

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\
 Data File : VV019376.D
 Acq On : 13 Nov 2020 14:31
 Operator : SY/MD
 Sample : L4711-23
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BF5

Quant Time: Nov 16 15:01:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 13:41:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	215156	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74448	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	64564	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.12	63	119860	35.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.84%
21) 2-Butanone-d5	3.91	46	78903	94.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	4.38	84	139574	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
26) 1,2-Dichloroethane-d4	5.05	65	98981	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.07	84	254535	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
36) 1,2-Dichloropropane-d6	6.09	67	73212	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.34	98	240936	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%
43) trans-1,3-Dichloropropene-	7.64	79	42672	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.11	63	47184	81.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	88864	42.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	112951	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

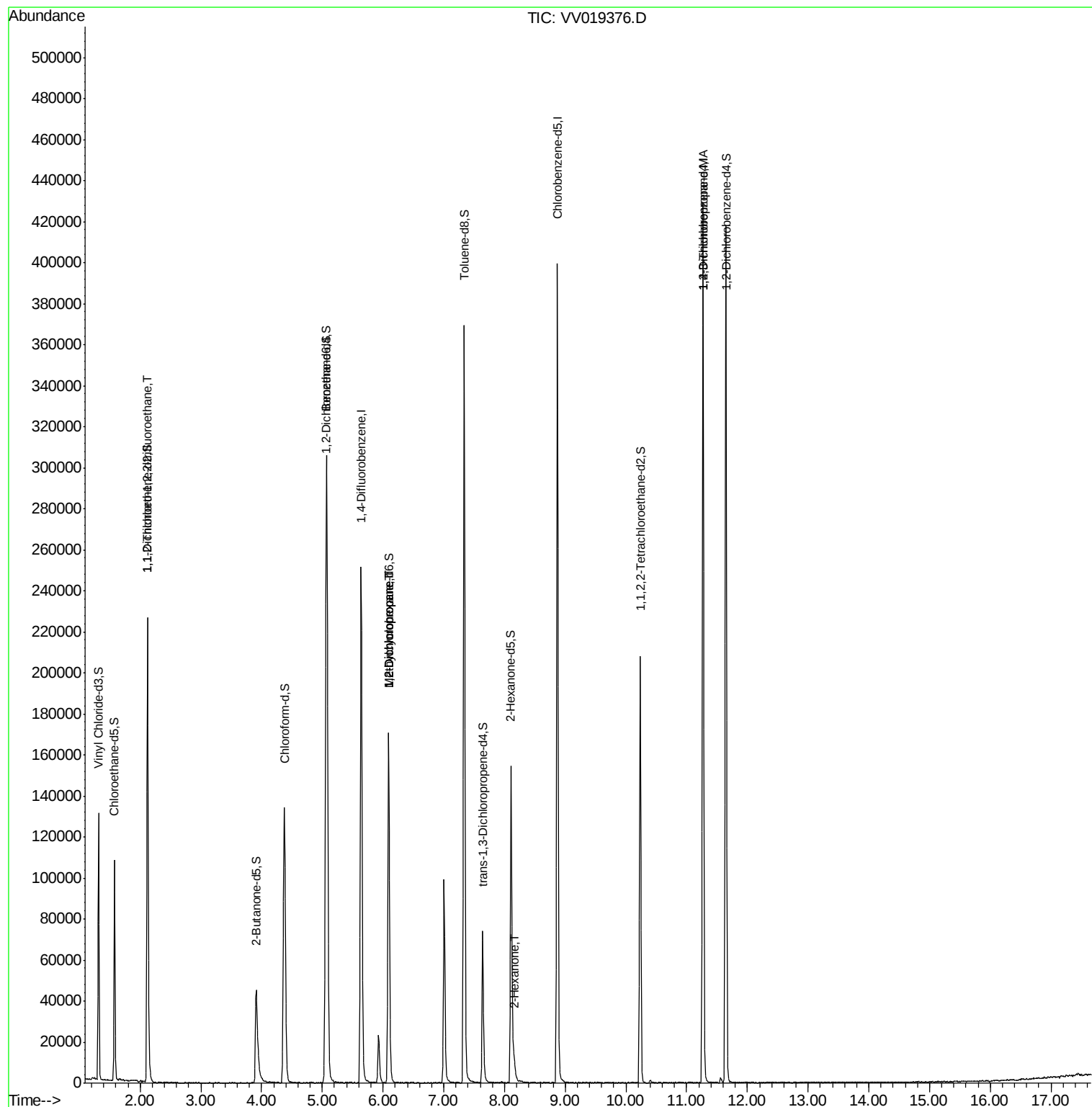
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1221	0.859 ug/L #	15
35) Methylcyclohexane	6.09	83	21151	10.412 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	9682	7.309 ug/L #	83
48) 2-Hexanone	8.16	43	4655	3.554 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	10870	6.009 ug/L	91

