

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016592.D
 Acq On : 06 Jun 2020 16:04
 Operator : SY/MD
 Sample : L2895-12MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6MSD

Quant Time: Jun 07 00:44:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	361988	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94432	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.66%
7) Chloroethane-d5	1.55	69	65847	35.57	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.14%
11) 1,1-Dichloroethene-d2	2.12	63	177365	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	3.90	46	176152	107.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.45%
24) Chloroform-d	4.37	84	218195	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.05	65	151587	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
32) Benzene-d6	5.07	84	430303	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.09	67	135686	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.34	98	388526	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.64	79	63564	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	132017	110.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187569	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	163414	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%

Target Compounds

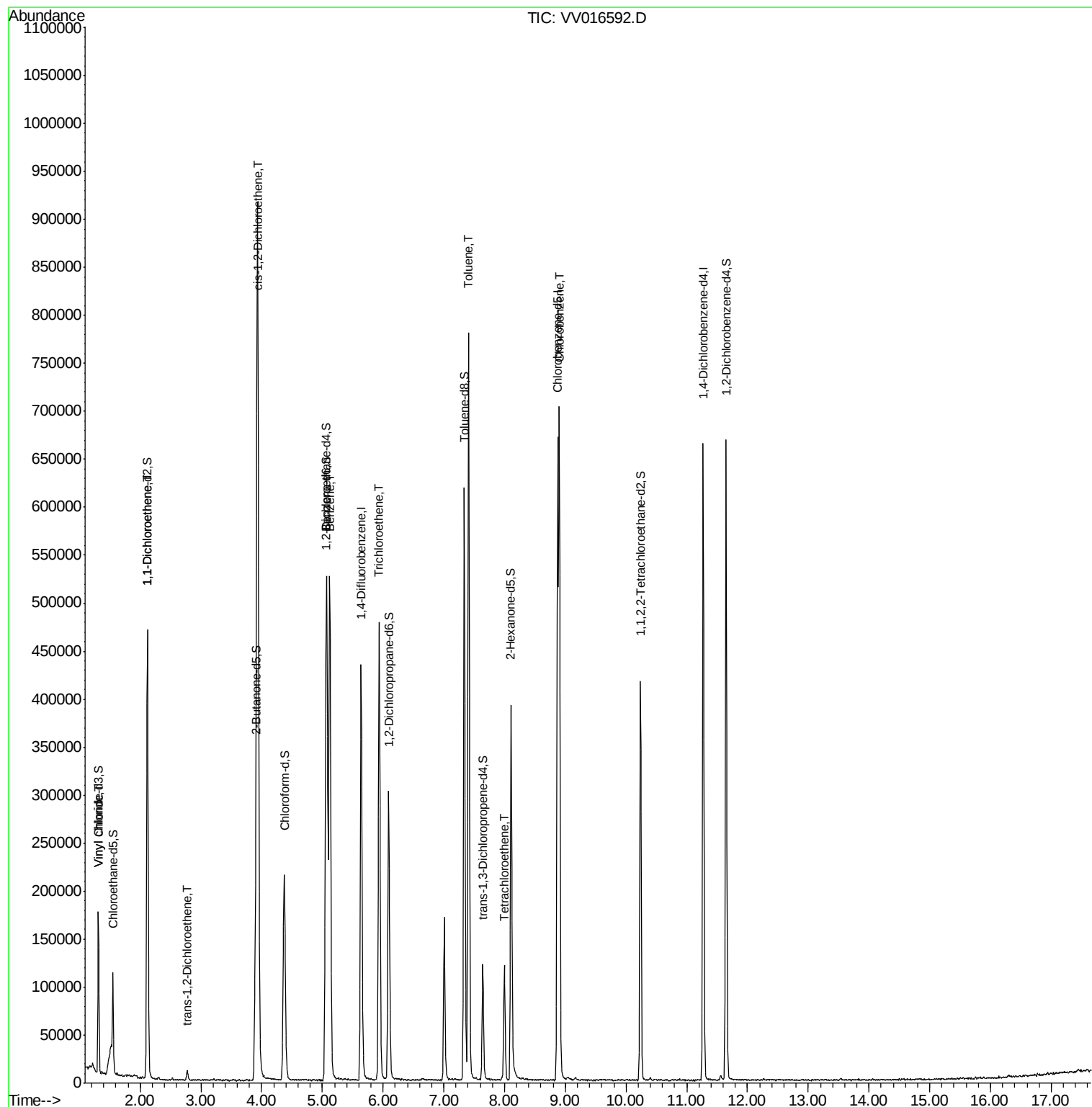
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	10703	3.849	ug/L	89
12) 1,1-Dichloroethene	2.13	96	87206	43.393	ug/L	87
17) trans-1,2-Dichloroethene	2.78	96	3121	1.231	ug/L	86
20) cis-1,2-Dichloroethene	3.93	96	490860	179.370	ug/L	100
33) Benzene	5.12	78	512048	52.255	ug/L	100
34) Trichloroethene	5.94	95	159428	62.005	ug/L	94
42) Toluene	7.41	91	538007	51.814	ug/L	98
46) Tetrachloroethene	8.00	164	25560	12.893	ug/L	98
51) Chlorobenzene	8.90	112	347431	50.910	ug/L	99

