

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016813.D
 Acq On : 11 Jun 2020 09:46
 Operator : SY/MD
 Sample : VV0611WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:29:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	317138	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139177	50.00	ug/L	0.00

System Monitoring Compounds

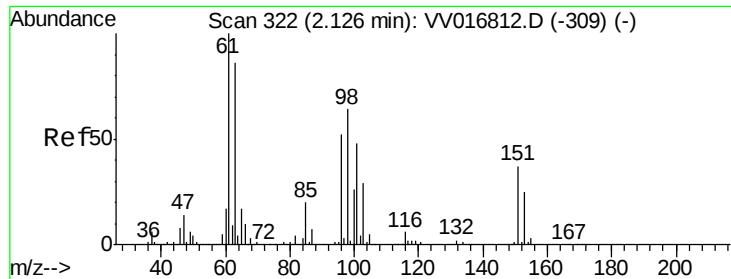
4) Vinyl Chloride-d3	1.31	65	95436	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.30%
7) Chloroethane-d5	1.57	69	69917	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.14%
11) 1,1-Dichloroethene-d2	2.12	63	131290	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.89	46	150832	91.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.07%
24) Chloroform-d	4.37	84	209053	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.05	65	150133	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.07	84	409467	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.09	67	127477	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.12%
41) Toluene-d8	7.33	98	371488	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.64	79	58311	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.54%
47) 2-Hexanone-d5	8.10	63	89677	76.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164418	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	152361	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1304	0.773 ug/L #	25
13) Acetone	2.17	43	3588	3.288 ug/L	91
27) 1,2-Dichloroethane	5.07	62	2973	0.854 ug/L	99
48) 2-Hexanone	8.16	43	10628	4.214 ug/L #	86
70) 1,2,3-Trichlorobenzene	13.77	180	1637	0.555 ug/L #	90

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

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ALS Vial : 3 Sample Multiplier: 1



#10

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

Concen: 0.773 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016813.D

Acq: 11 Jun 2020 09:46

Instrument :

MSVOA_V

ClientSampleId :

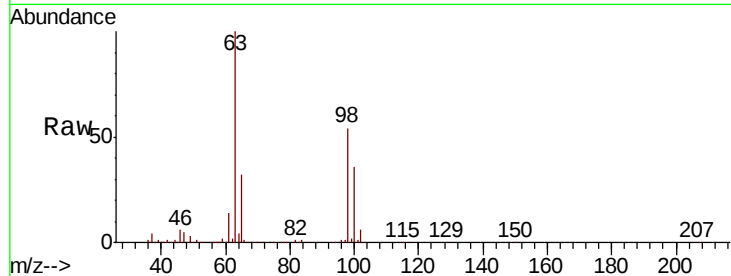
Tot Ion:101 Resp: 1304

Ion Ratio Lower Upper

101 100

85 9.5 35.5 53.3#

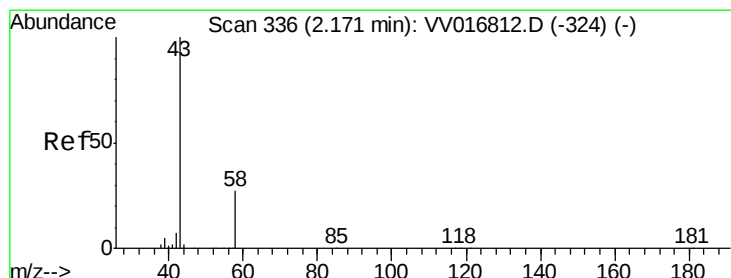
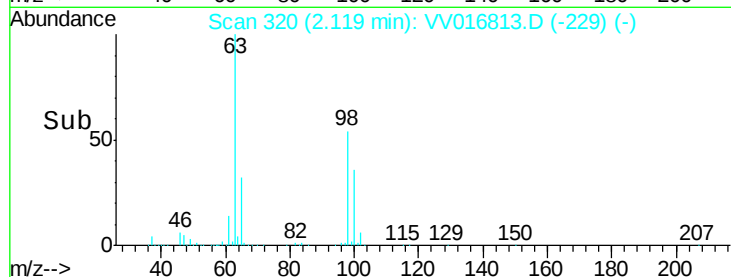
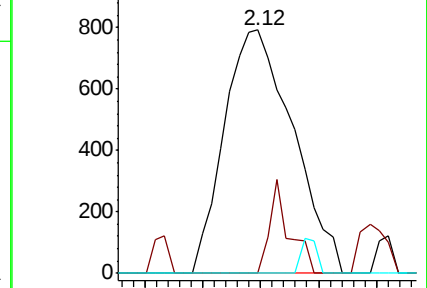
151 3.2 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016813.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV016813.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV016813.D (-229) (-)



