

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018625.D
 Acq On : 02 Oct 2020 15:01
 Operator : SY/MD
 Sample : L4171-03ME
 Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0ME

Quant Time: Oct 03 00:52:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333187	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332259	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	170812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85366	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.38%
7) Chloroethane-d5	1.58	69	78147	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	1.92	63	255	0.06	ug/L	-0.20
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.12%#
21) 2-Butanone-d5	3.94	46	95068	65.22	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.22%
24) Chloroform-d	4.37	84	172657	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	5.05	65	121185	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
32) Benzene-d6	5.07	84	348227	41.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.76%
36) 1,2-Dichloropropane-d6	6.09	67	106215	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.54%
41) Toluene-d8	7.34	98	324447	40.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.96%
43) trans-1,3-Dichloropropene-	7.64	79	55789	40.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.22%
47) 2-Hexanone-d5	8.14	63	69042	71.48	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123489	36.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	142903	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

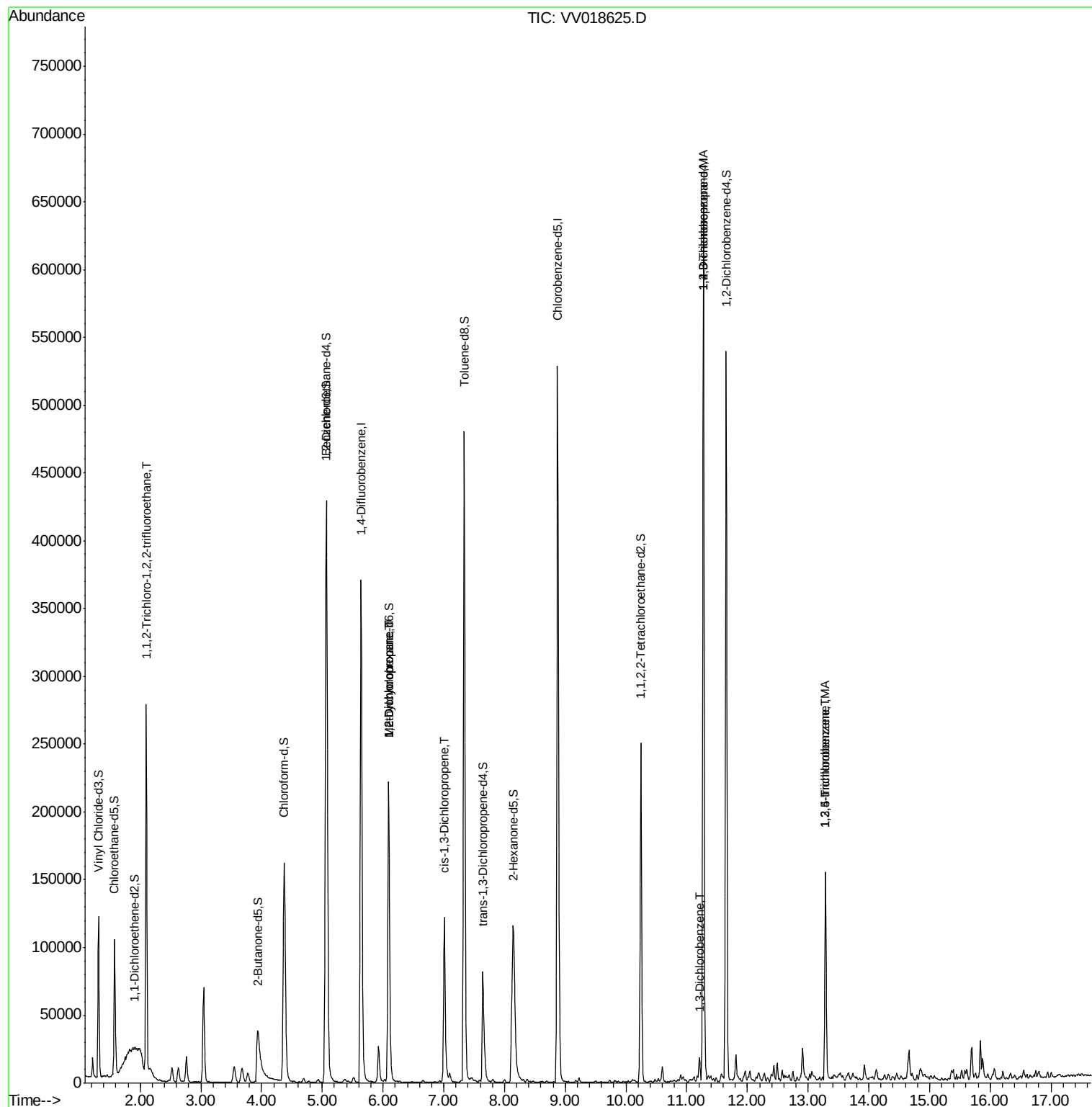
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1476	0.681	ug/L # 17
35) Methylcyclohexane	6.09	83	27524	7.200	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	12538	5.006	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	3816	0.971	ug/L # 67
59) 1,2,3-Trichloropropane	11.28	75	19632	6.445	ug/L 91
62) 1,3-Dichlorobenzene	11.21	146	7056	1.276	ug/L 98
67) 1,3,5-Trichlorobenzene	13.29	180	44734	11.682	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	44734	12.554	ug/L 99

