

Data File : VU029068.D
Acq On : 07 Jan 2019 19:52
Operator : MD/SY
Sample : K1050-06MEDL
Misc : 5.67g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9W3ME

Quant Time: Jan 08 03:16:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194168	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59484	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.42%
7) Chloroethane-d5	1.64	69	40054	33.31	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.62%#
11) 1,1-Dichloroethene-d2	2.22	63	80058	30.58	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	4.20	46	98276	90.11	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.11%
24) Chloroform-d	4.64	84	102912	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	5.30	65	66367	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
32) Benzene-d6	5.33	84	226223	41.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.48%
36) 1,2-Dichloropropane-d6	6.32	67	77686	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.36%
41) Toluene-d8	7.56	98	198849	40.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.85	79	34518	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.66%
47) 2-Hexanone-d5	8.32	63	78108	88.24	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	123856	47.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	80278	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%

Target Compounds

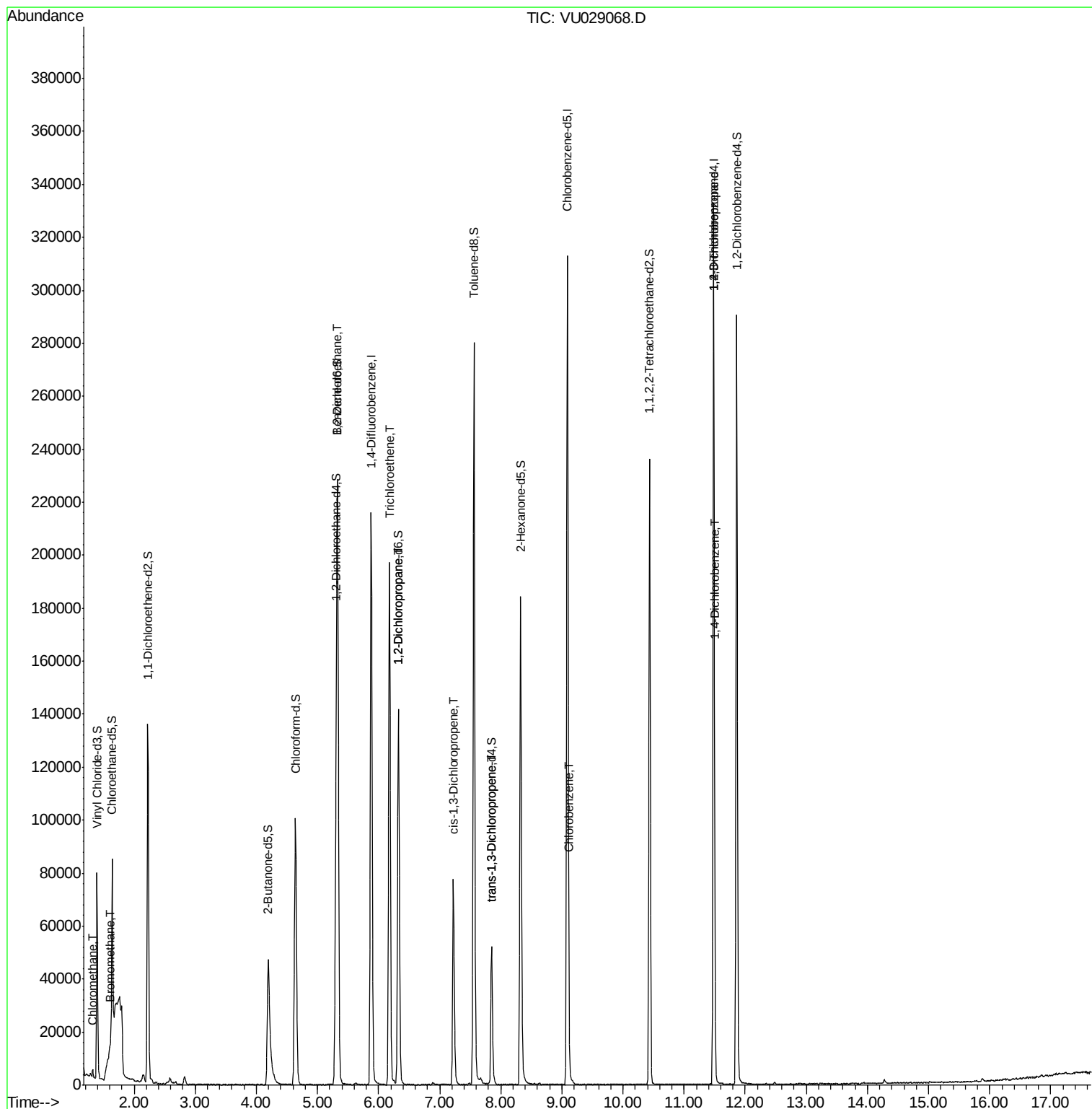
					Qvalue
3) Chloromethane	1.32	50	2587	1.202	ug/L 91
6) Bromomethane	1.60	94	546	0.674	ug/L 87
27) 1,2-Dichloroethane	5.33	62	984	0.531	ug/L # 74
34) Trichloroethene	6.18	95	73273	49.092	ug/L 98
37) 1,2-Dichloropropane	6.32	63	7319	4.235	ug/L # 90
39) cis-1,3-Dichloropropene	7.23	75	1675	0.680	ug/L # 67
44) trans-1,3-Dichloropropene	7.85	75	1576	0.718	ug/L 94
51) Chlorobenzene	9.12	112	2032	0.514	ug/L # 86
59) 1,2,3-Trichloropropane	11.48	75	11039	5.353	ug/L 94
63) 1,4-Dichlorobenzene	11.51	146	2111	0.745	ug/L 89

