

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015522.D
 Acq On : 15 Apr 2020 20:38
 Operator : SY/MD
 Sample : L2274-23MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB5MSD

Quant Time: Apr 16 03:06:12 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	108003	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50424	5.00	ug/L	0.00

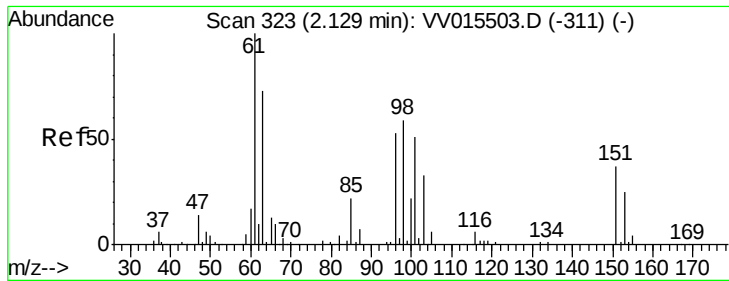
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28952	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	26322	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	60428	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	3.92	46	76460	48.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	4.38	84	57530	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	32408	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.08	84	115459	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.10	67	36341	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	106879	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.64	79	13727	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	59737	40.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23129	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	38956	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	33445	4.933 ug/L	94
13) Acetone	2.20	43	7929	7.133 ug/L #	65
33) Benzene	5.13	78	157612	5.211 ug/L	100
34) Trichloroethene	5.94	95	41926	5.150 ug/L	99
42) Toluene	7.41	91	167319	5.096 ug/L	99
47) Tetrachloroethene	8.00	164	10185	1.689 ug/L	98
51) Chlorobenzene	8.90	112	107407	5.132 ug/L	99

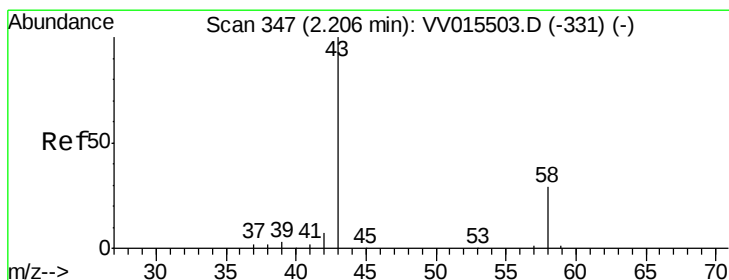
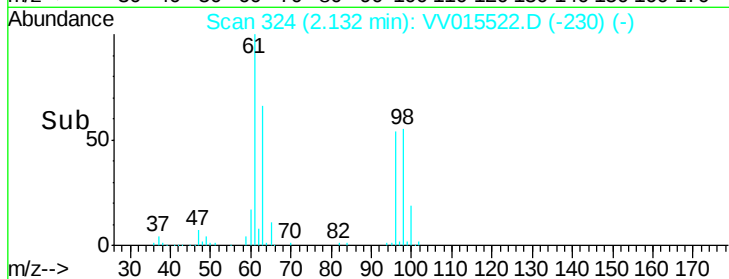
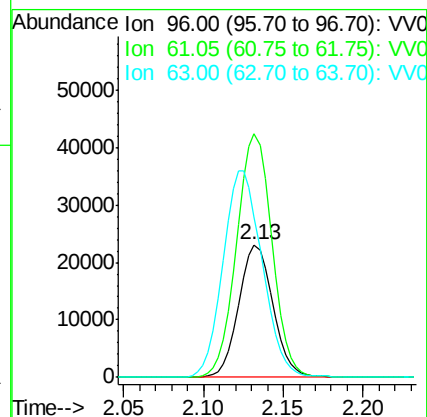
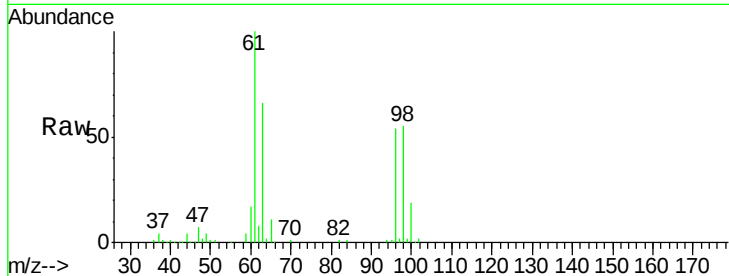
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 4.933 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV015522.D
 Acq: 15 Apr 2020 20:38

