

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015800.D
 Acq On : 29 Apr 2020 18:12
 Operator : SY/MD
 Sample : L2410-21MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFF6MS

Quant Time: Apr 30 06:22:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38793	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.58	69	35428	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.12	63	83246	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.40%
20) 2-Butanone-d5	3.91	46	90177	43.01	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.02%
24) Chloroform-d	4.38	84	63604	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.06	65	42765	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	141644	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.09	67	43475	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	126283	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.65	79	14474	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.11	63	66674	37.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28632	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	45696	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

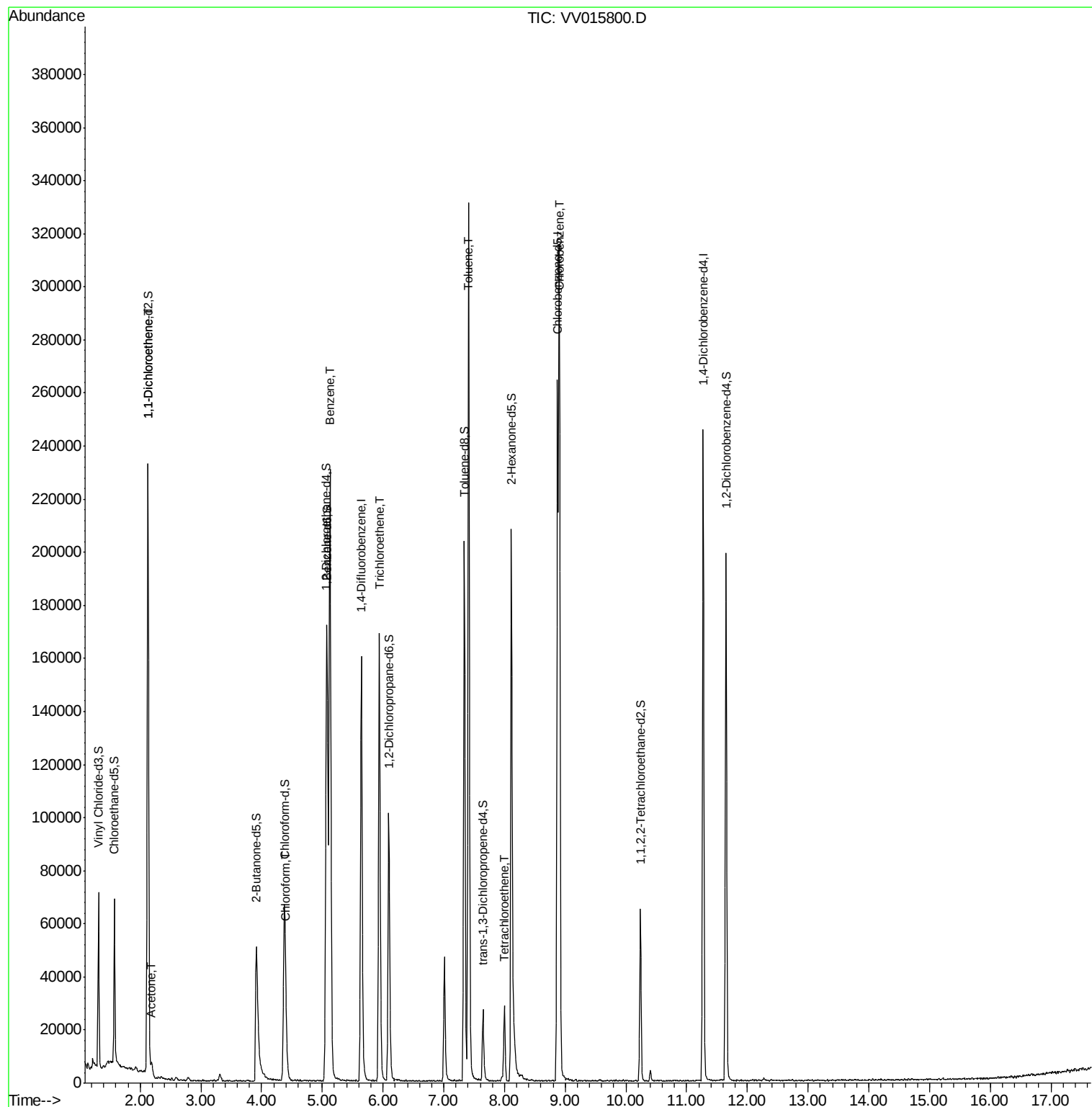
					Ovalue
12) 1,1-Dichloroethene	2.13	96	45496	6.255 ug/L	94
13) Acetone	2.19	43	5801	3.984 ug/L	98
25) Chloroform	4.41	83	11197	0.660 ug/L	100
33) Benzene	5.13	78	220078	6.206 ug/L	100
34) Trichloroethene	5.94	95	57500	5.872 ug/L	98
42) Toluene	7.41	91	227855	6.014 ug/L	98
47) Tetrachloroethene	8.00	164	5928	0.841 ug/L	96
51) Chlorobenzene	8.90	112	147818	5.955 ug/L	98

