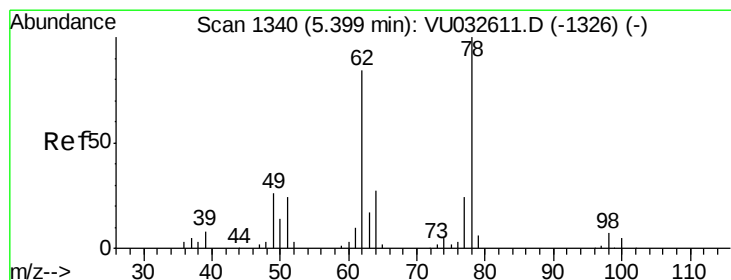
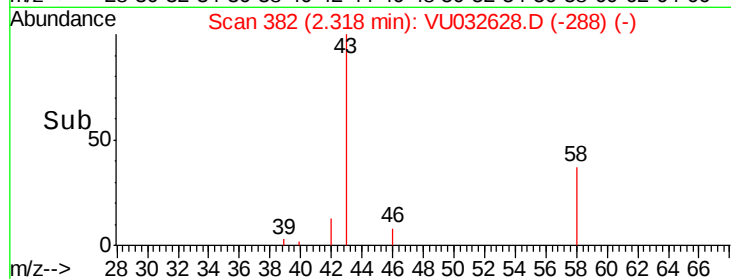
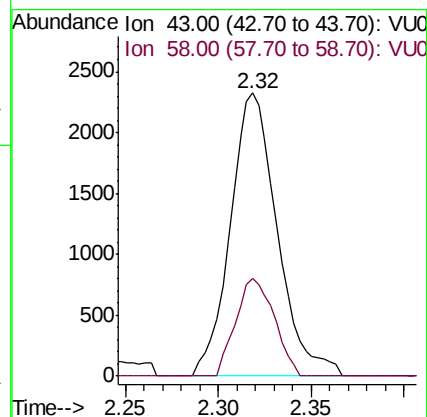
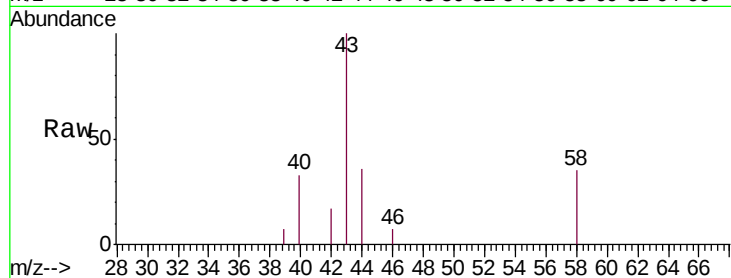
DB8R0

Tgt Ion: 43 Resp: 4092

Ion Ratio Lower Upper

43 100

58 28.3 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.532 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032628.D

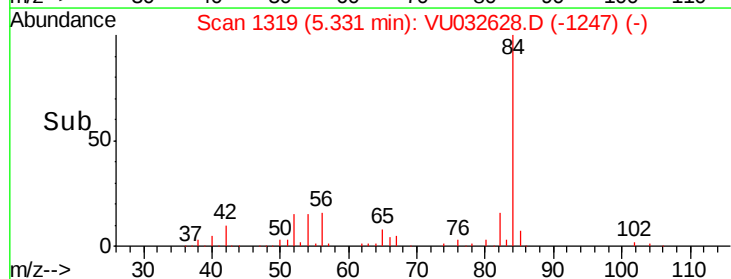
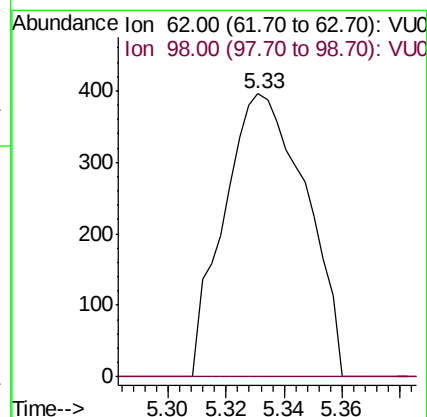
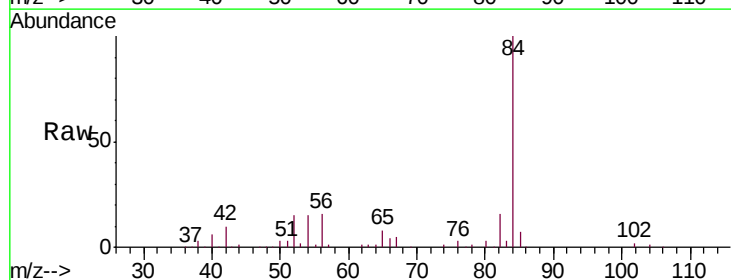
Acq: 11 Jun 2019 22:19