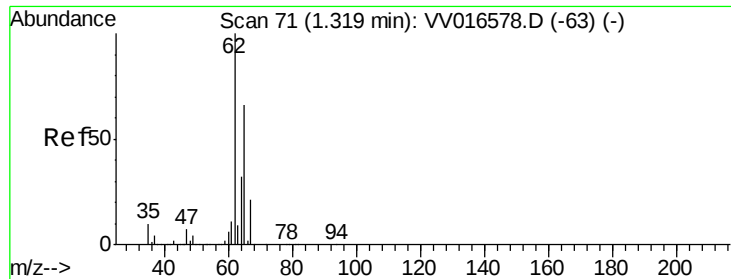
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.849 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

Instrument :

MSVOA_V

ClientSampleId :

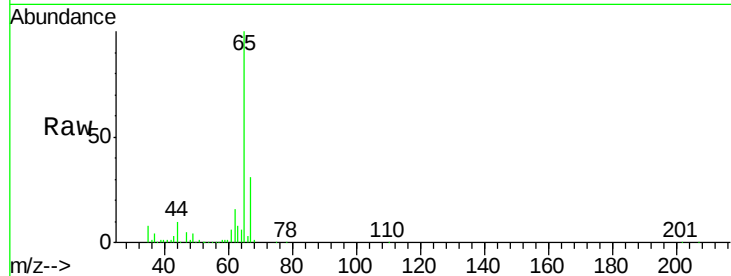
EW0K6MSD

Tot Ion: 62 Resp: 10703

Ion Ratio Lower Upper

62 100

64 38.4 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

12000

10000

8000

6000

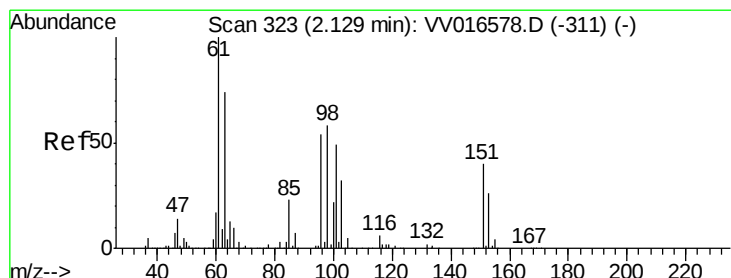
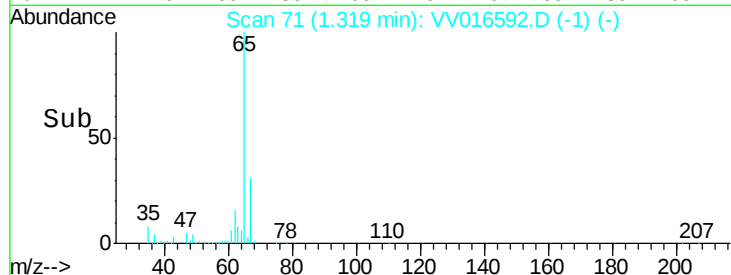
4000