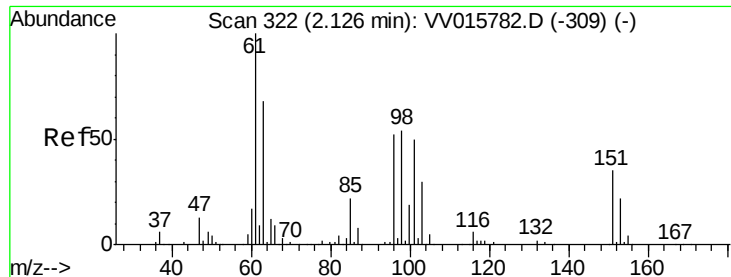
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.255 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015800.D

Acq: 29 Apr 2020 18:12

Instrument :

MSVOA_V

ClientSampleId :

DBFF6MS

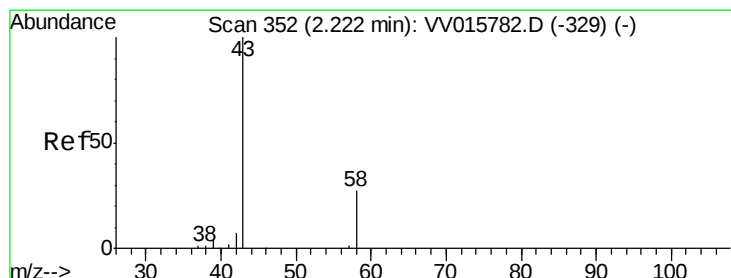
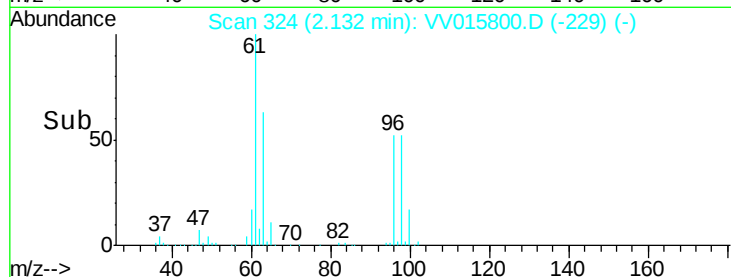
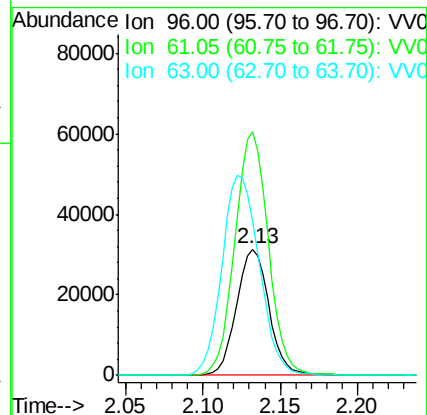
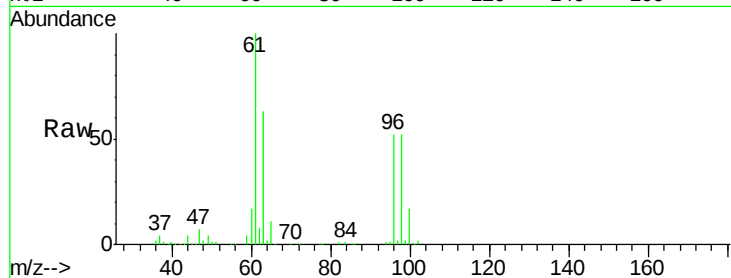
Tot Ion: 96 Resp: 45496

