

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 06 23:50:36 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

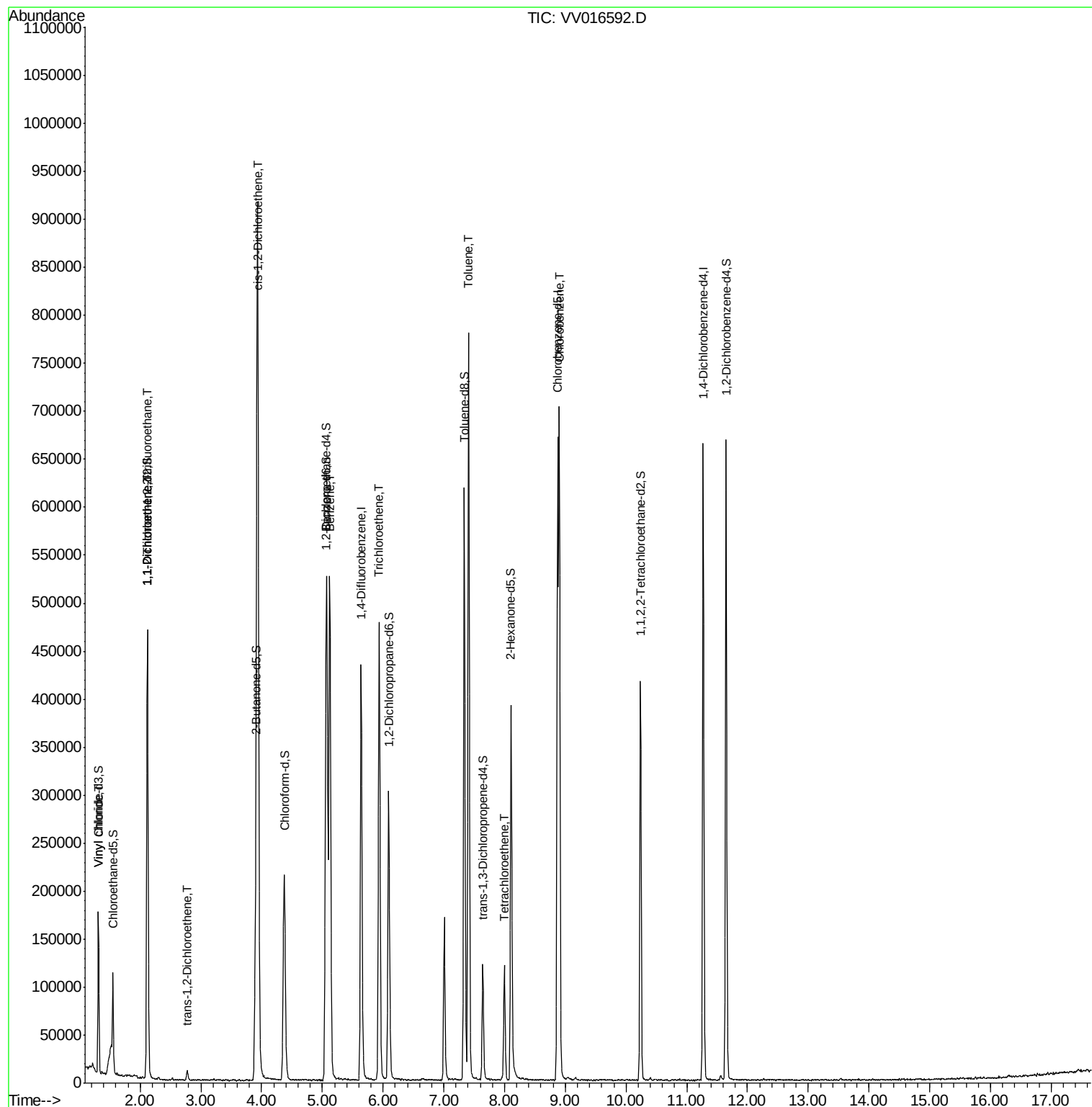
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	10703	3.849	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1522	0.729	ug/L #	25
12) 1,1-Dichloroethene	2.13	96	87206	43.393	ug/L	87
17) trans-1,2-Dichloroethene	2.78	96	3121	1.231	ug/L	86
20) cis-1,2-Dichloroethene	3.93	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