#13

Acetone

Concen: 3.288 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016813.D

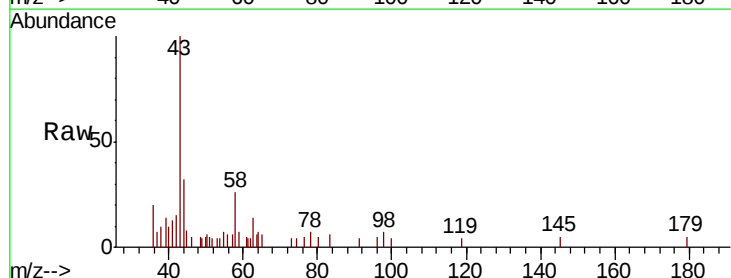
Acq: 11 Jun 2020 09:46

Tgt Ion: 43 Resp: 3588

Ion Ratio Lower Upper

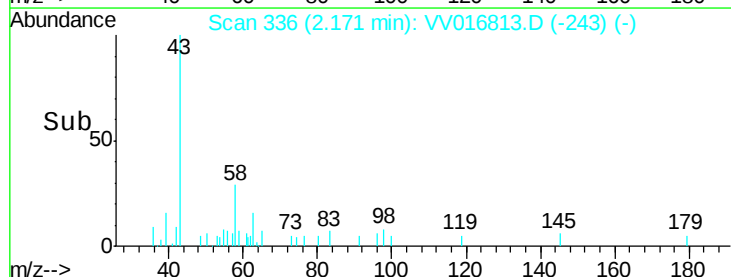
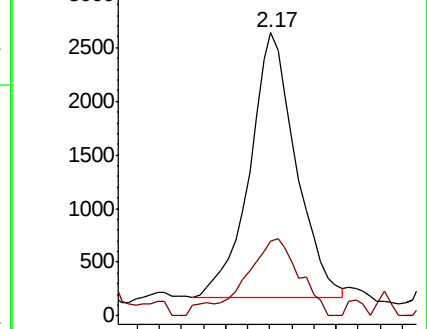
43 100

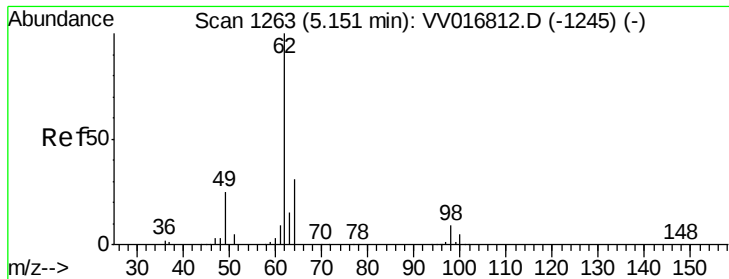
58 32.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016813.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016813.D (-243) (-)

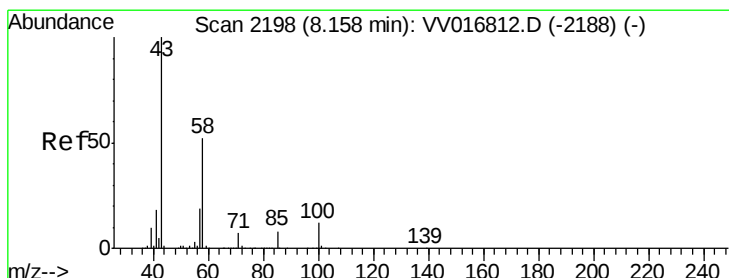
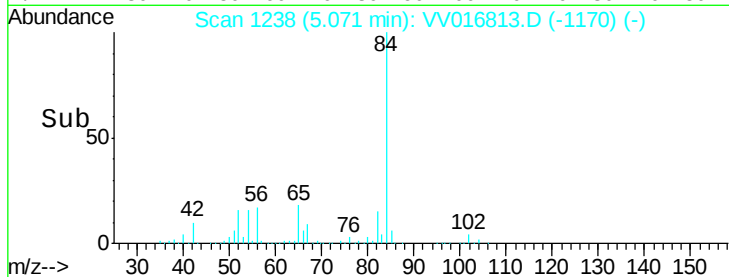
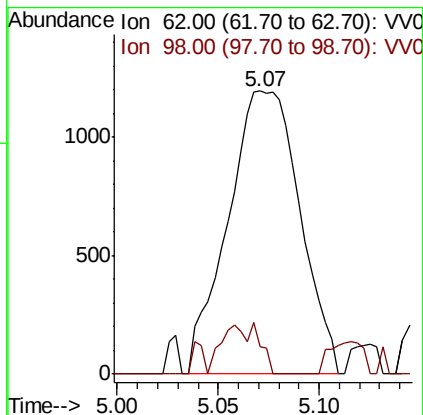
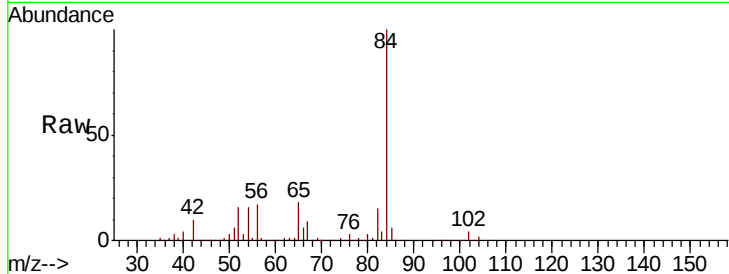




#27
 1,2-Dichloroethane
 Concen: 0.854 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016813.D
 Acq: 11 Jun 2020 09:46

