

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015510.D
 Acq On : 15 Apr 2020 15:36
 Operator : SY/MD
 Sample : L2273-22MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ79MS

Quant Time: Apr 16 01:41:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	108587	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	99868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30670	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.58	69	27453	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.12	63	62350	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	3.92	46	80365	50.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.60%
24) Chloroform-d	4.38	84	60997	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	33092	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	118700	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.09	67	37460	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.34	98	108394	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.65	79	14806	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.11	63	61957	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25311	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	39134	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

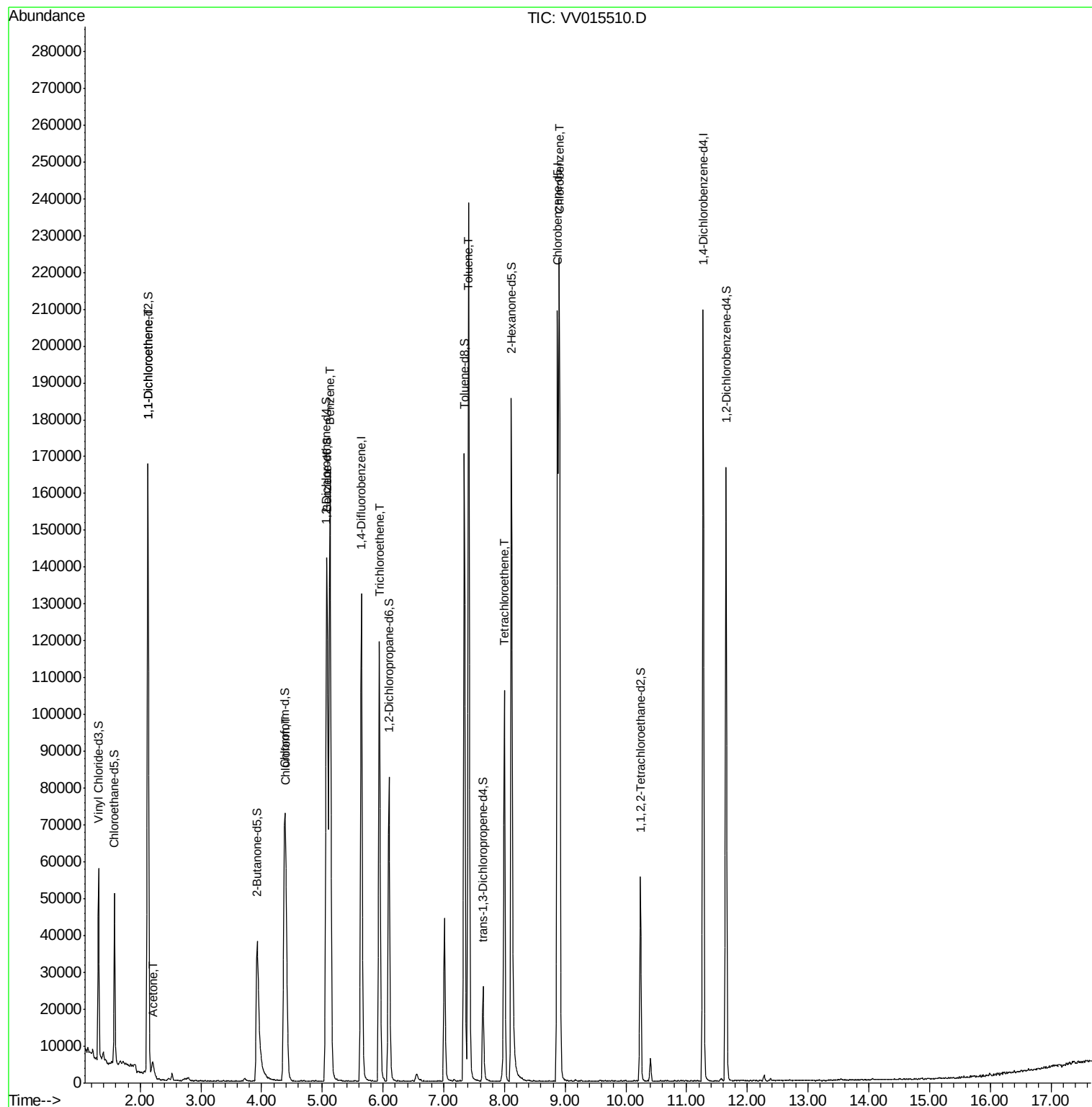
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	32846	4.819	ug/L	92
13) Acetone	2.20	43	8396	7.512	ug/L #	51
25) Chloroform	4.40	83	36124	2.438	ug/L	96
33) Benzene	5.13	78	159027	5.320	ug/L	100
34) Trichloroethene	5.94	95	41542	5.164	ug/L	99
42) Toluene	7.41	91	167130	5.150	ug/L	99
47) Tetrachloroethene	8.00	164	22409	3.759	ug/L	97
51) Chlorobenzene	8.90	112	107729	5.208	ug/L	98