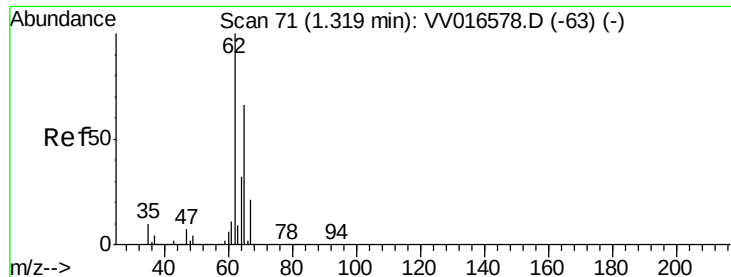
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060620\
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Quant Title : VOC Analysis
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 :

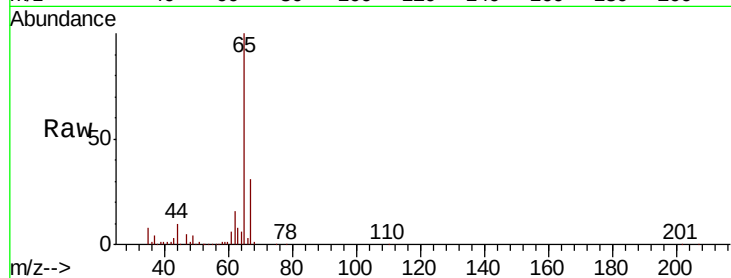
EW0K6MSD

Tot Ion: 62 Resp: 10703

Ion Ratio Lower Upper

62 100

64 38.4 22.7 42.1

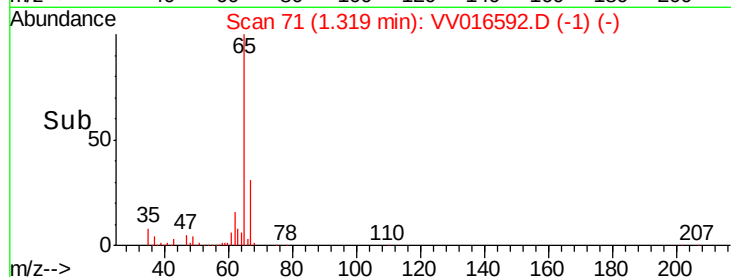


Abundance Ion 62.00 (61.70 to 62.70): VV016578.D (-63) (-)

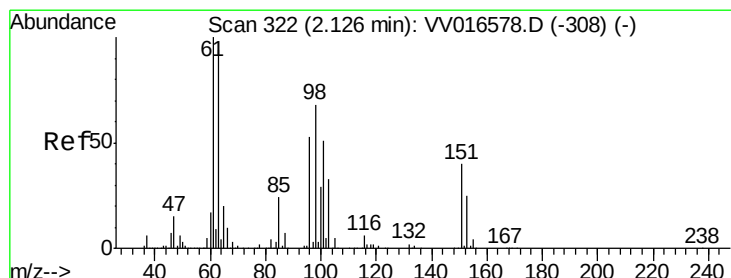
Ion 64.00 (63.70 to 64.70): VV016578.D (-63) (-)

1.32

1.35



Time-->



#10

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

Concen: 0.729 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016592.D

Acq: 06 Jun 2020 16:04

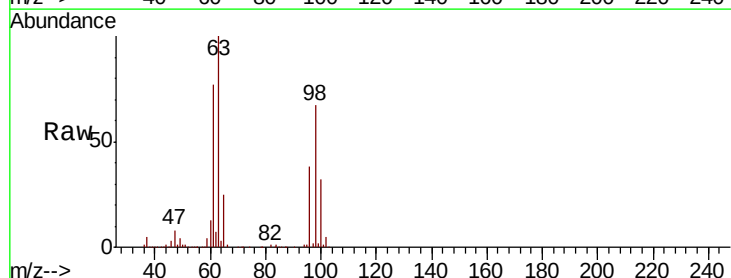
Tgt Ion: 101 Resp: 1522

Ion Ratio Lower Upper

101 100

85 8.5 35.6 53.4#

151 3.2 61.8 92.8#



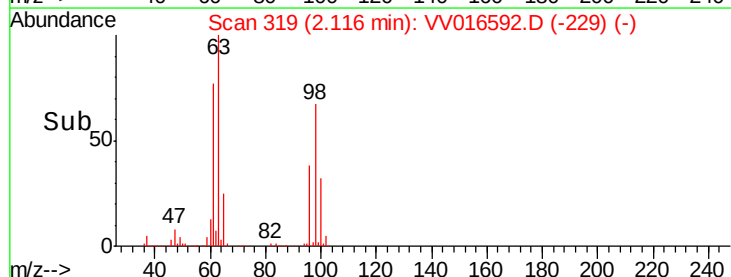
Abundance Ion 101.00 (100.70 to 101.70): VV016578.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV016578.D (-308) (-)

