

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016630.D
 Acq On : 07 Jun 2020 09:20
 Operator : SY/MD
 Sample : L2862-04DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D74DL

Quant Time: Jun 08 05:44:39 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	359214	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155251	50.00	ug/L	0.00

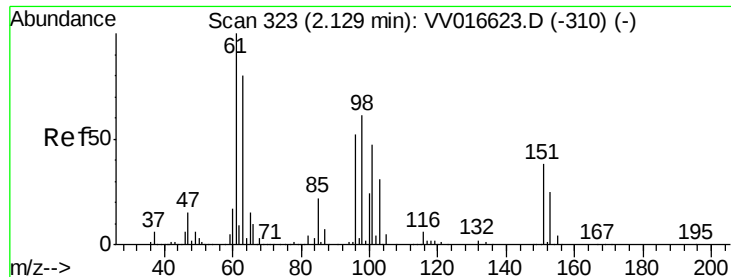
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109401	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.56	69	74573	40.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.12	63	147290	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.89	46	176716	108.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.62%
24) Chloroform-d	4.38	84	230899	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.05	65	163735	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
32) Benzene-d6	5.07	84	462734	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
36) 1,2-Dichloropropane-d6	6.09	67	144013	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.14%
41) Toluene-d8	7.34	98	411595	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%
43) trans-1,3-Dichloropropene-	7.64	79	61039	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.11	63	129027	108.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186107	49.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	164058	56.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.46%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1440	0.695 ug/L	# 20
27) 1,2-Dichloroethane	5.16	62	6881	1.736 ug/L	100
33) Benzene	5.12	78	498137	51.113 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4583	1.237 ug/L	86
52) Ethylbenzene	9.04	91	7076	0.630 ug/L	92

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.695 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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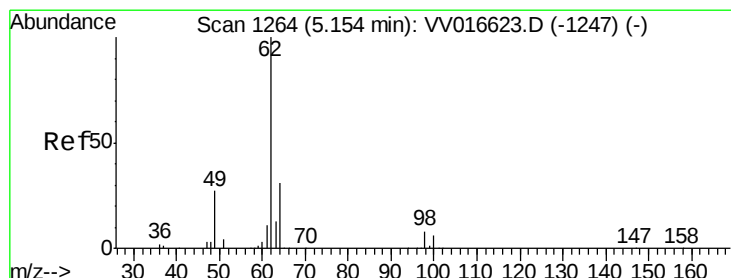
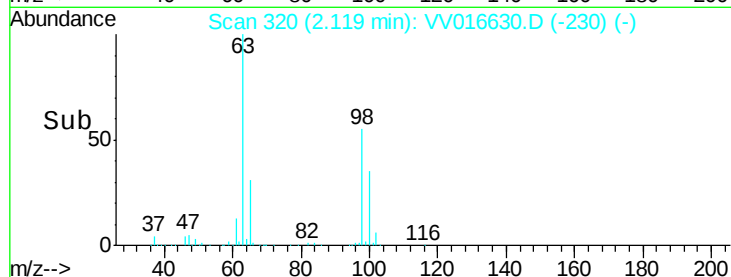
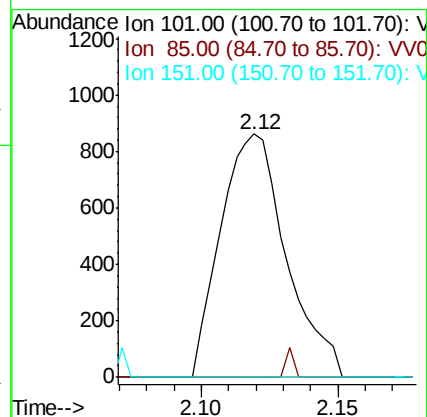
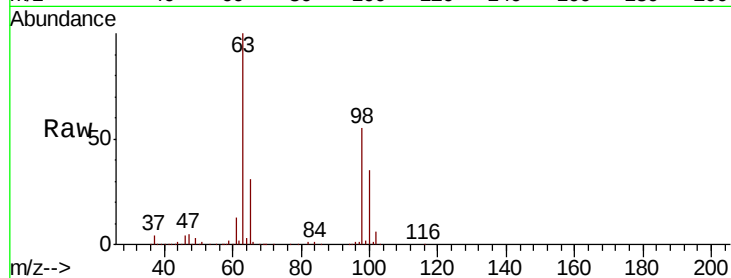
Tot Ion:101 Resp: 1440

