

Data File : VV016569.D
Acq On : 06 Jun 2020 05:15
Operator : SY/MD
Sample : L2862-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E31

Quant Time: Jun 06 07:43:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	387687	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	365646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111636	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.30%
7) Chloroethane-d5	1.56	69	82785	41.76	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.52%
11) 1,1-Dichloroethene-d2	2.12	63	159181	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	3.89	46	193140	110.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	4.37	84	238438	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.05	65	168197	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.07	84	485375	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	153754	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	7.34	98	441185	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.64	79	69413	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.34%
47) 2-Hexanone-d5	8.11	63	149561	114.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	208036	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	181238	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

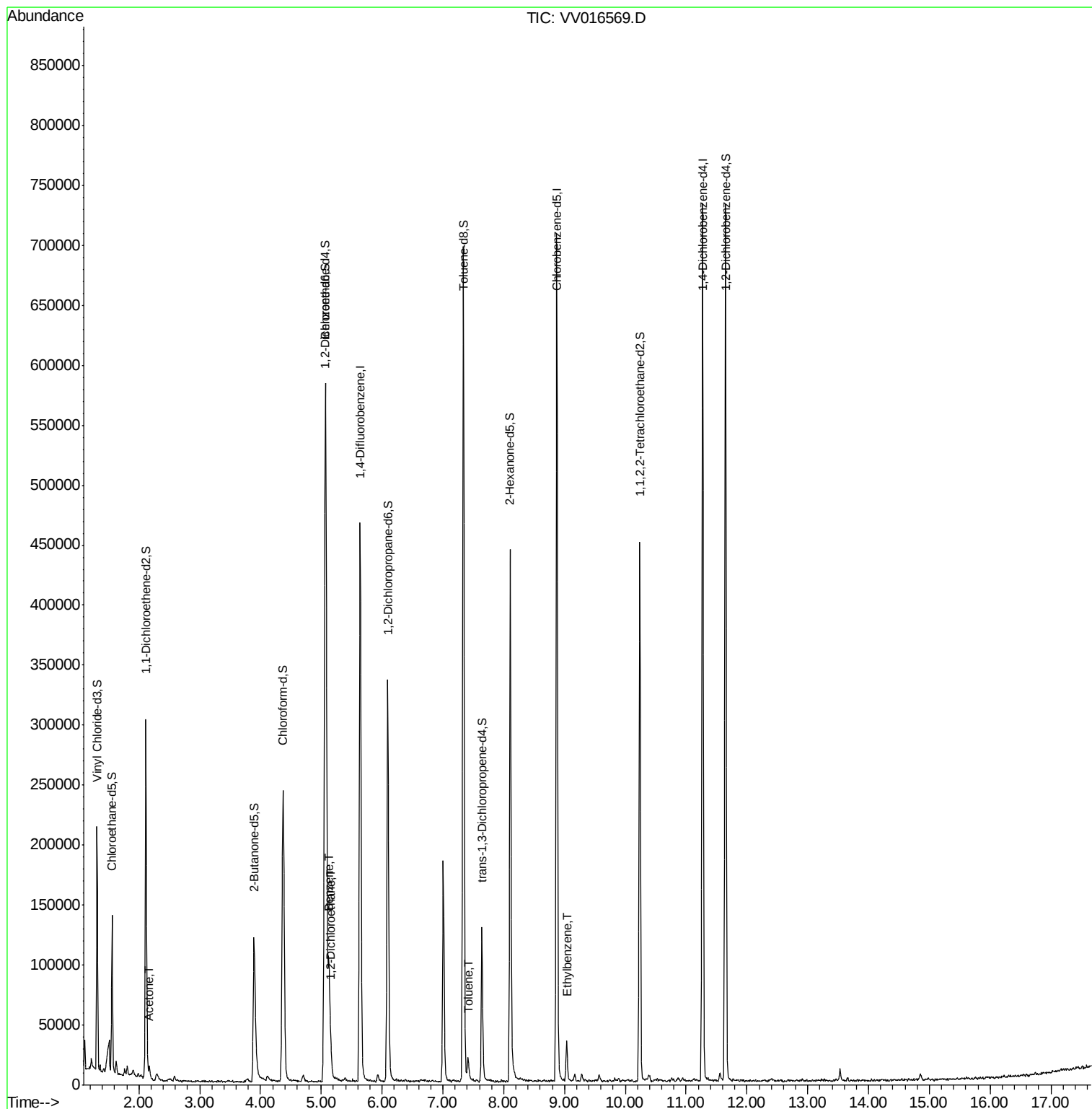
					Qvalue
13) Acetone	2.17	43	7214	4.396 ug/L	98
27) 1,2-Dichloroethane	5.16	62	19811	4.631 ug/L #	91
33) Benzene	5.13	78	99637	9.265 ug/L	100
42) Toluene	7.41	91	12880	1.130 ug/L	94
52) Ethylbenzene	9.04	91	23279	1.877 ug/L	96