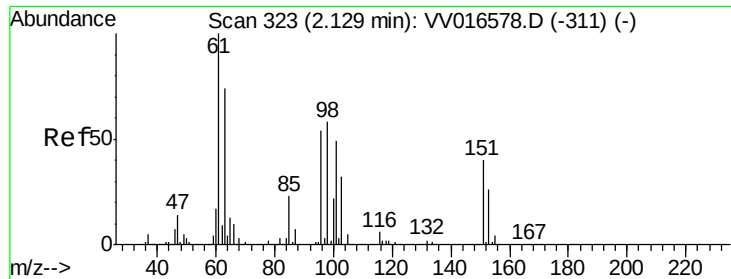
Ion 151.00 (150.70 to 151.70): VV016578.D (-308) (-)

2.12

2.15



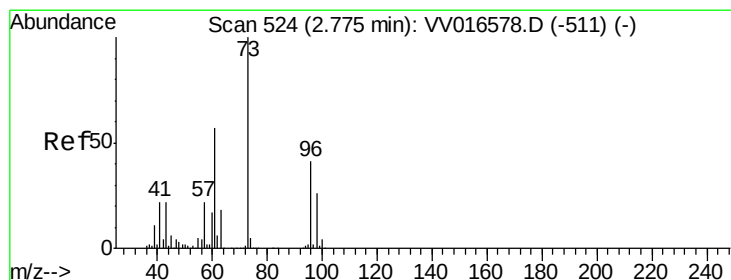
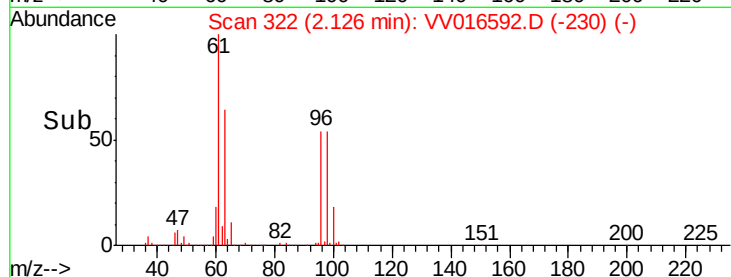
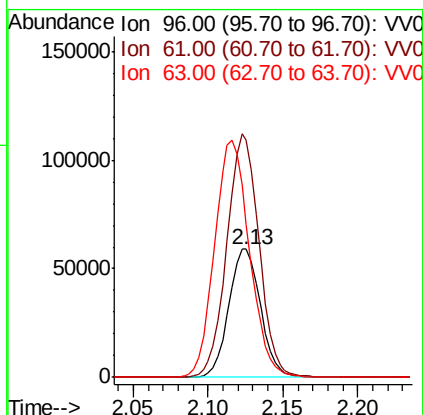
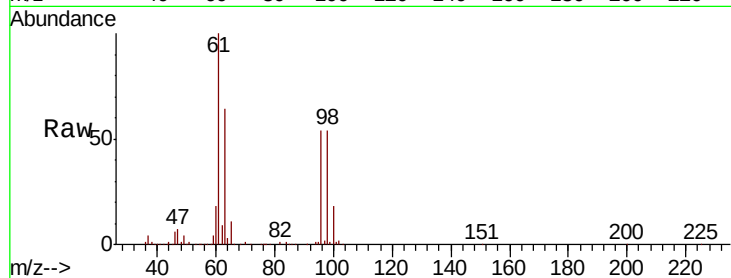
Time-->



