

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019036.D
 Acq On : 21 Oct 2020 01:52
 Operator : SY/MD
 Sample : L4430-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:05:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289134	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118012	49.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.18%
7) Chloroethane-d5	1.58	69	99353	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.38%
11) 1,1-Dichloroethene-d2	2.12	63	166710	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
21) 2-Butanone-d5	3.91	46	168849	101.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.37	84	214991	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	5.06	65	152400	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.07	84	424033	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
36) 1,2-Dichloropropane-d6	6.09	67	141668	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.24%
41) Toluene-d8	7.34	98	353120	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%
43) trans-1,3-Dichloropropene-	7.64	79	60449	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.62%
47) 2-Hexanone-d5	8.11	63	88968	90.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.65%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	145751	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	138282	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%

Target Compounds

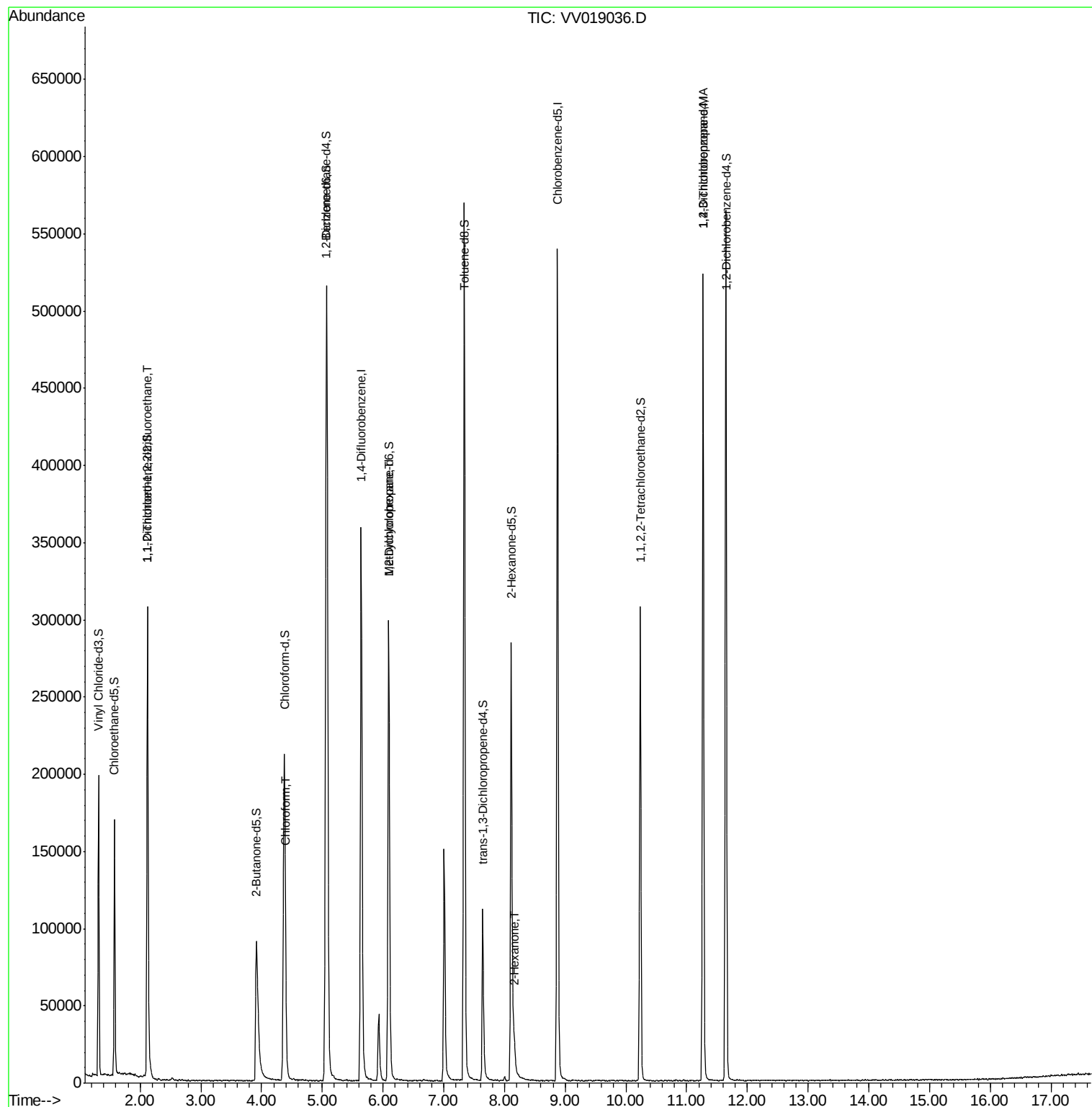
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1507	0.803 ug/L #	20
25) Chloroform	4.40	83	4947	1.198 ug/L	85
35) Methylcyclohexane	6.09	83	32148	10.608 ug/L #	17
48) 2-Hexanone	8.16	43	12327	4.854 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	15616	5.554 ug/L #	88