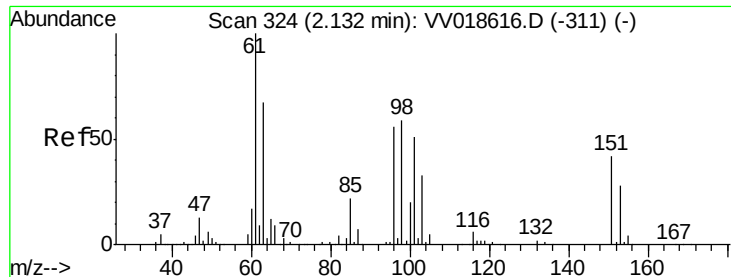
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 00:52:43 2020
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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 00:50:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.681 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV018625.D

Acq: 02 Oct 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0ME

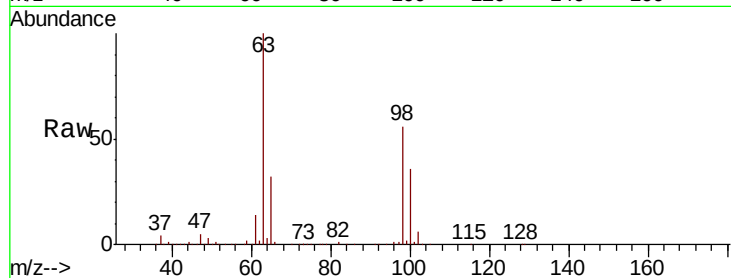
Tot Ion:101 Resp: 1476

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