#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

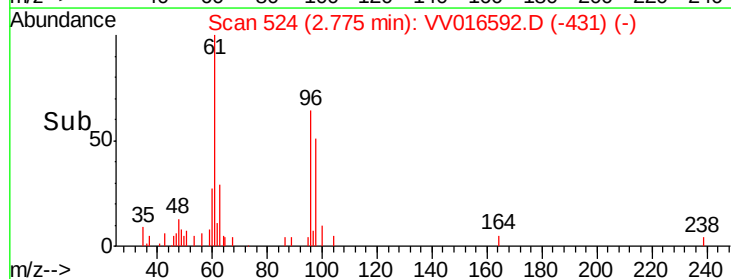
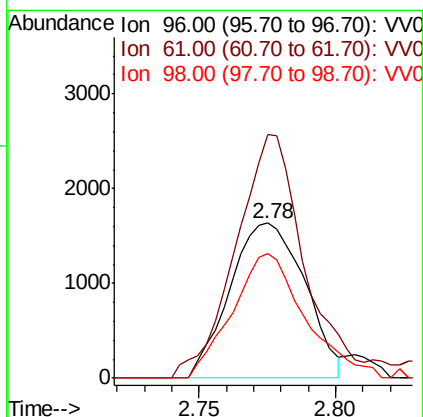
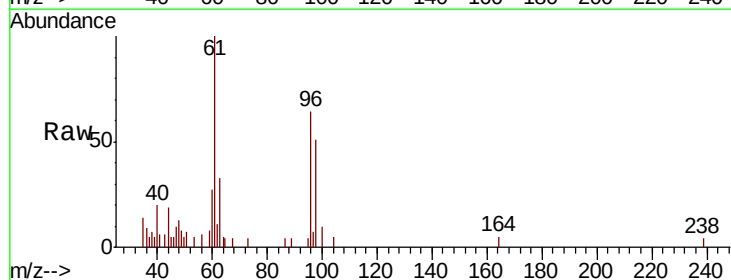
Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6MSD

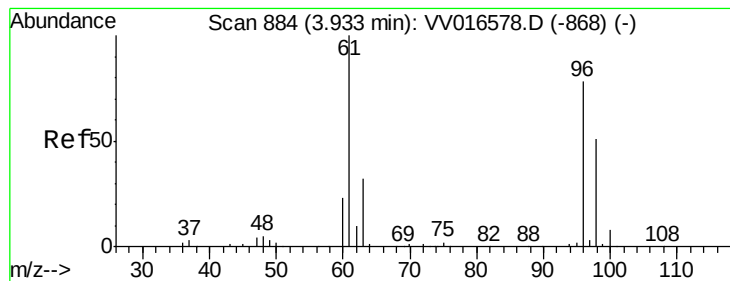
Tot Ion: 96 Resp: 87206
 Ion Ratio Lower Upper
 96 100
 61 186.0 125.5 233.1
 63 119.3 104.0 193.1



#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

Tgt Ion: 96 Resp: 3121
 Ion Ratio Lower Upper
 96 100
 61 157.4 101.0 187.6
 98 80.8 44.7 83.1



