

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121419\
 Data File : VV014059.D
 Acq On : 13 Dec 2019 18:14
 Operator : SY/MD
 Sample : K4649-01ME
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5167ME

Quant Time: Dec 14 05:46:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 05:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	312872	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	291493	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	133662	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93985	54.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.90%
7) Chloroethane-d5	1.55	69	87007	71.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	143.34%#
11) 1,1-Dichloroethene-d2	2.12	63	186653	62.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	125.90%#
21) 2-Butanone-d5	3.92	46	148514	119.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.18%
24) Chloroform-d	4.39	84	207788	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.07	65	135361	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
32) Benzene-d6	5.09	84	419996	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
36) 1,2-Dichloropropane-d6	6.11	67	135744	55.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.72%
41) Toluene-d8	7.35	98	350804	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.66	79	55568	40.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.44%
47) 2-Hexanone-d5	8.13	63	88497	87.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.70%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	168623	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
66) 1,2-Dichlorobenzene-d4	11.67	152	159025	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

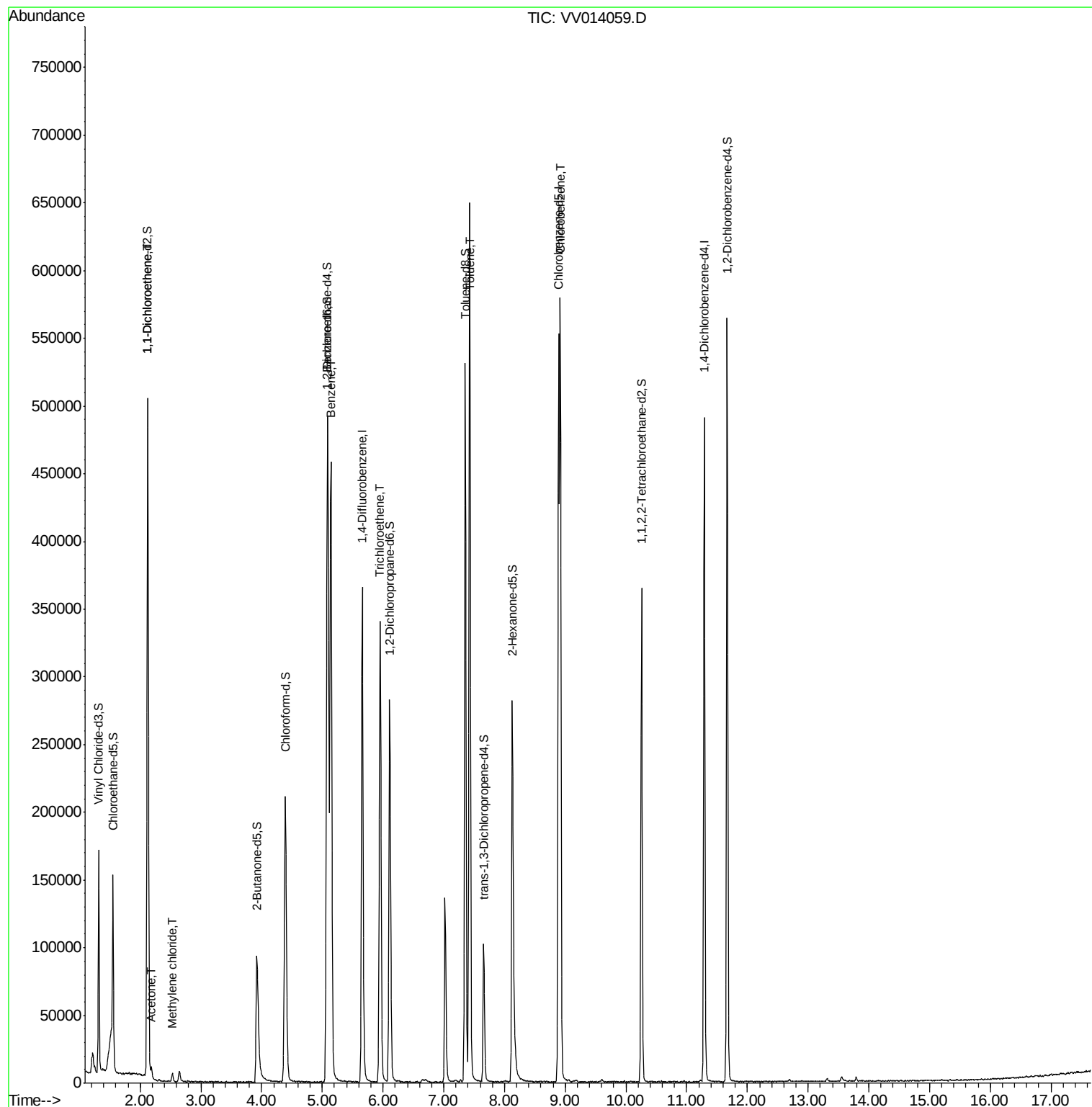
					Ovalue
12) 1,1-Dichloroethene	2.13	96	100089	88.050 ug/L	93
13) Acetone	2.19	43	5096	5.998 ug/L	95
16) Methylene chloride	2.53	84	2345	1.360 ug/L #	79
33) Benzene	5.14	78	454120	67.678 ug/L	100
34) Trichloroethene	5.96	95	109844	58.897 ug/L	97
42) Toluene	7.43	91	462213	61.993 ug/L	98
51) Chlorobenzene	8.92	112	306496	60.972 ug/L	100