2000

0

1.30 1.35

Time-->



#12

1,1-Dichloroethene

Concen: 43.393 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

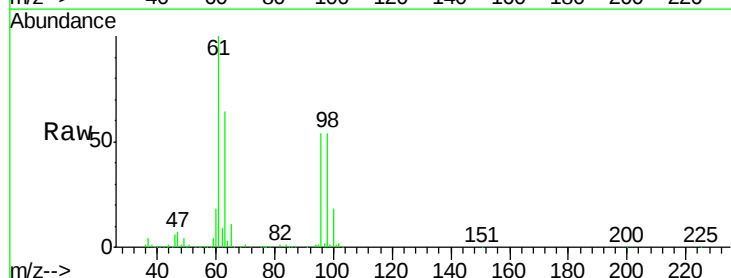
Tgt Ion: 96 Resp: 87206

Ion Ratio Lower Upper

96 100

61 186.0 125.5 233.1

63 119.3 104.0 193.1



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

150000

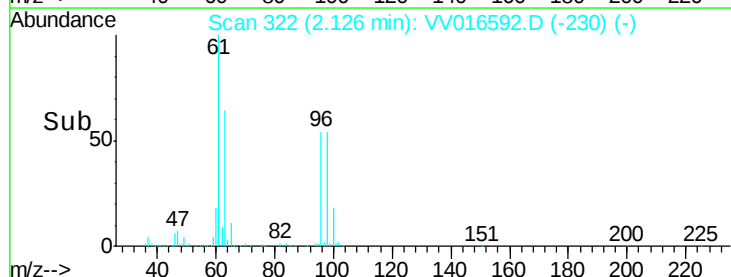
100000

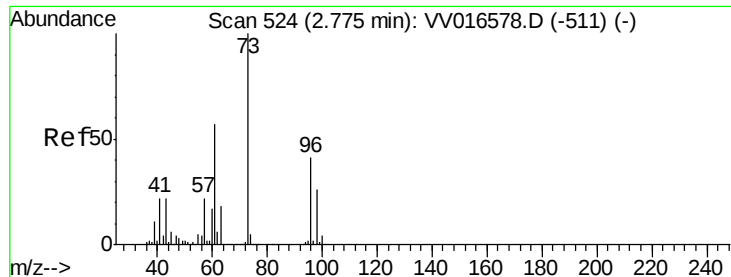
50000

0

2.05 2.10 2.15 2.20

Time-->





#17

trans-1,2-Dichloroethene

Concen: 1.231 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

Instrument :

MSVOA_V

ClientSampleId :