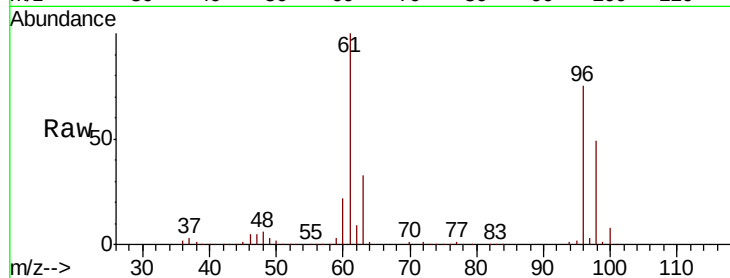


#20

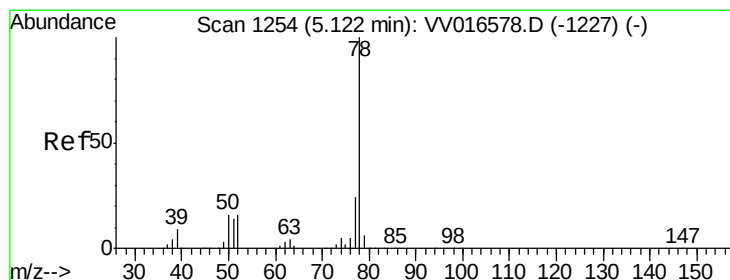
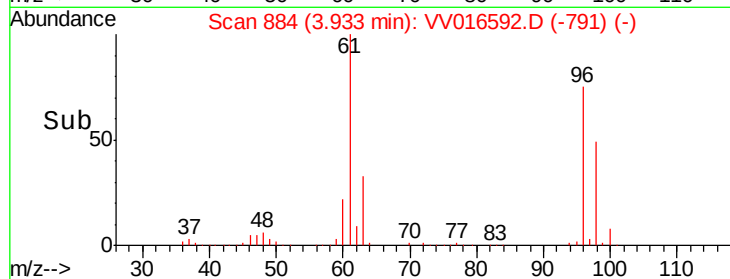
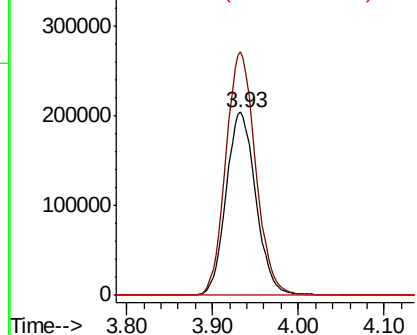
cis-1,2-Dichloroethene
 Concen: 179.370 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: VV016592.D
 Acq: 06 Jun 2020 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6MSD

Tot Ion: 96 Resp: 490860
 Ion Ratio Lower Upper
 96 100
 61 133.0 93.4 173.4
 68 0.0 0.0 0.0



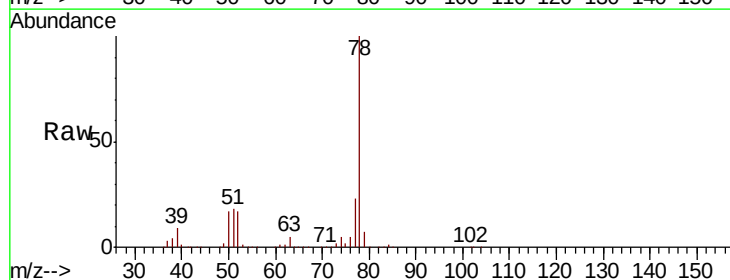
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



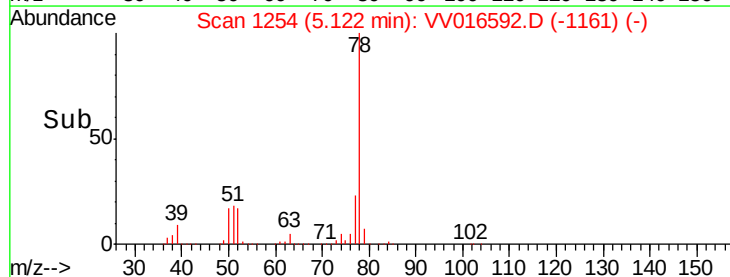
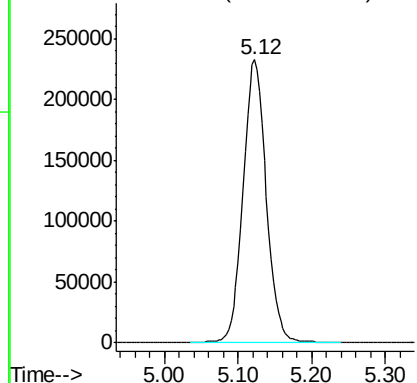
#33

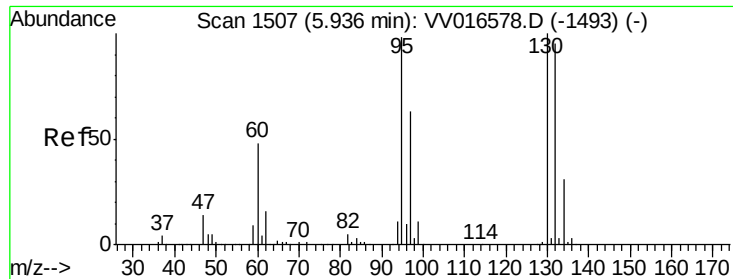
Benzene
 Concen: 52.255 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VV016592.D
 Acq: 06 Jun 2020 16:04

