

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016525.D
 Acq On : 05 Jun 2020 10:59
 Operator : SY/MD
 Sample : VV0605WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 00:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	398990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	375304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177896	50.00	ug/L	0.00

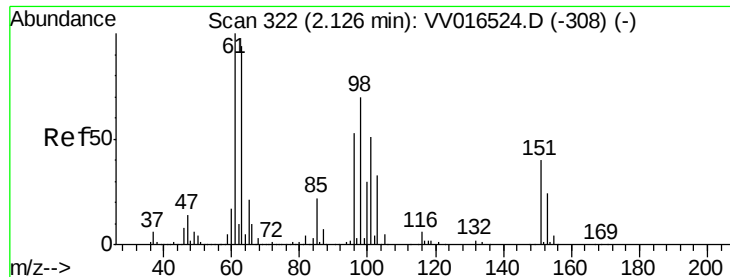
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119377	42.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.48%
7) Chloroethane-d5	1.58	69	89400	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.64%
11) 1,1-Dichloroethene-d2	2.12	63	164183	32.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.54%
21) 2-Butanone-d5	3.89	46	191318	105.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.37	84	251040	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.05	65	173236	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.07	84	503099	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
36) 1,2-Dichloropropane-d6	6.09	67	157200	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.33	98	452452	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.64	79	74075	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.04%
47) 2-Hexanone-d5	8.10	63	144257	107.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	205389	48.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	177730	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1738	0.755 ug/L #	21
27) 1,2-Dichloroethane	5.07	62	3530	0.802 ug/L	98
67) 1,3,5-Trichlorobenzene	13.28	180	1612	0.435 ug/L	89
70) 1,2,3-Trichlorobenzene	13.77	180	1894	0.580 ug/L #	71

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



#10

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

Concen: 0.755 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016525.D

Acq: 05 Jun 2020 10:59

Instrument :

MSVOA_V

ClientSampleId :

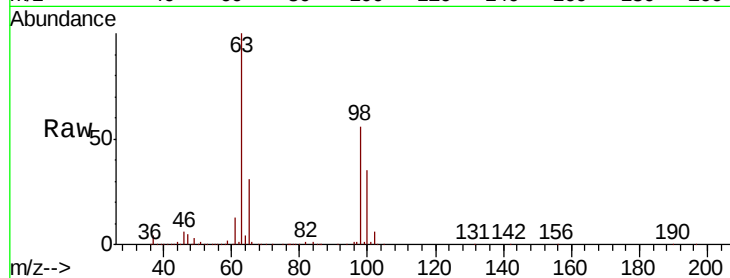
Tot Ion:101 Resp: 1738

Ion Ratio Lower Upper

101 100

85 5.2 35.6 53.4#

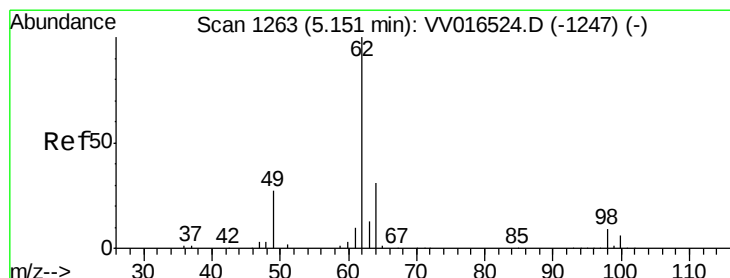
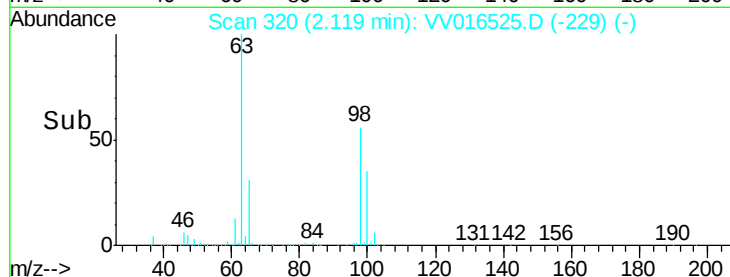
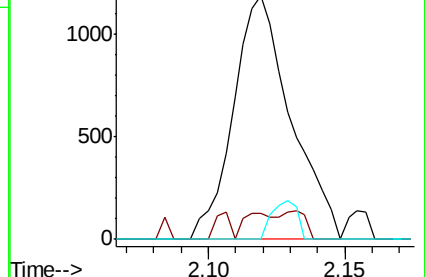
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016524.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV016525.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV016525.D (-229) (-)