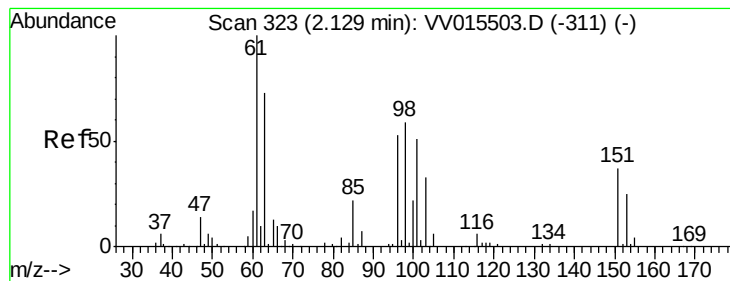
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 00:42:12 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.819 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015510.D

Acq: 15 Apr 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

YQA79MS

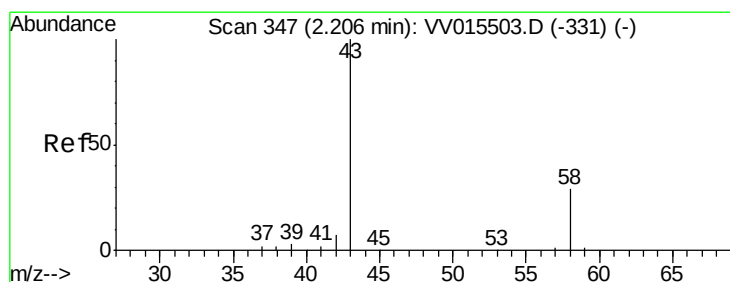
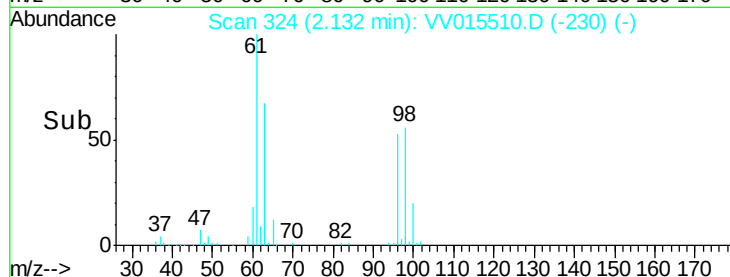
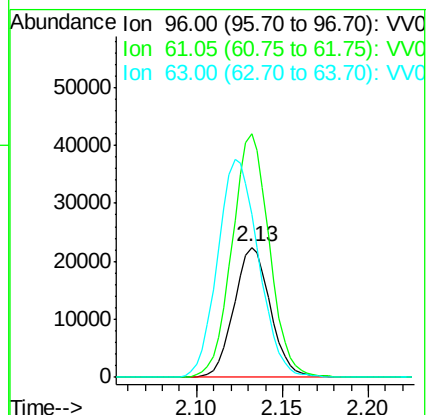
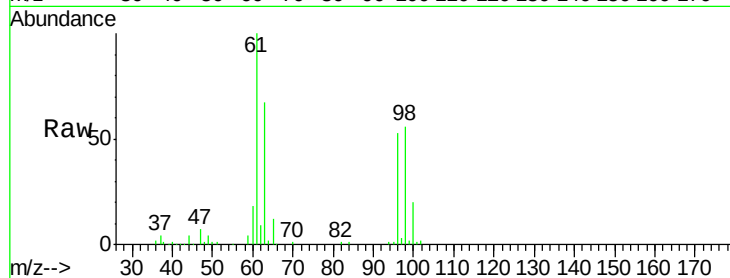
Tot Ion: 96 Resp: 32846