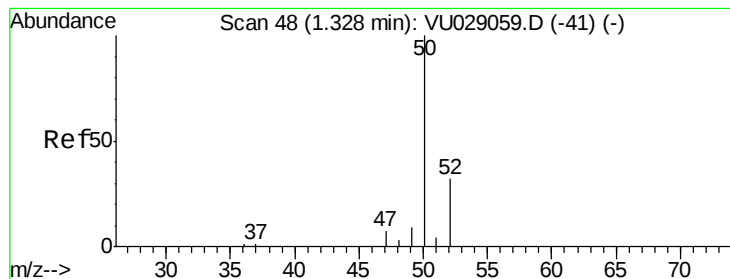
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.202 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

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Acq: 07 Jan 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

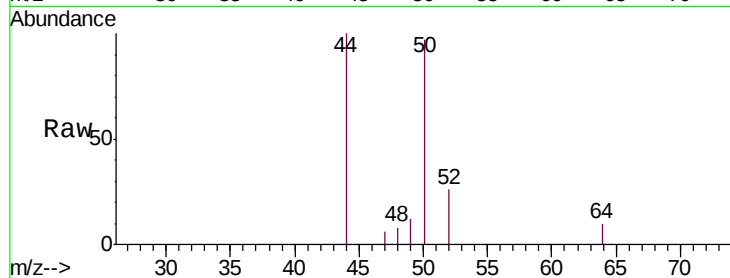
BE9W3ME

Tgt Ion: 50 Resp: 2587

Ion Ratio Lower Upper

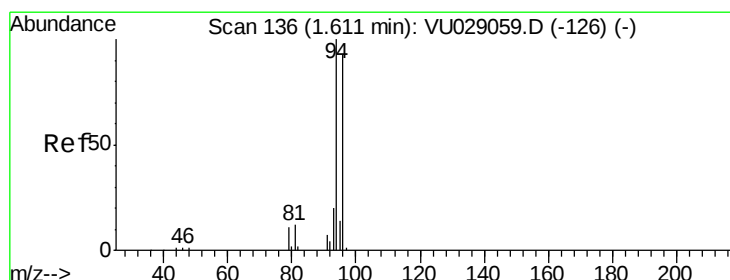
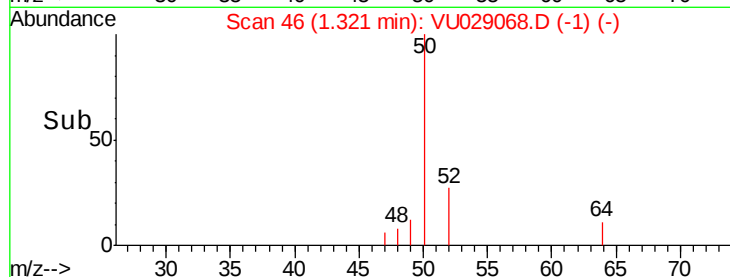
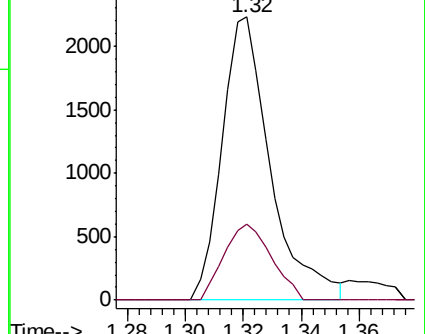
50 100