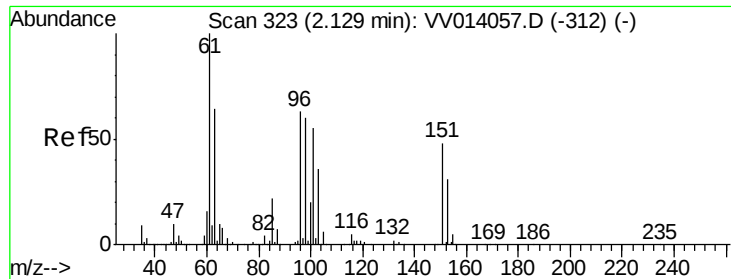
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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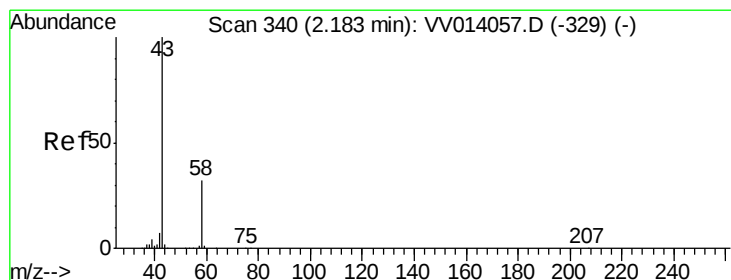
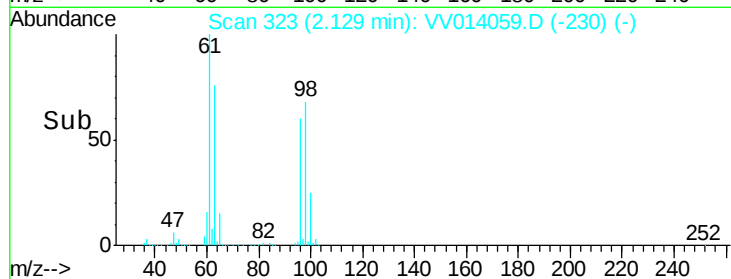
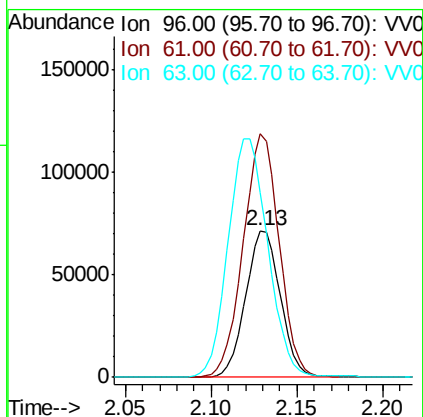
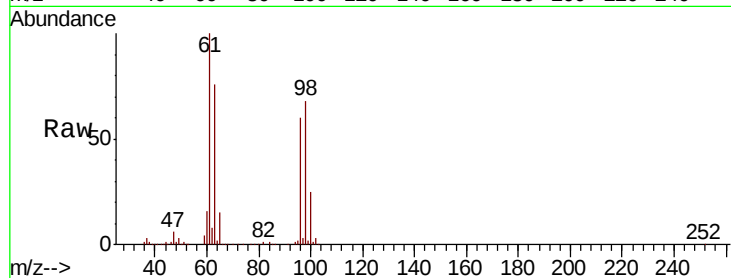