#27

1,2-Dichloroethane

Concen: 0.802 ug/L

RT: 5.07 min Scan# 1237

Delta R.T. -0.08 min

Lab File: VV016525.D

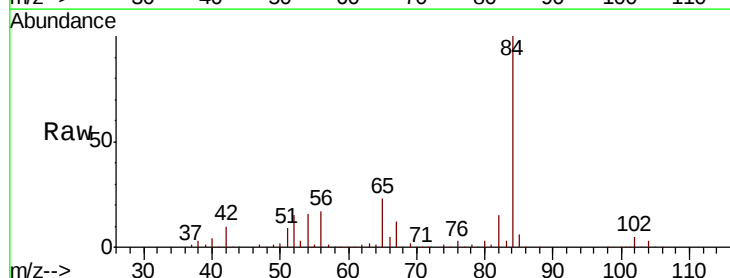
Acq: 05 Jun 2020 10:59

Tgt Ion: 62 Resp: 3530

Ion Ratio Lower Upper

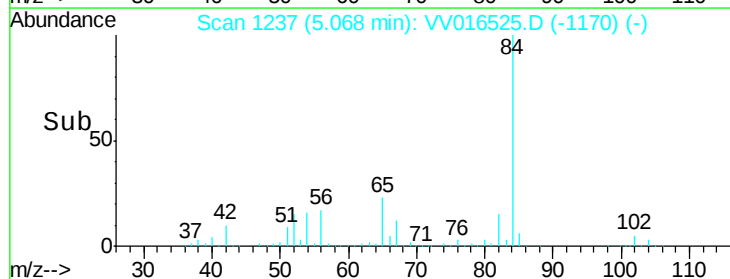
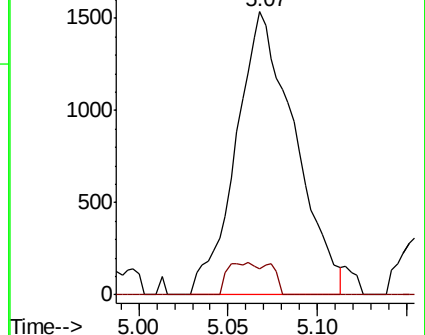
62 100

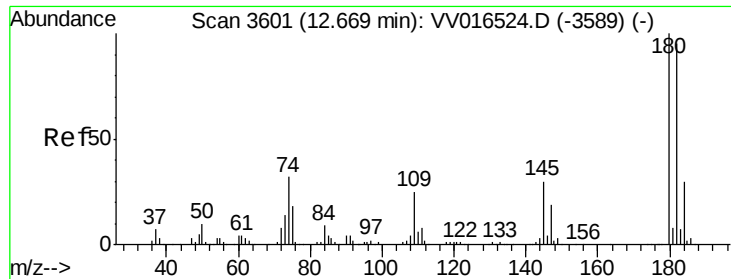
98 9.2 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016524.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VV016525.D (-1170) (-)

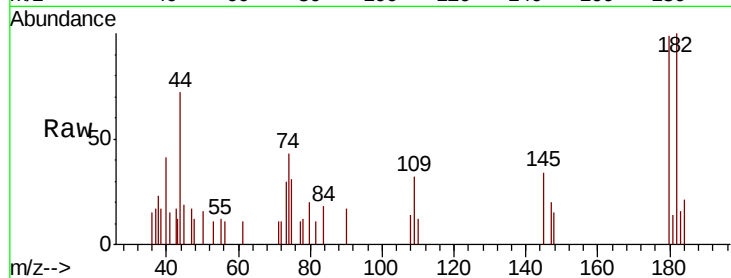




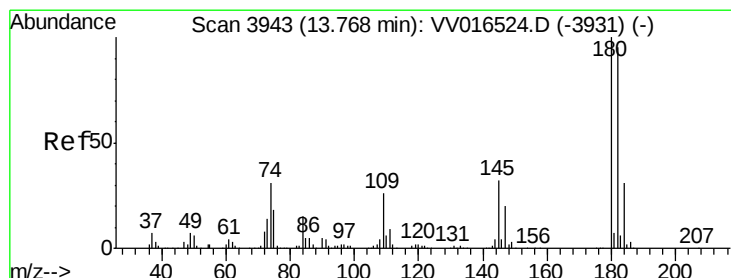
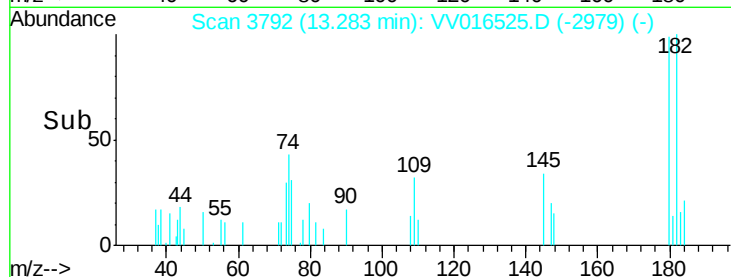
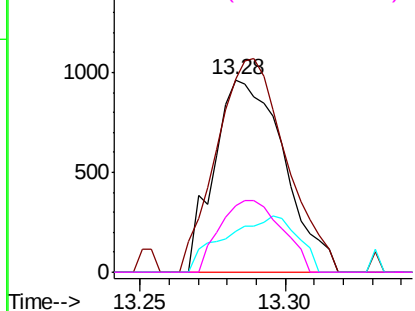
#67
 1,3,5-Trichlorobenzene
 Concen: 0.435 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.61 min
 Lab File: VV016525.D
 Acq: 05 Jun 2020 10:59

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1612
 Ion Ratio Lower Upper
 180 100
 182 110.4 75.8 113.8
 184 30.5 24.4 36.6
 145 32.9 24.2 36.2

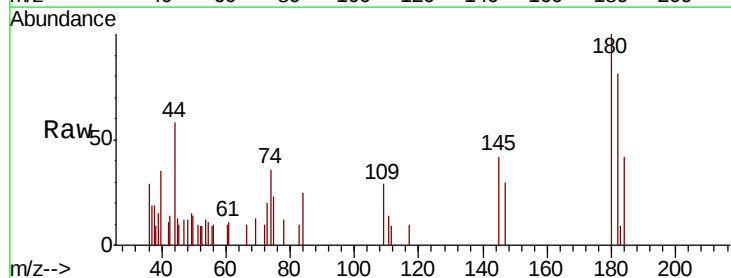


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.580 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016525.D
 Acq: 05 Jun 2020 10:59

Tgt Ion:180 Resp: 1894
 Ion Ratio Lower Upper
 180 100
 182 60.4 76.0 114.0#
 145 38.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