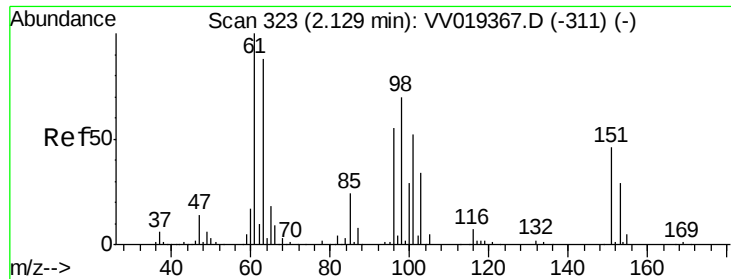
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.859 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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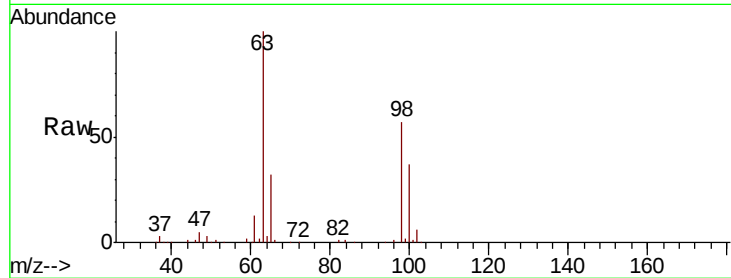
Tot Ion:101 Resp: 1221

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

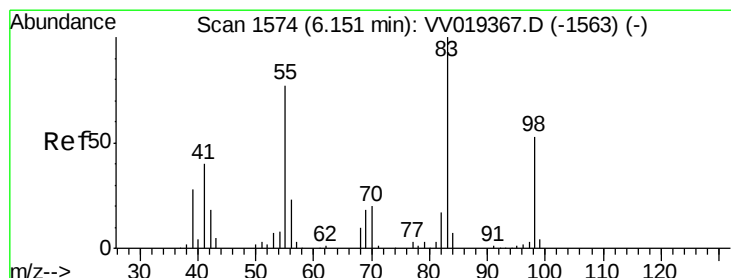
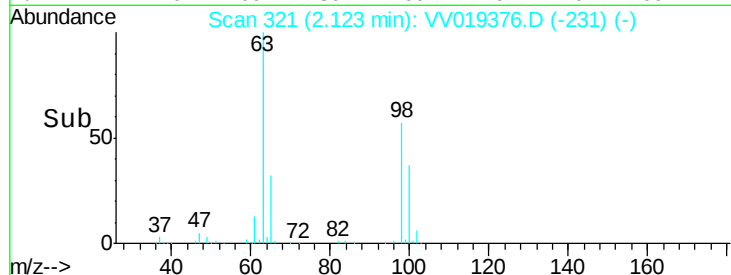
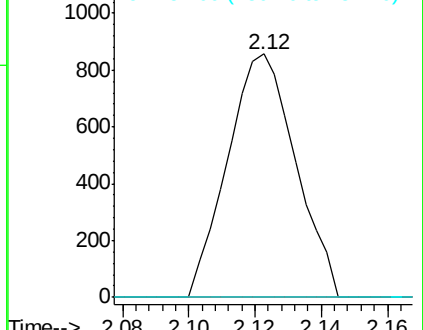
151 0.0 69.2 103.8#