#12
 1,1-Dichloroethene
 Concen: 88.050 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV014059.D
 Acq: 13 Dec 2019 18:14

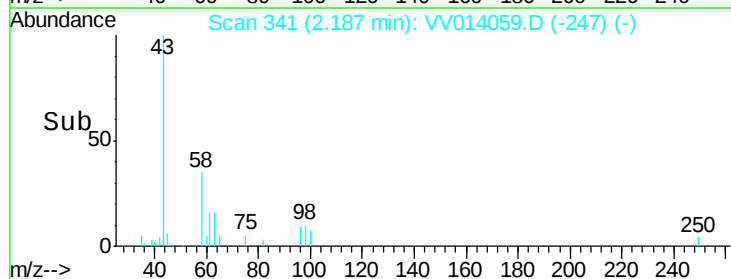
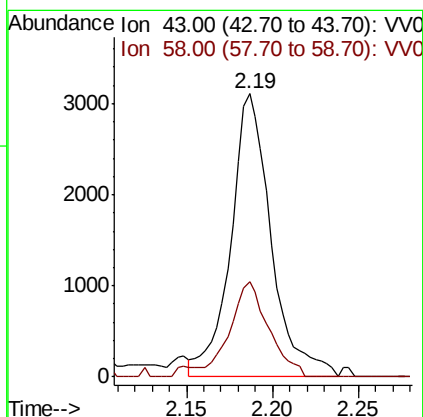
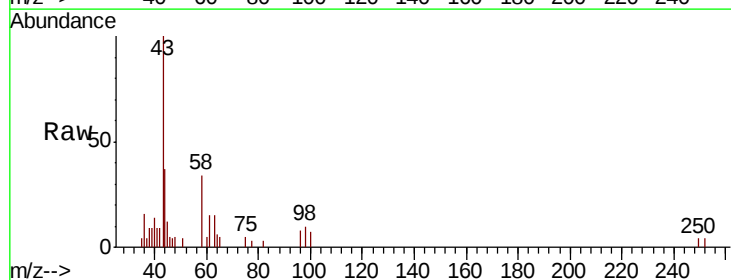
Instrument :
 MSVOA_V
 ClientSampleId :
 A5167ME

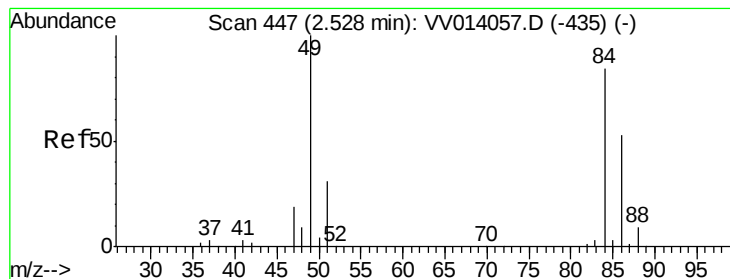
Tot Ion: 96 Resp: 100089
 Ion Ratio Lower Upper
 96 100
 61 166.2 120.0 223.0
 63 126.2 98.3 182.7



#13
 Acetone
 Concen: 5.998 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VV014059.D
 Acq: 13 Dec 2019 18:14

