

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018913.D
 Acq On : 15 Oct 2020 16:15
 Operator : SY/MD
 Sample : L4289-09RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8RE

Quant Time: Oct 16 08:46:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253505	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137885	66.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.16%
7) Chloroethane-d5	1.58	69	108773	65.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.58%#
11) 1,1-Dichloroethene-d2	2.12	63	199006	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.04%
21) 2-Butanone-d5	3.91	46	181680	124.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.91%
24) Chloroform-d	4.37	84	236186	62.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.98%#
26) 1,2-Dichloroethane-d4	5.05	65	165063	66.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.66%#
32) Benzene-d6	5.07	84	485445	66.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.92%#
36) 1,2-Dichloropropane-d6	6.09	67	155334	66.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	133.02%#
41) Toluene-d8	7.33	98	426336	65.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.14%#
43) trans-1,3-Dichloropropene-	7.64	79	70048	61.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.72%
47) 2-Hexanone-d5	8.11	63	98875	113.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.97%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	176906	64.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	129.28%#
64) 1,2-Dichlorobenzene-d4	11.65	152	171570	71.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	143.60%#

Target Compounds

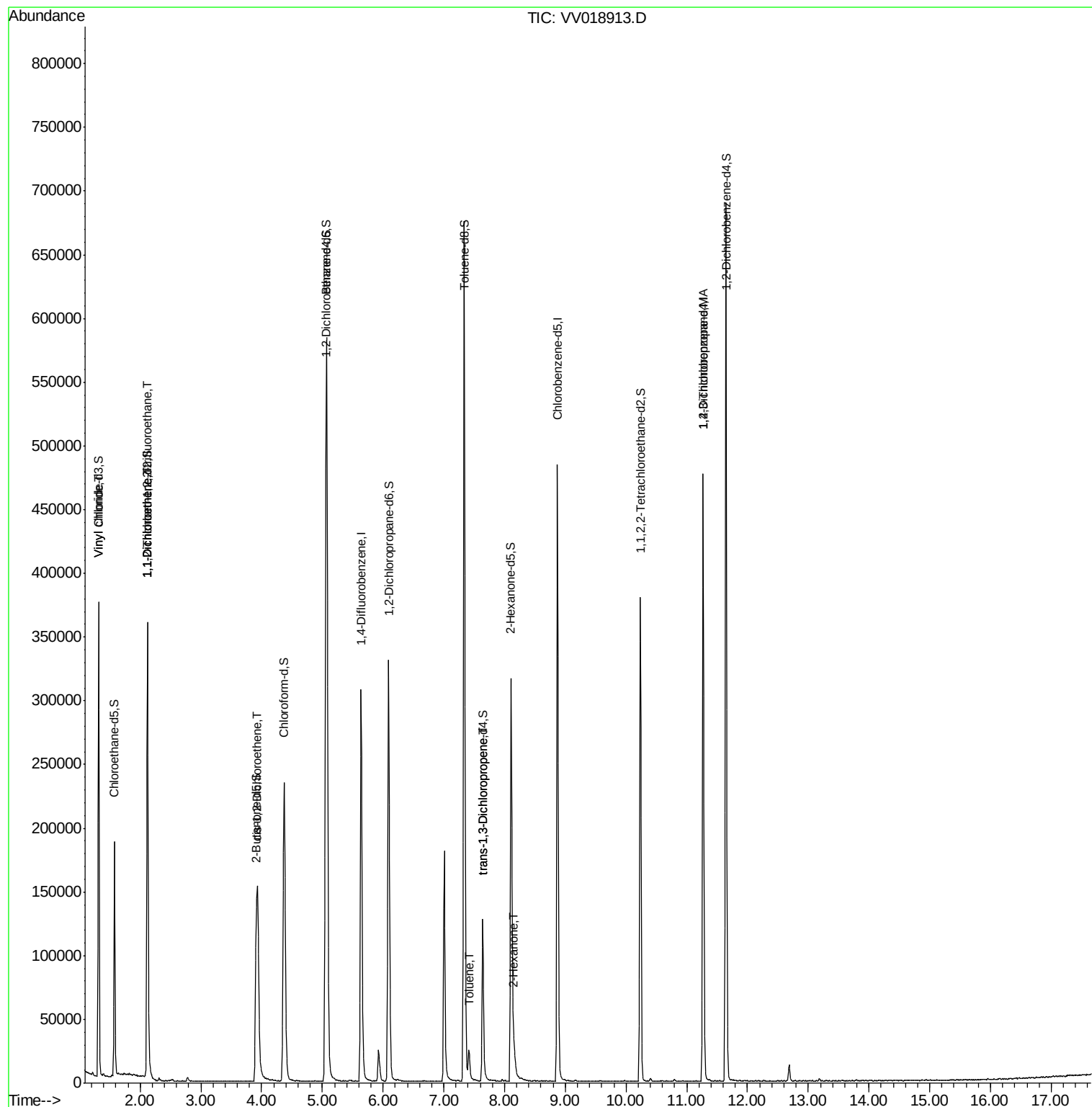
					Ovalue
5) Vinyl chloride	1.32	62	102570	42.867	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1753	1.066	ug/L # 20
12) 1,1-Dichloroethene	2.12	96	1759	1.055	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	56966	29.053	ug/L 97
42) Toluene	7.41	91	16548	2.089	ug/L 98
44) trans-1,3-Dichloropropene	7.64	75	3068	1.026	ug/L 92
48) 2-Hexanone	8.16	43	12588	5.607	ug/L # 82
59) 1,2,3-Trichloropropane	11.27	75	14534	5.848	ug/L 91

