

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018503.D
 Acq On : 28 Sep 2020 19:06
 Operator : SY/MD
 Sample : L4117-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AD3

Quant Time: Sep 29 00:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	325055	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90494	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.32%
7) Chloroethane-d5	1.58	69	81361	37.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.06%
11) 1,1-Dichloroethene-d2	2.12	63	134159	27.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.22%#
21) 2-Butanone-d5	3.91	46	153871	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.38	84	190651	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	5.06	65	126891	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
32) Benzene-d6	5.08	84	384090	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
36) 1,2-Dichloropropane-d6	6.09	67	127202	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.50%
41) Toluene-d8	7.34	98	342499	41.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.08%
43) trans-1,3-Dichloropropene-	7.64	79	60591	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.11	63	92823	85.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.24%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	160481	44.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	150844	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%

Target Compounds

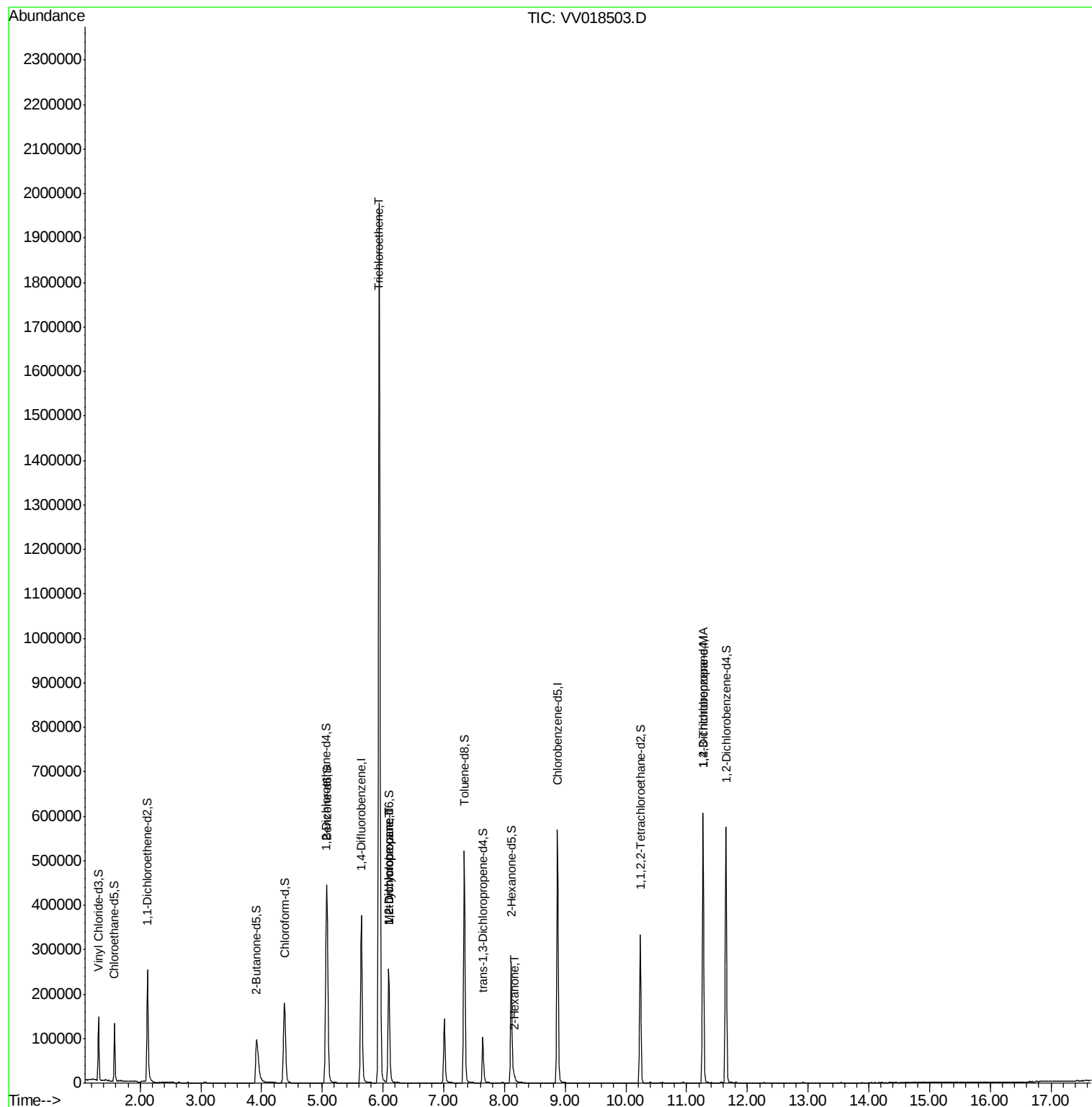
					Ovalue
34) Trichloroethene	5.94	95	690655	280.584	ug/L 99
35) Methylcyclohexane	6.10	83	30003	8.095	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	13474	5.627	ug/L # 87
48) 2-Hexanone	8.17	43	6910	3.017	ug/L # 88
59) 1,2,3-Trichloropropane	11.27	75	17429	6.189	ug/L 91