EW0K6MSD

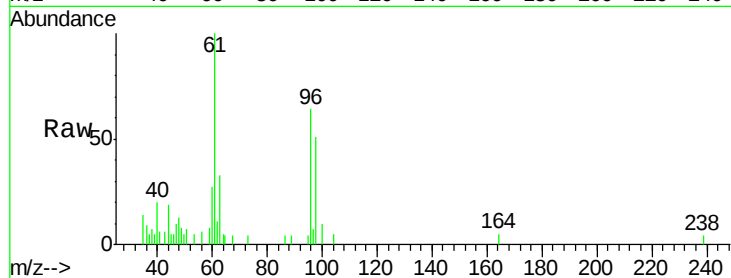
Tot Ion: 96 Resp: 3121

Ion Ratio Lower Upper

96 100

61 157.4 101.0 187.6

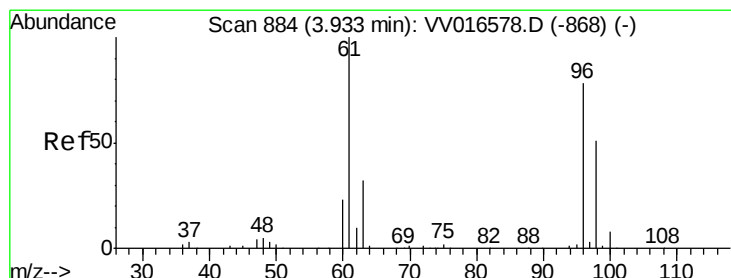
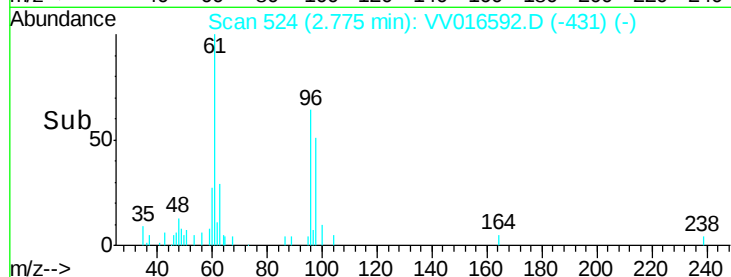
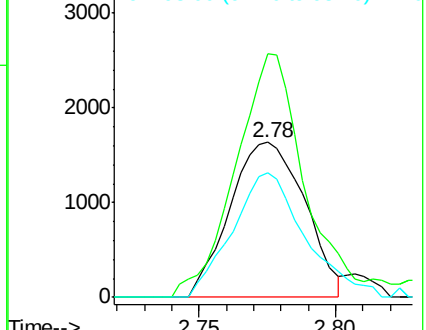
98 80.8 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 179.370 ug/L

RT: 3.93 min Scan# 884

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

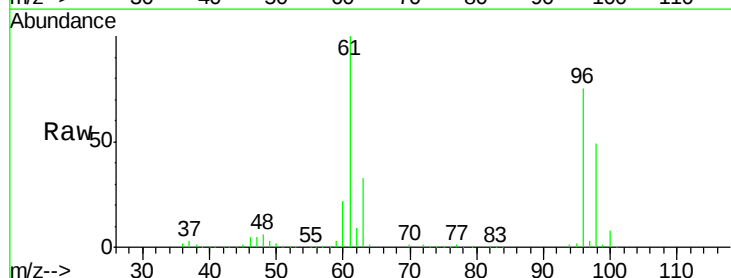
Tgt Ion: 96 Resp: 490860

Ion Ratio Lower Upper

96 100

61 133.0 93.4 173.4

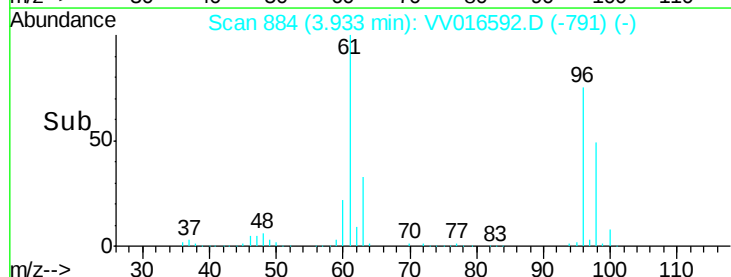
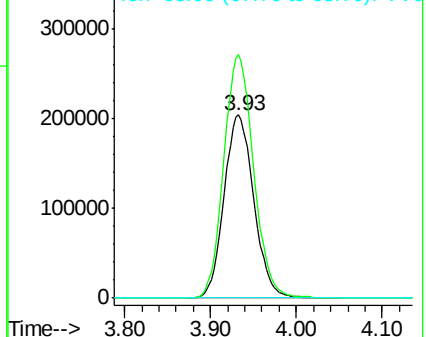
68 0.0 0.0 0.0