Ion Ratio Lower Upper

96 100

61 187.0 127.7 237.1

63 125.5 75.1 139.5



#13

Acetone

Concen: 7.512 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV015510.D

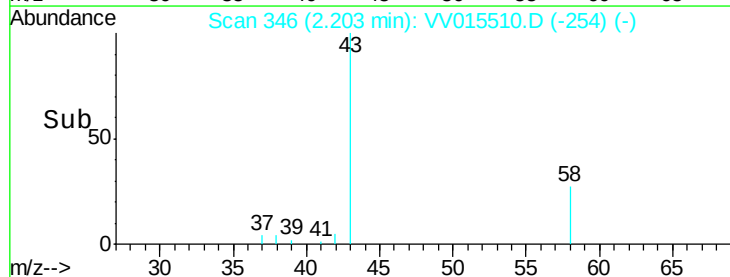
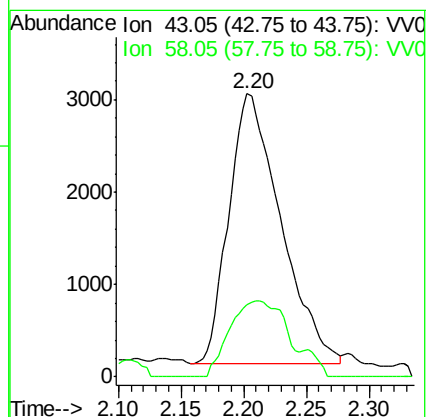
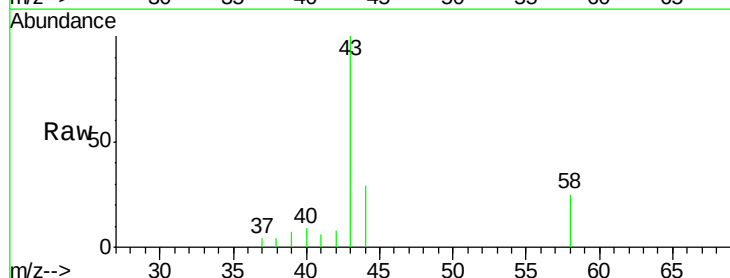
Acq: 15 Apr 2020 15:36

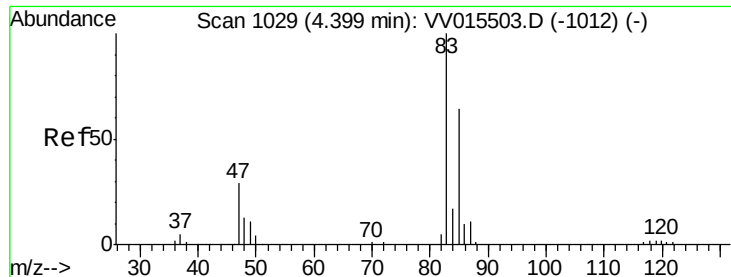
Tgt Ion: 43 Resp: 8396

Ion Ratio Lower Upper

43 100

58 29.9 0.0 22.2#

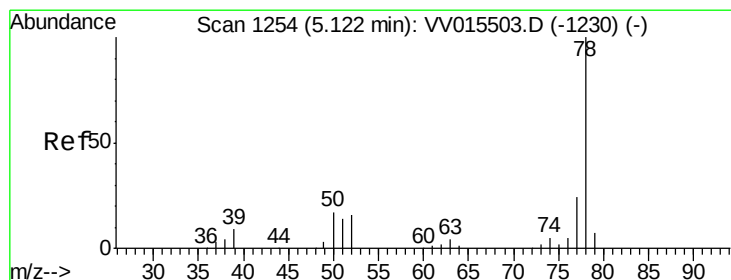
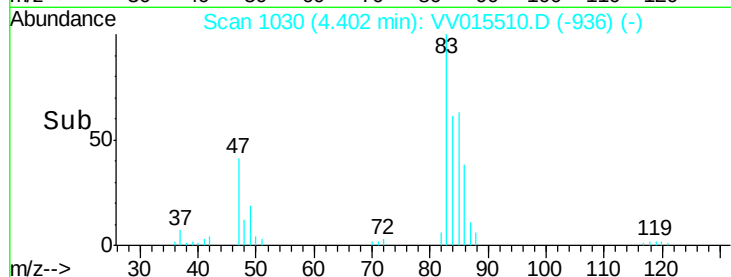
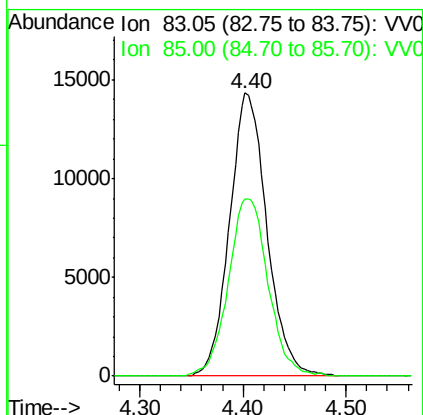
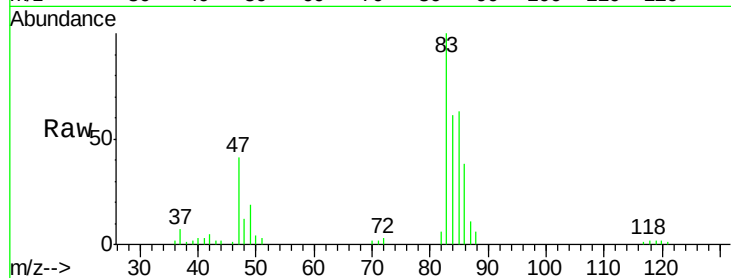