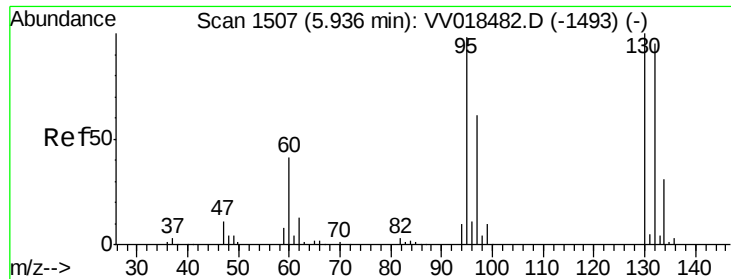
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration

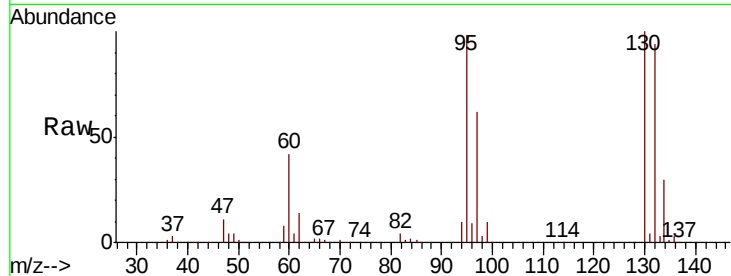




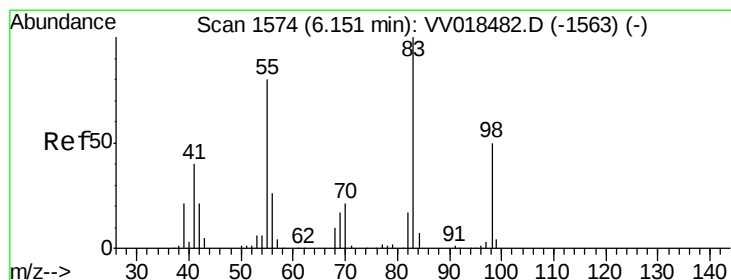
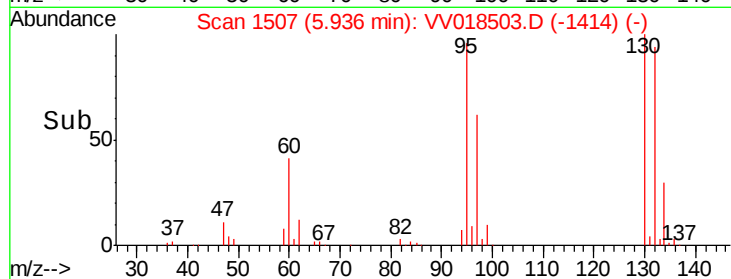
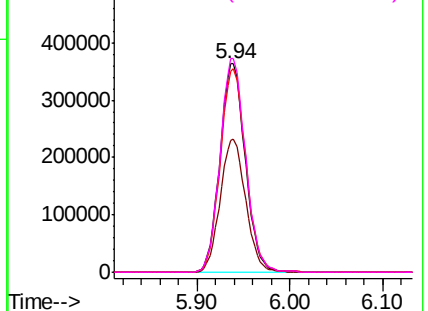
#34
 Trichloroethene
 Concen: 280.584 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018503.D
 Acq: 28 Sep 2020 19:06