Ion Ratio Lower Upper

96 100

61 193.2 130.1 241.7

63 122.3 91.4 169.8



#13

Acetone

Concen: 3.984 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV015800.D

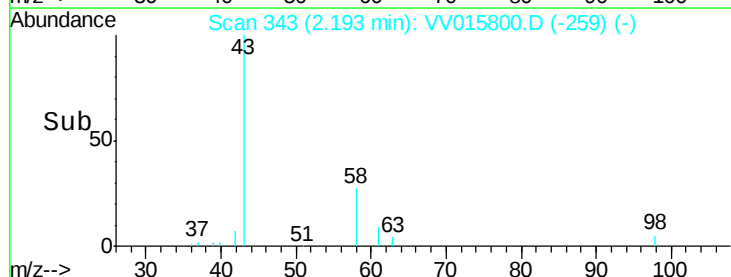
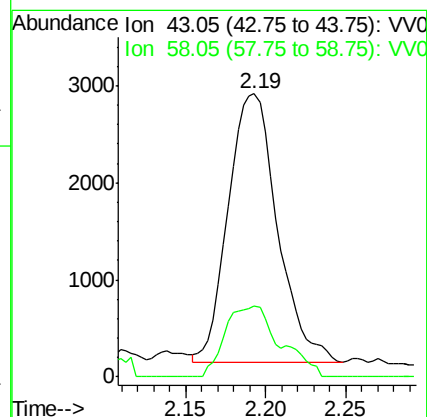
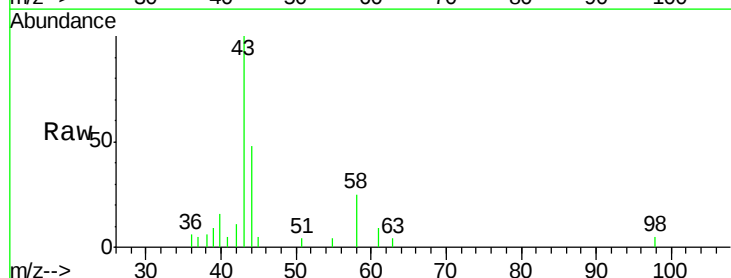
Acq: 29 Apr 2020 18:12

