

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015801.D
 Acq On : 29 Apr 2020 18:36
 Operator : SY/MD
 Sample : L2410-22MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFF6MSD

Quant Time: Apr 30 06:25:40 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	123593	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36991	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.58	69	33921	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.12	63	82348	5.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.60%
20) 2-Butanone-d5	3.92	46	93059	44.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.74%
24) Chloroform-d	4.38	84	59941	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.06	65	40334	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	137476	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.10	67	42229	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.34	98	123013	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.64	79	13942	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.11	63	66291	38.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28586	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	44757	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

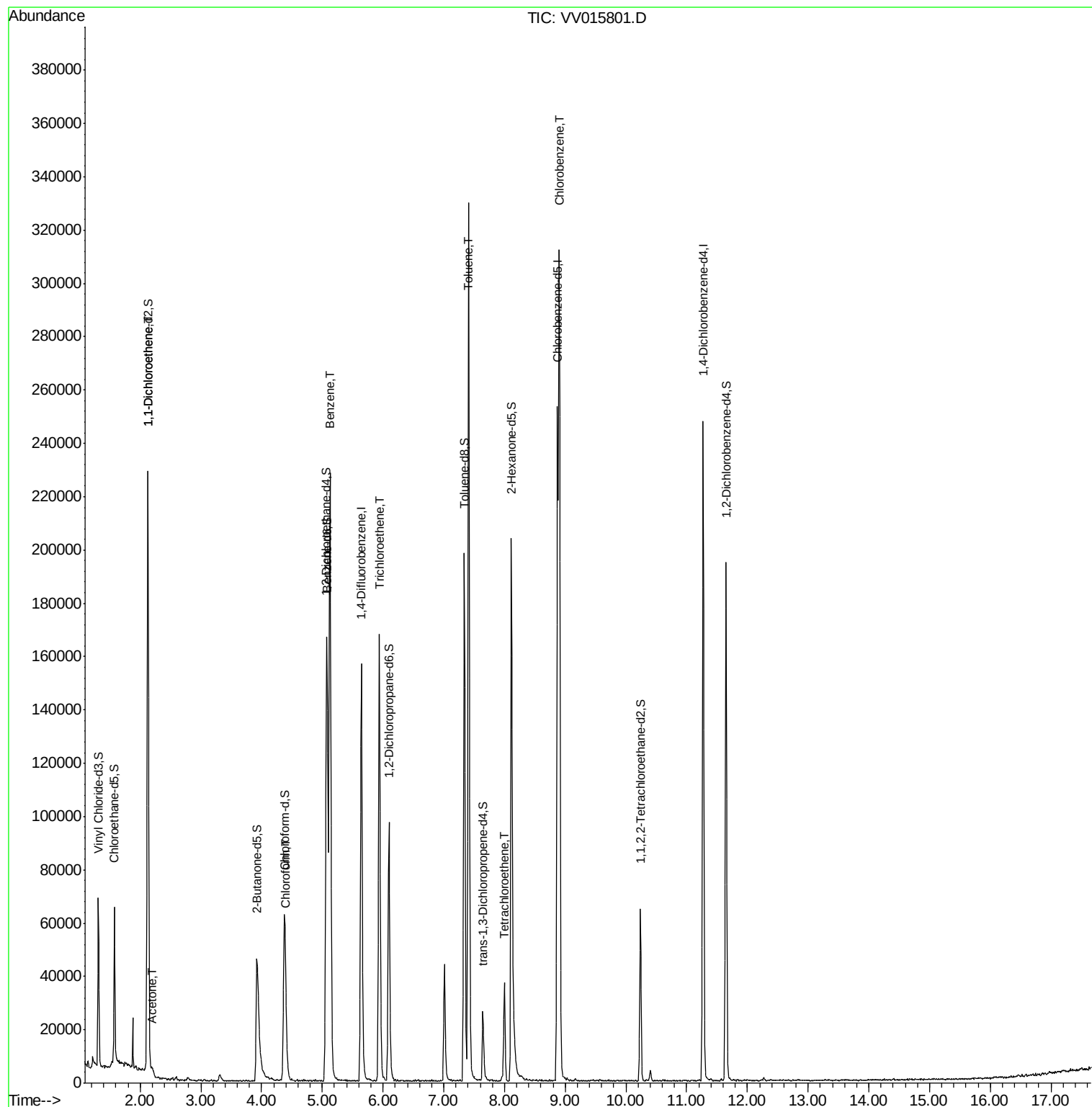
					Ovalue
12) 1,1-Dichloroethene	2.13	96	46324	6.440 ug/L	92
13) Acetone	2.21	43	4432	3.078 ug/L	83
25) Chloroform	4.40	83	12927	0.770 ug/L	100
33) Benzene	5.13	78	218219	6.310 ug/L	100
34) Trichloroethene	5.94	95	57635	6.035 ug/L	97
42) Toluene	7.41	91	228359	6.180 ug/L	100
47) Tetrachloroethene	8.00	164	7771	1.130 ug/L	98
51) Chlorobenzene	8.90	112	149348	6.169 ug/L	96