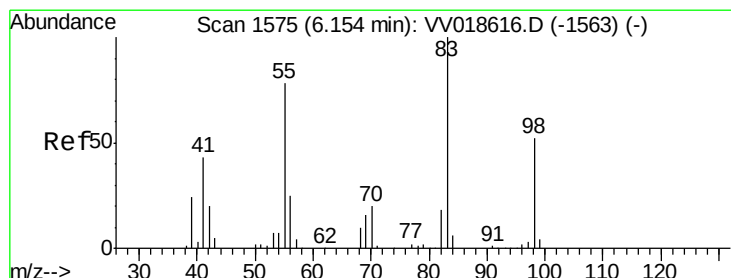
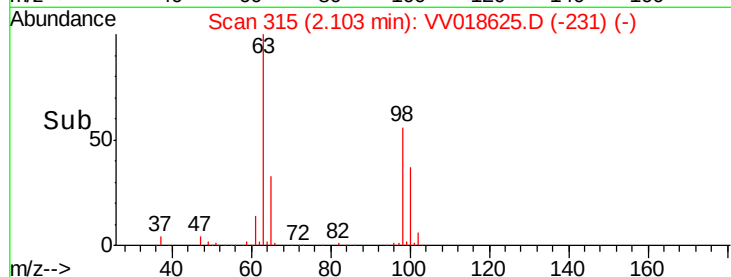
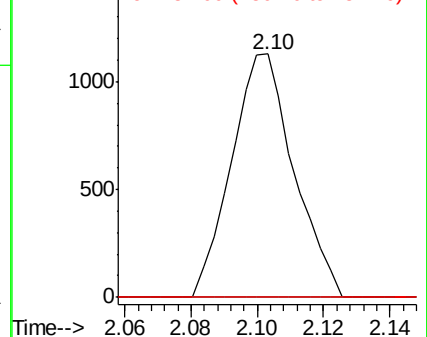
151 0.0 64.3 96.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 7.200 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV018625.D

Acq: 02 Oct 2020 15:01

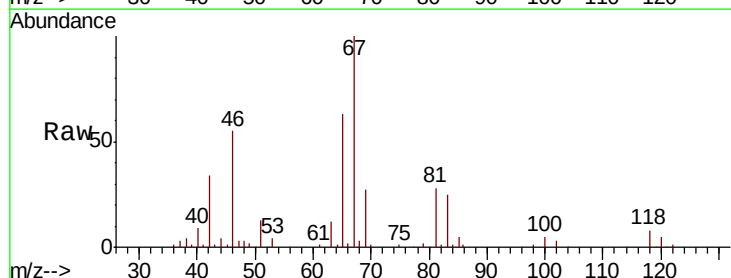
Tgt Ion: 83 Resp: 27524

Ion Ratio Lower Upper

83 100

55 0.4 60.1 90.1#

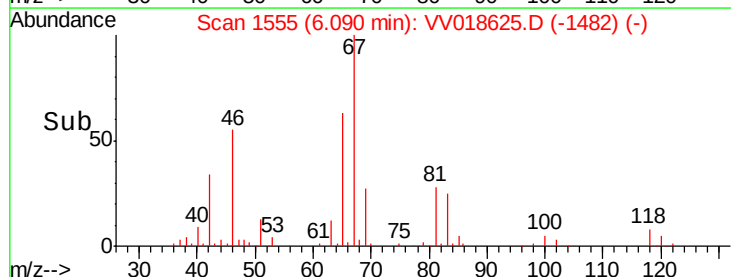
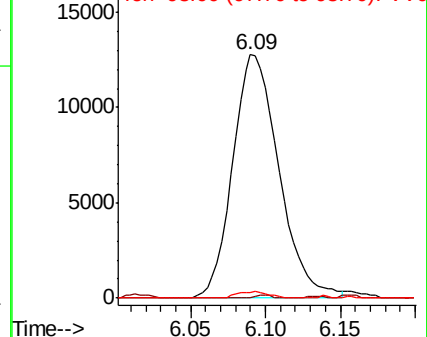
98 1.7 40.2 60.4#