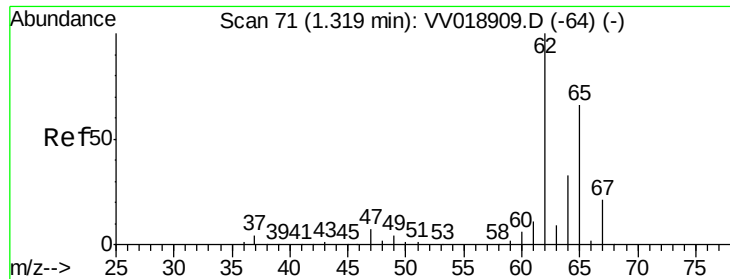
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101520\
Data File : VV018913.D
Acq On : 15 Oct 2020 16:15
Operator : SY/MD
Sample : L4289-09RE
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ8RE

Quant Time: Oct 16 08:46:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:38:45 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 42.867 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018913.D

Acq: 15 Oct 2020 16:15

Instrument :

MSVOA_V

ClientSampleId :

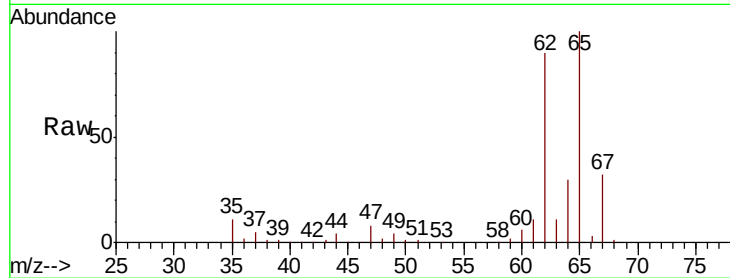
C0AJ8RE

Tot Ion: 62 Resp: 102570

Ion Ratio Lower Upper

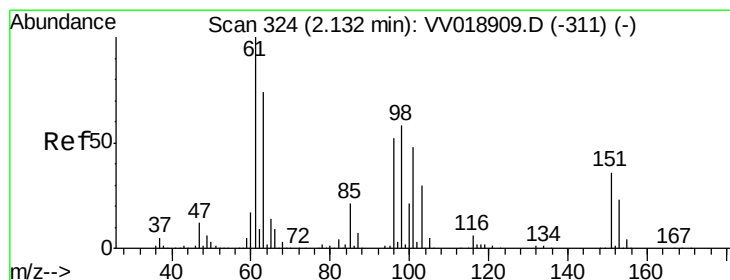
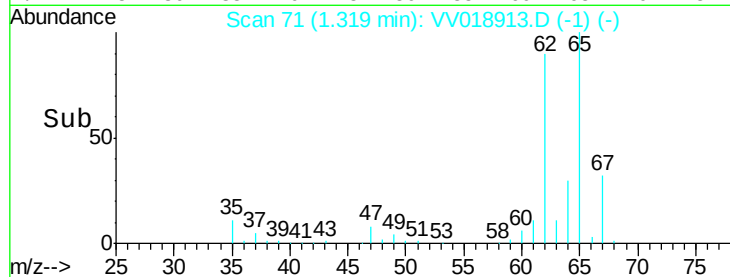
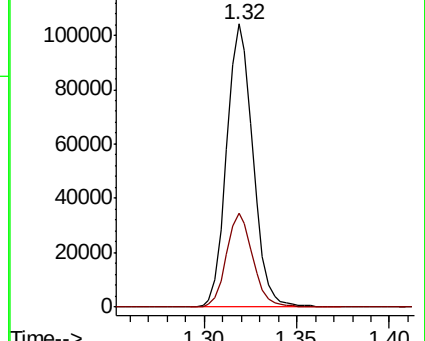
62 100