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: 10.412 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019376.D

Acq: 13 Nov 2020 14:31

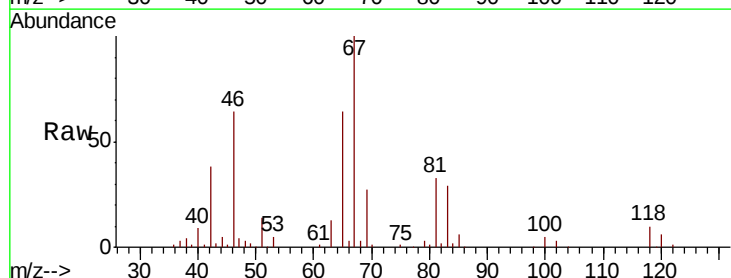
Tgt Ion: 83 Resp: 21151

Ion Ratio Lower Upper

83 100

55 0.0 58.6 88.0#

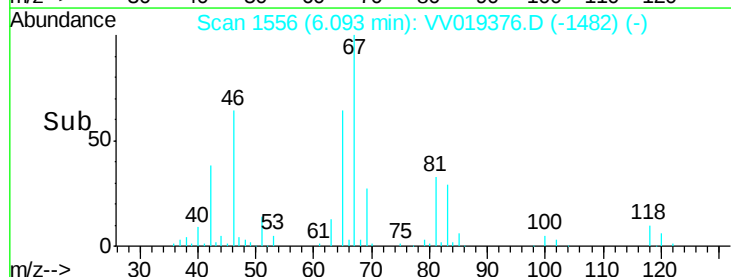
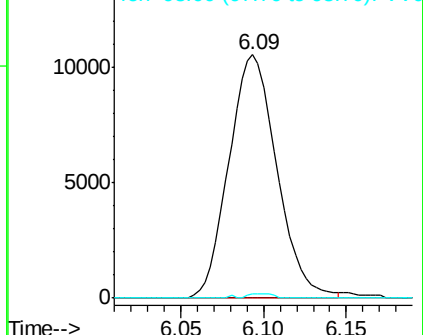
98 0.9 41.4 62.0#

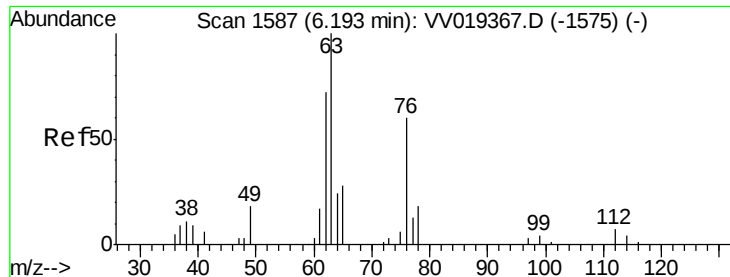


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 7.309 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

Lab File: VV019376.D

Acq: 13 Nov 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

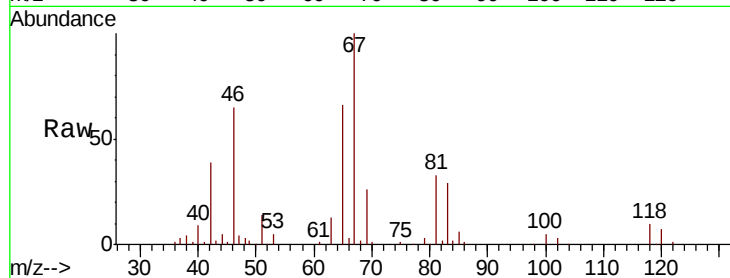
C0BF5

Tot Ion: 63 Resp: 9682

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV019367.D (-1575) (-)

Ion 112.00 (111.70 to 112.70): VV019367.D (-1575) (-)

