

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011069.D
 Acq On : 28 May 2019 17:59
 Operator : SY/MD
 Sample : K3016-12MSD
 Misc : 4.77G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C9MSD

Quant Time: May 29 13:09:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	459051	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	151726	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
7) Chloroethane-d5	1.56	69	110536	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	2.12	63	291603	24.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.64%
20) 2-Butanone-d5	3.94	46	112410	51.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.64%
24) Chloroform-d	4.40	84	270484	24.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	169161	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	5.09	84	611896	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	6.12	67	194143	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	7.36	98	549744	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.04%
38) trans-1,3-Dichloropropene-	7.66	79	85506	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	8.13	63	94161	58.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	148806	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	119817	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

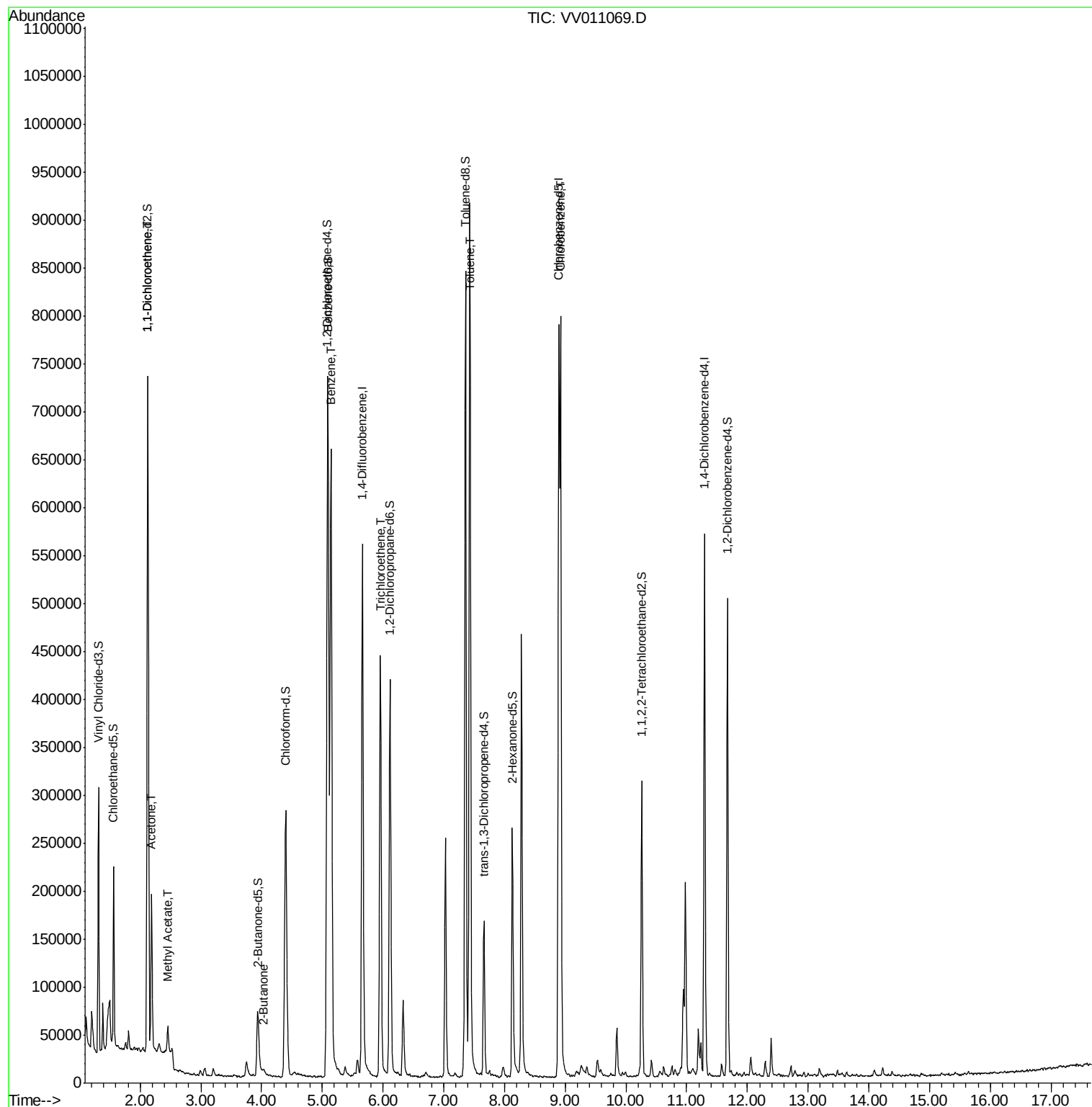
					Ovalue
12) 1,1-Dichloroethene	2.13	96	113541	24.636 ug/L	94
13) Acetone	2.19	43	152575	62.089 ug/L	99
15) Methyl Acetate	2.46	43	27628	7.789 ug/L #	100
21) 2-Butanone	4.03	43	10120	3.344 ug/L	98
34) Benzene	5.14	78	623932	26.097 ug/L	100
35) Trichloroethene	5.96	95	153602	24.599 ug/L	98
44) Toluene	7.43	91	660167	25.396 ug/L	97
52) Chlorobenzene	8.92	112	373454	23.182 ug/L	100