64 33.1 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

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

Concen: 1.066 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018913.D

Acq: 15 Oct 2020 16:15

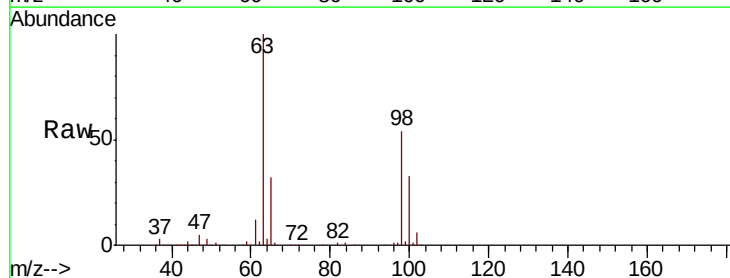
Tgt Ion: 101 Resp: 1753

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

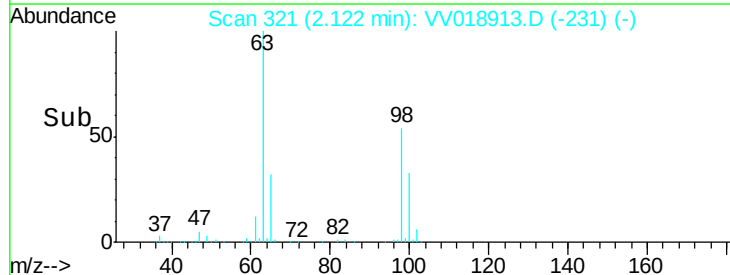
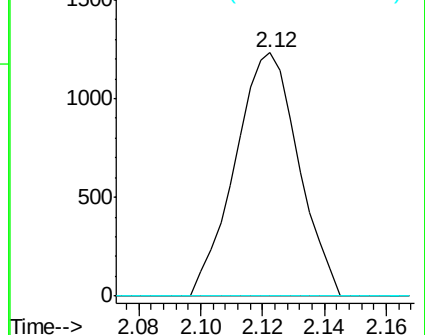
151 0.0 59.7 89.5#