Ion Ratio Lower Upper

101 100

85 2.8 35.6 53.4#

151 0.0 61.8 92.8#



#27

1,2-Dichloroethane

Concen: 1.736 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VV016630.D

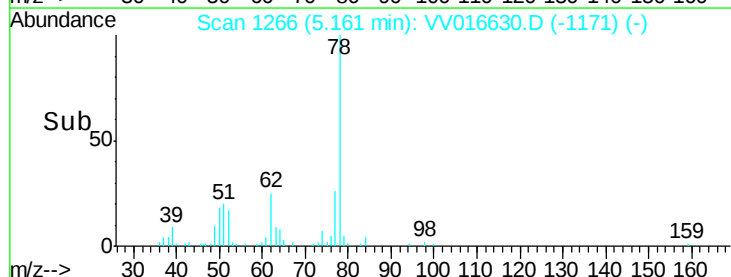
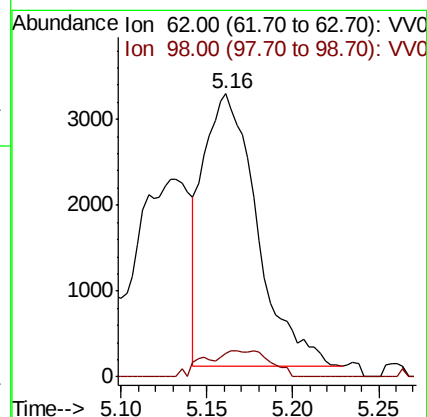
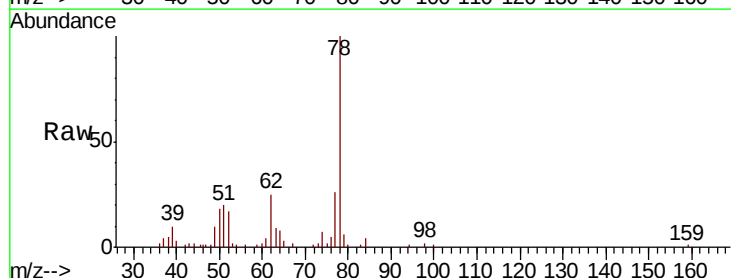
Acq: 07 Jun 2020 09:20

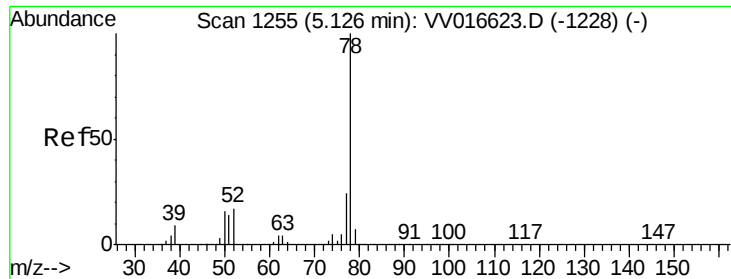
Tgt Ion: 62 Resp: 6881

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3





#33

Benzene

Concen: 51.113 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016630.D

Acq: 07 Jun 2020 09:20

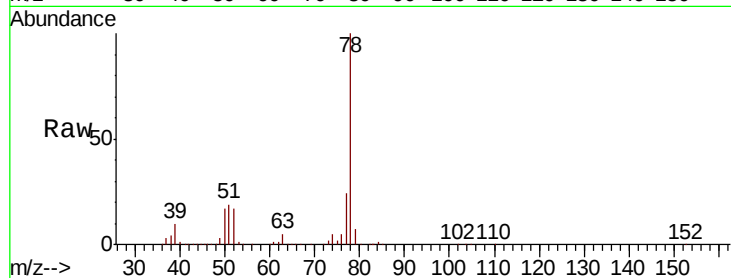
Instrument :