52 26.7 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 0.674 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029068.D

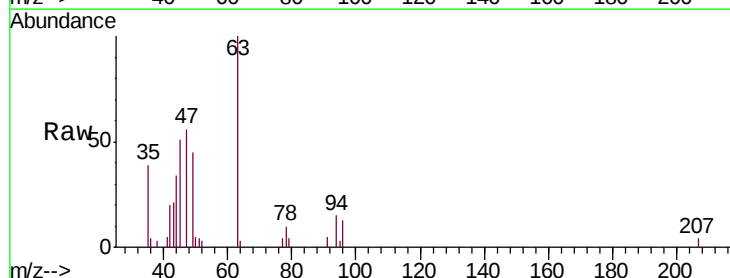
Acq: 07 Jan 2019 19:52

Tgt Ion: 94 Resp: 546

Ion Ratio Lower Upper

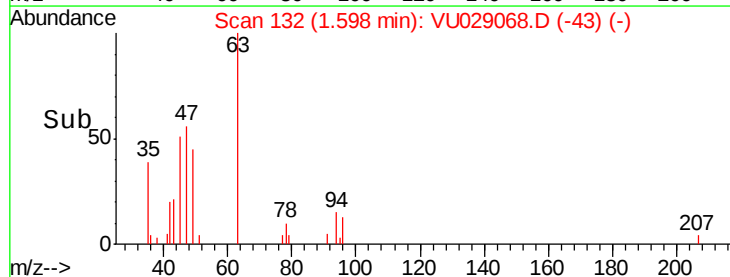
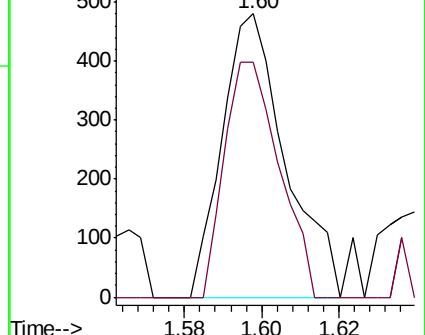
94 100

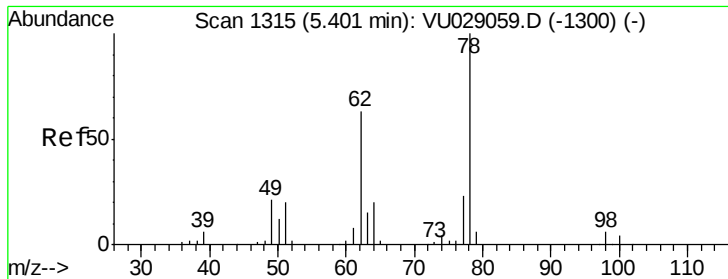
96 83.1 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#27

1,2-Dichloroethane

Concen: 0.531 ug/L

RT: 5.33 min Scan# 1293

Delta R.T. -0.07 min

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Instrument :

MSVOA_U

ClientSampleId :