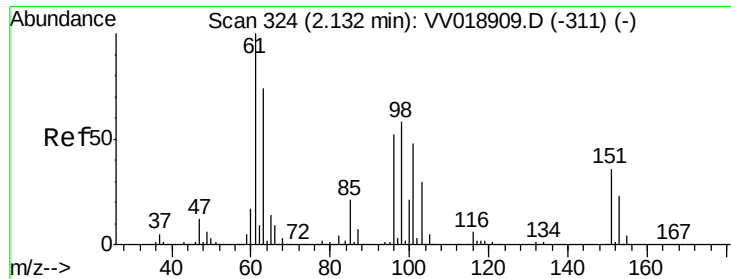


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

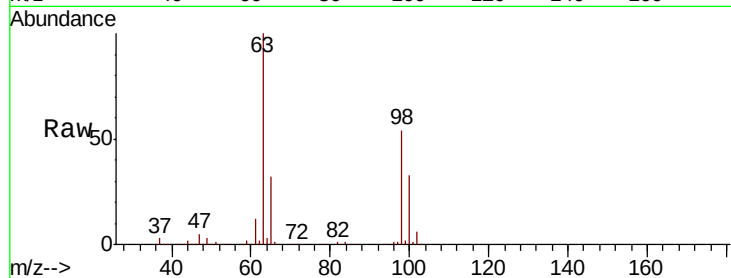




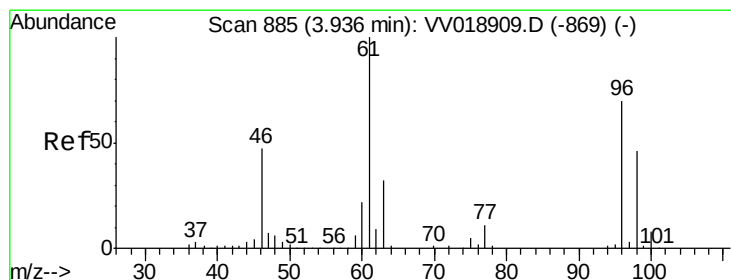
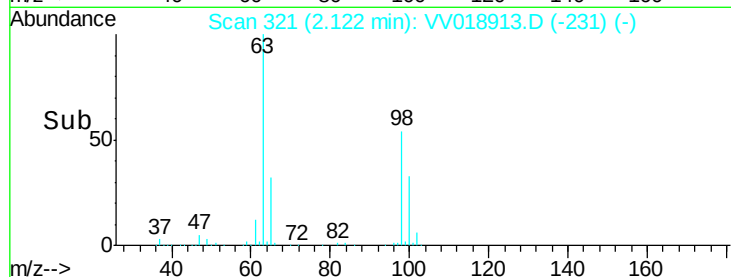
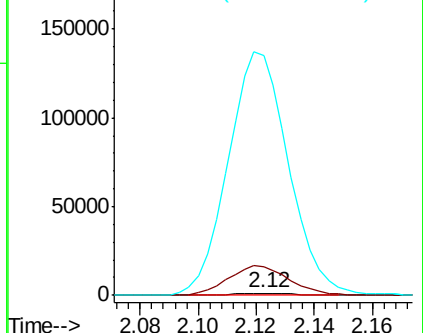
#12
 1,1-Dichloroethene
 Concen: 1.055 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018913.D
 Acq: 15 Oct 2020 16:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8RE

Tot Ion: 96 Resp: 1759
 Ion Ratio Lower Upper
 96 100
 61 1413.0 133.5 247.9#
 63 11762.2 102.1 189.7#

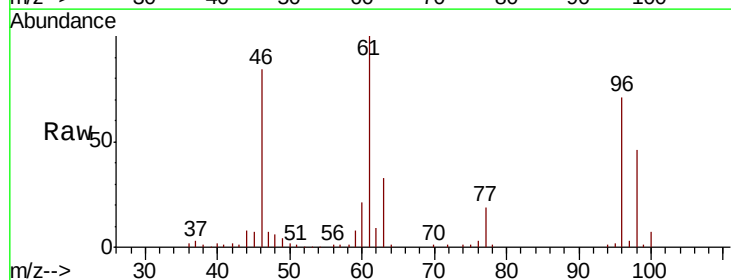


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

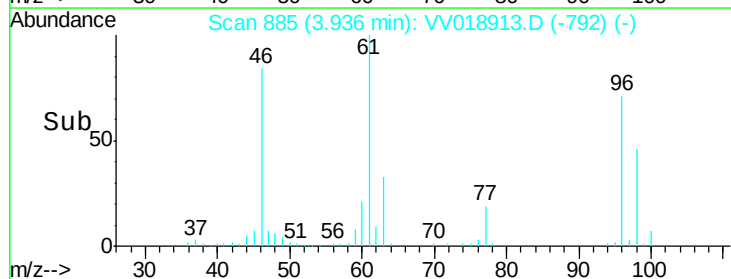
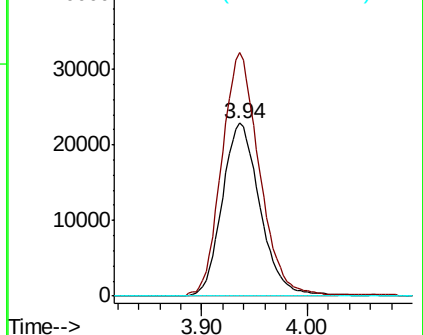