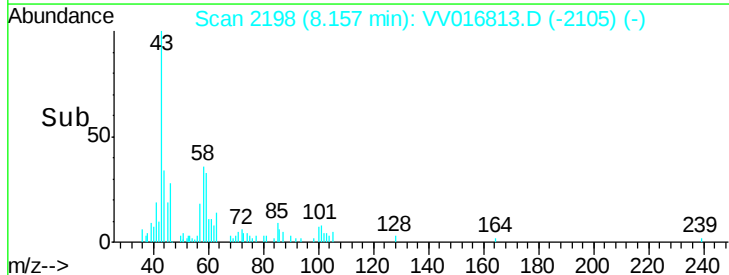
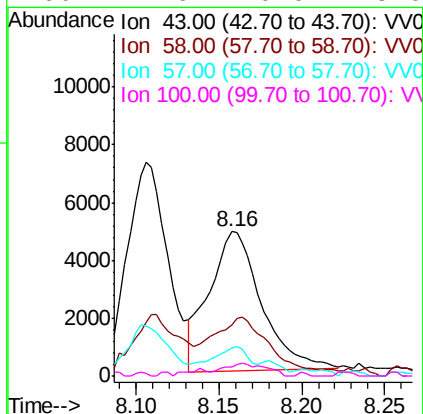
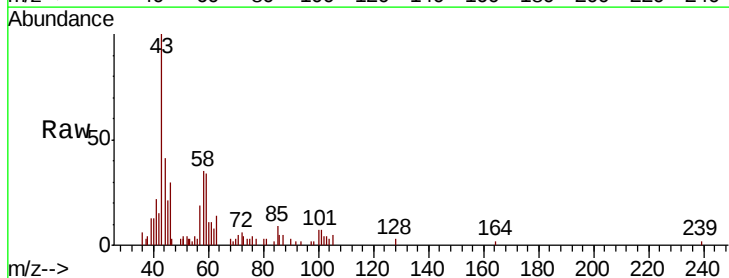
Instrument :
 MSVOA_V
 ClientSampled :

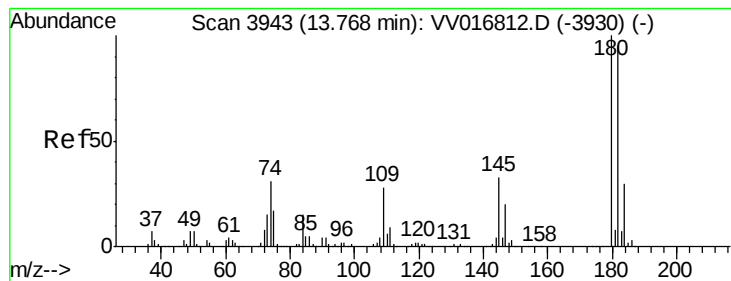
Tot Ion: 62 Resp: 2973
 Ion Ratio Lower Upper
 62 100
 98 9.6 7.4 11.2



#48
 2-Hexanone
 Concen: 4.214 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VV016813.D
 Acq: 11 Jun 2020 09:46

Tgt Ion: 43 Resp: 10628
 Ion Ratio Lower Upper
 43 100
 58 45.1 43.1 64.7
 57 13.9 15.3 22.9#
 100 2.6 10.0 15.0#





#70

1,2,3-Trichlorobenzene

Concen: 0.555 ug/L

RT: 13.77 min Scan# 3945

Delta R.T. 0.01 min

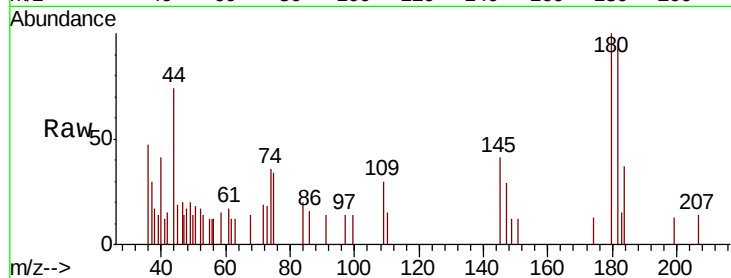
Lab File: VV016813.D

Acq: 11 Jun 2020 09:46

Instrument :

MSVOA_V

ClientSampleId :



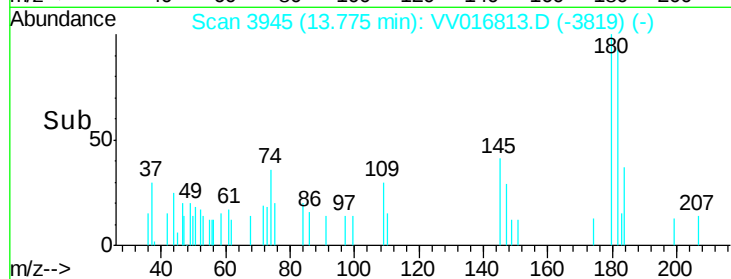
Tot Ion:180 Resp: 1637

Ion Ratio Lower Upper

180 100

182 89.7 76.5 114.7

145 21.1 26.1 39.1#



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