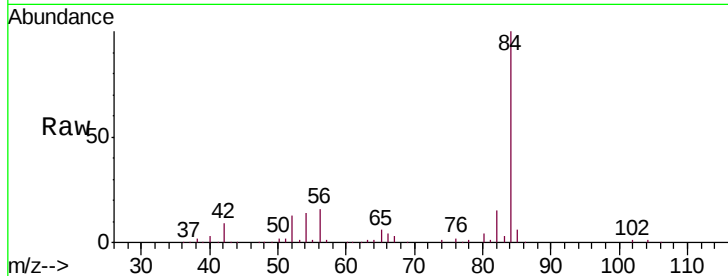
BE9W3ME

Tgt Ion: 62 Resp: 984

Ion Ratio Lower Upper

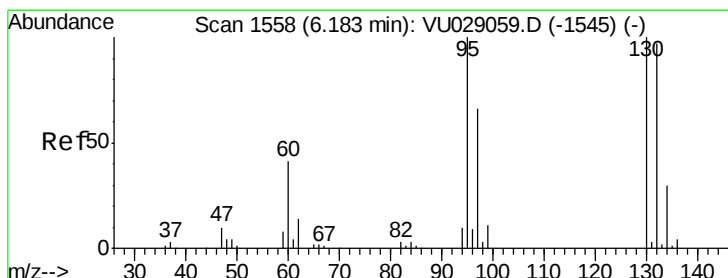
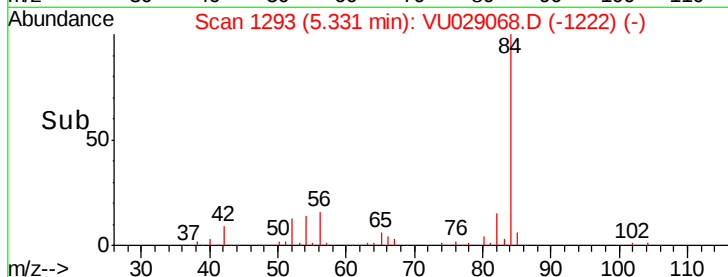
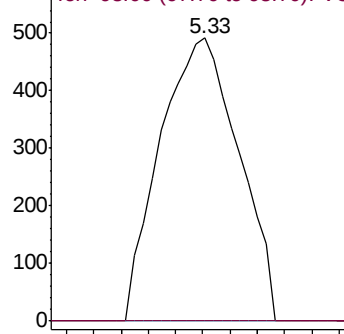
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#34

Trichloroethene

Concen: 49.092 ug/L

RT: 6.18 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VU029068.D

Acq: 07 Jan 2019 19:52

Tgt Ion: 95 Resp: 73273

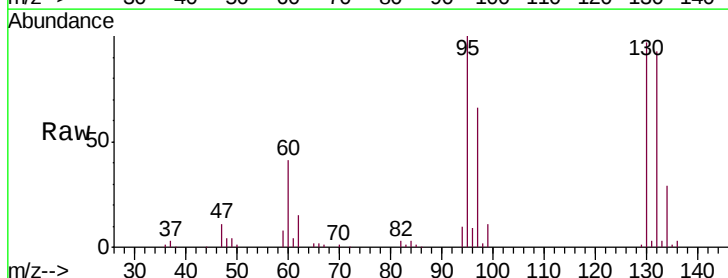
Ion Ratio Lower Upper

95 100

97 65.8 43.3 80.3

132 93.2 64.2 119.2

130 96.6 67.1 124.7

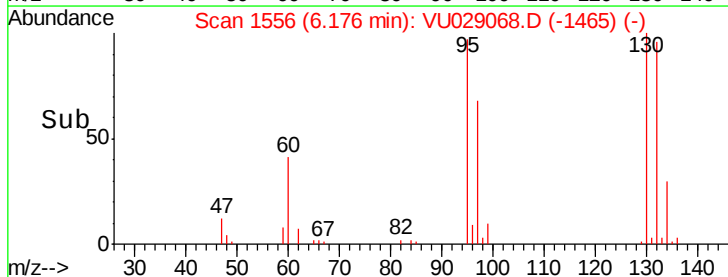
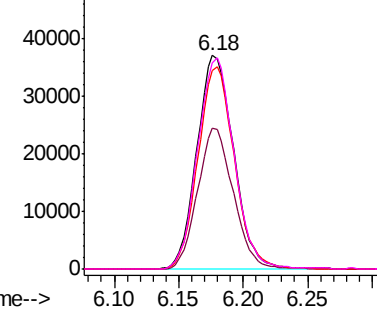


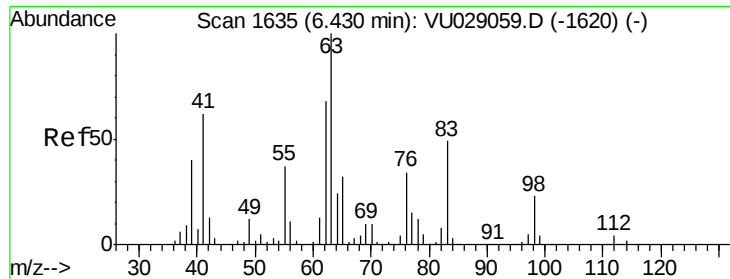
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.235 ug/L