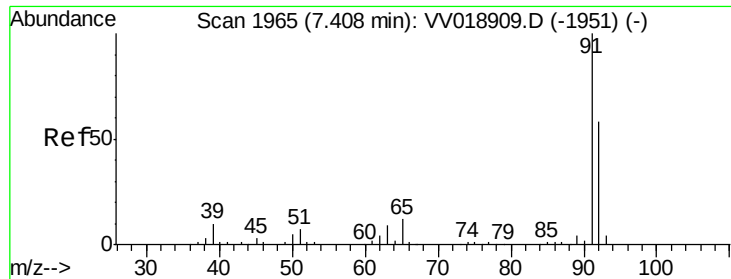
#20
 cis-1,2-Dichloroethene
 Concen: 29.053 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018913.D
 Acq: 15 Oct 2020 16:15

Tgt Ion: 96 Resp: 56966
 Ion Ratio Lower Upper
 96 100
 61 141.1 96.1 178.5
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#42

Toluene

Concen: 2.089 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018913.D

Acq: 15 Oct 2020 16:15

Instrument :

MSVOA_V

ClientSampleId :

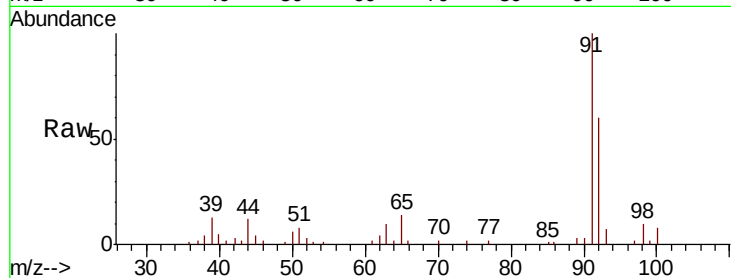
C0AJ8RE

Tot Ion: 91 Resp: 16548

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VV018913.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VV018913.D (-1953) (-)

7.41

8000

6000

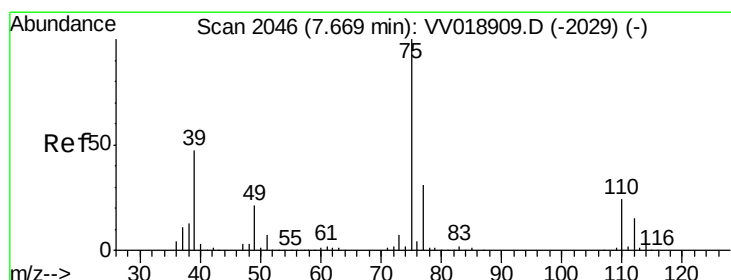
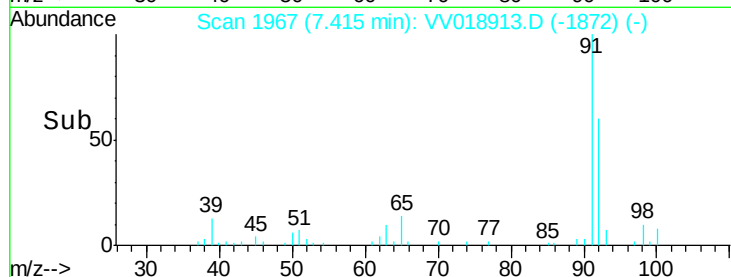
4000

2000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VV018913.D

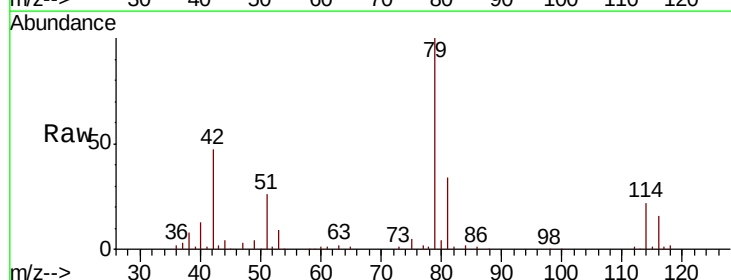
Acq: 15 Oct 2020 16:15

Tgt Ion: 75 Resp: 3068

Ion Ratio Lower Upper

75 100

77 36.0 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV018913.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV018913.D (-1953) (-)