Instrument :
 MSVOA_V
 ClientSampled :
 E0AD3

Tot Ion: 95 Resp: 690655
 Ion Ratio Lower Upper
 95 100
 97 63.5 46.3 85.9
 132 96.6 68.1 126.5
 130 102.4 71.5 132.9

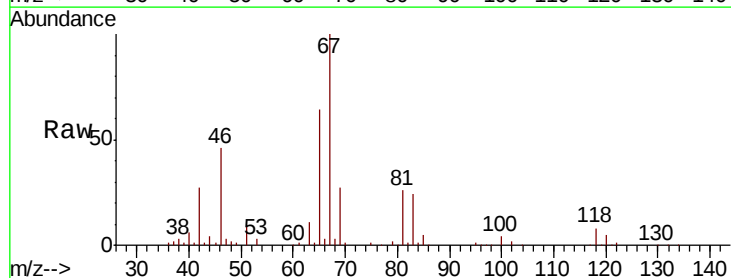


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

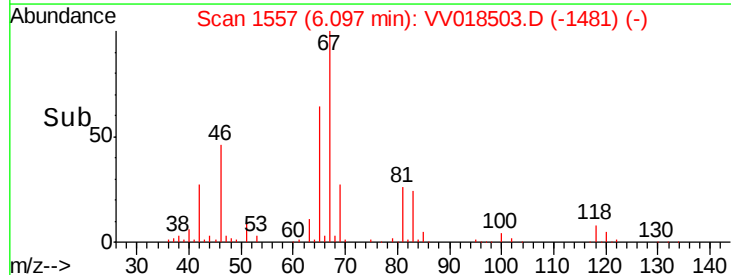
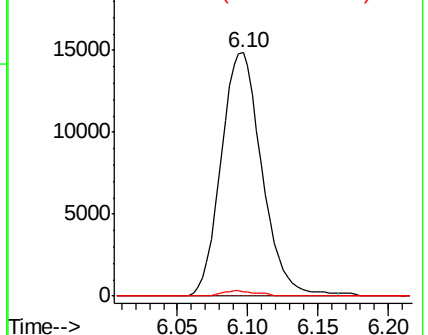


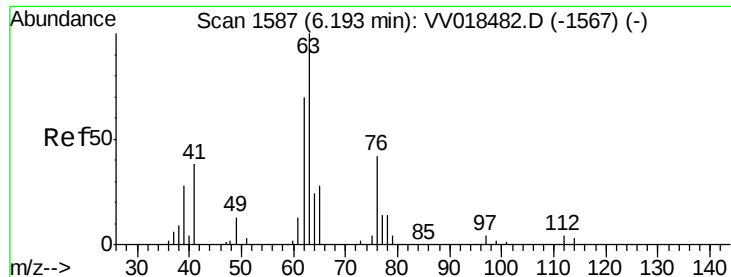
#35
 Methylcyclohexane
 Concen: 8.095 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV018503.D
 Acq: 28 Sep 2020 19:06

Tgt Ion: 83 Resp: 30003
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.4 95.2#
 98 1.8 38.8 58.2#



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: 5.627 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018503.D

Acq: 28 Sep 2020 19:06

Instrument :

MSVOA_V

ClientSampleId :

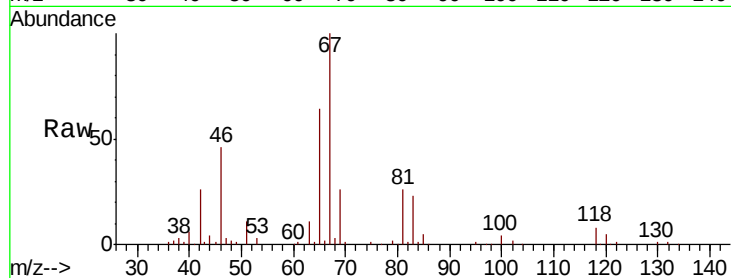
E0AD3

Tot Ion: 63 Resp: 13474

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018482.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VV018482.D (-1567) (-)