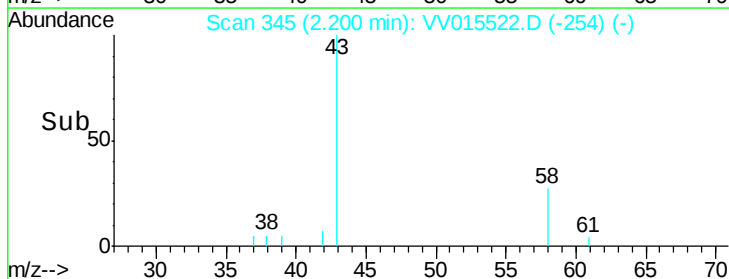
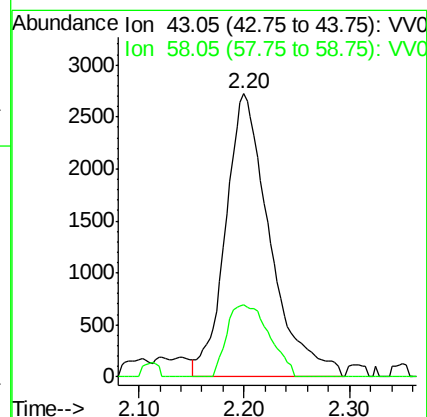
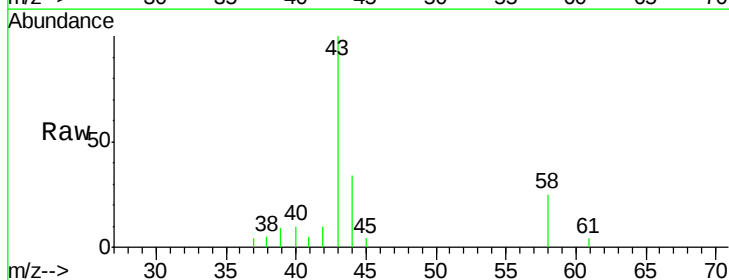
Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB5MSD

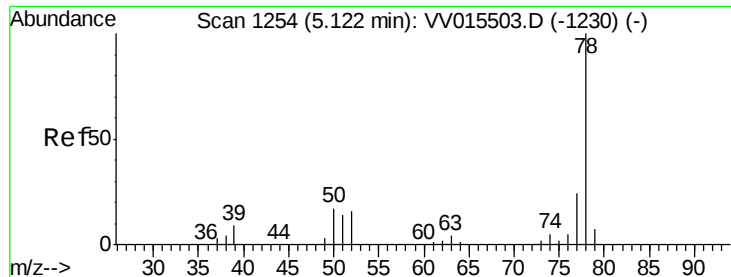
Tot Ion: 96 Resp: 33445
 Ion Ratio Lower Upper
 96 100
 61 184.0 127.7 237.1
 63 121.2 75.1 139.5



#13
 Acetone
 Concen: 7.133 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.01 min
 Lab File: VV015522.D
 Acq: 15 Apr 2020 20:38

Tgt Ion: 43 Resp: 7929
 Ion Ratio Lower Upper
 43 100
 58 24.3 0.0 22.2#





#33

Benzene

Concen: 5.211 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015522.D

Acq: 15 Apr 2020 20:38

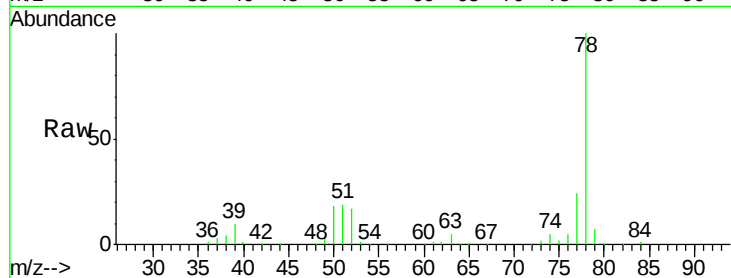
Instrument :