#25
Chloroform
Concen: 2.438 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015510.D
Acq: 15 Apr 2020 15:36

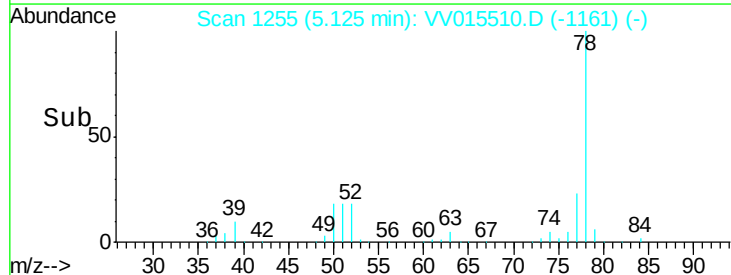
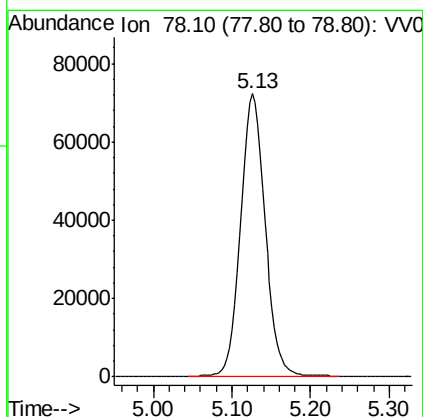
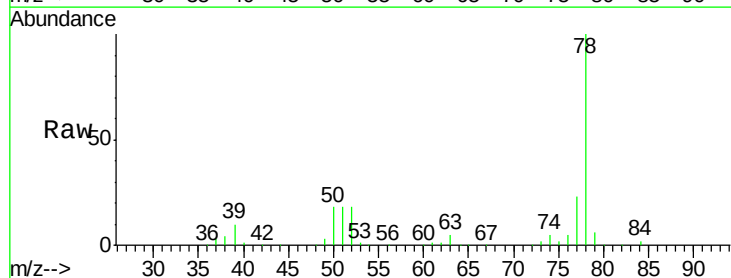
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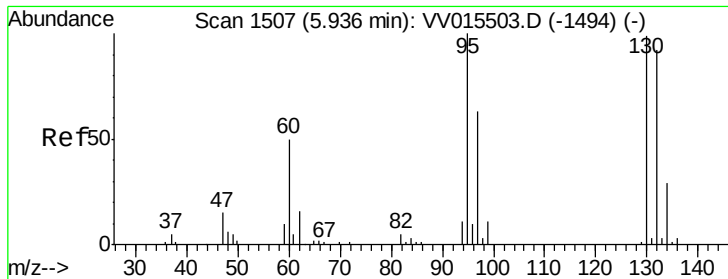
Tot Ion: 83 Resp: 36124
Ion Ratio Lower Upper
83 100
85 62.6 45.9 85.3



#33
Benzene
Concen: 5.320 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015510.D
Acq: 15 Apr 2020 15:36