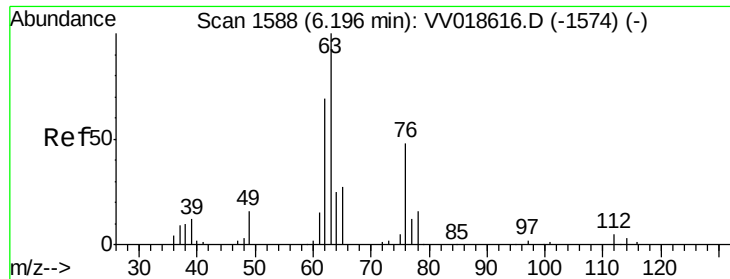


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

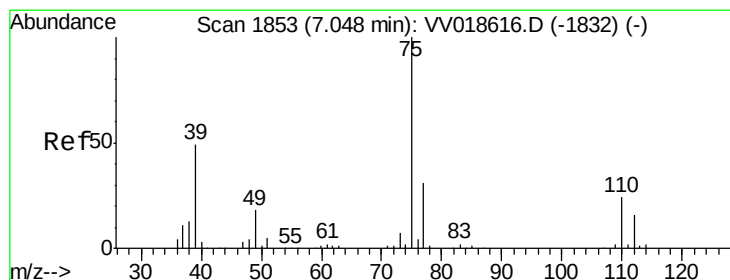
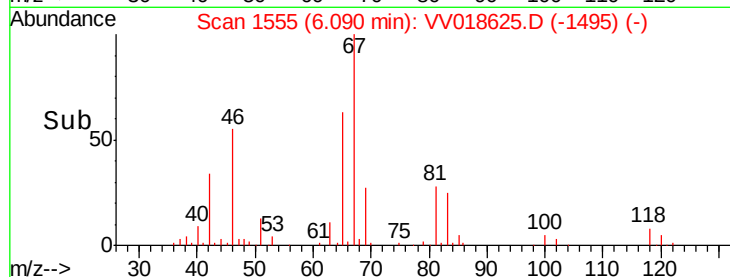
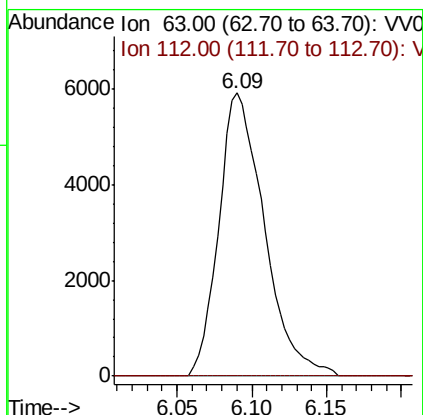
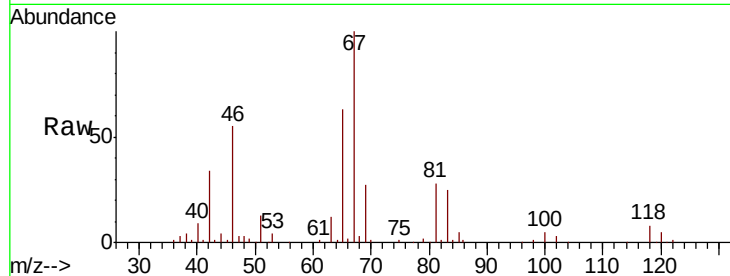




#37
 1,2-Dichloropropane
 Concen: 5.006 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018625.D
 Acq: 02 Oct 2020 15:01

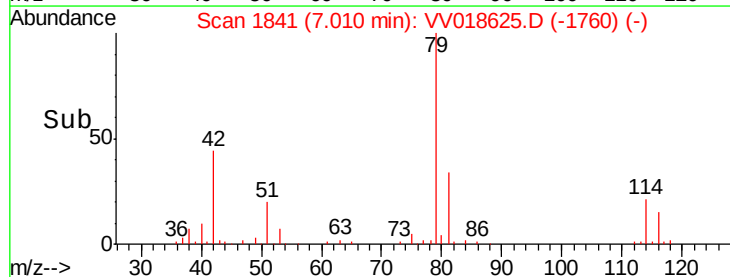
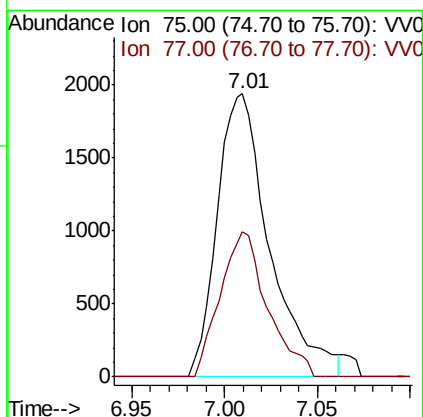
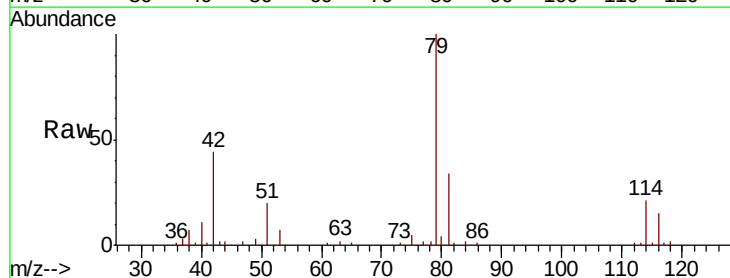
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0ME

