

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016629.D
 Acq On : 07 Jun 2020 08:56
 Operator : SY/MD
 Sample : L2862-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D73DL

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 3:05:49 PM

Quant Time: Jun 08 06:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352952	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328867	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108925	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.14%
7) Chloroethane-d5	1.56	69	68566	37.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.98%
11) 1,1-Dichloroethene-d2	2.12	63	142618	32.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.36%
21) 2-Butanone-d5	3.90	46	166121	103.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.37	84	223277	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.05	65	159239	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
32) Benzene-d6	5.07	84	450644	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
36) 1,2-Dichloropropane-d6	6.09	67	140806	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.34	98	403456	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.64	79	61581	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.11	63	122610	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181278	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	164948	56.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.26%

Target Compounds					Ovalue
27) 1,2-Dichloroethane	5.16	62	8330m	2.139 ug/L	
29) Cyclohexane	4.70	56	6720	1.722 ug/L	98
33) Benzene	5.12	78	468620	48.452 ug/L	100
52) Ethylbenzene	9.04	91	6998	0.627 ug/L	86

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

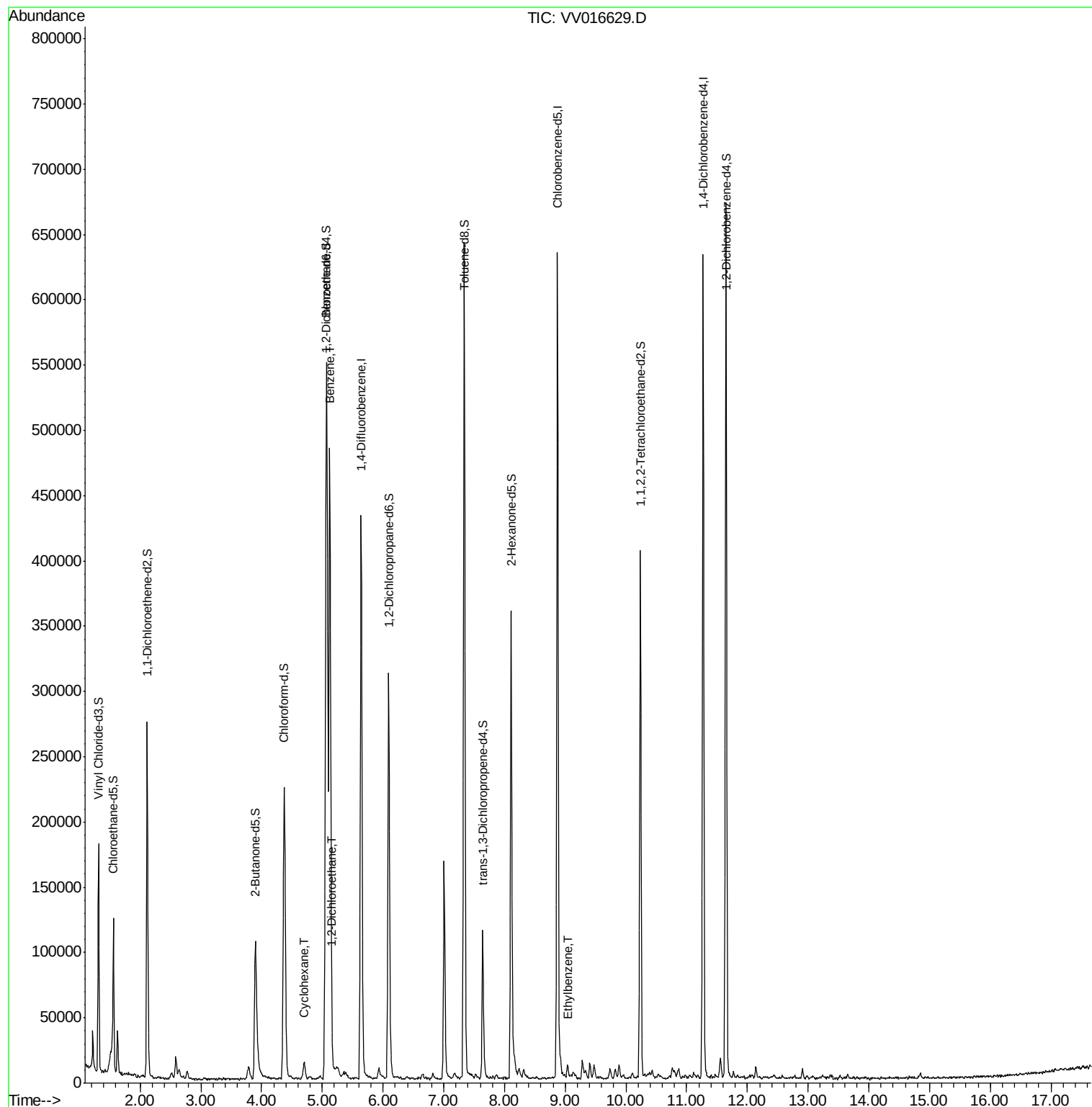
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060620\
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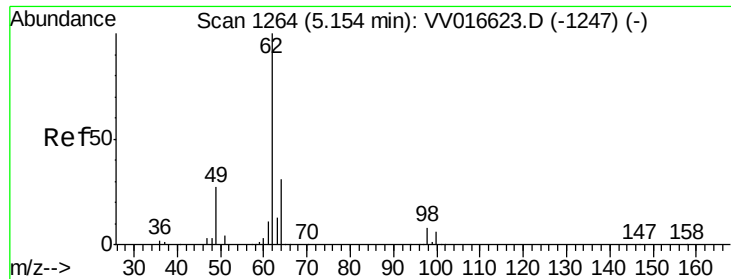
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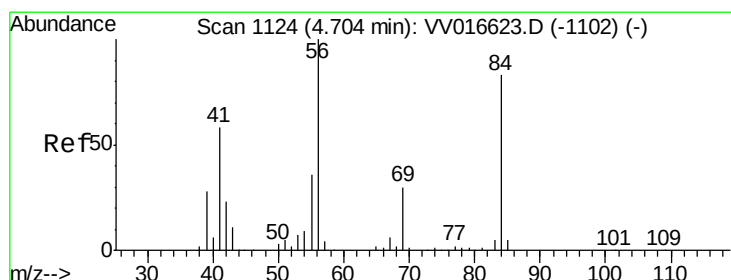
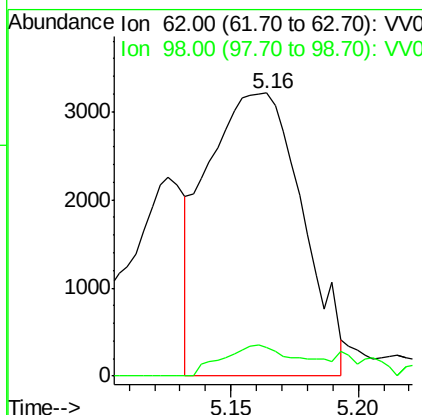
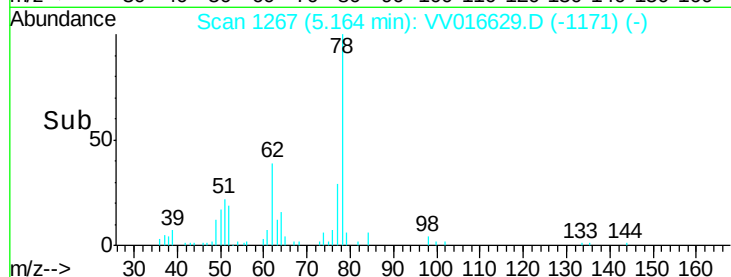
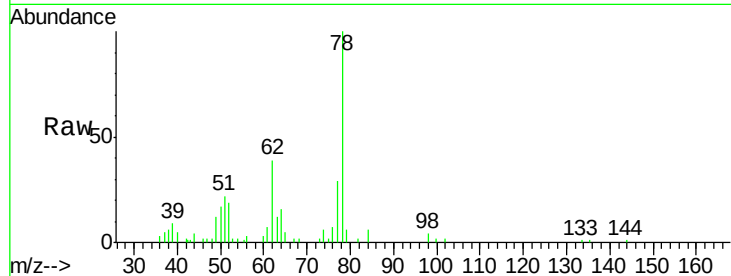
#27
 1,2-Dichloroethane
 Concen: 2.139 ug/L m
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV016629.D
 Acq: 07 Jun 2020 08:56