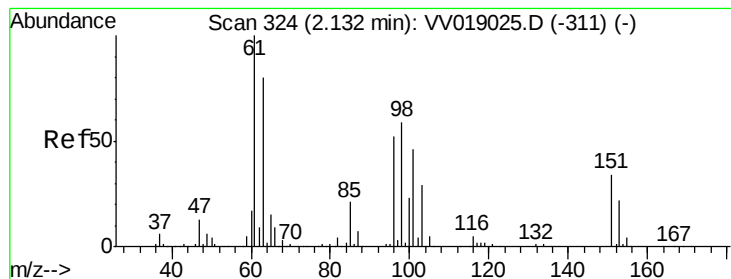
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 07:57:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.803 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019036.D

Acq: 21 Oct 2020 01:52

Instrument :

MSVOA_V

ClientSampled :

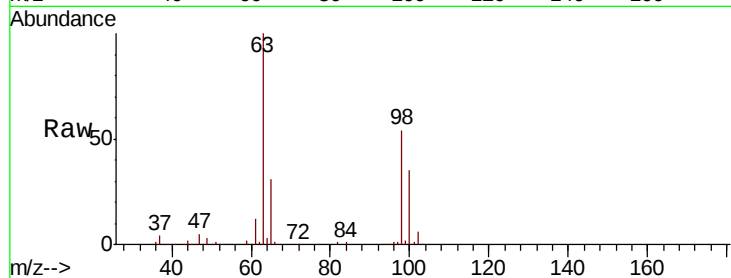
Tot Ion:101 Resp: 1507

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

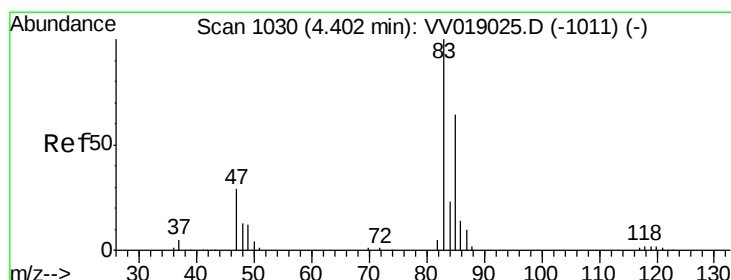
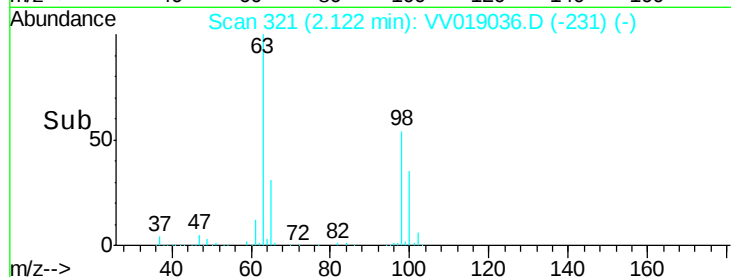
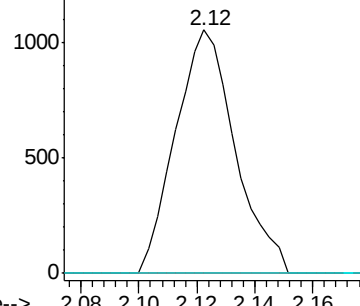
151 0.0 59.7 89.5#