MSVOA_V

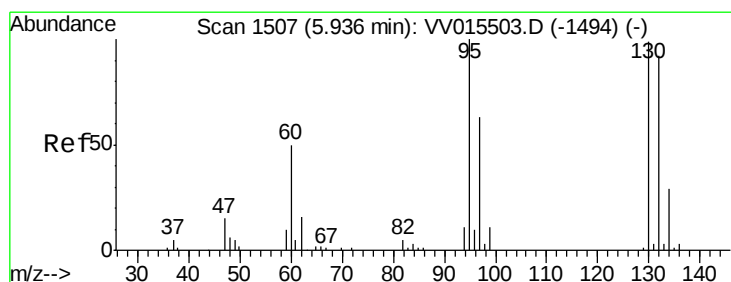
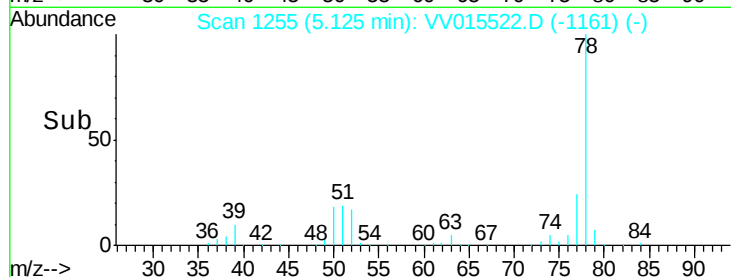
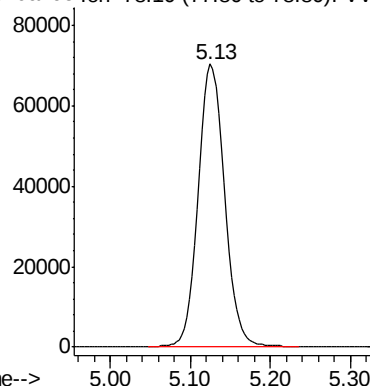
ClientSampleId :

YAOB5MSD

Tgt Ion: 78 Resp: 157612



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.150 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015522.D

Acq: 15 Apr 2020 20:38

Tgt Ion: 95 Resp: 41926

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.4	84.4
132	92.4	64.8	120.4
130	95.4	67.4	125.2

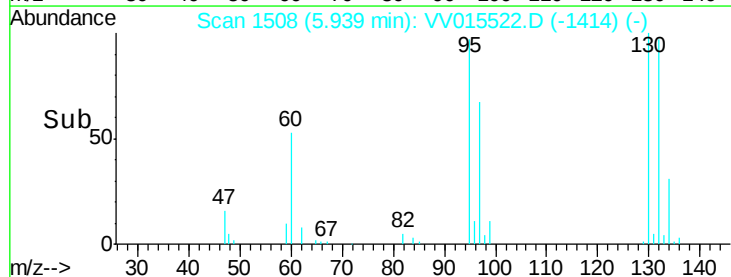
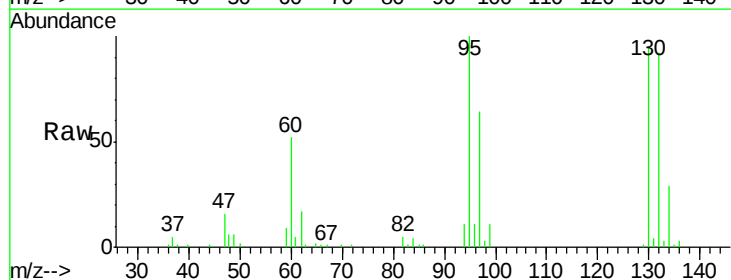
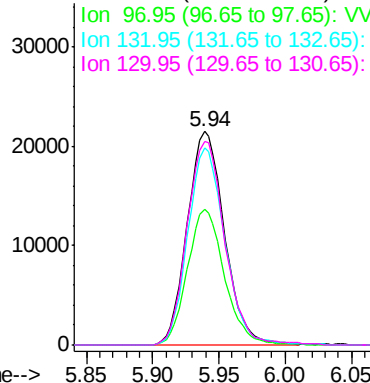
Ion 95.00 (94.70 to 95.70): VV0