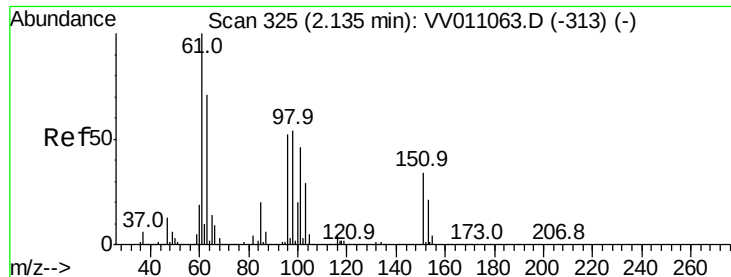
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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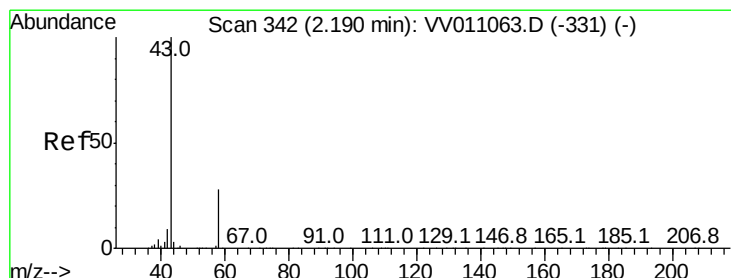
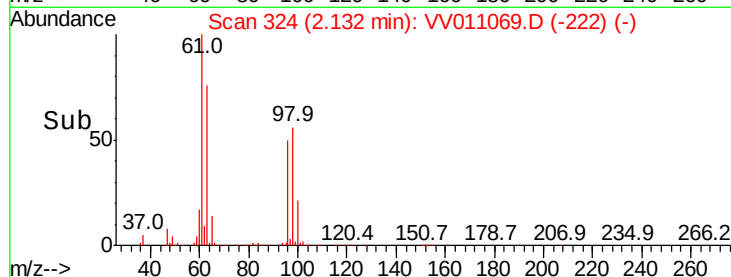
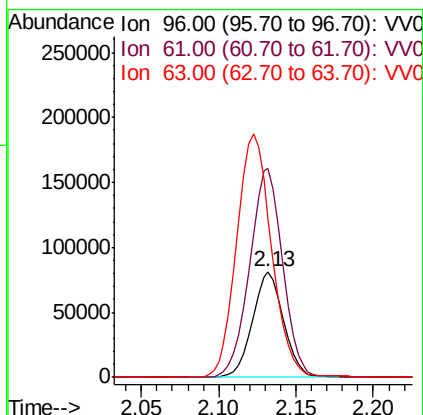
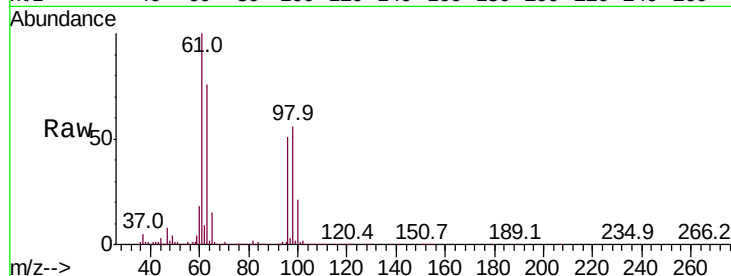




#12
 1,1-Dichloroethene
 Concen: 24.636 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV011069.D
 Acq: 28 May 2019 17:59

