

Data File : VV016570.D
Acq On : 06 Jun 2020 05:38
Operator : SY/MD
Sample : L2862-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E32

Quant Time: Jun 06 07:45:58 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	368357	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112939	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.56	69	84542	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.12	63	156792	33.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.80%
21) 2-Butanone-d5	3.89	46	201075	120.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.53%
24) Chloroform-d	4.37	84	244592	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	5.05	65	171404	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
32) Benzene-d6	5.07	84	493135	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
36) 1,2-Dichloropropane-d6	6.09	67	155816	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.34	98	438732	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%
43) trans-1,3-Dichloropropene-	7.64	79	70424	49.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.74%
47) 2-Hexanone-d5	8.11	63	152350	122.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209287	53.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	182142	58.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.90%

Target Compounds

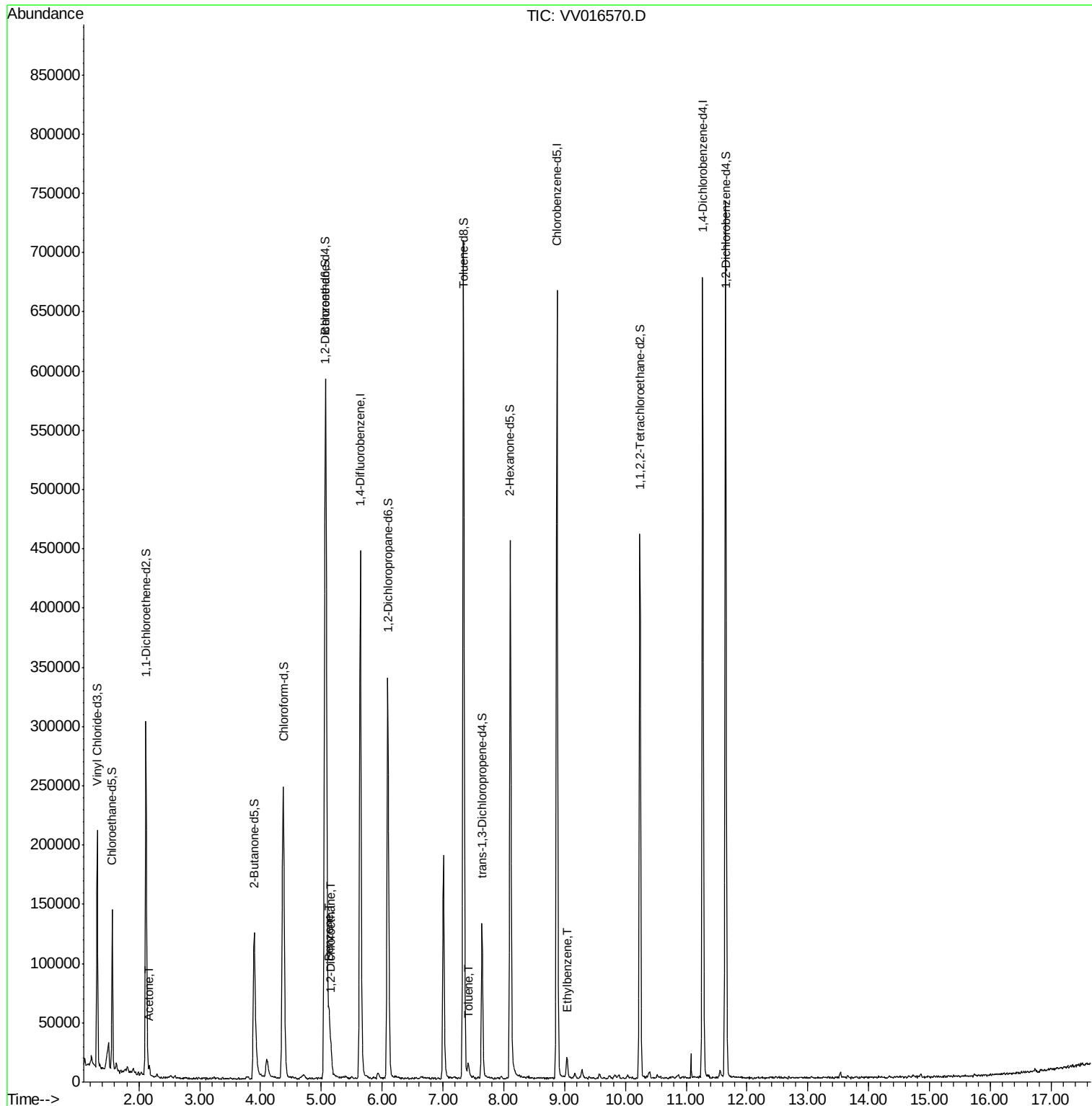
					Qvalue
13) Acetone	2.17	43	6334	4.062 ug/L	95
27) 1,2-Dichloroethane	5.16	62	19461	4.788 ug/L	98
33) Benzene	5.13	78	50462	4.943 ug/L	100
42) Toluene	7.41	91	7904	0.731 ug/L	92
52) Ethylbenzene	9.04	91	12306	1.045 ug/L	92