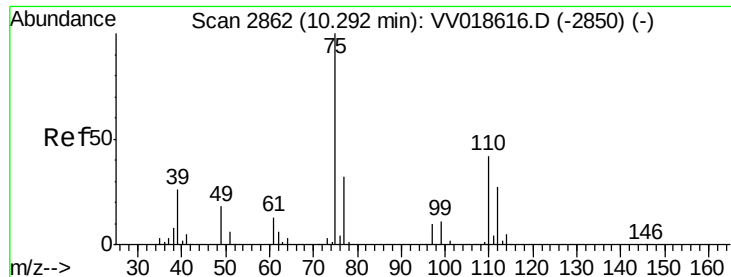
Tot Ion: 63 Resp: 12538
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.971 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018625.D
 Acq: 02 Oct 2020 15:01

Tgt Ion: 75 Resp: 3816
 Ion Ratio Lower Upper
 75 100
 77 51.4 23.0 42.6#





#59

1,2,3-Trichloropropane

Concen: 6.445 ug/L

RT: 11.28 min Scan# 3168

Delta R.T. 0.98 min

Lab File: VV018625.D

Acq: 02 Oct 2020 15:01

Instrument :

MSVOA_V

ClientSampled :

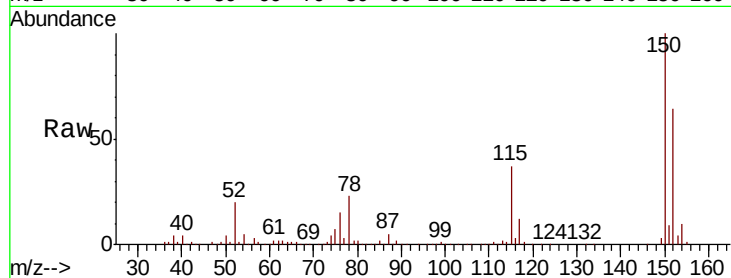
BG3Y0ME

Tot Ion: 75 Resp: 19632

Ion Ratio Lower Upper

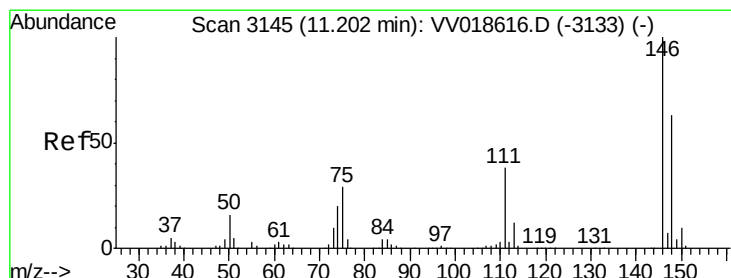
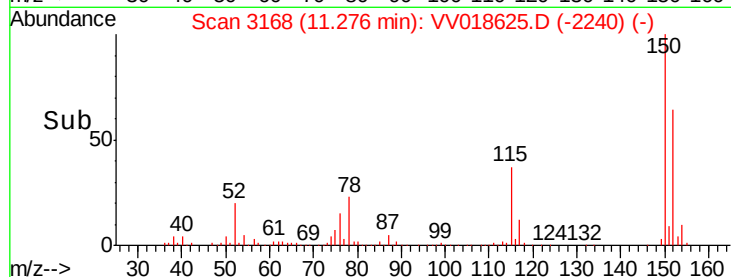
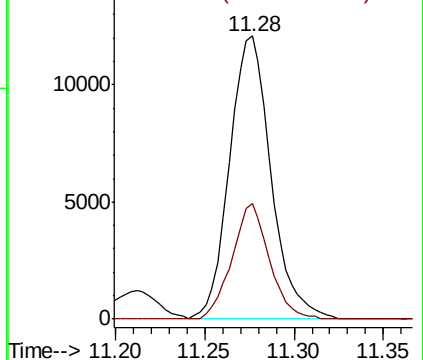
75 100