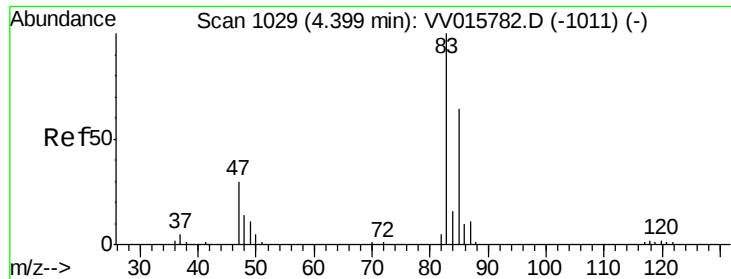
Tgt Ion: 43 Resp: 5801

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.6

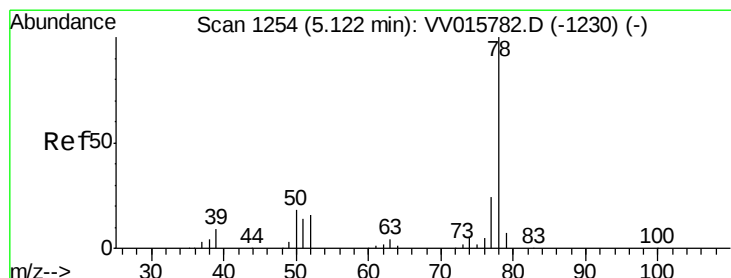
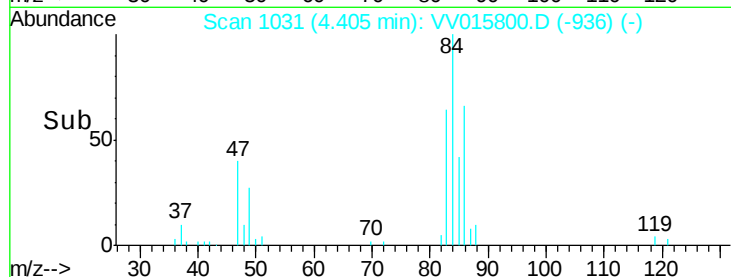
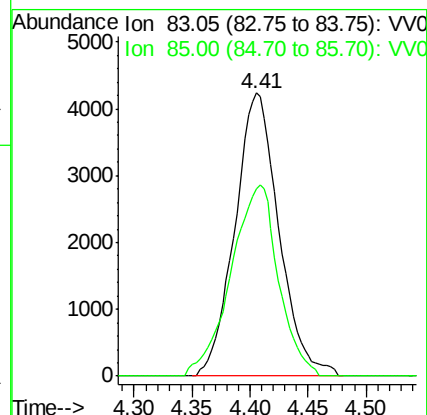
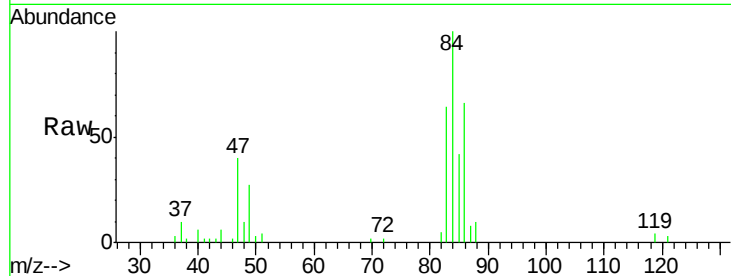




#25
Chloroform
Concen: 0.660 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015800.D
Acq: 29 Apr 2020 18:12