Tgt Ion: 78 Resp: 512048



Abundance Ion 78.00 (77.70 to 78.70): VV0

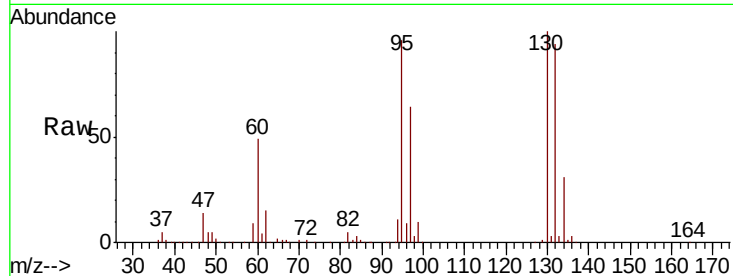




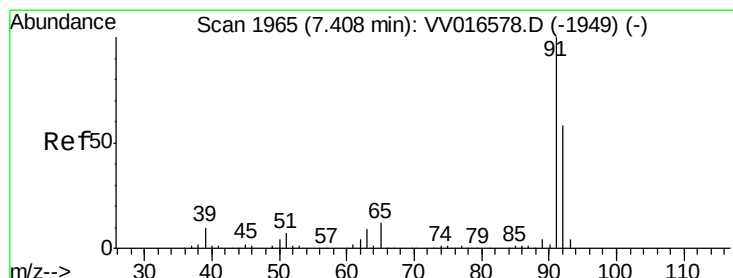
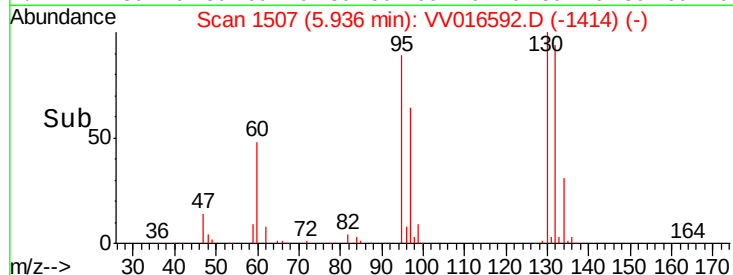
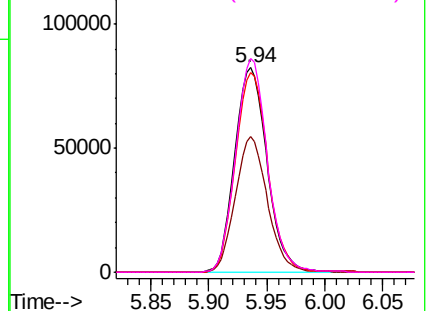
#34
 Trichloroethene
 Concen: 62.005 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016592.D
 Acq: 06 Jun 2020 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6MSD

Tot 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

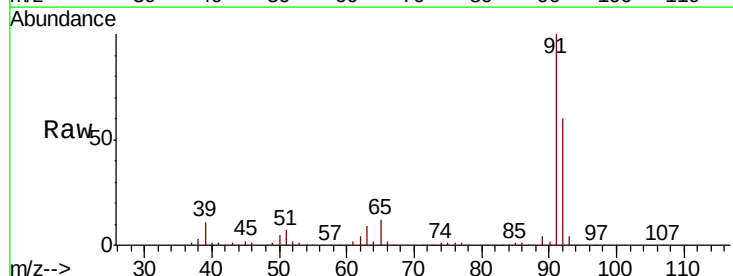


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

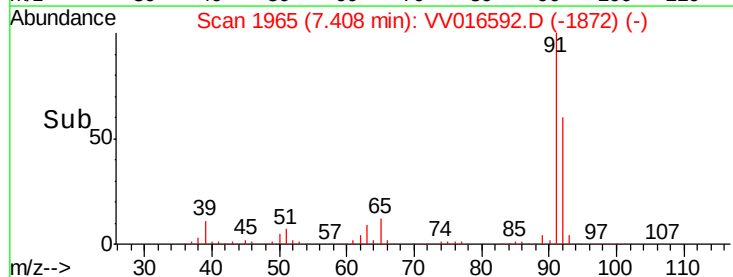
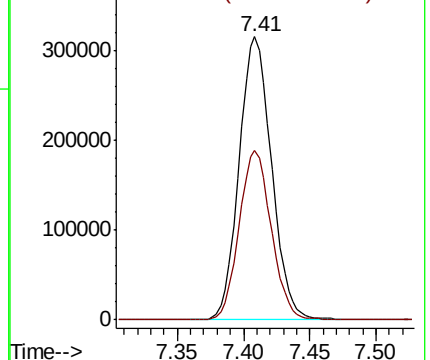