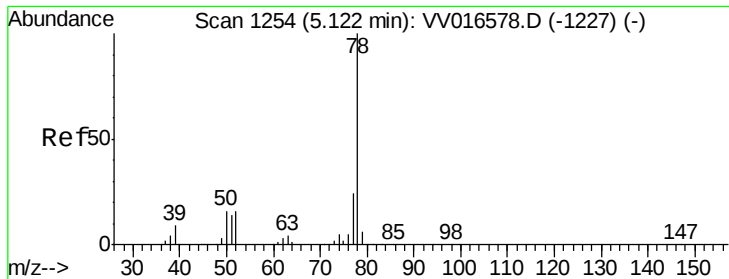


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#33

Benzene

Concen: 52.255 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

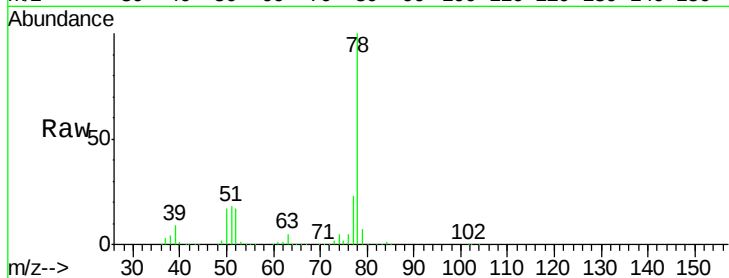
Instrument :

MSVOA_V

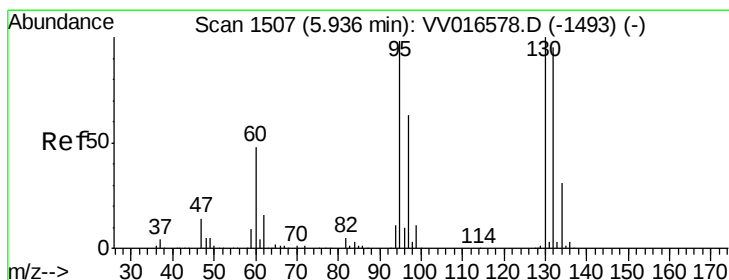
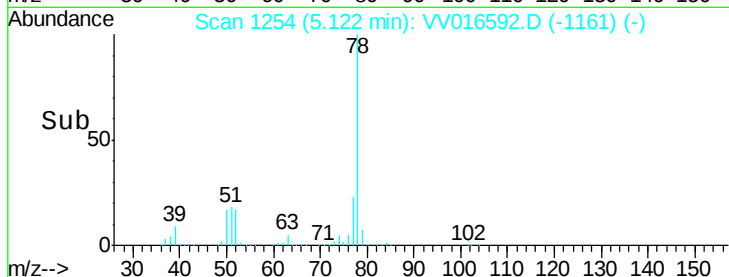
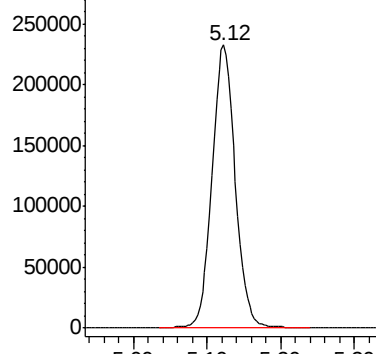
ClientSampleId :

EW0K6MSD

Tgt Ion: 78 Resp: 512048



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 62.005 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