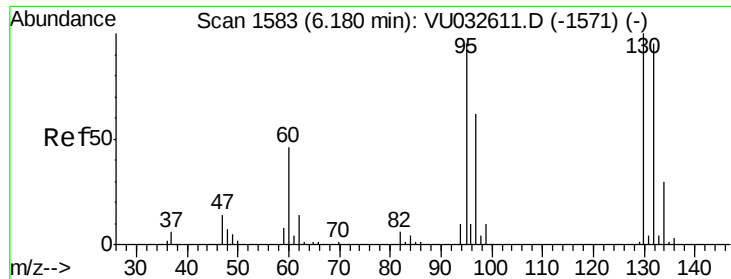
Tgt Ion: 62 Resp: 772

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

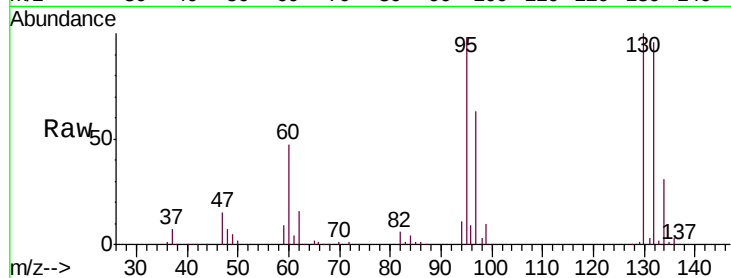




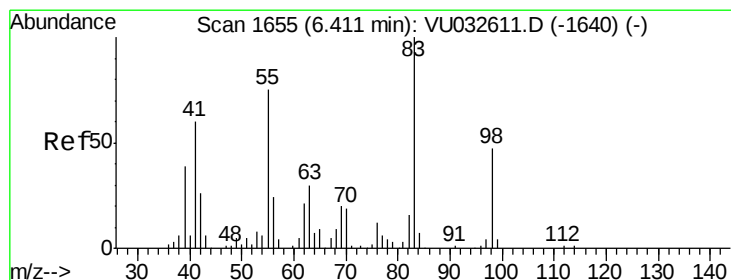
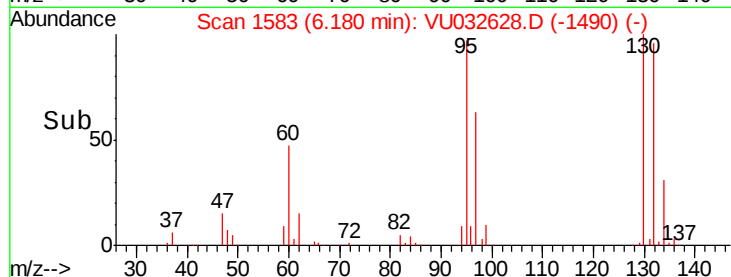
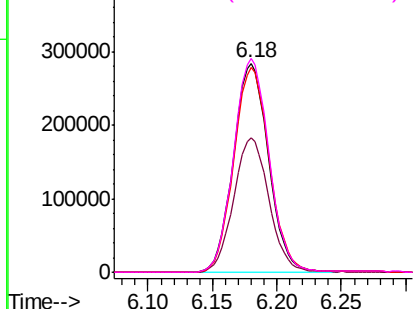
#34
 Trichloroethene
 Concen: 499.138 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU032628.D
 Acq: 11 Jun 2019 22:19

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R0

Tgt Ion: 95 Resp: 538556
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.8 85.2
 132 98.1 71.0 131.8
 130 102.3 73.4 136.2