6.09

8000

6000

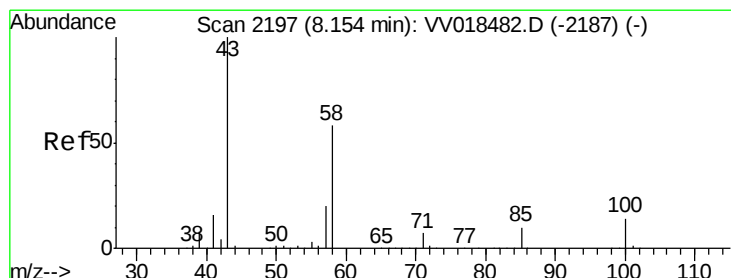
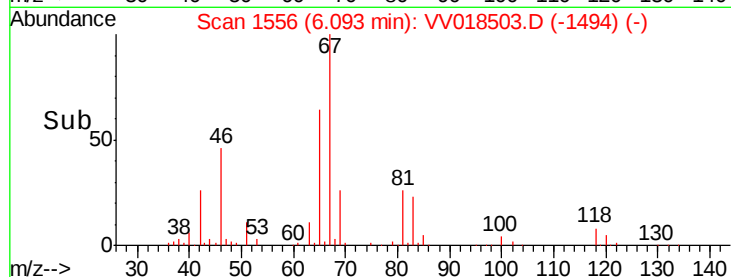
4000

2000

0

6.05 6.10 6.15

Time-->



#48

2-Hexanone

Concen: 3.017 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018503.D

Acq: 28 Sep 2020 19:06

Tgt Ion: 43 Resp: 6910

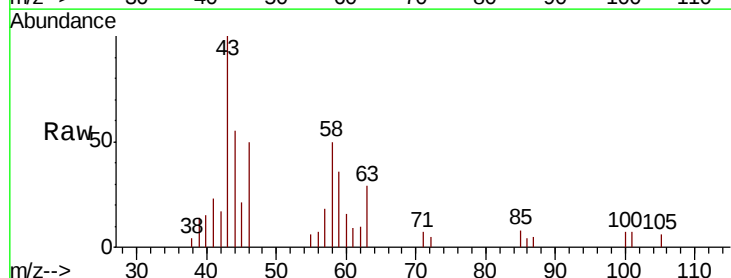
Ion Ratio Lower Upper

43 100

58 47.8 44.8 67.2

57 16.8 15.8 23.6

100 2.5 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018482.D (-2187) (-)

Ion 58.00 (57.70 to 58.70): VV018482.D (-2187) (-)

Ion 57.00 (56.70 to 57.70): VV018482.D (-2187) (-)

Ion 100.00 (99.70 to 100.70): VV018482.D (-2187) (-)

8000

6000

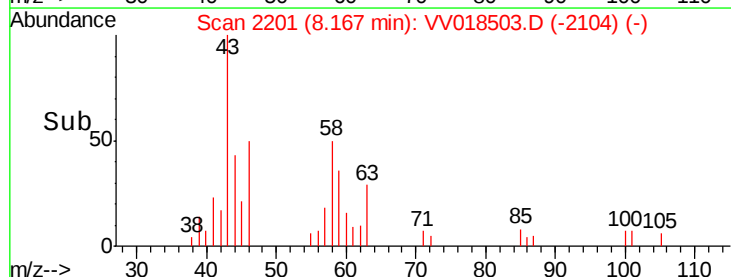
4000

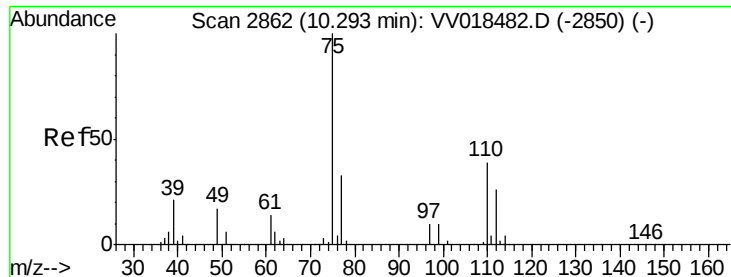
2000

0

8.10 8.15 8.20 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.189 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018503.D

Acq: 28 Sep 2020 19:06

Instrument :

MSVOA_V

ClientSampleId :

E0AD3

Tot Ion: 75 Resp: 17429

Ion Ratio Lower Upper

75 100

77 37.3 25.8 38.6