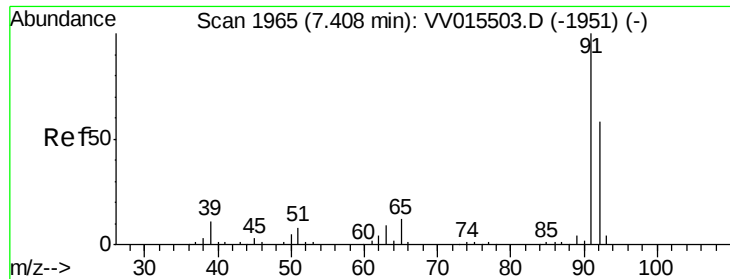
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 5.096 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015522.D

Acq: 15 Apr 2020 20:38

Instrument :

MSVOA_V

ClientSampleId :

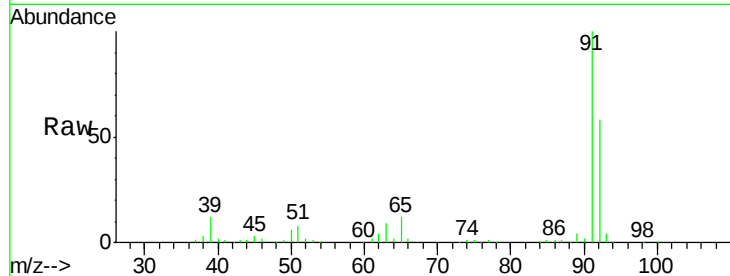
YaqB5MSD

Tot Ion: 91 Resp: 167319

Ion Ratio Lower Upper

91 100

92 58.1 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV015503.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015503.D (-1951) (-)

7.41

100000

80000

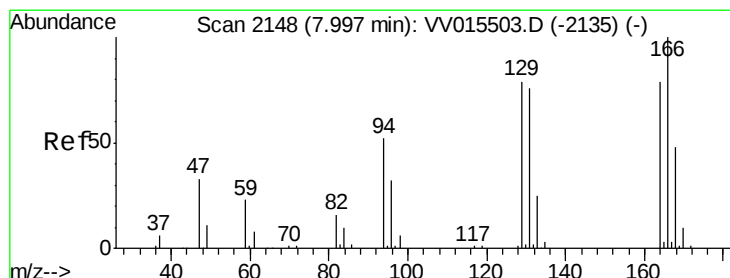
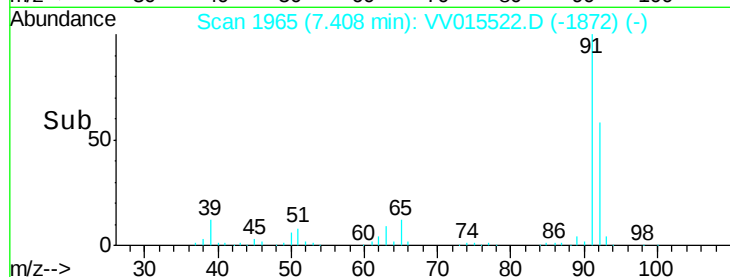
60000