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D73DL

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.3	6.9	10.3

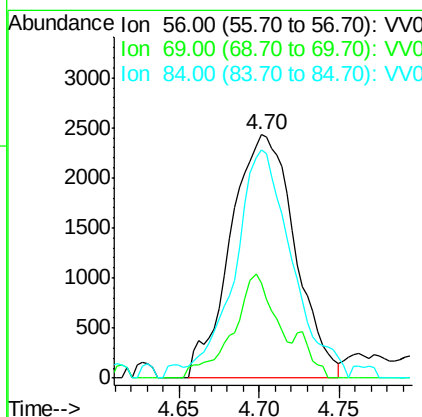
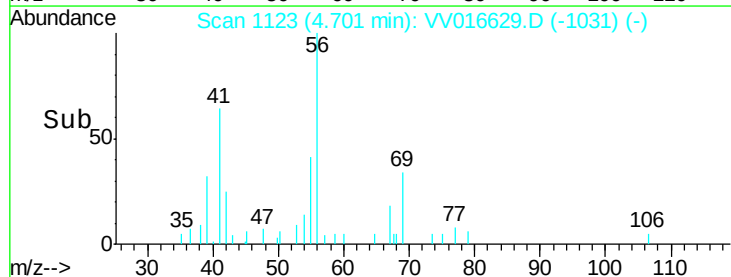
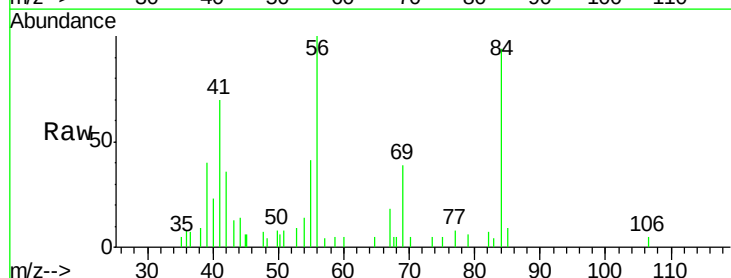
Manual Integrations
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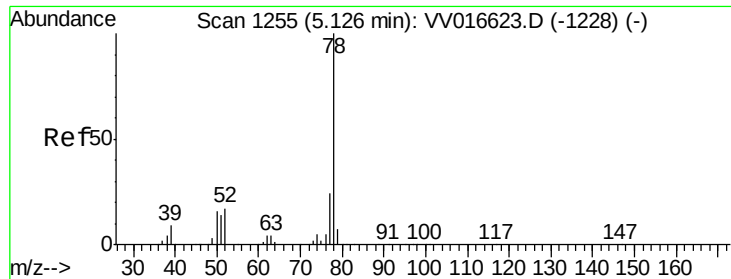
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#29
 Cyclohexane
 Concen: 1.722 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VV016629.D
 Acq: 07 Jun 2020 08:56