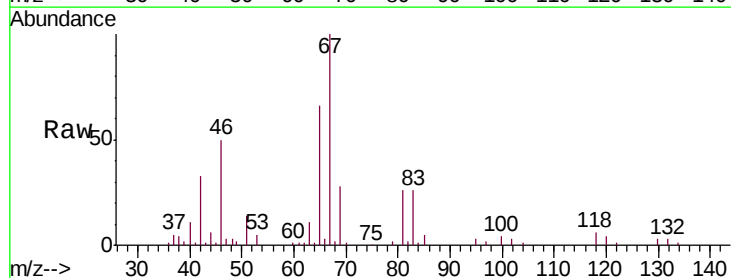


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

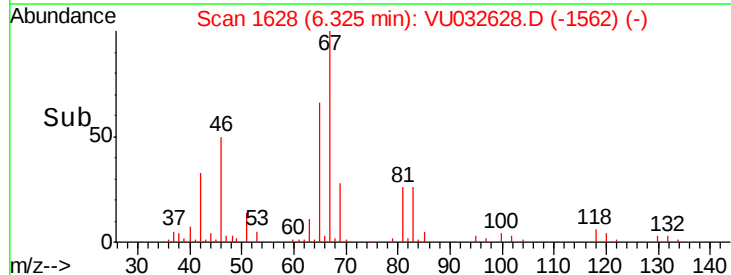
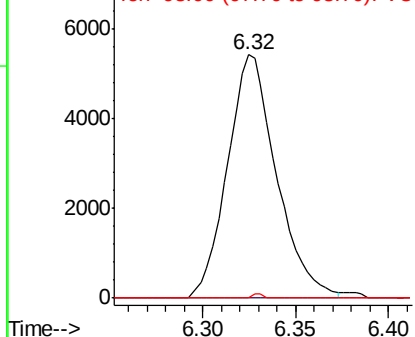


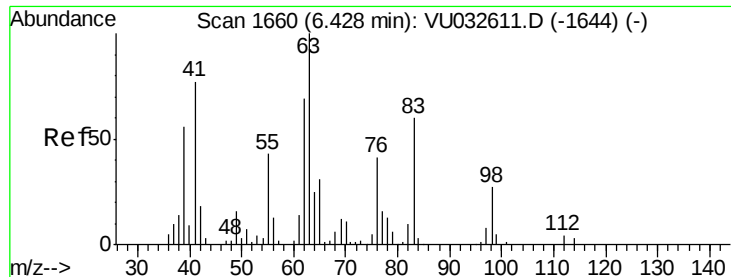
#35
 Methylcyclohexane
 Concen: 5.692 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU032628.D
 Acq: 11 Jun 2019 22:19

Tgt Ion: 83 Resp: 9943
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 0.4 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

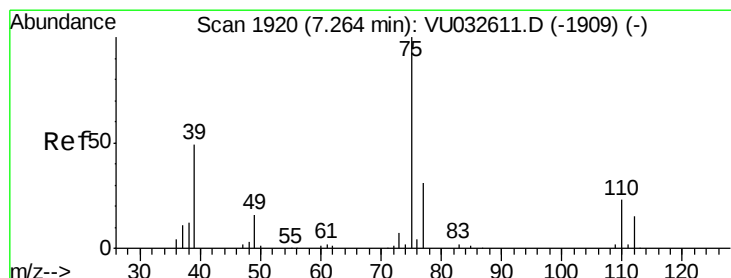
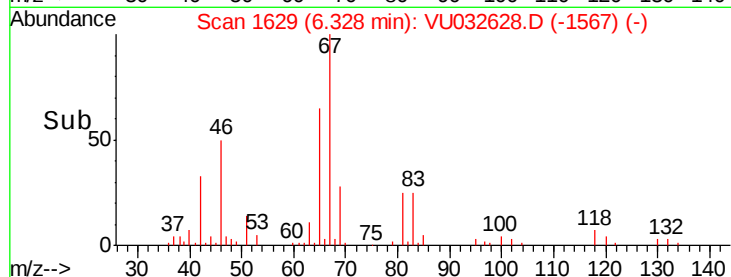
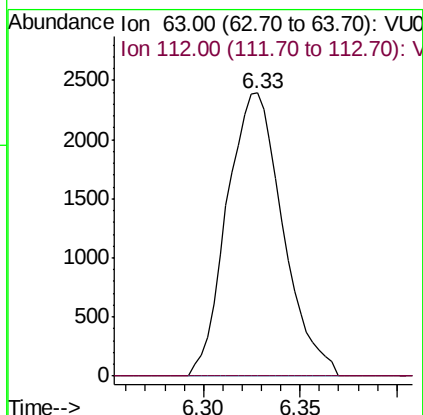
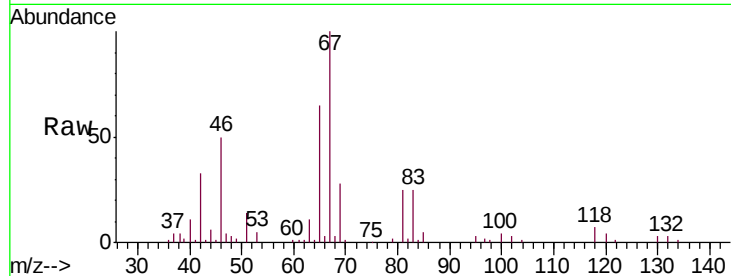