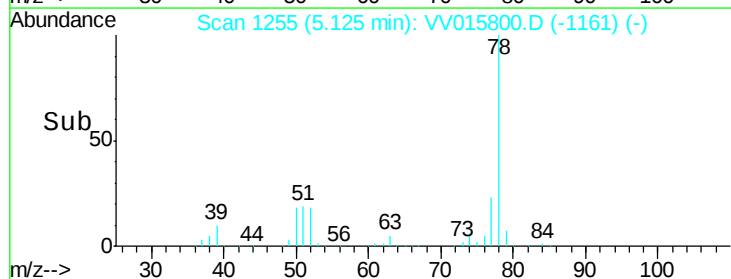
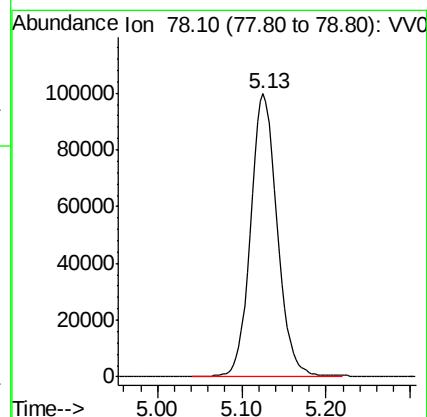
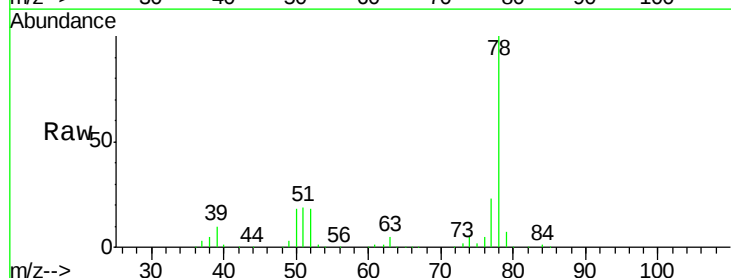
Instrument :
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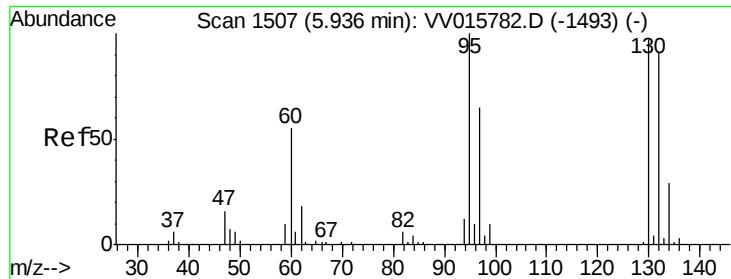
Tot Ion: 83 Resp: 11197
Ion Ratio Lower Upper
83 100
85 66.1 46.1 85.5



#33
Benzene
Concen: 6.206 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015800.D
Acq: 29 Apr 2020 18:12

Tgt Ion: 78 Resp: 220078

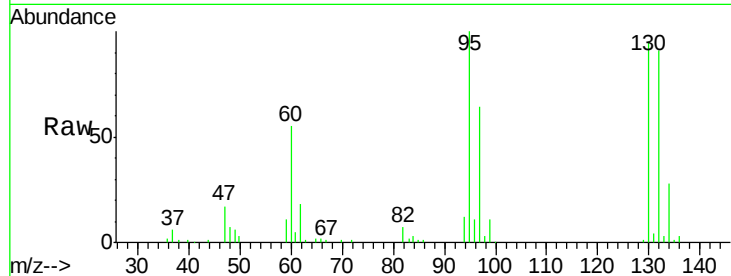




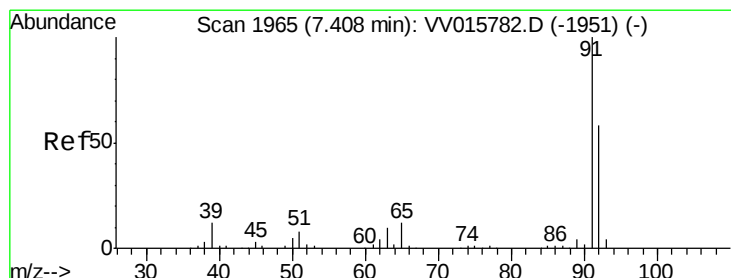
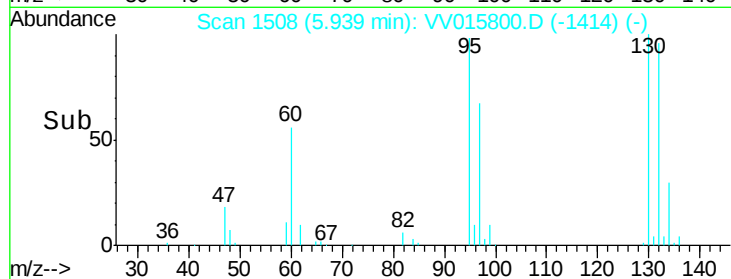
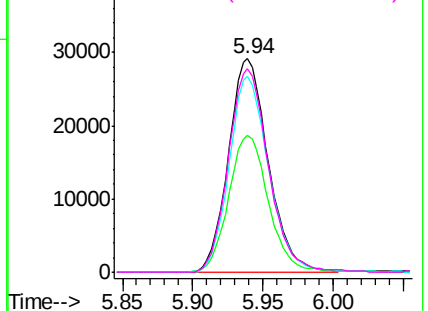
#34
 Trichloroethene
 Concen: 5.872 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015800.D
 Acq: 29 Apr 2020 18:12