RT: 6.32 min Scan# 1602

Delta R.T. -0.11 min

Lab File: VU029068.D

Acq: 07 Jan 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

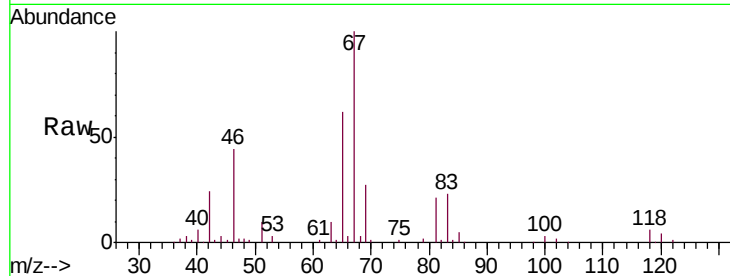
BE9W3ME

Tgt Ion: 63 Resp: 7319

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

6.32

4000

3000

2000

1000

0

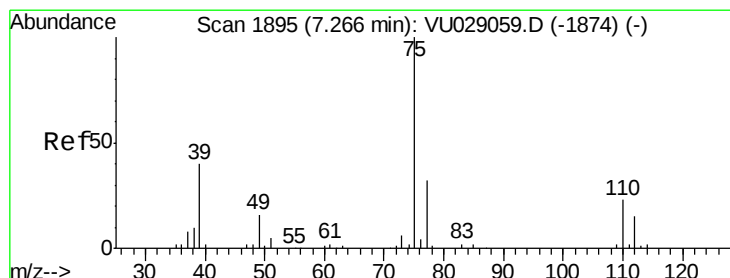
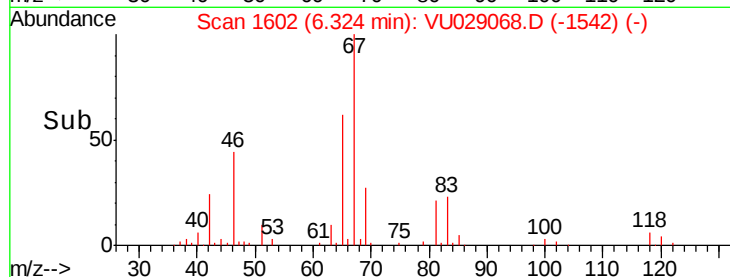
Time-->

6.25

6.30

6.35

6.40



#39

cis-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU029068.D

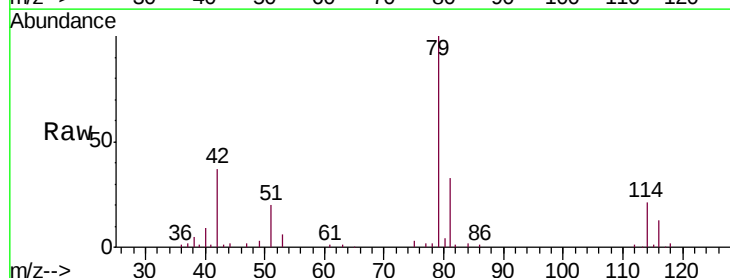
Acq: 07 Jan 2019 19:52

Tgt Ion: 75 Resp: 1675

Ion Ratio Lower Upper

75 100

77 49.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.23

1000

800

600

400

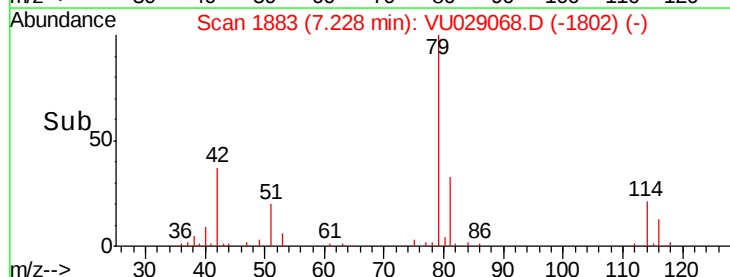
200

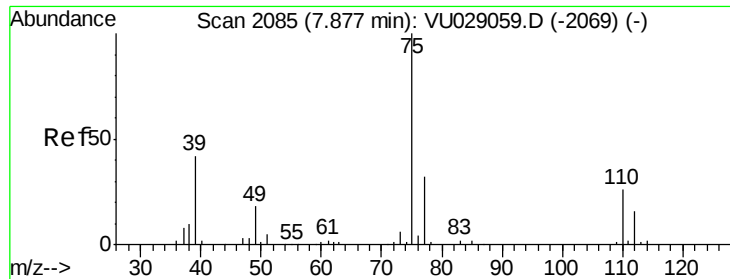
0

Time-->

7.20

7.25





#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.85 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VU029068.D