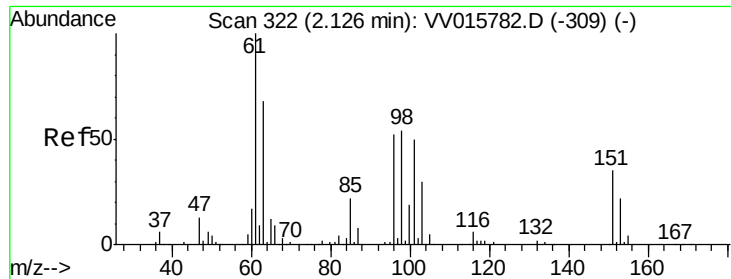
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

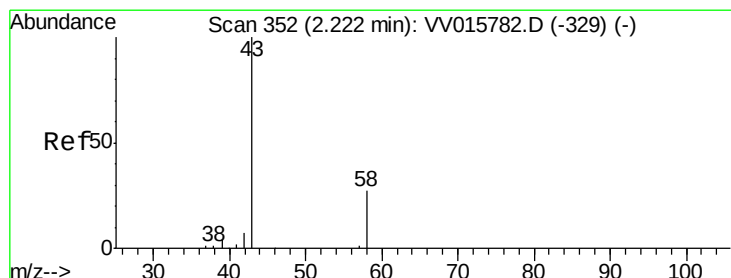
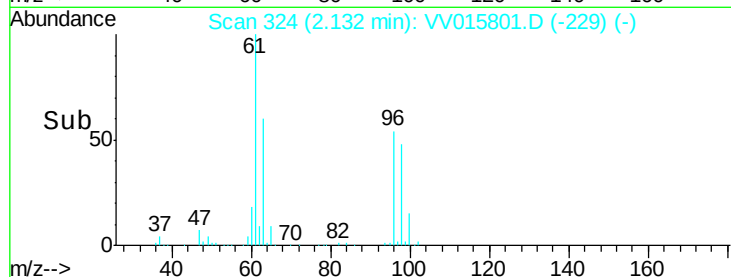
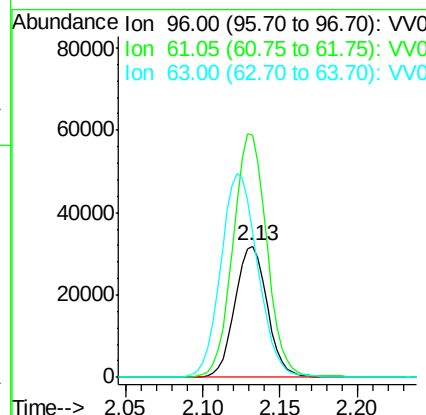
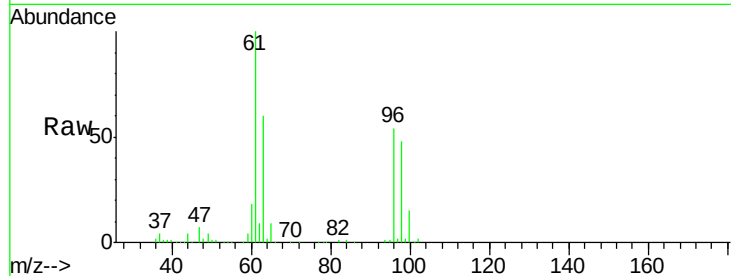