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.9	35.9
84	83.0	68.2	102.2





#33

Benzene

Concen: 48.452 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016629.D

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Instrument :

MSVOA_V

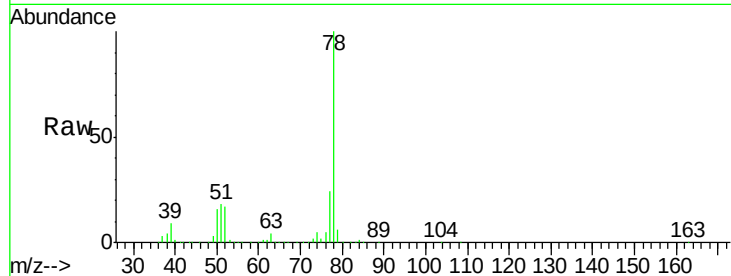
ClientSampleId :

F9D73DL

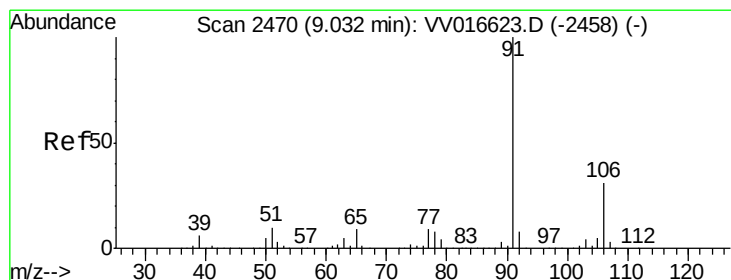
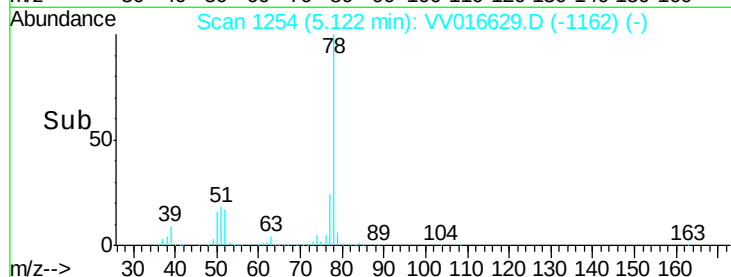
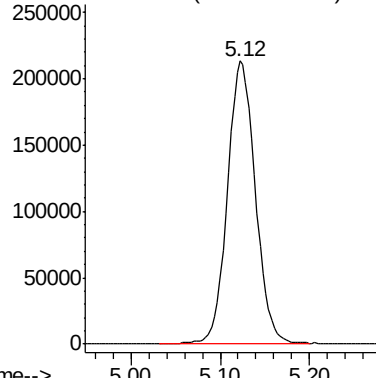
Tgt Ion: 78 Resp: 468620

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#52

Ethylbenzene

Concen: 0.627 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016629.D

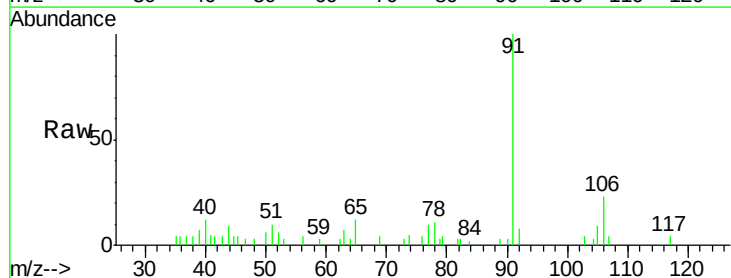
Acq: 07 Jun 2020 08:56

Tgt Ion: 91 Resp: 6998

Ion Ratio Lower Upper

91 100

106 23.4 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