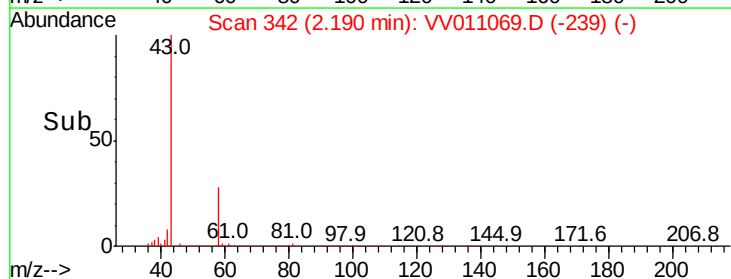
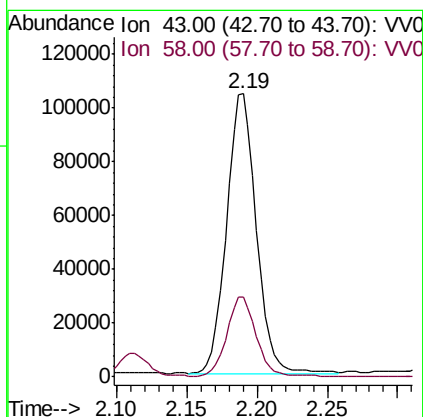
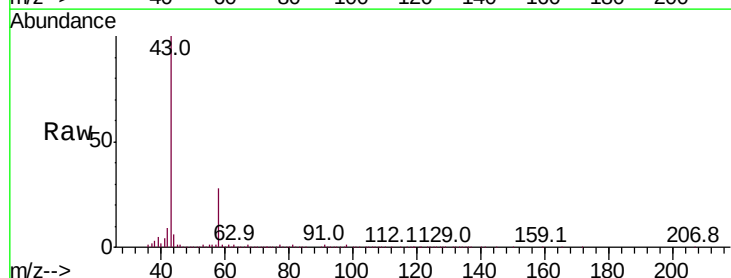
Instrument :
 MSVOA_V
 ClientSampleId :
 A51C9MSD

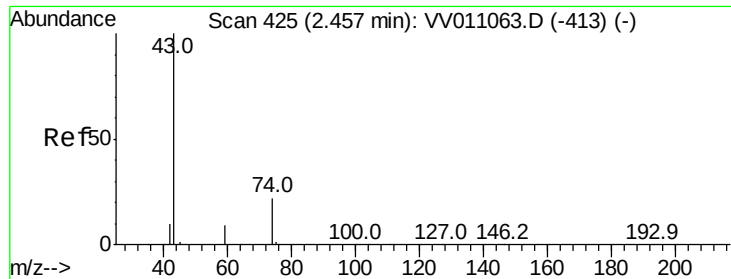
Tot Ion	Ratio	Lower	Upper
96	100		
61	197.9	134.1	249.1
63	150.0	98.1	182.3



#13
 Acetone
 Concen: 62.089 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV011069.D
 Acq: 28 May 2019 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	54.8

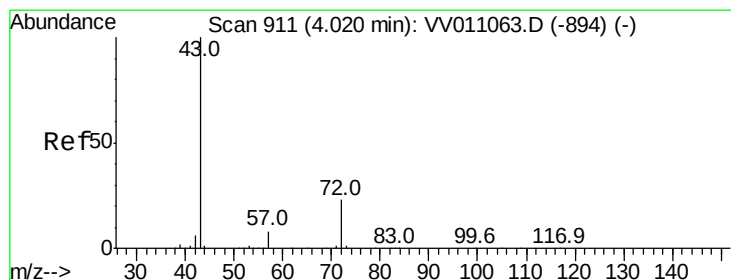
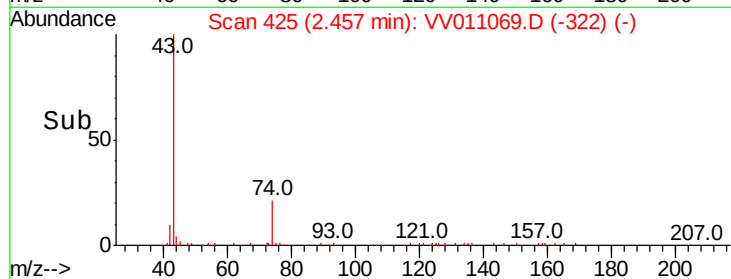
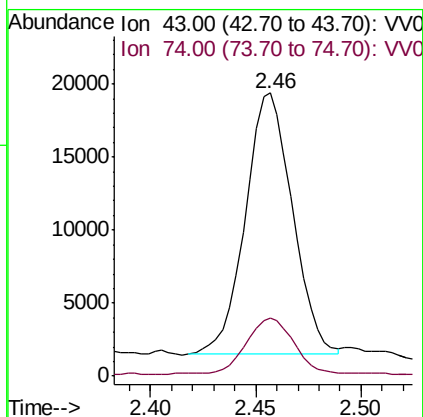
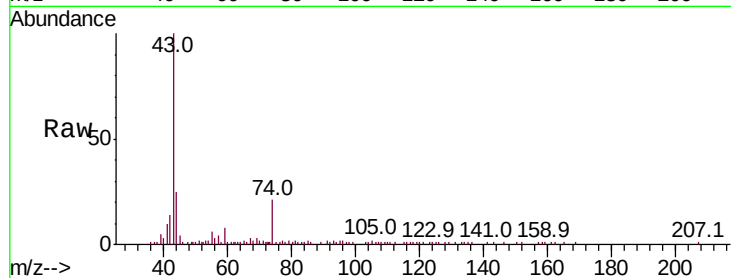