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFF6MS

Tot Ion: 95 Resp: 57500
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.7 82.9
 132 91.5 65.2 121.0
 130 95.1 65.0 120.6

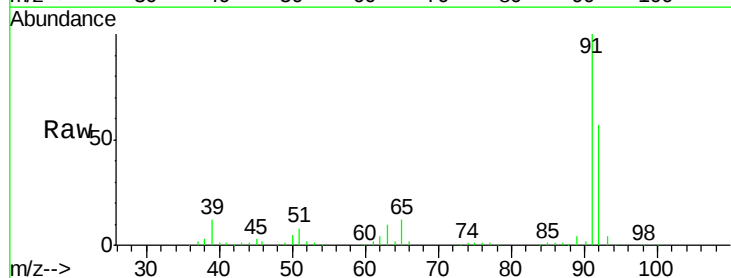


Abundance Ion 95.00 (94.70 to 95.70): VV015800.D (-1414) (-)
 Ion 96.95 (96.65 to 97.65): VV015800.D (-1414) (-)
 Ion 131.95 (131.65 to 132.65): VV015800.D (-1414) (-)
 Ion 129.95 (129.65 to 130.65): VV015800.D (-1414) (-)

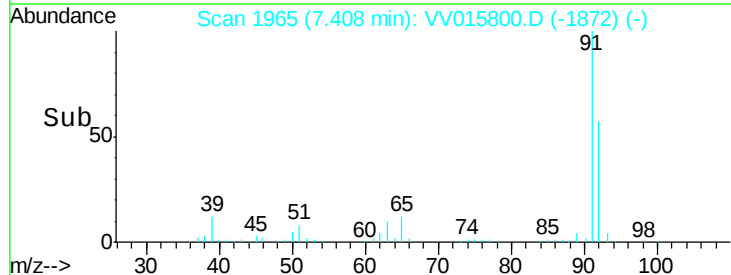
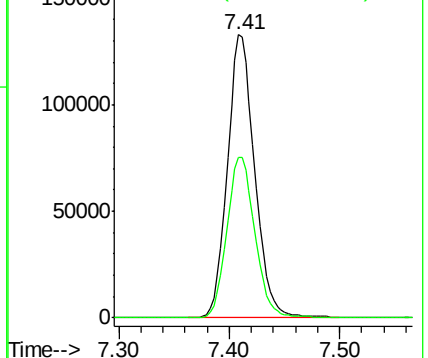


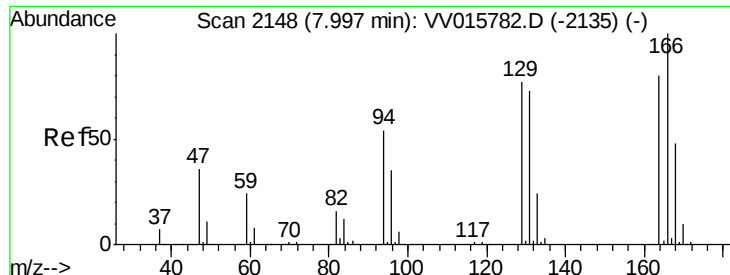
#42
 Toluene
 Concen: 6.014 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV015800.D
 Acq: 29 Apr 2020 18:12

Tgt Ion: 91 Resp: 227855
 Ion Ratio Lower Upper
 91 100
 92 56.9 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV015800.D (-1872) (-)
 Ion 92.15 (91.85 to 92.85): VV015800.D (-1872) (-)