Tgt Ion: 43 Resp: 5096
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 59.2





#16

Methvlene chloride

Concen: 1.360 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV014059.D

Acq: 13 Dec 2019 18:14

Instrument :

MSVOA_V

ClientSampleId :

A5167ME

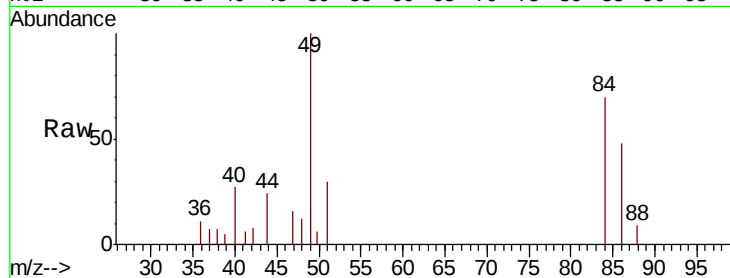
Tot Ion: 84 Resp: 2345

Ion Ratio Lower Upper

84 100

86 68.6 45.7 84.9

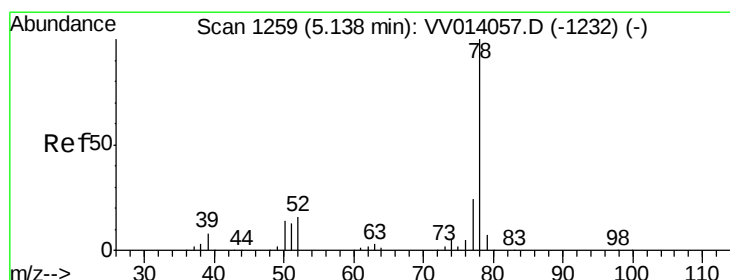
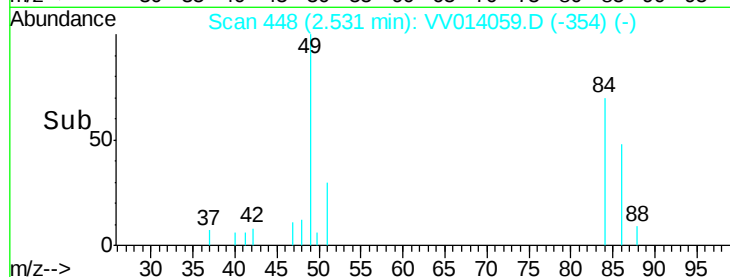
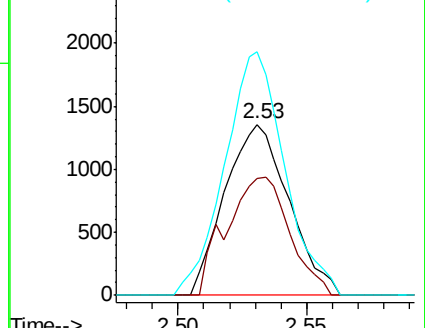
49 142.3 76.6 142.2#



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#33

Benzene

Concen: 67.678 ug/L

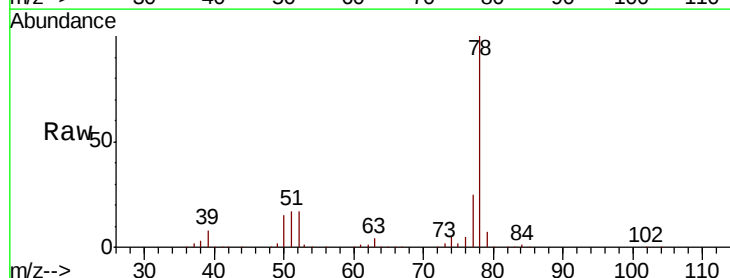
RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