77 36.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV018616.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018616.D (-2850) (-)



#62

1,3-Dichlorobenzene

Concen: 1.276 ug/L

RT: 11.21 min Scan# 3148

Delta R.T. 0.01 min

Lab File: VV018625.D

Acq: 02 Oct 2020 15:01

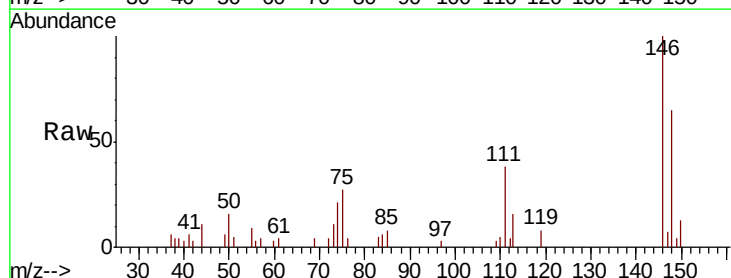
Tgt Ion: 146 Resp: 7056

Ion Ratio Lower Upper

146 100

111 37.7 26.8 49.8

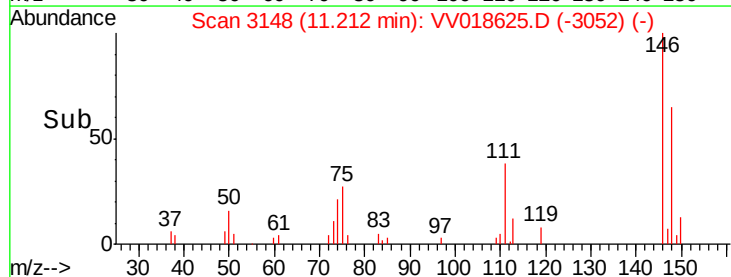
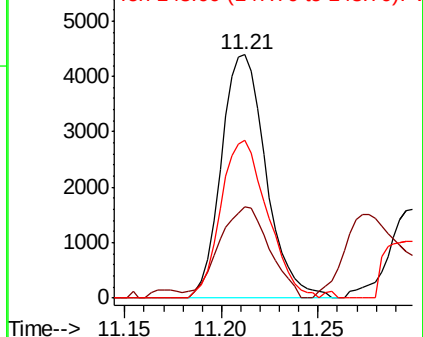
148 64.9 44.0 81.8

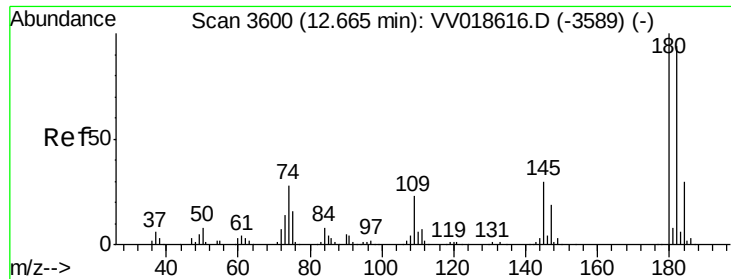


Abundance Ion 146.00 (145.70 to 146.70): VV018616.D (-3133) (-)