Acq: 07 Jan 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

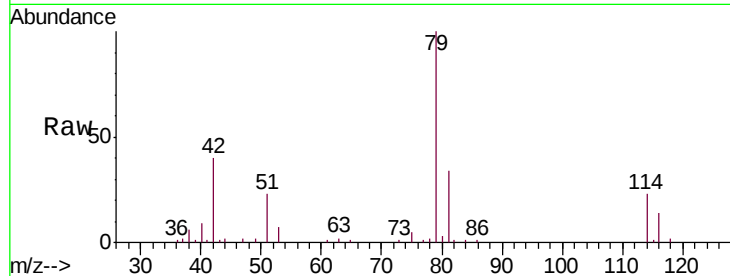
BE9W3ME

Tgt Ion: 75 Resp: 1576

Ion Ratio Lower Upper

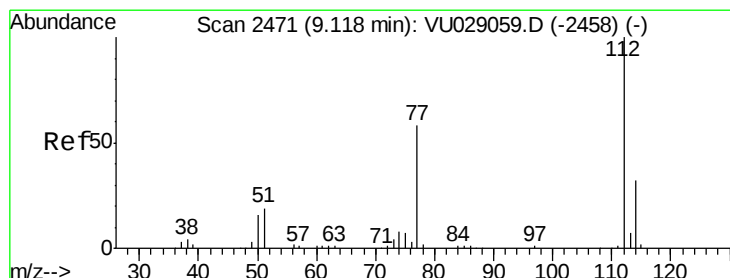
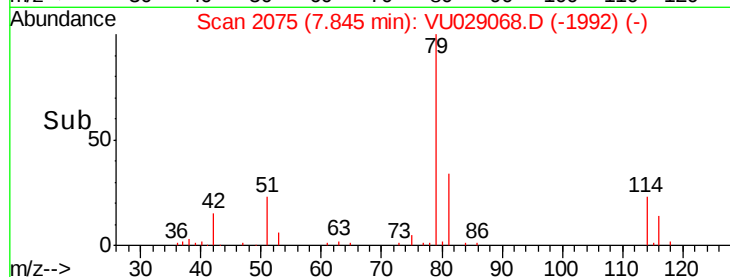
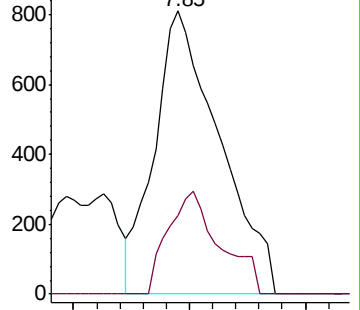
75 100

77 27.8 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#51

Chlorobenzene

Concen: 0.514 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU029068.D

Acq: 07 Jan 2019 19:52

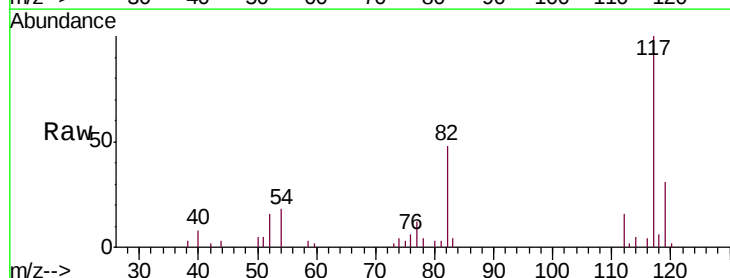
Tgt Ion: 112 Resp: 2032

Ion Ratio Lower Upper

112 100

114 28.3 22.2 41.2

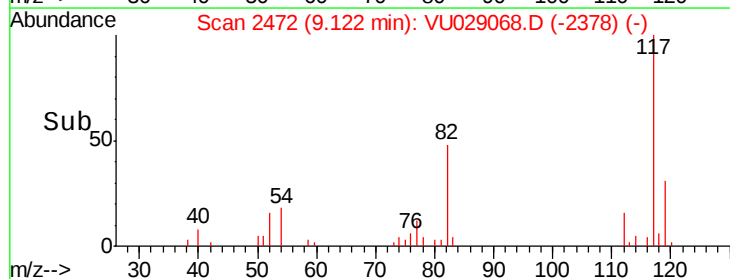
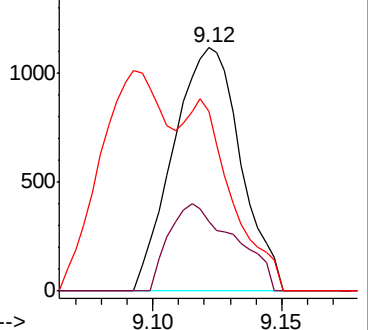
77 73.8 47.8 71.8#