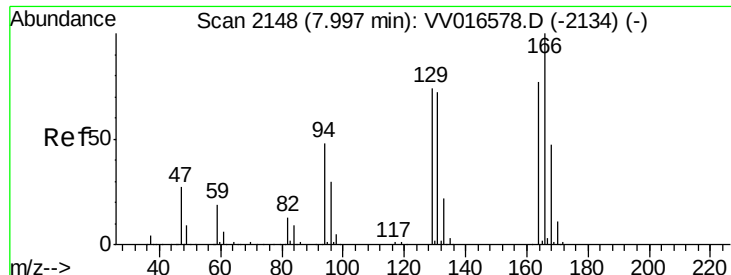
#42
 Toluene
 Concen: 51.814 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV016592.D
 Acq: 06 Jun 2020 16:04

Tgt 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): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#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

Instrument :

MSVOA_V

ClientSampleId :

EW0K6MSD

Tot Ion:164 Resp: 25560

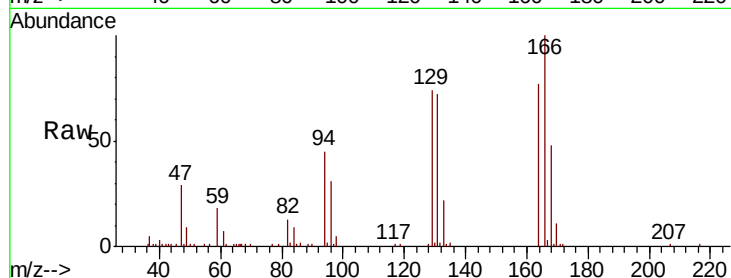
Ion Ratio Lower Upper

164 100

129 95.9 67.7 125.7

131 94.3 63.8 118.6

166 130.3 88.7 164.7



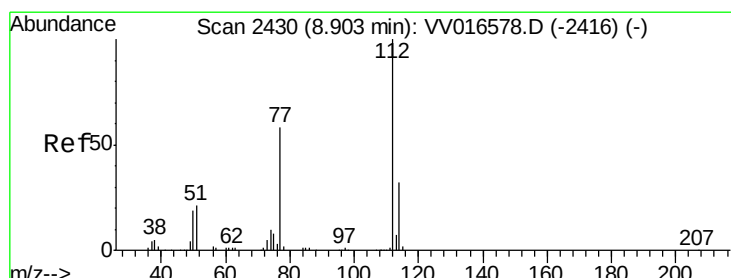
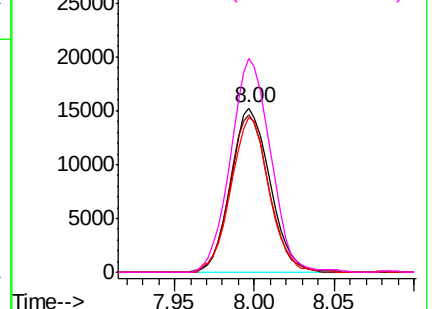
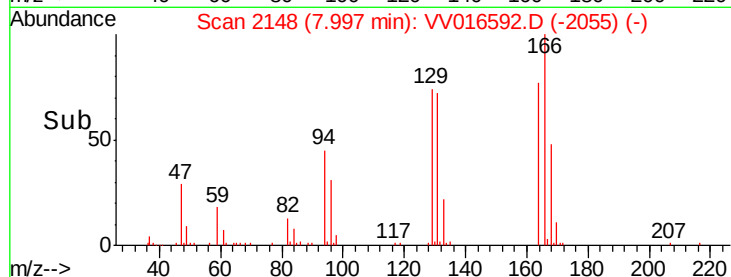
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#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

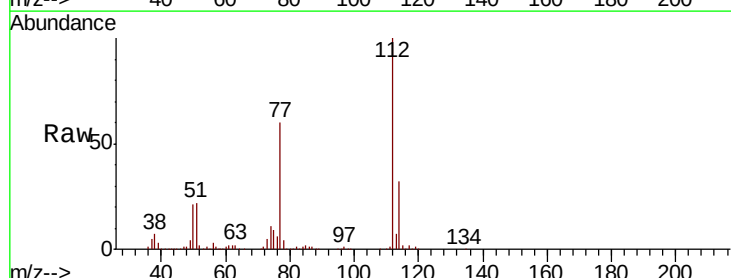
Tgt Ion:112 Resp: 347431

Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 59.8 47.4 71.2



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): VV0