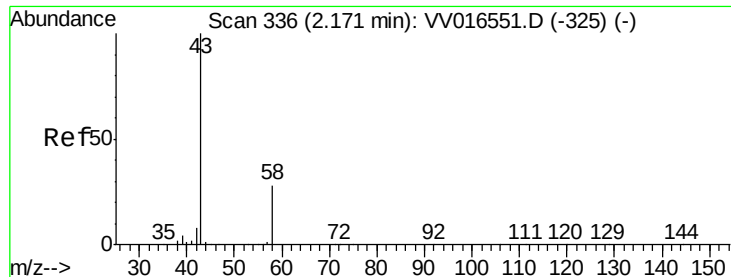
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.062 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

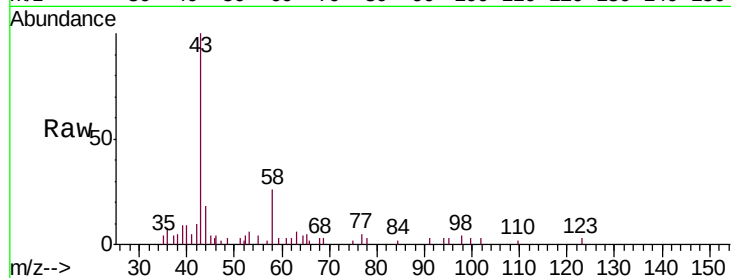
F9E32

Tgt Ion: 43 Resp: 6334

Ion Ratio Lower Upper

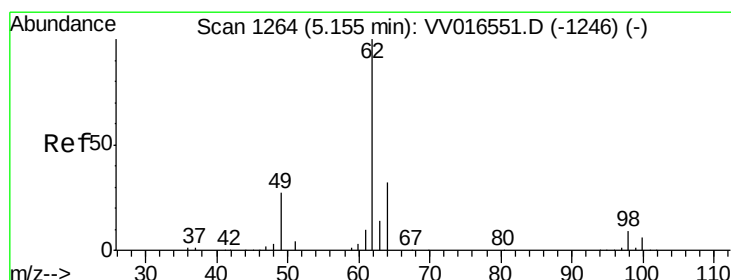
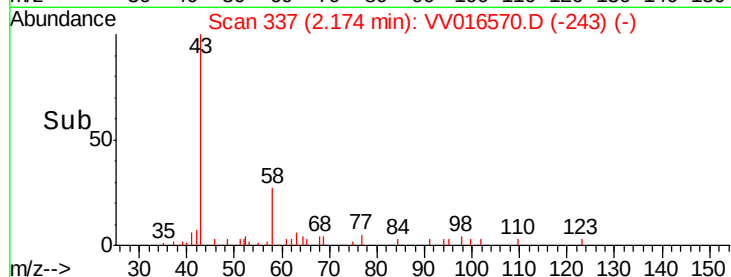
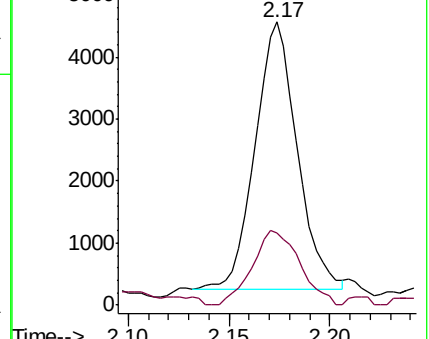
43 100

58 31.2 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-325) (-)