#15
Methvl Acetate
Concen: 7.789 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

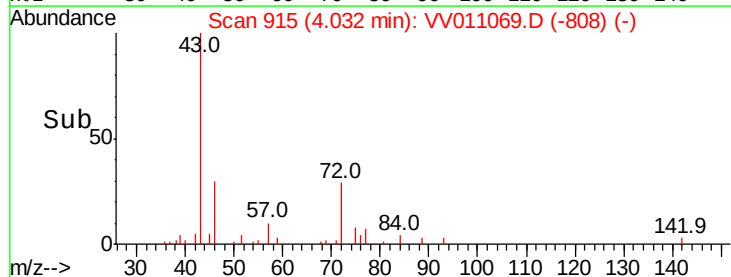
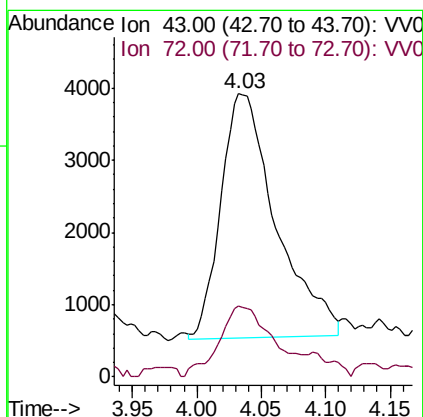
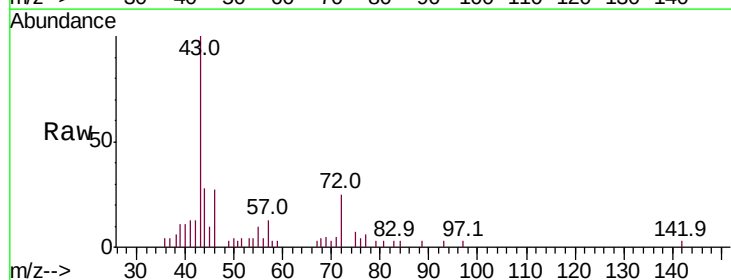
Instrument :
MSVOA_V
ClientSampleId :
A51C9MSD

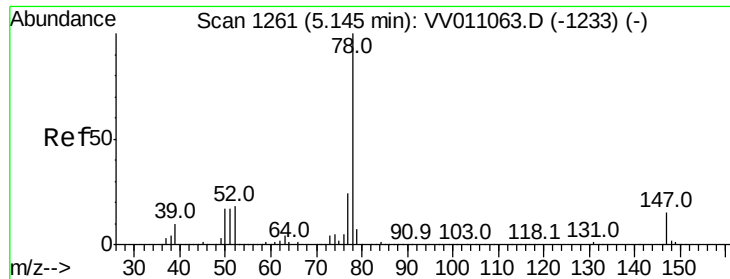
Tot Ion: 43 Resp: 27628
Ion Ratio Lower Upper
43 100
74 22.2 0.0 0.0#



#21
2-Butanone
Concen: 3.344 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011069.D
Acq: 28 May 2019 17:59