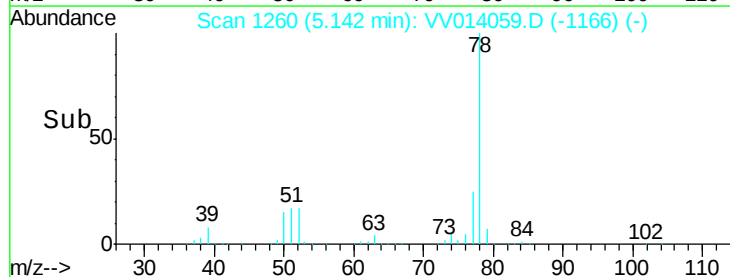
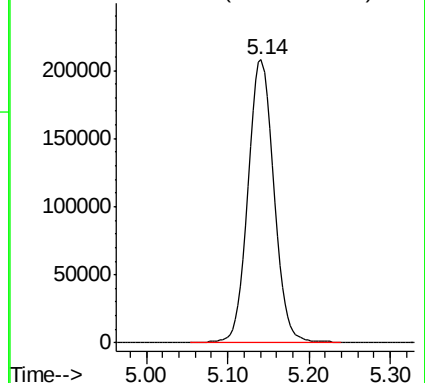
Lab File: VV014059.D

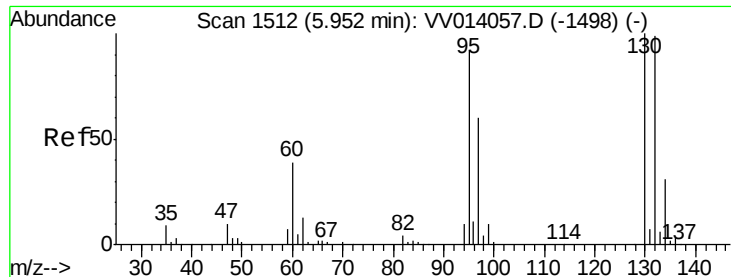
Acq: 13 Dec 2019 18:14

Tgt Ion: 78 Resp: 454120



Abundance Ion 78.00 (77.70 to 78.70): VV0

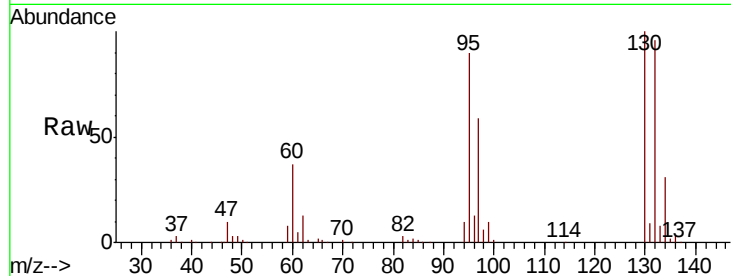




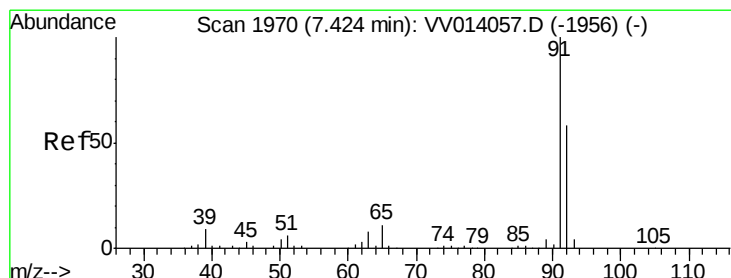
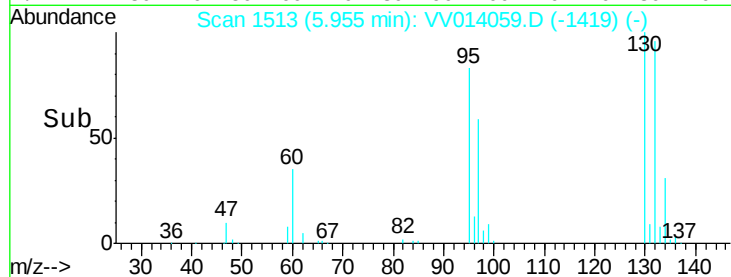
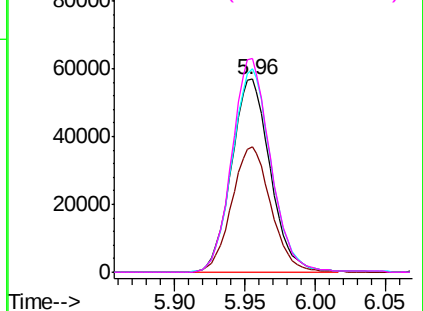
#34
 Trichloroethene
 Concen: 58.897 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV014059.D
 Acq: 13 Dec 2019 18:14