#12
 1,1-Dichloroethene
 Concen: 6.440 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VV015801.D
 Acq: 29 Apr 2020 18:36

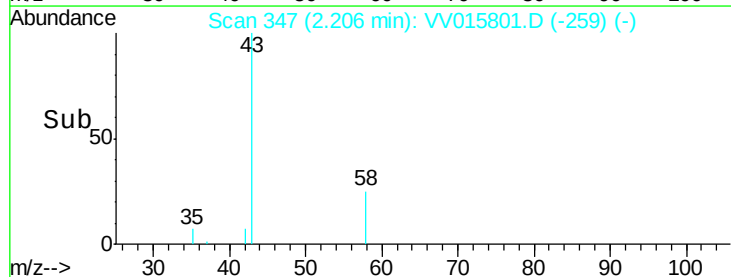
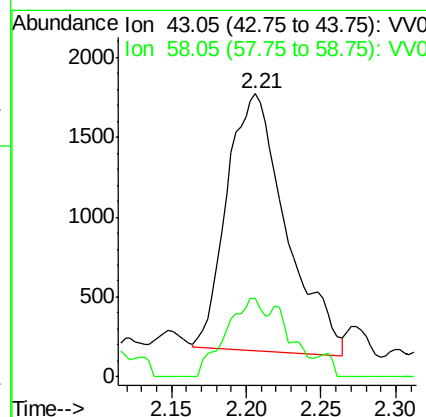
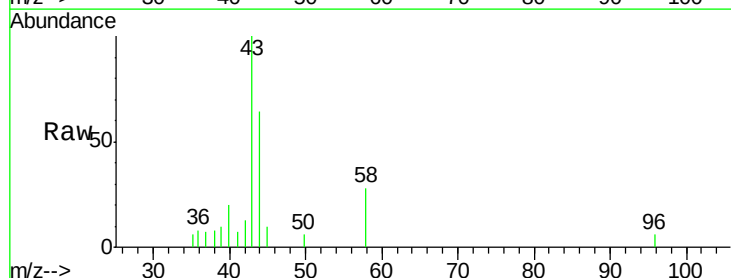
Instrument :
 MSVOA_V
 ClientSampled :
 DBFF6MSD

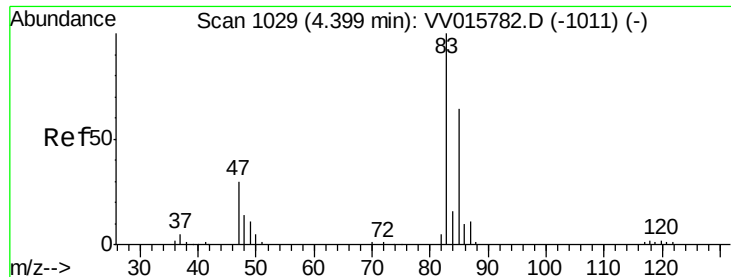
Tot Ion: 96 Resp: 46324
 Ion Ratio Lower Upper
 96 100
 61 184.2 130.1 241.7
 63 110.5 91.4 169.8



#13
 Acetone
 Concen: 3.078 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VV015801.D
 Acq: 29 Apr 2020 18:36