2000

1500

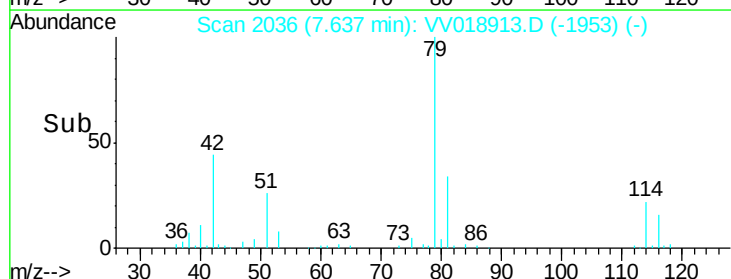
1000

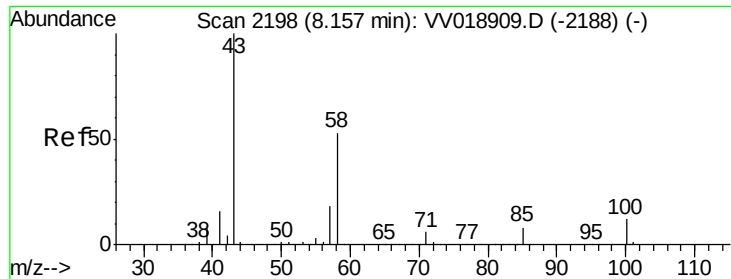
500

0

7.60 7.65 7.70

Time-->

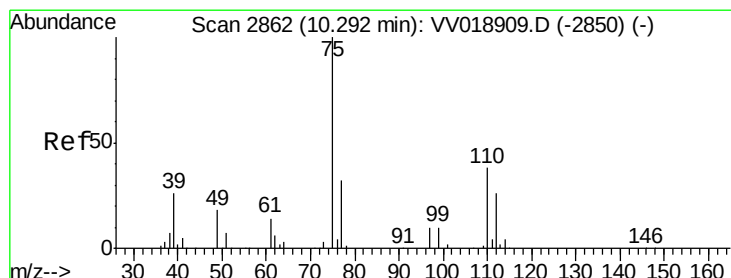
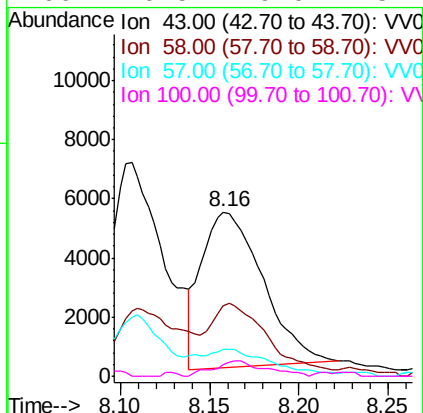
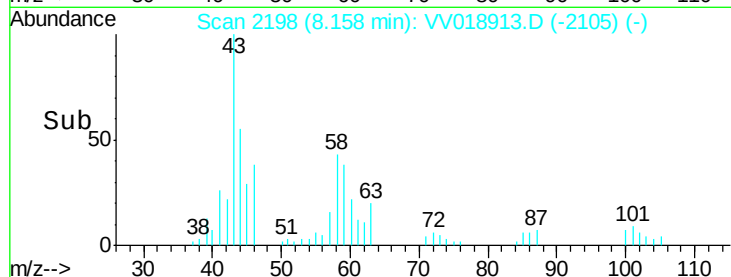
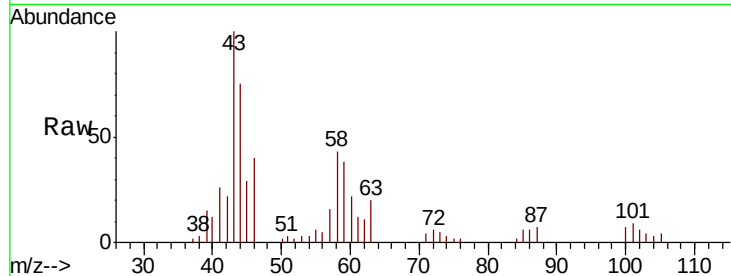




#48
2-Hexanone
Concen: 5.607 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV018913.D
Acq: 15 Oct 2020 16:15

Instrument :
MSVOA_V
ClientSampleId :
C0AJ8RE

Tot Ion: 43 Resp: 12588
Ion Ratio Lower Upper
43 100
58 44.8 42.5 63.7
57 0.0 14.5 21.7#
100 6.5 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.848 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018913.D
Acq: 15 Oct 2020 16:15

Tgt Ion: 75 Resp: 14534
Ion Ratio Lower Upper
75 100
77 36.7 25.4 38.2