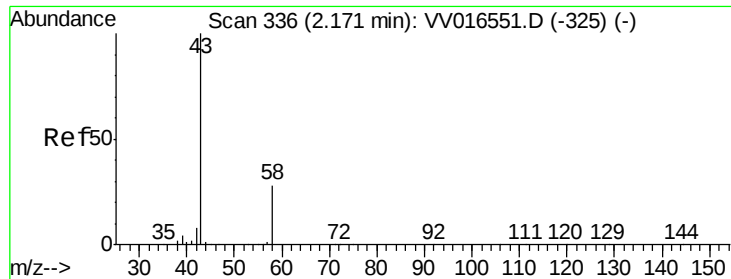
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.396 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

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Acq: 06 Jun 2020 05:15

Instrument :

MSVOA_V

ClientSampled :

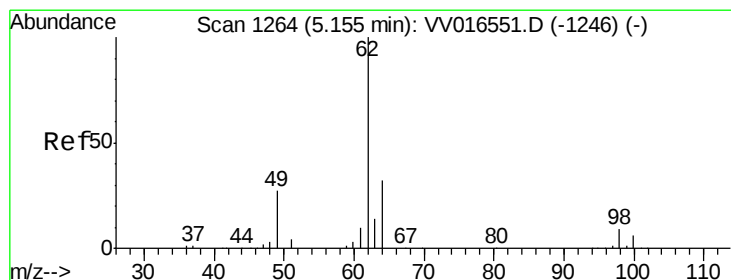
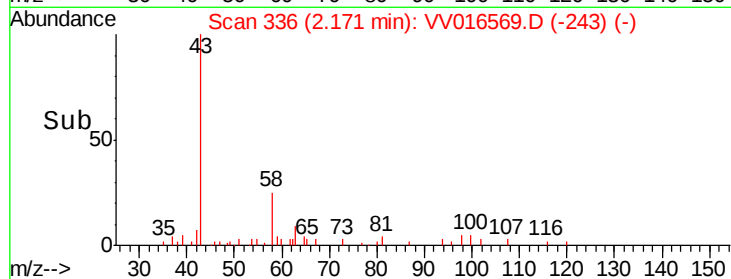
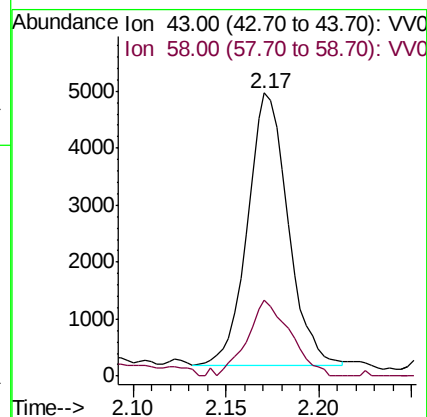
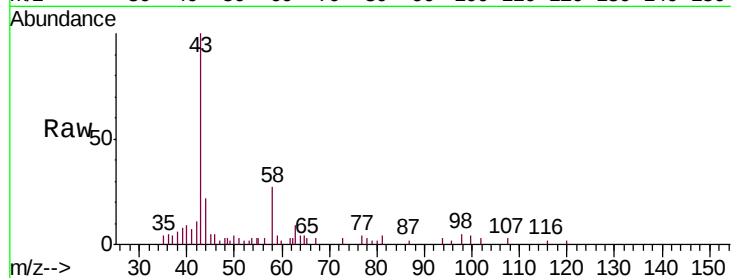
F9E31