Ion 111.00 (110.70 to 111.70): VV018616.D (-3133) (-)

Ion 148.00 (147.70 to 148.70): VV018616.D (-3133) (-)

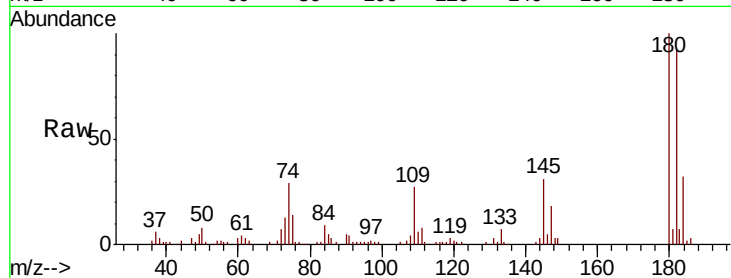




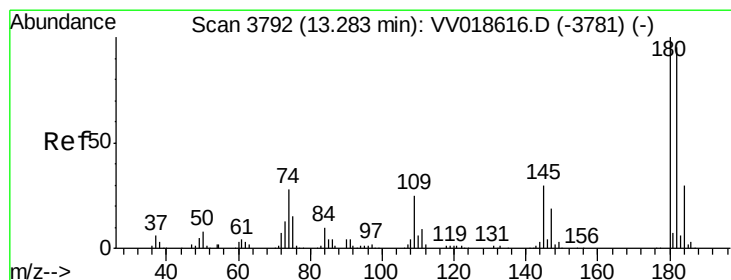
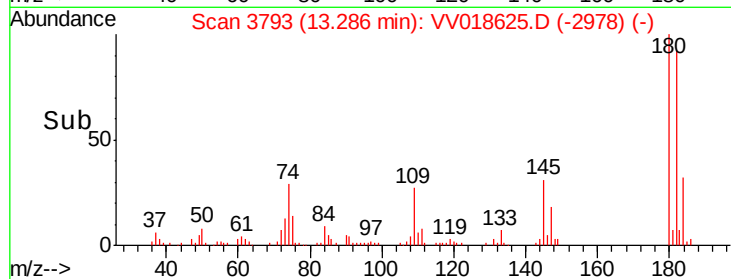
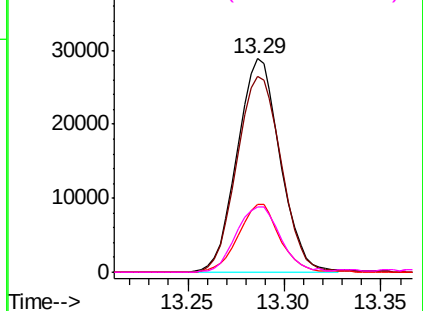
#67
 1,3,5-Trichlorobenzene
 Concen: 11.682 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV018625.D
 Acq: 02 Oct 2020 15:01

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0ME

Tot Ion:180 Resp: 44734
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 184 30.8 24.3 36.5
 145 31.8 22.9 34.3

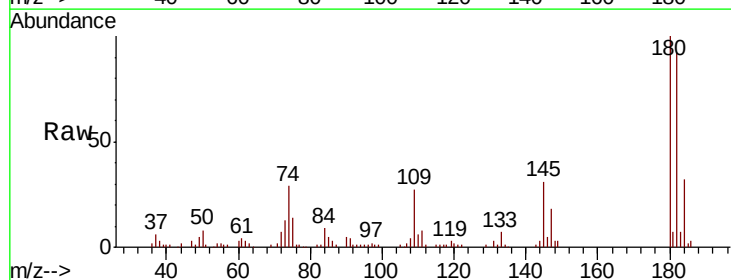


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 12.554 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018625.D
 Acq: 02 Oct 2020 15:01

Tgt Ion:180 Resp: 44734
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.3 114.5
 145 31.8 23.6 35.4



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