6.09

5000

4000

3000

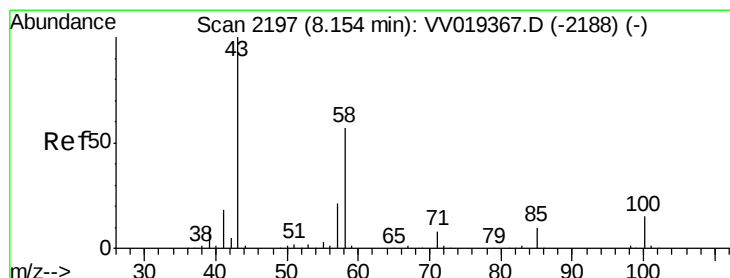
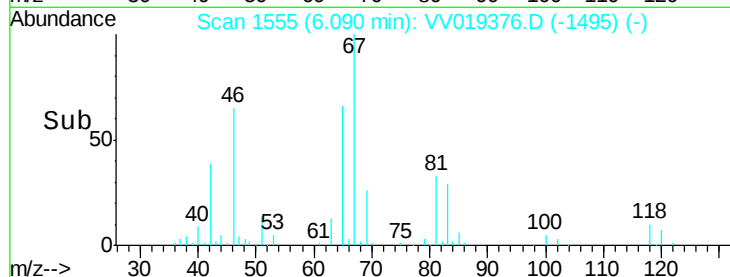
2000

1000

0

Time-->

6.05 6.10 6.15



#48

2-Hexanone

Concen: 3.554 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019376.D

Acq: 13 Nov 2020 14:31

Tgt Ion: 43 Resp: 4655

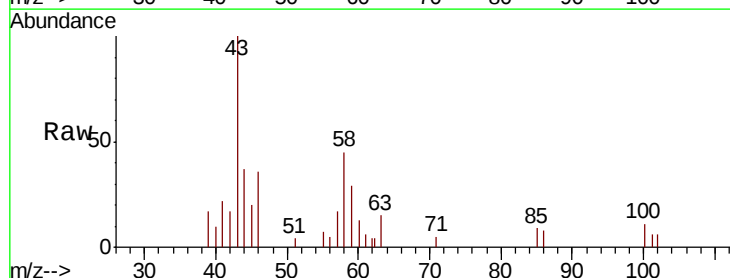
Ion Ratio Lower Upper

43 100

58 52.3 43.6 65.4

57 7.5 17.2 25.8#

100 7.8 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV019367.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV019367.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV019367.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV019367.D (-2188) (-)

5000

4000

3000

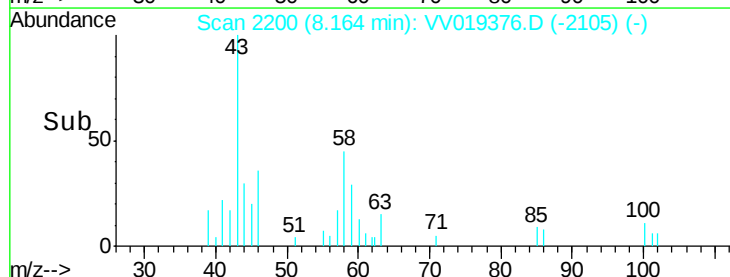
2000

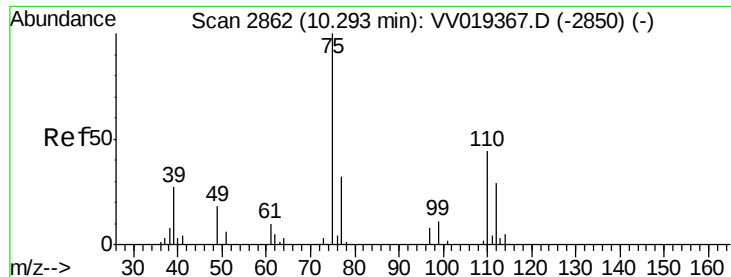
1000

0

Time-->

8.15 8.20





#59

1,2,3-Trichloropropane

Concen: 6.009 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019376.D

Acq: 13 Nov 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

C0BF5

Tot Ion: 75 Resp: 10870

Ion Ratio Lower Upper

75 100

77 36.1 25.0 37.4