MSVOA_V

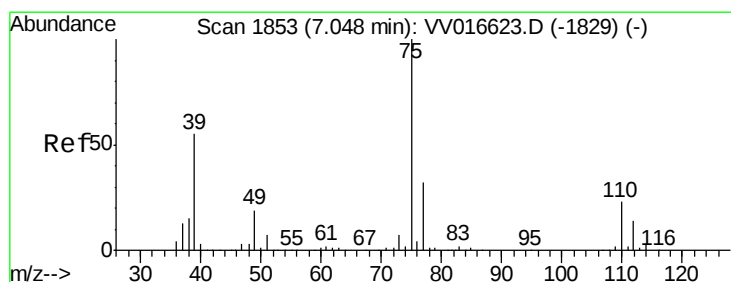
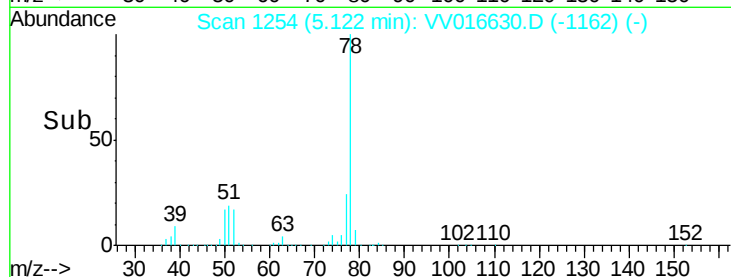
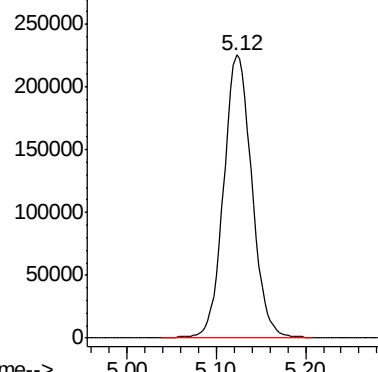
ClientSampleId :

F9D74DL

Tgt Ion: 78 Resp: 498137



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.237 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016630.D

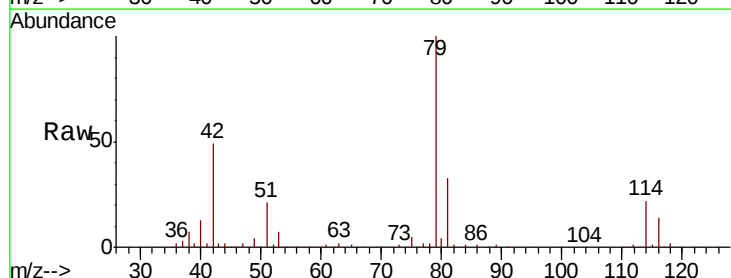
Acq: 07 Jun 2020 09:20

Tgt Ion: 75 Resp: 4583

Ion Ratio Lower Upper

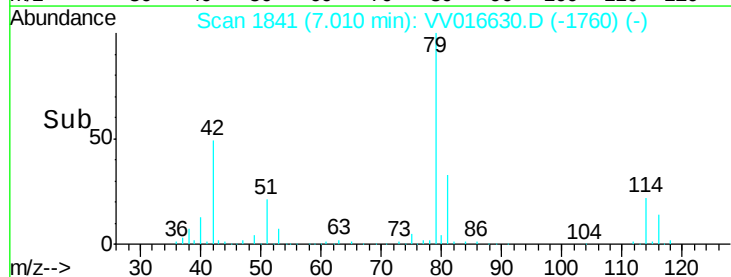
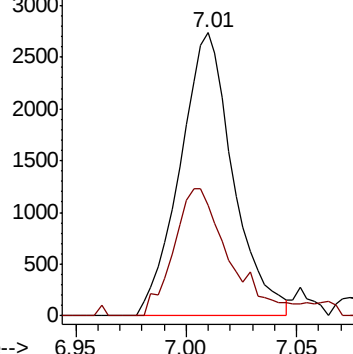
75 100

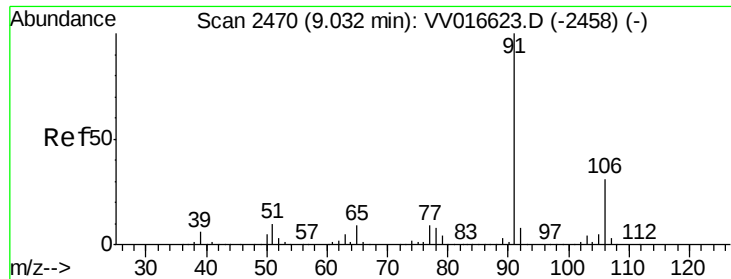
77 39.2 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#52
 Ethvlbenzene
 Concen: 0.630 ug/L
 RT: 9.04 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: VV016630.D
 Acq: 07 Jun 2020 09:20

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D74DL

Tot Ion: 91 Resp: 7076
 Ion Ratio Lower Upper
 91 100
 106 35.4 21.8 40.4