40000

20000

0

Time-->



#47

Tetrachloroethene

Concen: 1.689 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015522.D

Acq: 15 Apr 2020 20:38

Tgt Ion: 164 Resp: 10185

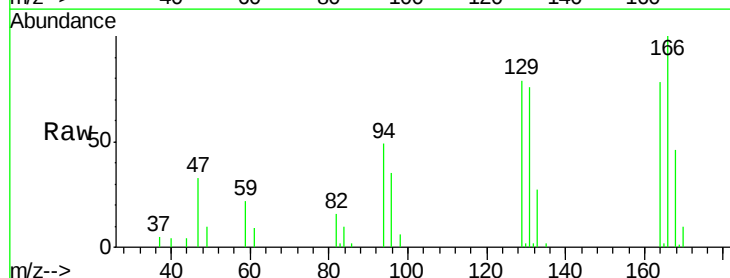
Ion Ratio Lower Upper

164 100

129 102.0 70.6 131.0

131 98.1 68.3 126.8

166 128.9 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015503.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV015503.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV015503.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV015503.D (-2135) (-)

12000

10000

8000

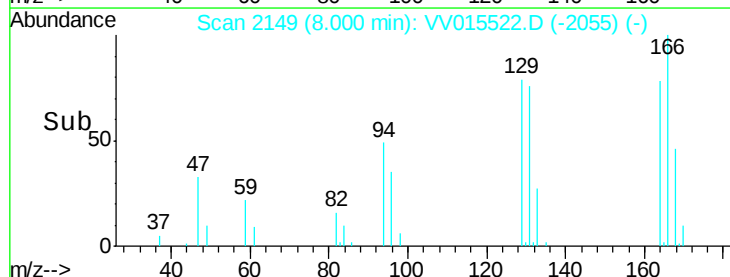
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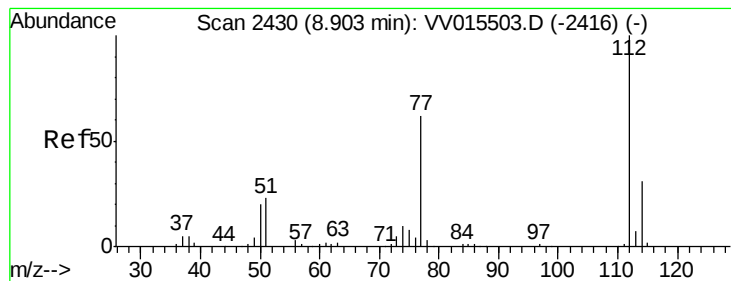
4000

2000

0

Time-->





#51

Chlorobenzene

Concen: 5.132 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015522.D

Acq: 15 Apr 2020 20:38

Instrument :

MSVOA_V

ClientSampleId :

YaqB5MSD

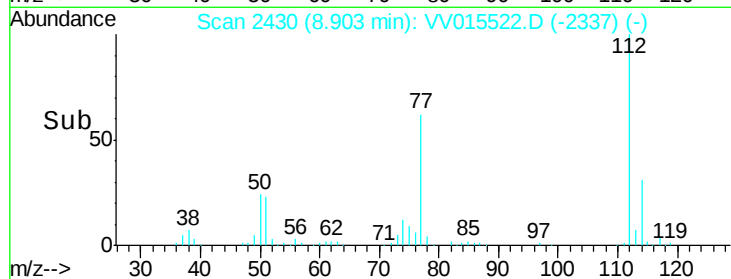
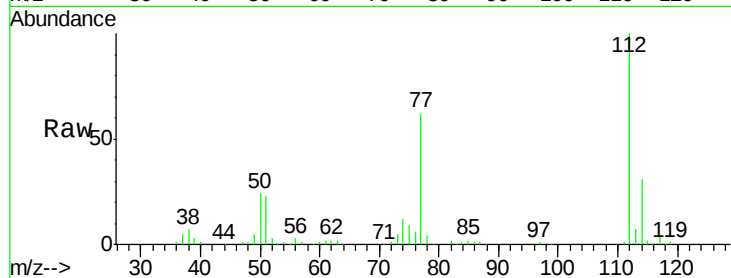
Tot Ion:112 Resp: 107407

Ion Ratio Lower Upper

112 100

114 31.4 22.9 42.5

77 61.5 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): VV0