Tgt Ion: 43 Resp: 4432
 Ion Ratio Lower Upper
 43 100
 58 19.5 0.0 57.6

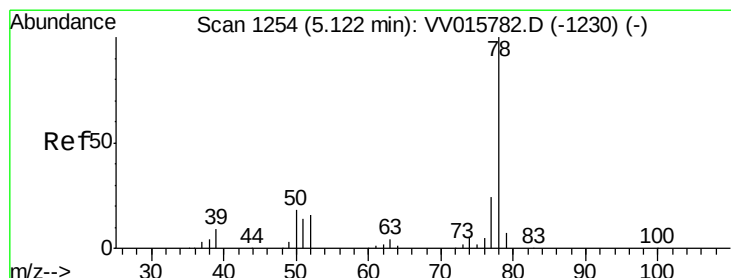
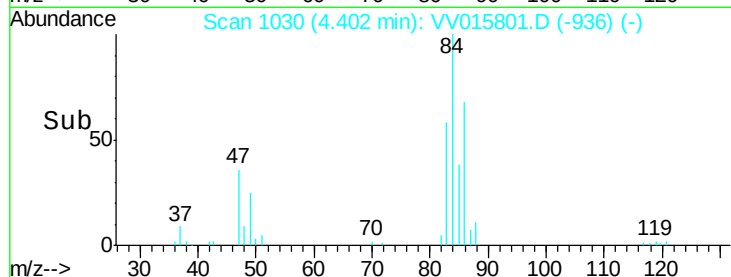
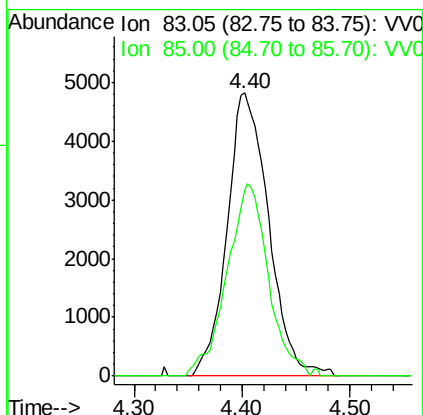
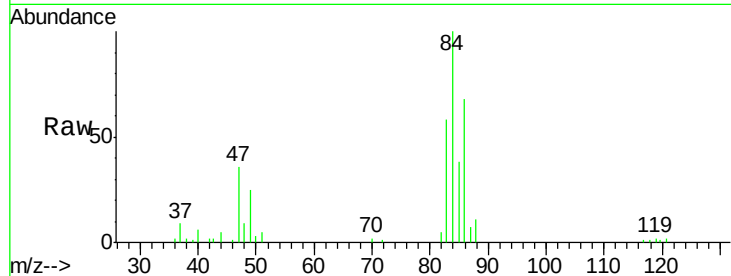




#25
Chloroform
Concen: 0.770 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015801.D
Acq: 29 Apr 2020 18:36