#37
 1,2-Dichloropropane
 Concen: 4.589 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032628.D
 Acq: 11 Jun 2019 22:19

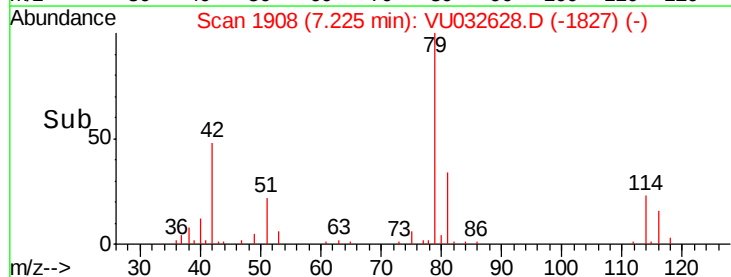
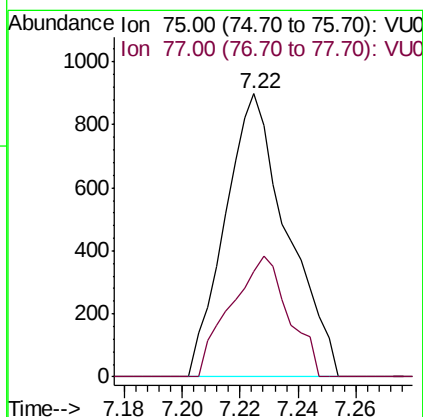
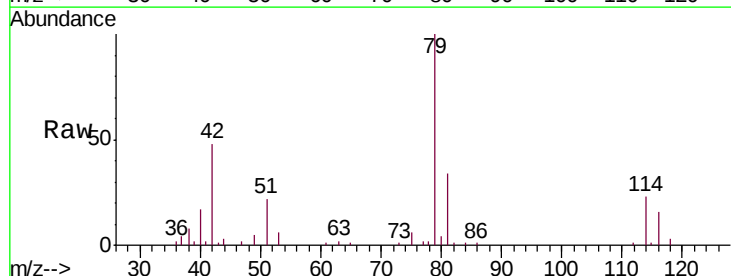
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R0

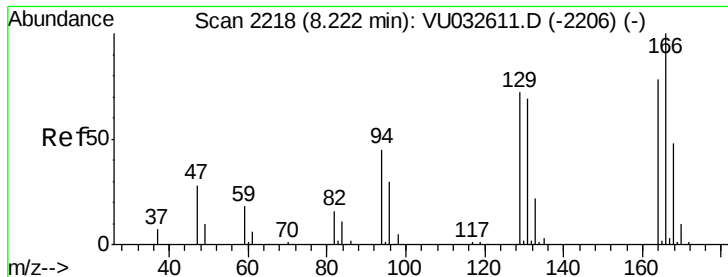
Tgt Ion: 63 Resp: 4824
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.807 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032628.D
 Acq: 11 Jun 2019 22:19