Tgt Ion: 95 Resp: 159428

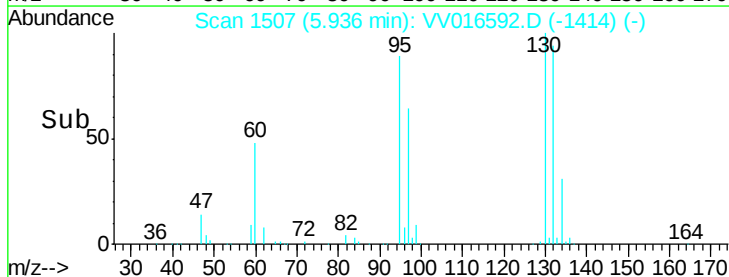
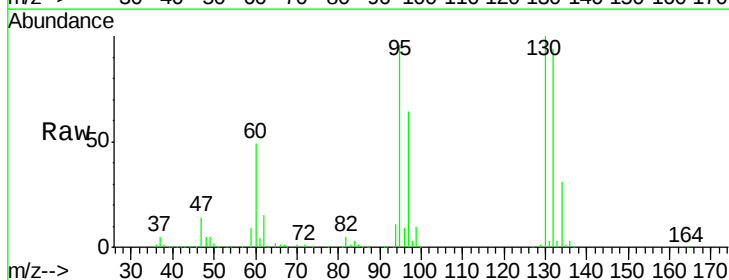
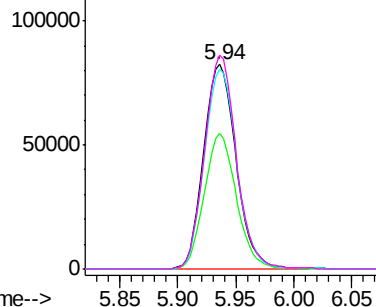
Ion	Ratio	Lower	Upper
95	100		
97	66.6	42.8	79.6
132	97.9	65.6	121.8
130	104.3	69.0	128.1

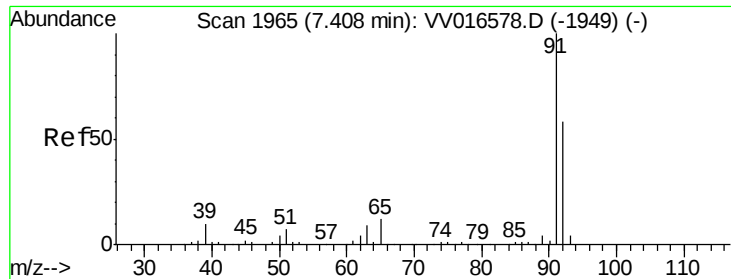
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 51.814 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

Instrument :

MSVOA_V

ClientSampleId :

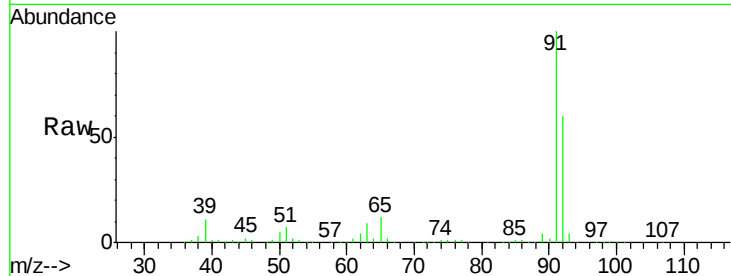
EW0K6MSD

Tot Ion: 91 Resp: 538007

Ion Ratio Lower Upper

91 100

92 59.8 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016578.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV016578.D (-1949) (-)