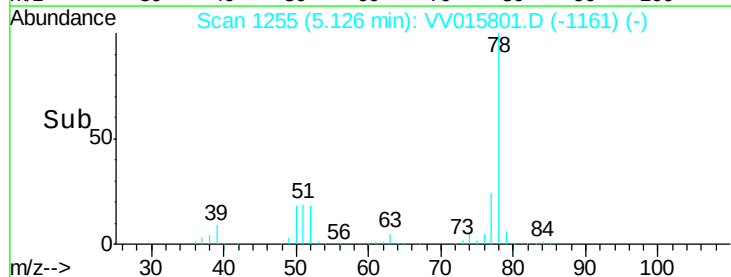
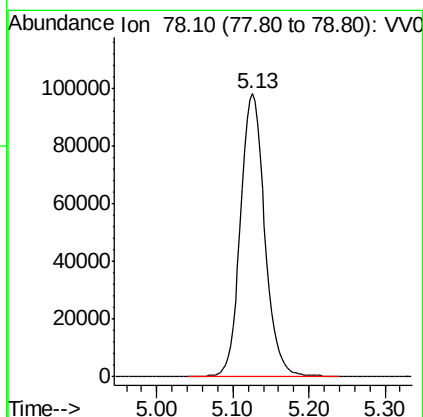
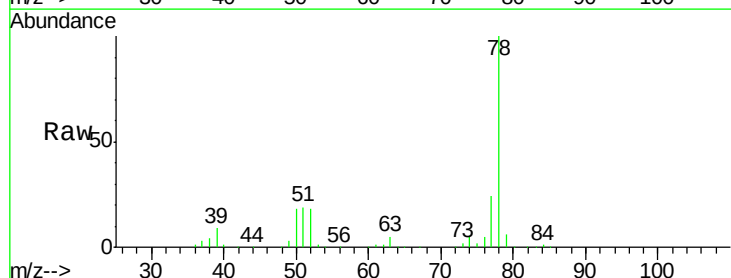
Instrument :
MSVOA_V
ClientSampled :
DBFF6MSD

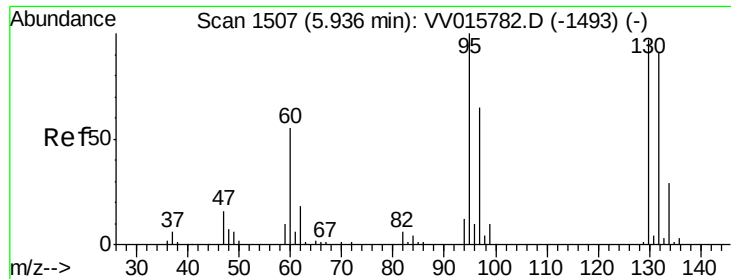
Tot Ion: 83 Resp: 12927
Ion Ratio Lower Upper
83 100
85 66.0 46.1 85.5



#33
Benzene
Concen: 6.310 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015801.D
Acq: 29 Apr 2020 18:36

Tgt Ion: 78 Resp: 218219

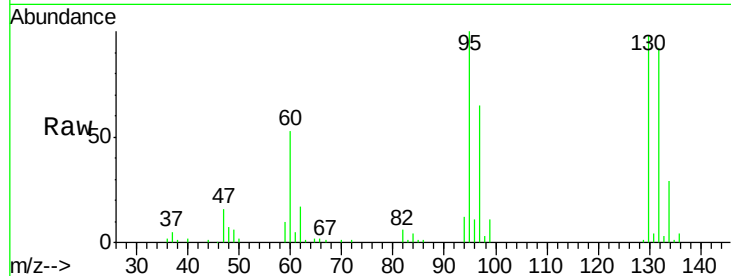




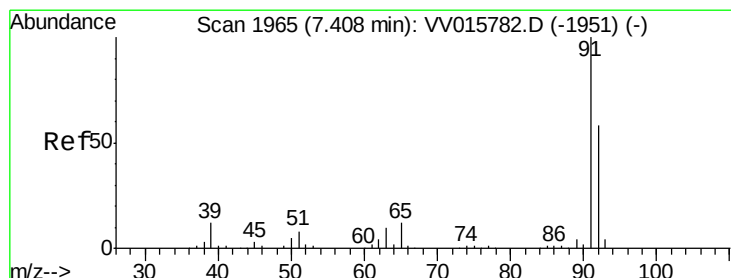
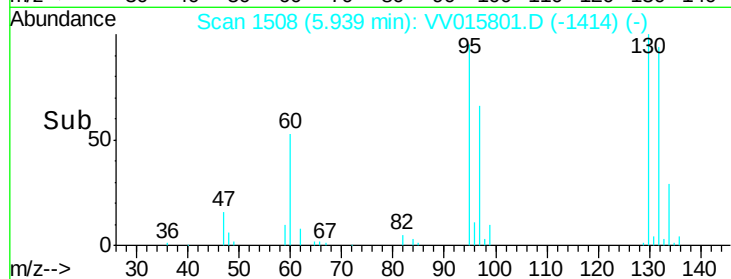
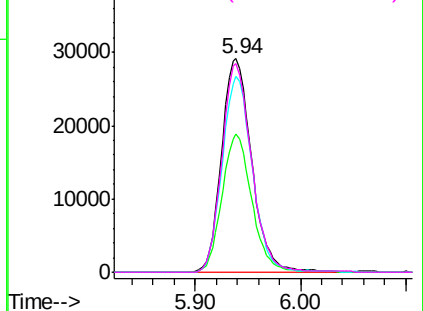
#34
 Trichloroethene
 Concen: 6.035 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015801.D
 Acq: 29 Apr 2020 18:36