Tgt Ion: 75 Resp: 1338
 Ion Ratio Lower Upper
 75 100
 77 37.2 22.0 41.0

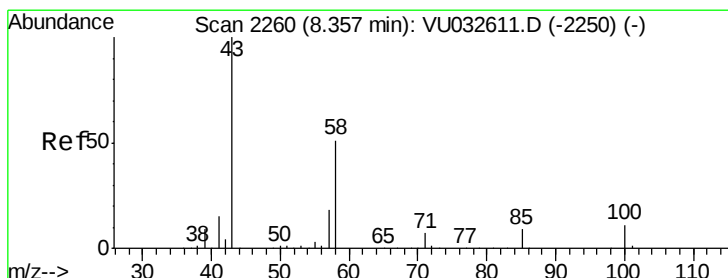
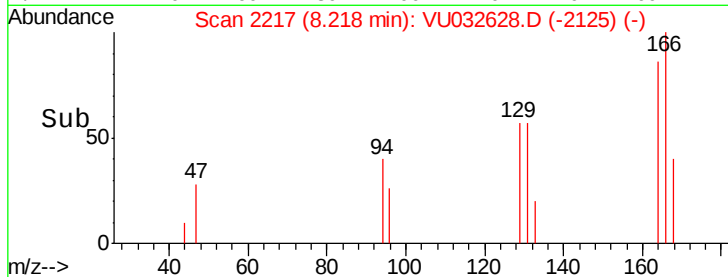
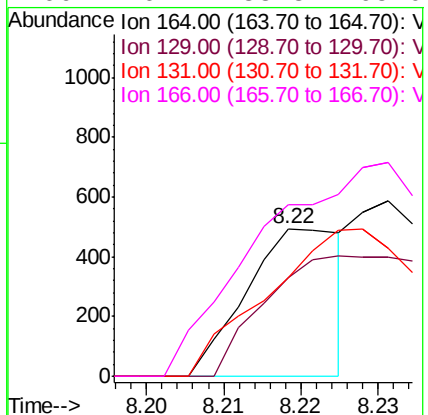
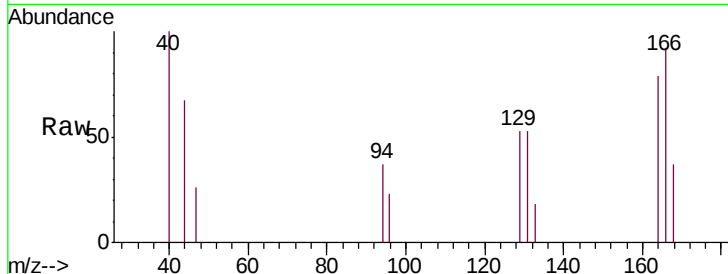




#46
Tetrachloroethene
Concen: 0.478 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU032628.D
Acq: 11 Jun 2019 22:19

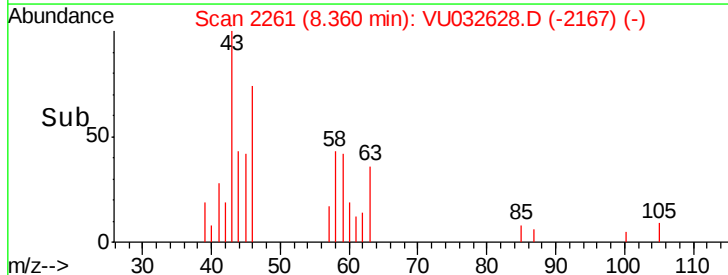
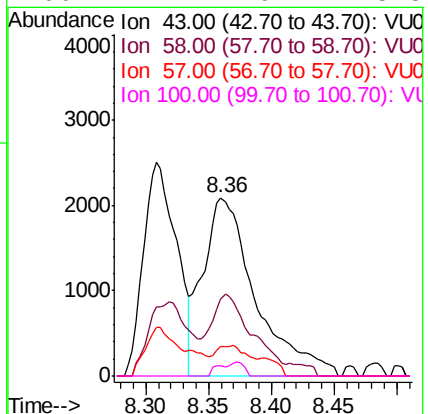
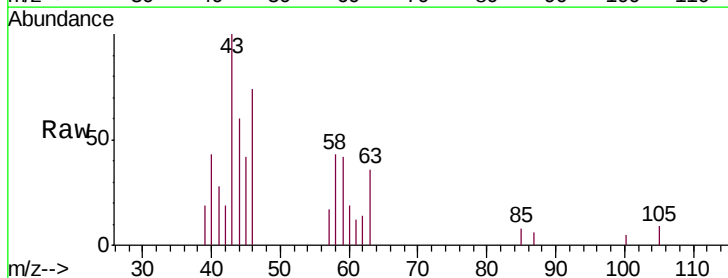
Instrument :
MSVOA_U
ClientSampled :
DB8R0

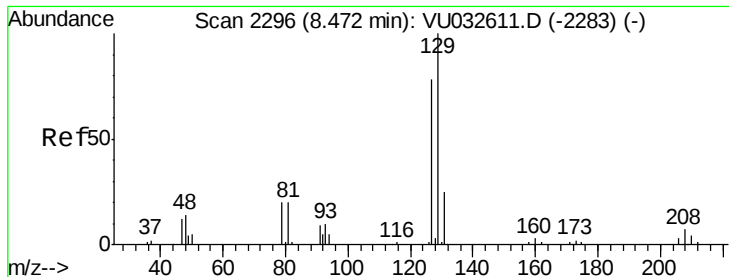
Tgt Ion: 164 Resp: 426
Ion Ratio Lower Upper
164 100
129 66.8 65.3 121.3
131 66.8 64.0 119.0
166 116.2 88.8 165.0