7.41

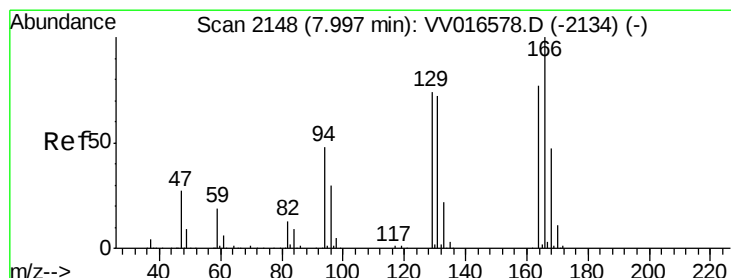
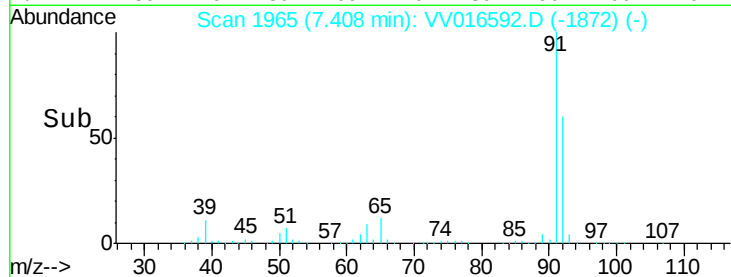
300000

200000

100000

0

Time-->



#46

Tetrachloroethene

Concen: 12.893 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

Tgt Ion:164 Resp: 25560

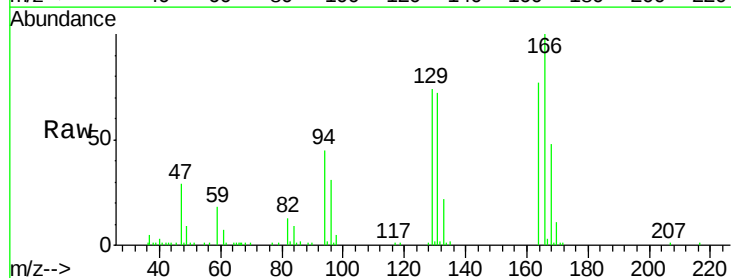
Ion Ratio Lower Upper

164 100

129 95.9 67.7 125.7

131 94.3 63.8 118.6

166 130.3 88.7 164.7



Abundance Ion 164.00 (163.70 to 164.70): VV016578.D (-2134) (-)

Ion 129.00 (128.70 to 129.70): VV016578.D (-2134) (-)

Ion 131.00 (130.70 to 131.70): VV016578.D (-2134) (-)

Ion 166.00 (165.70 to 166.70): VV016578.D (-2134) (-)

8.00

30000

25000

20000

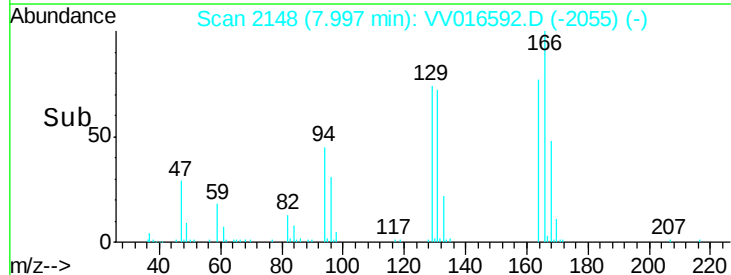
15000

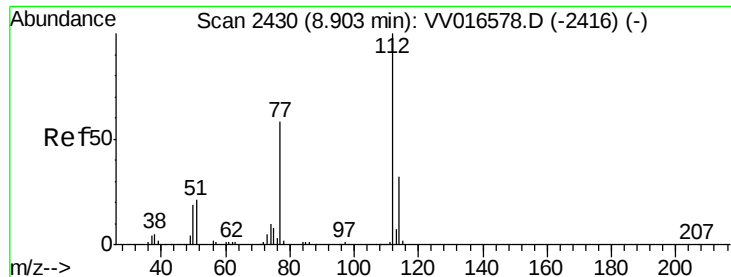
10000

5000

0

Time-->





#51
 Chlorobenzene
 Concen: 50.910 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV016592.D
 Acq: 06 Jun 2020 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6MSD

Tot Ion:	112	Resp:	347431
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.1
77	59.8	47.4	71.2