Tgt Ion: 78 Resp: 159027

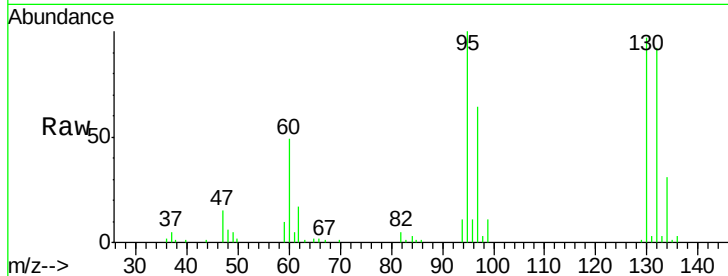




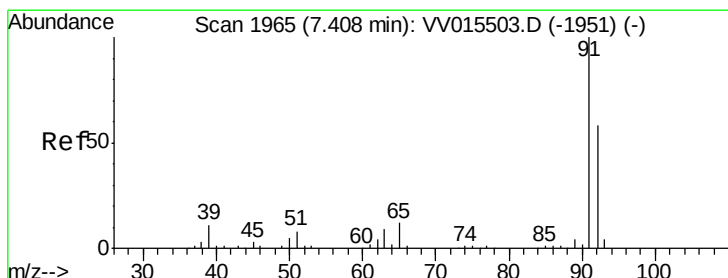
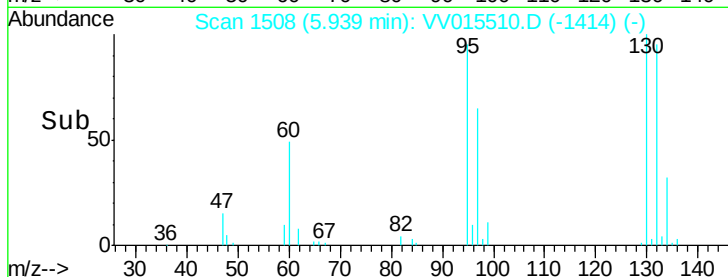
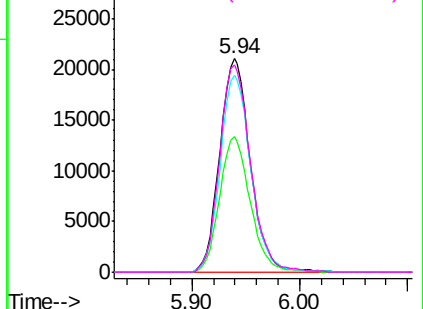
#34
 Trichloroethene
 Concen: 5.164 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015510.D
 Acq: 15 Apr 2020 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ79MS

Tot Ion: 95 Resp: 41542
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.4 84.4
 132 92.5 64.8 120.4
 130 97.4 67.4 125.2

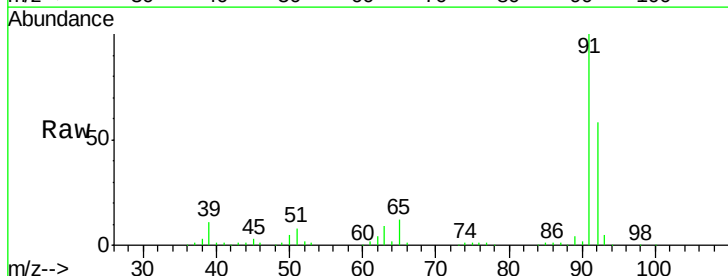


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

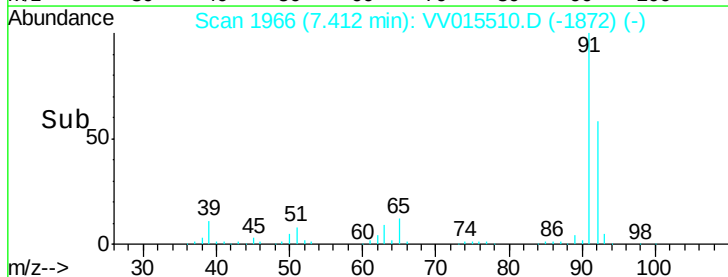
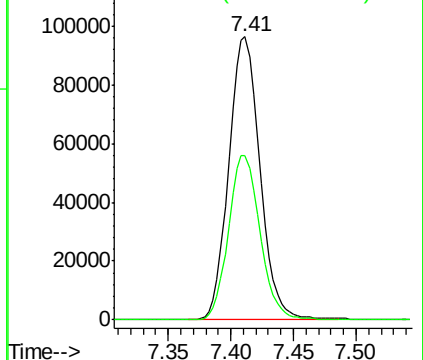