#48
2-Hexanone
Concen: 4.392 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032628.D
Acq: 11 Jun 2019 22:19

Tgt Ion: 43 Resp: 6101
Ion Ratio Lower Upper
43 100
58 14.6 42.0 63.0#
57 1.1 14.6 22.0#
100 1.4 9.2 13.8#





#49

Dibromochloromethane

Concen: 0.601 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU032628.D

Acq: 11 Jun 2019 22:19

Instrument :

MSVOA_U

ClientSampleId :

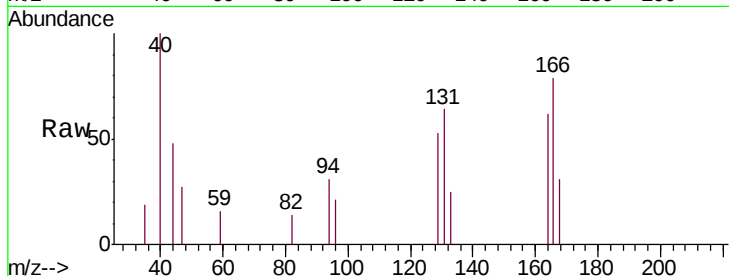
DB8R0

Tgt Ion:129 Resp: 695

Ion Ratio Lower Upper

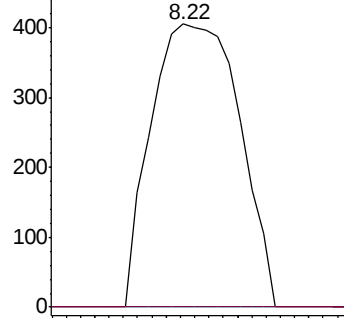
129 100

127 0.0 53.6 99.6#

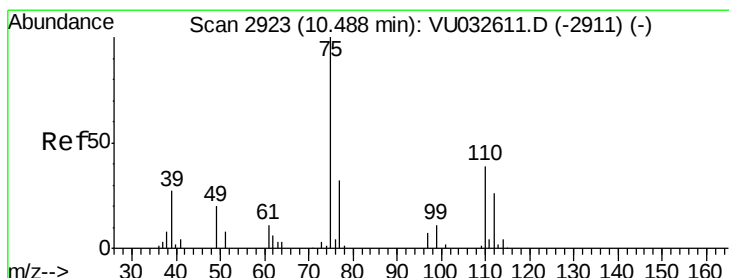
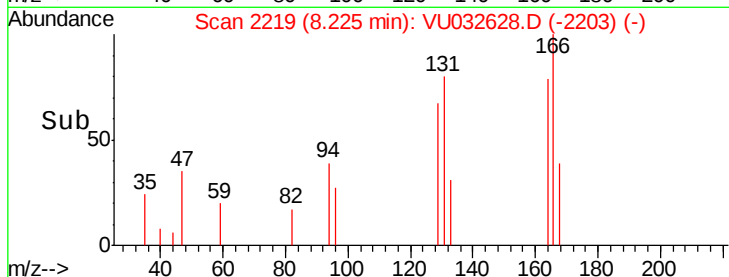


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 6.012 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032628.D

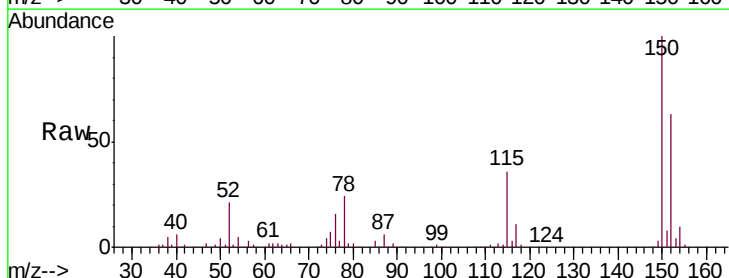
Acq: 11 Jun 2019 22:19

Tgt Ion: 75 Resp: 8217

Ion Ratio Lower Upper

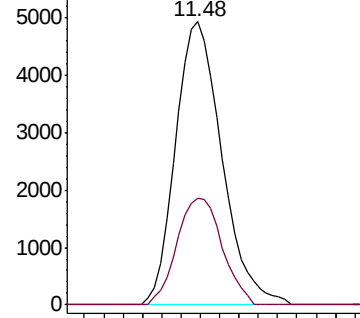
75 100

77 36.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