#27

1,2-Dichloroethane

Concen: 4.788 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV016570.D

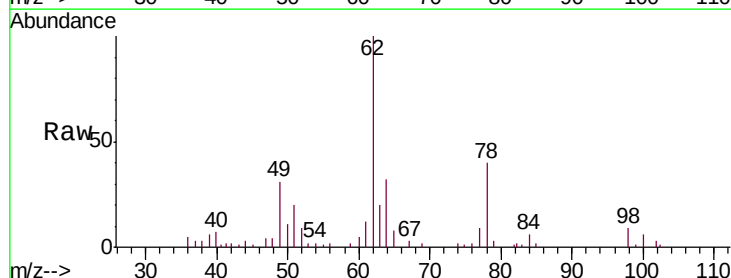
Acq: 06 Jun 2020 05:38

Tgt Ion: 62 Resp: 19461

Ion Ratio Lower Upper

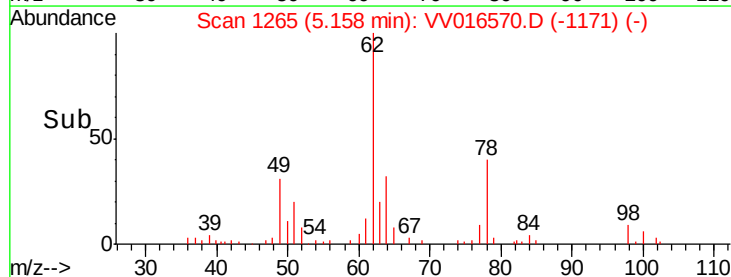
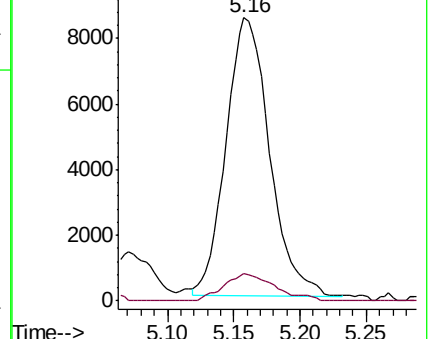
62 100

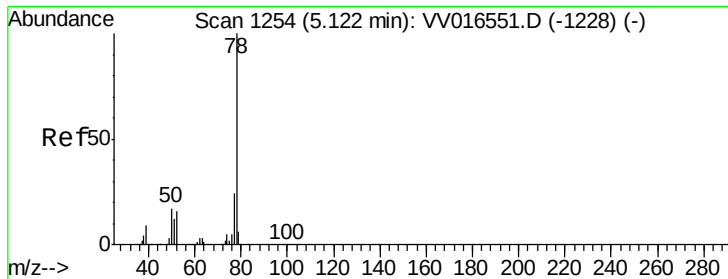
98 9.5 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016551.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016551.D (-1246) (-)





#33

Benzene

Concen: 4.943 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016570.D

Acq: 06 Jun 2020 05:38

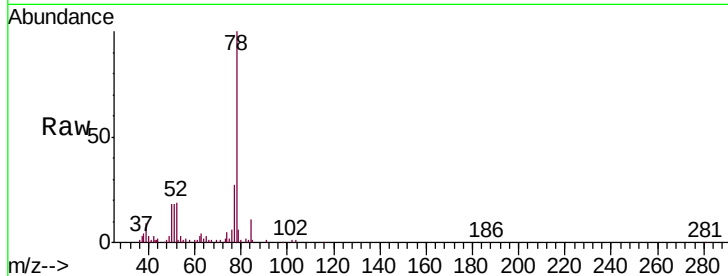
Instrument :