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFF6MSD

Tot Ion: 95 Resp: 57635
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.7 82.9
 132 91.6 65.2 121.0
 130 97.9 65.0 120.6

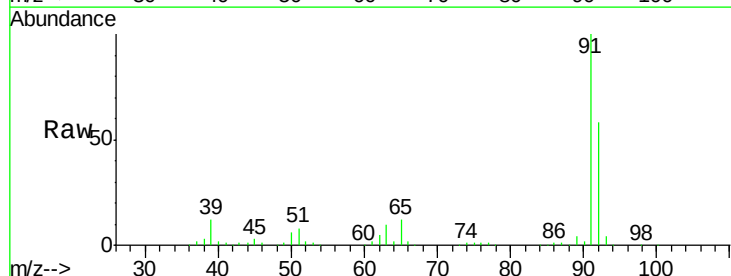


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

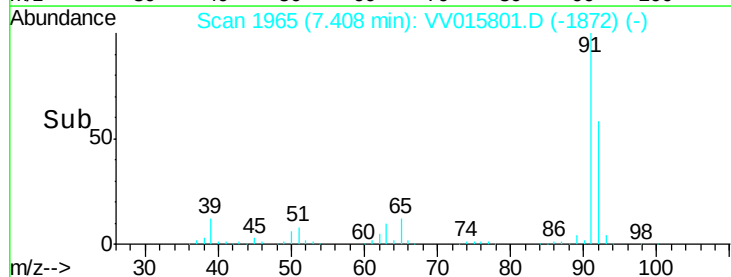
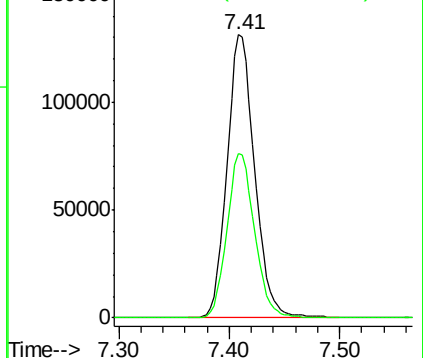


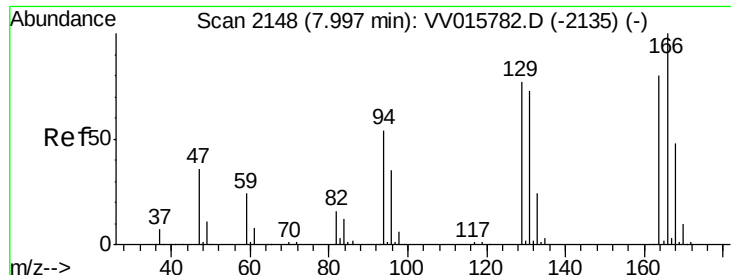
#42
 Toluene
 Concen: 6.180 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV015801.D
 Acq: 29 Apr 2020 18:36

Tgt Ion: 91 Resp: 228359
 Ion Ratio Lower Upper
 91 100
 92 58.2 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