Tgt Ion: 43 Resp: 10120
Ion Ratio Lower Upper
43 100
72 22.1 10.7 31.9





#34

Benzene

Concen: 26.097 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV011069.D

Acq: 28 May 2019 17:59

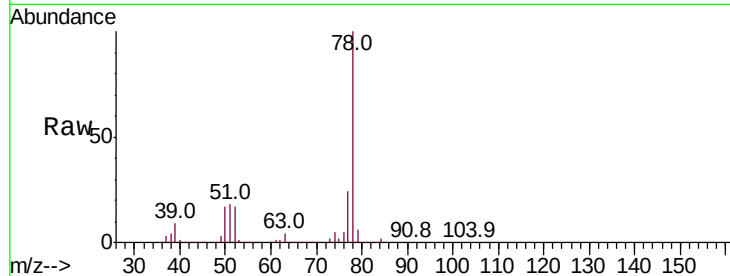
Instrument :

MSVOA_V

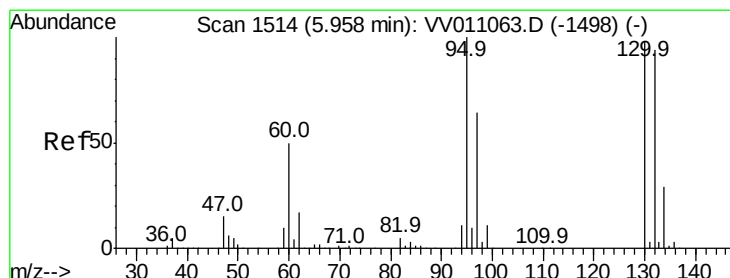
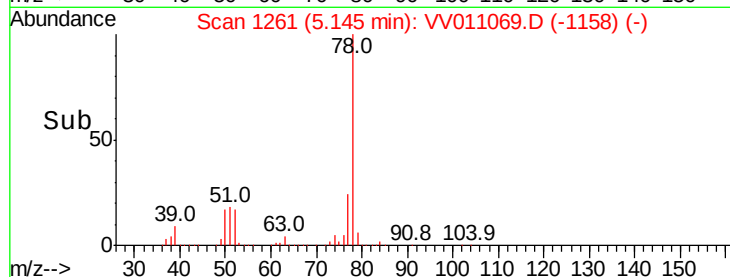
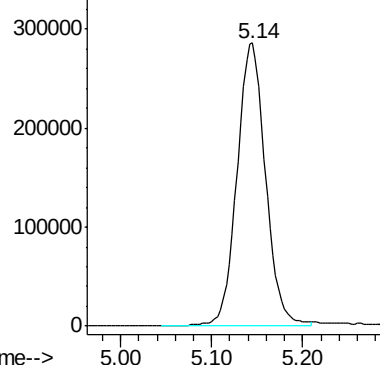
ClientSampleId :

A51C9MSD

Tgt Ion: 78 Resp: 623932



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 24.599 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011069.D

Acq: 28 May 2019 17:59

Tgt Ion: 95 Resp: 153602

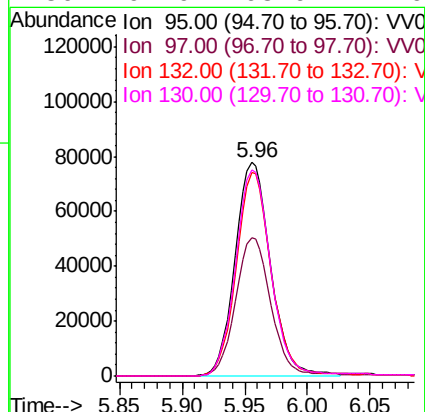
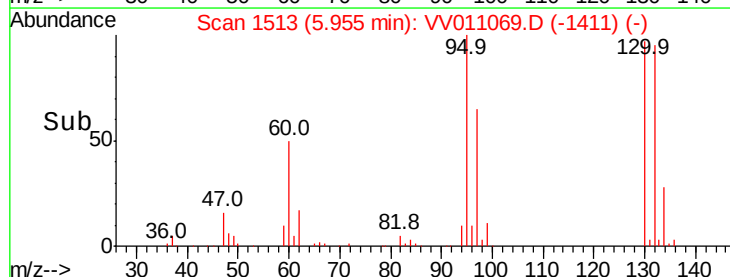
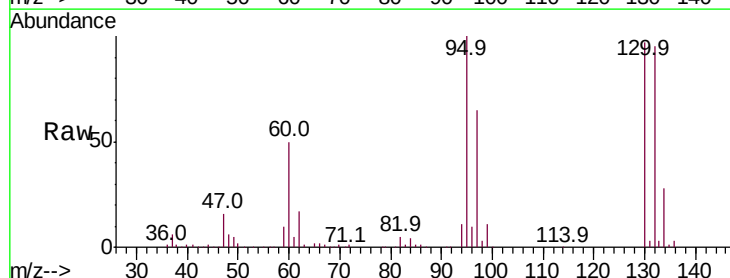
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.4
132	92.9	66.1	122.8
130	94.9	68.9	127.9