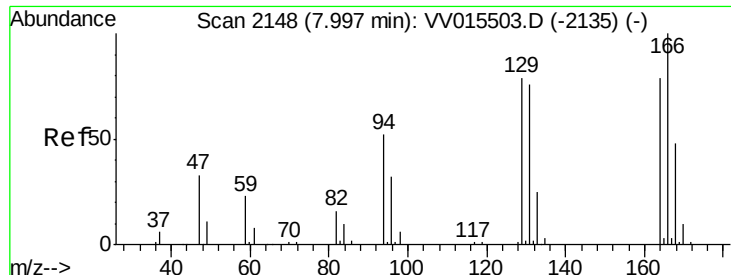
#42
 Toluene
 Concen: 5.150 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV015510.D
 Acq: 15 Apr 2020 15:36

Tgt Ion: 91 Resp: 167130
 Ion Ratio Lower Upper
 91 100
 92 57.9 40.2 74.6



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

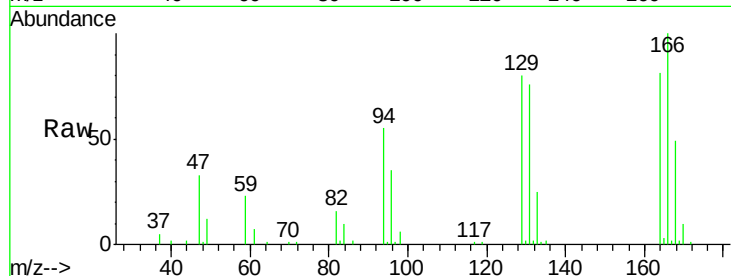




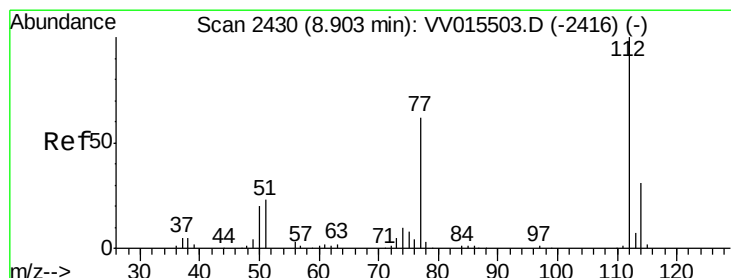
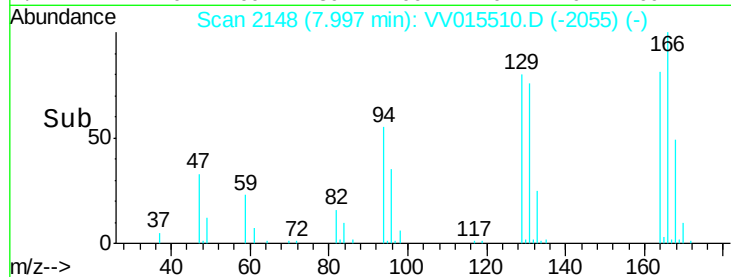
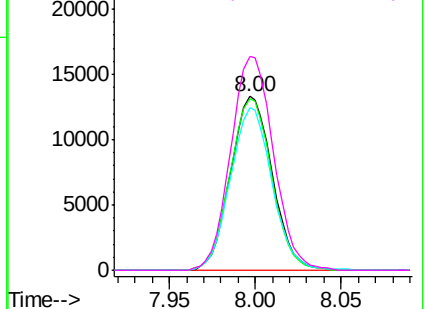
#47
Tetrachloroethene
Concen: 3.759 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015510.D
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Tot Ion:164 Resp: 22409
Ion Ratio Lower Upper
164 100
129 98.6 70.6 131.0
131 93.4 68.3 126.8
166 123.0 88.3 163.9

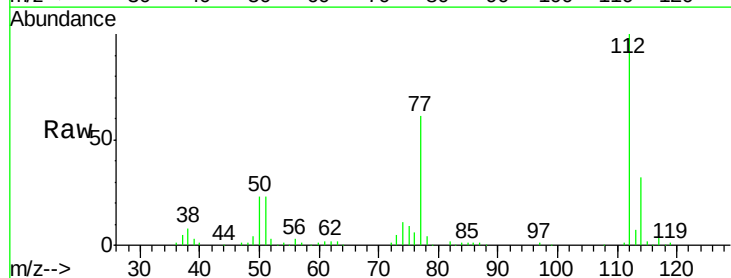


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.208 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015510.D
Acq: 15 Apr 2020 15:36

Tgt Ion:112 Resp: 107729
Ion Ratio Lower Upper
112 100
114 32.1 22.9 42.5
77 60.8 49.8 74.8



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