Tgt Ion: 43 Resp: 7214

Ion Ratio Lower Upper

43 100

58 29.7 0.0 57.2



#27

1,2-Dichloroethane

Concen: 4.631 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

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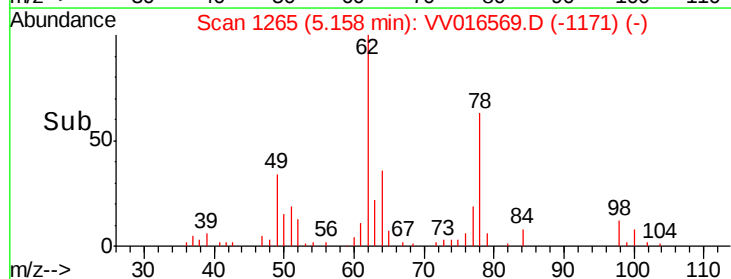
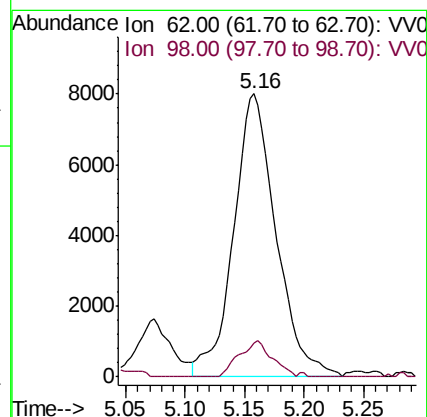
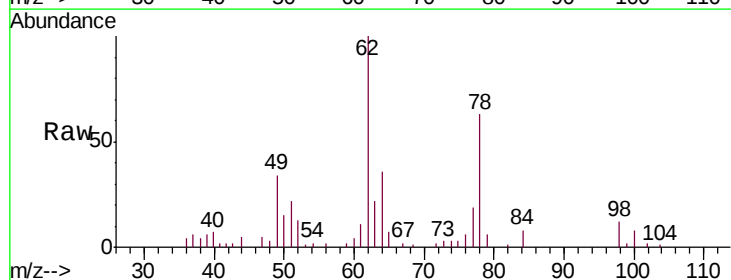
Acq: 06 Jun 2020 05:15

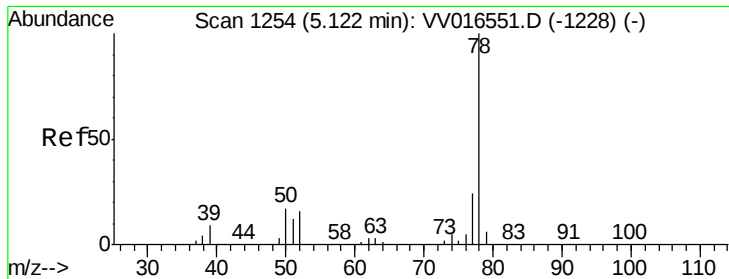
Tgt Ion: 62 Resp: 19811

Ion Ratio Lower Upper

62 100

98 11.9 6.9 10.3#





#33

Benzene

Concen: 9.265 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

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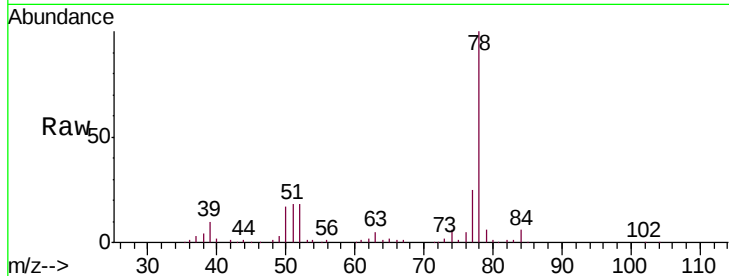
Instrument :