MSVOA_V

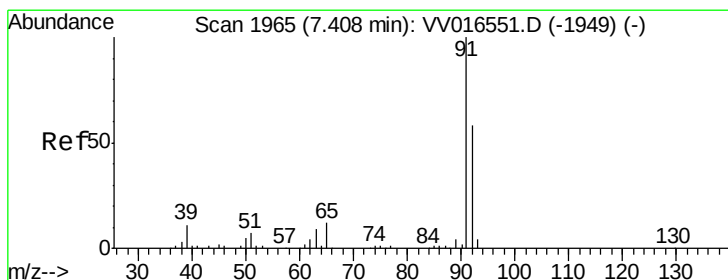
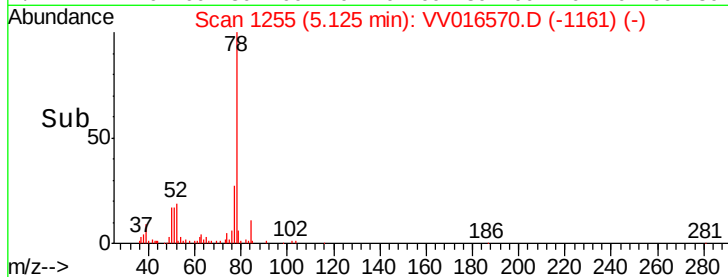
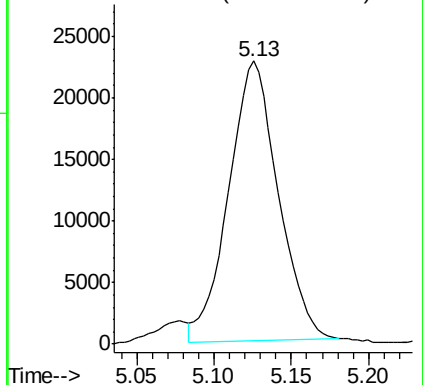
ClientSampleId :

F9E32

Tgt Ion: 78 Resp: 50462



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 0.731 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016570.D

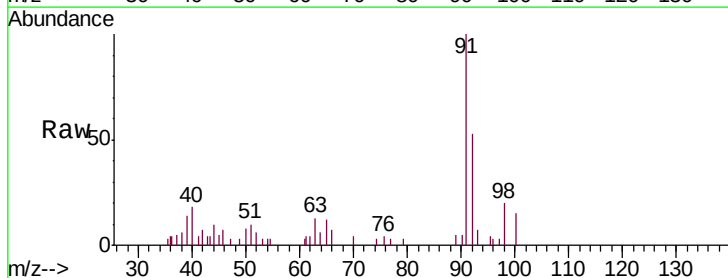
Acq: 06 Jun 2020 05:38

Tgt Ion: 91 Resp: 7904

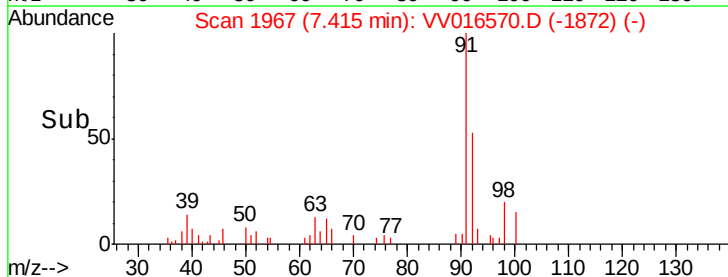
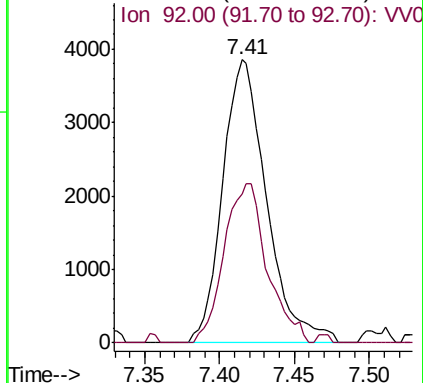
Ion Ratio Lower Upper

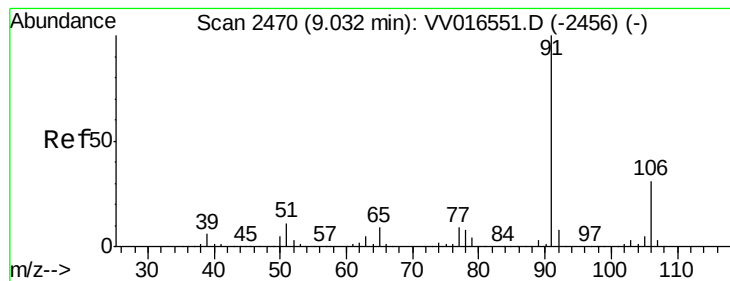
91 100

92 52.7 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0





#52

Ethylbenzene

Concen: 1.045 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016570.D

Acq: 06 Jun 2020 05:38

Instrument :

MSVOA_V

ClientSampleId :

F9E32

Tgt Ion: 91 Resp: 12306

Ion Ratio Lower Upper

91 100

106 26.7 21.8 40.4