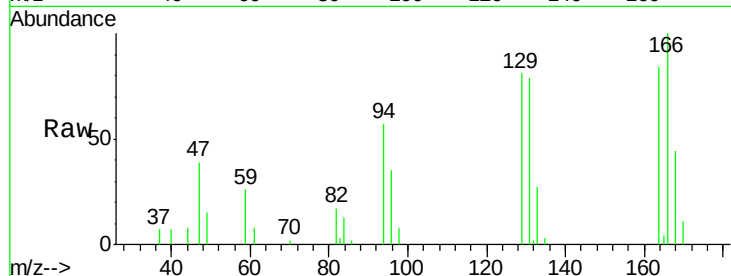




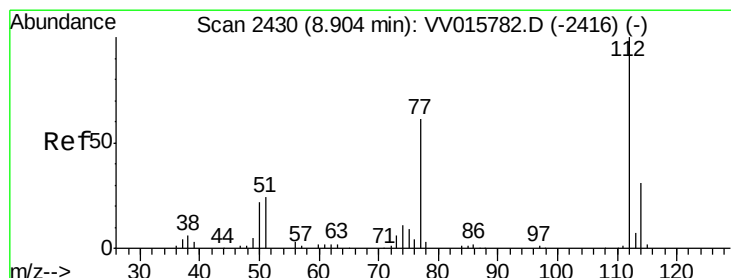
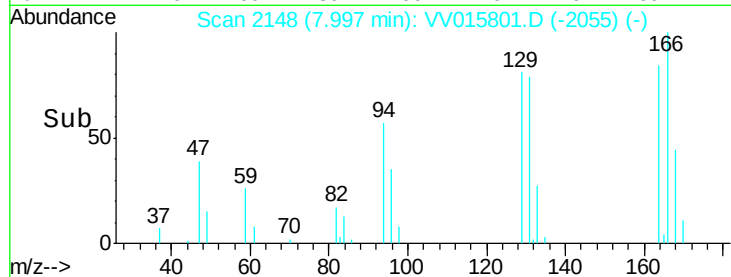
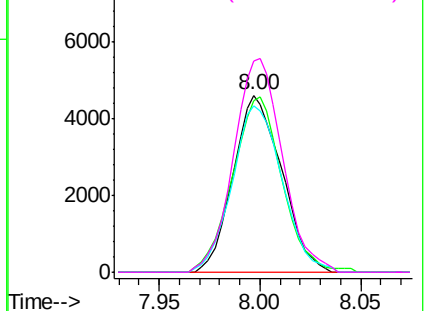
#47
Tetrachloroethene
Concen: 1.130 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015801.D
Acq: 29 Apr 2020 18:36

Instrument :
MSVOA_V
ClientSampleId :
DBFF6MSD

Tot Ion:164 Resp: 7771
Ion Ratio Lower Upper
164 100
129 97.1 66.7 123.9
131 94.0 66.6 123.6
166 119.7 85.3 158.5

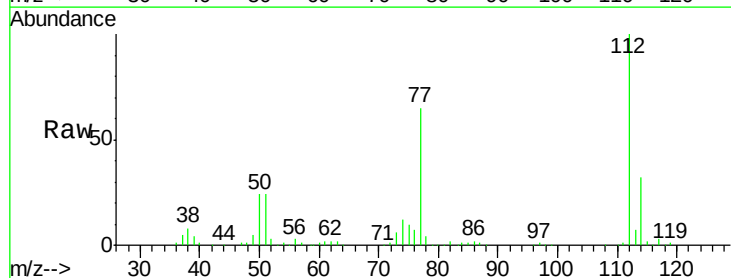


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 6.169 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015801.D
Acq: 29 Apr 2020 18:36

Tgt Ion:112 Resp: 149348
Ion Ratio Lower Upper
112 100
114 32.0 21.6 40.2
77 64.5 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): V