MSVOA_V

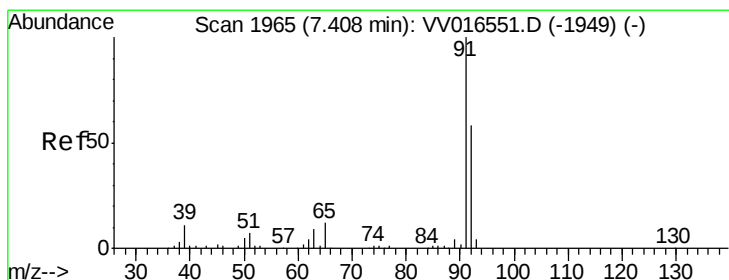
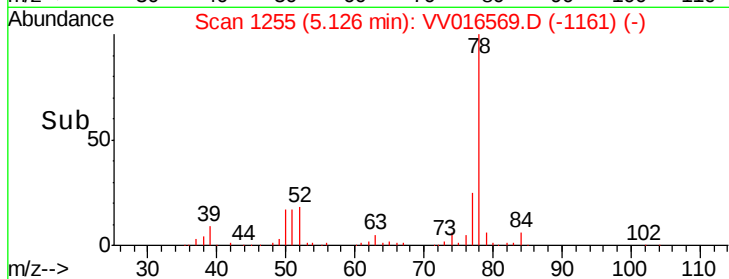
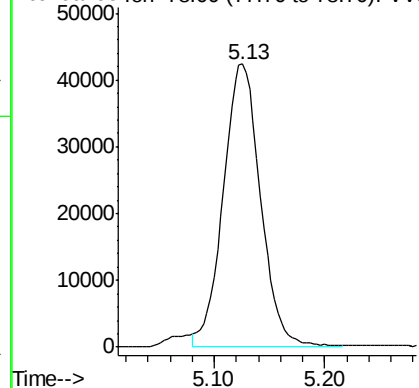
ClientSampleId :

F9E31

Tgt Ion: 78 Resp: 99637



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 1.130 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

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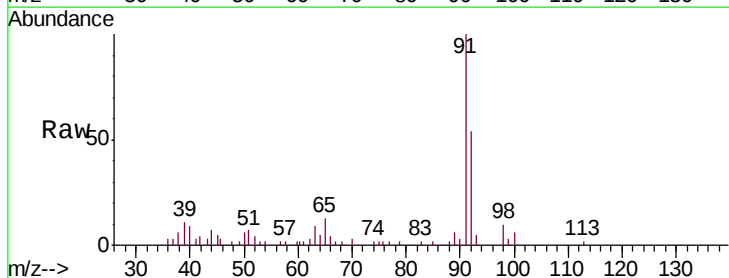
Acq: 06 Jun 2020 05:15

Tgt Ion: 91 Resp: 12880

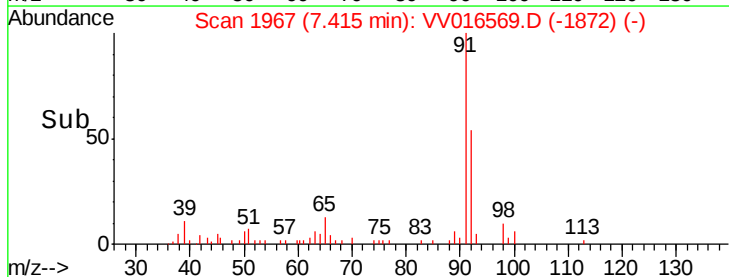
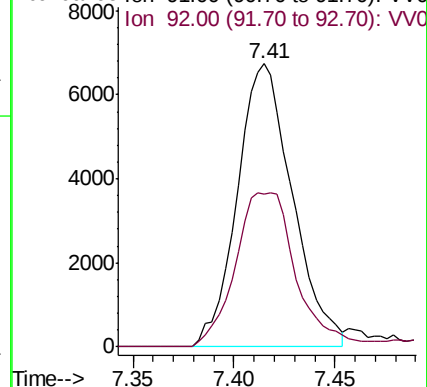
Ion Ratio Lower Upper

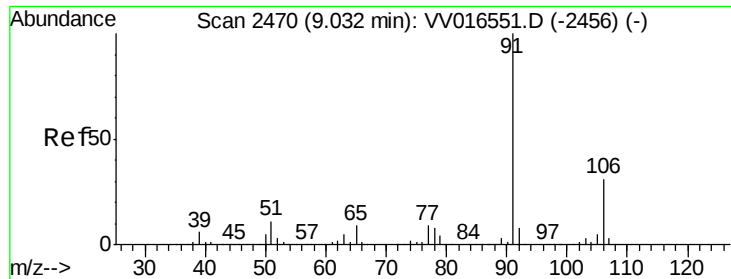
91 100

92 53.8 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0





#52
 Ethylbenzene
 Concen: 1.877 ug/L
 RT: 9.04 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: VV016569.D
 Acq: 06 Jun 2020 05:15

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E31

Tgt Ion: 91 Resp: 23279
 Ion Ratio Lower Upper
 91 100
 106 28.9 21.8 40.4