#47

Tetrachloroethene

Concen: 0.841 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015800.D

Acq: 29 Apr 2020 18:12

Instrument :

MSVOA_V

ClientSampleId :

DBFF6MS

Tot Ion:164 Resp: 5928

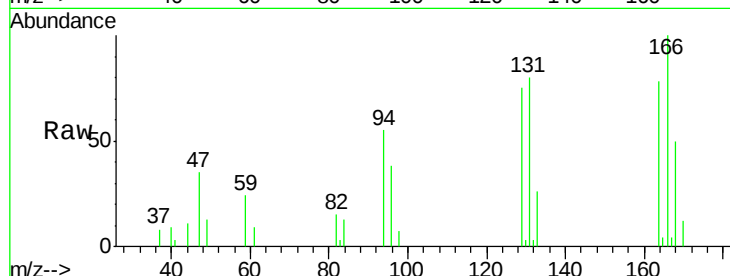
Ion Ratio Lower Upper

164 100

129 95.6 66.7 123.9

131 101.5 66.6 123.6

166 127.6 85.3 158.5

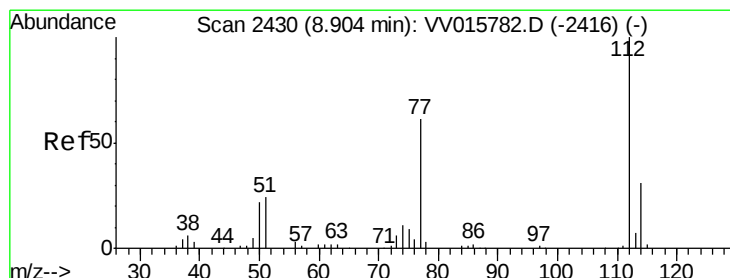
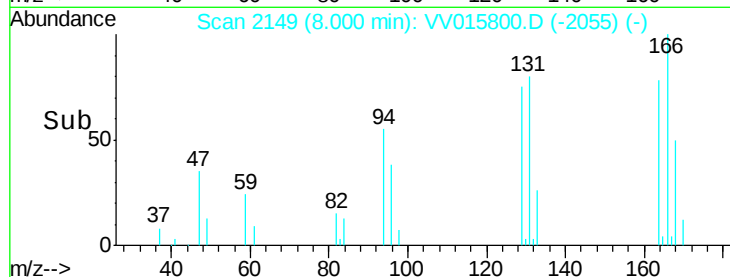
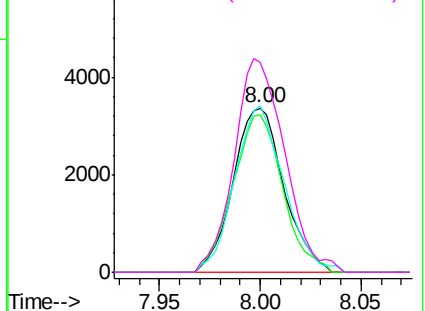


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 5.955 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015800.D

Acq: 29 Apr 2020 18:12

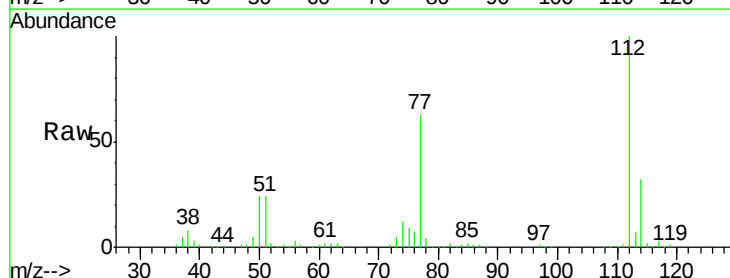
Tgt Ion:112 Resp: 147818

Ion Ratio Lower Upper

112 100

114 32.0 21.6 40.2

77 63.0 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