Instrument :
 MSVOA_V
 ClientSampleId :
 A5167ME

Tot Ion: 95 Resp: 109844
 Ion Ratio Lower Upper
 95 100
 97 65.0 43.4 80.6
 132 105.8 73.1 135.8
 130 110.8 75.3 139.8

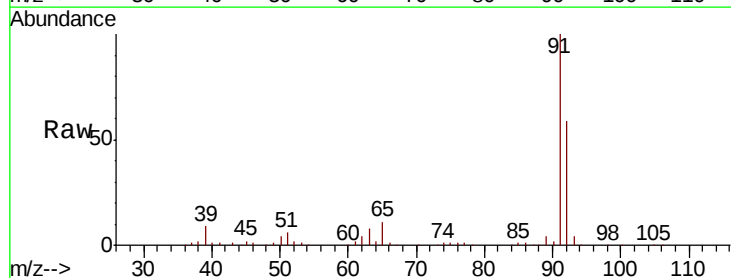


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

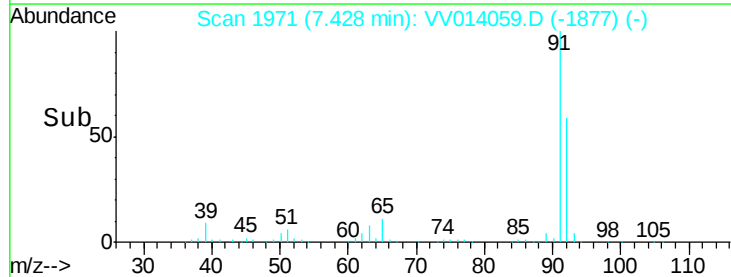
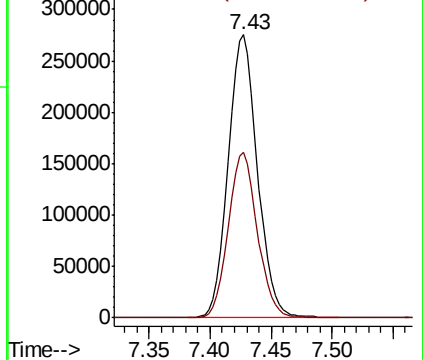


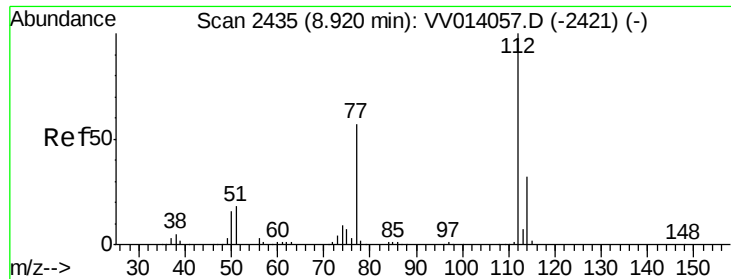
#42
 Toluene
 Concen: 61.993 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV014059.D
 Acq: 13 Dec 2019 18:14

Tgt Ion: 91 Resp: 462213
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#51

Chlorobenzene

Concen: 60.972 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VV014059.D

Acq: 13 Dec 2019 18:14

Instrument :

MSVOA_V

ClientSampleId :

A5167ME

Tot Ion:112 Resp: 306496

Ion Ratio Lower Upper

112 100

114 32.2 22.8 42.4

77 56.0 44.7 67.1