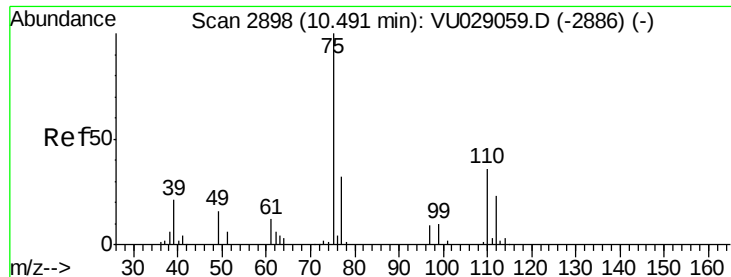


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

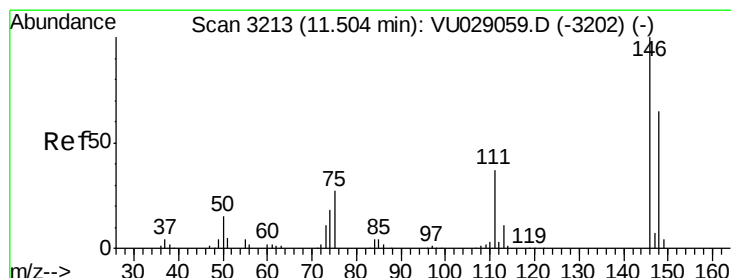
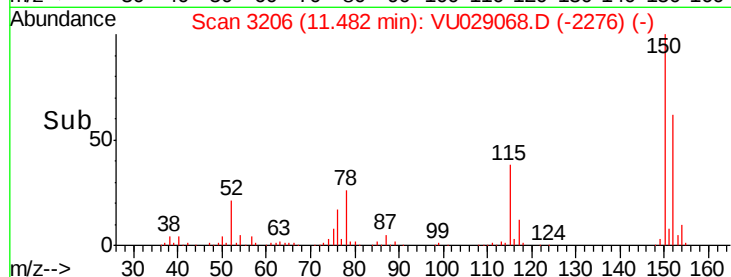
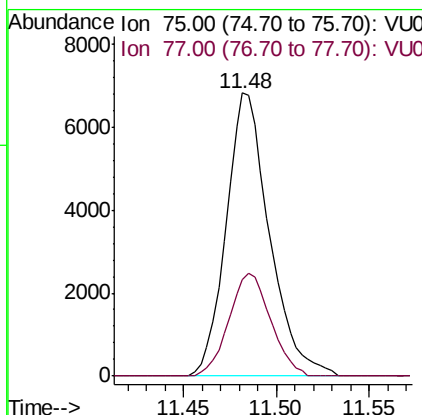
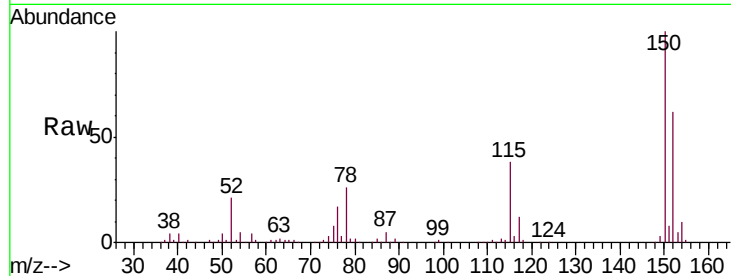




#59
 1,2,3-Trichloropropane
 Concen: 5.353 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029068.D
 Acq: 07 Jan 2019 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BE9W3ME

Tgt Ion: 75 Resp: 11039
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.5 38.3



#63
 1,4-Dichlorobenzene
 Concen: 0.745 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU029068.D
 Acq: 07 Jan 2019 19:52

Tgt Ion: 146 Resp: 2111
 Ion Ratio Lower Upper
 146 100
 111 40.0 26.5 49.1
 148 52.2 45.1 83.9