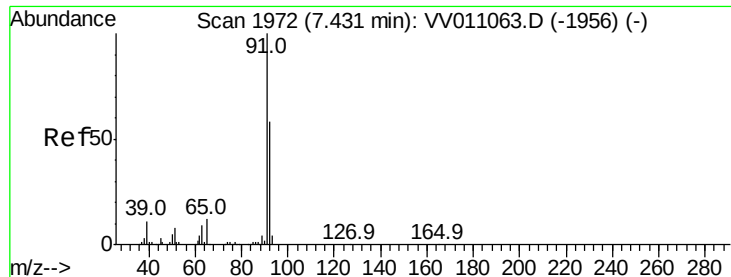
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 25.396 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011069.D

Acq: 28 May 2019 17:59

Instrument :

MSVOA_V

ClientSampleId :

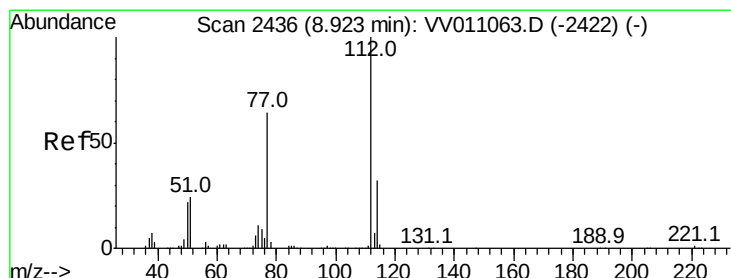
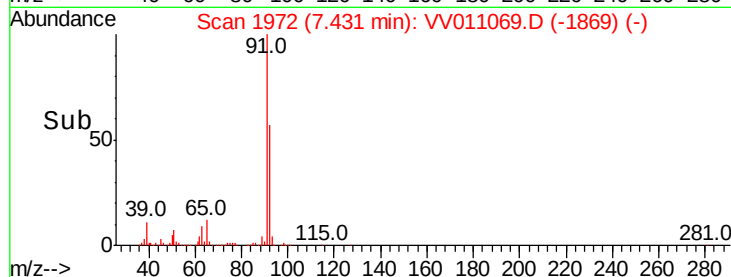
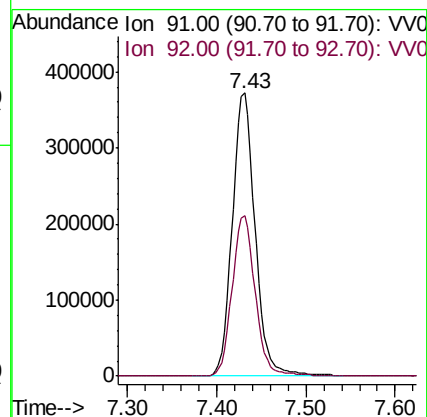
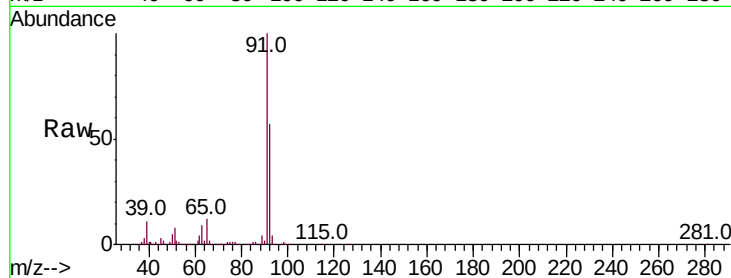
A51C9MSD

Tot Ion: 91 Resp: 660167

Ion Ratio Lower Upper

91 100

92 56.6 41.0 76.2



#52

Chlorobenzene

Concen: 23.182 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011069.D

Acq: 28 May 2019 17:59

Tgt Ion: 112 Resp: 373454

Ion Ratio Lower Upper

112 100

77 63.8 50.8 76.2

114 32.7 22.7 42.1