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



#25

Chloroform

Concen: 1.198 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV019036.D

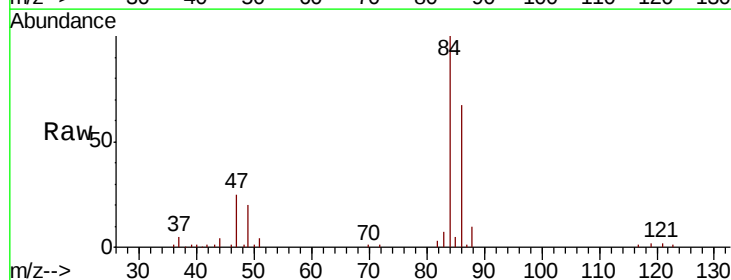
Acq: 21 Oct 2020 01:52

Tgt Ion: 83 Resp: 4947

Ion Ratio Lower Upper

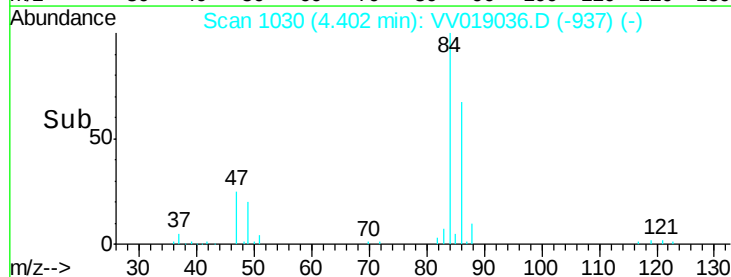
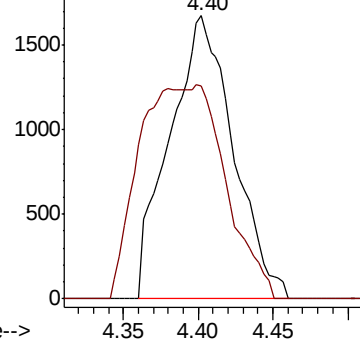
83 100

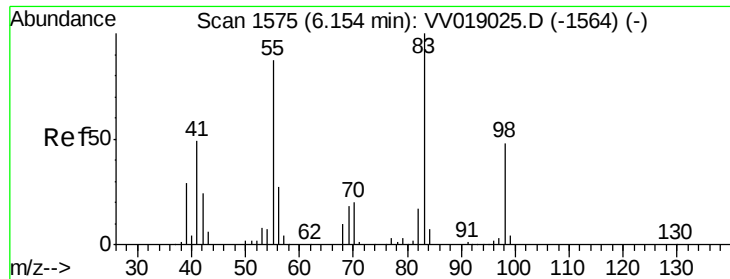
85 75.3 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

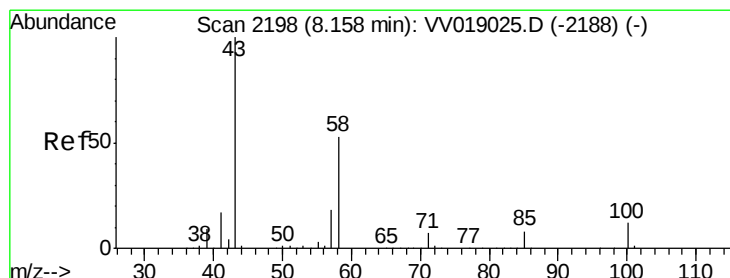
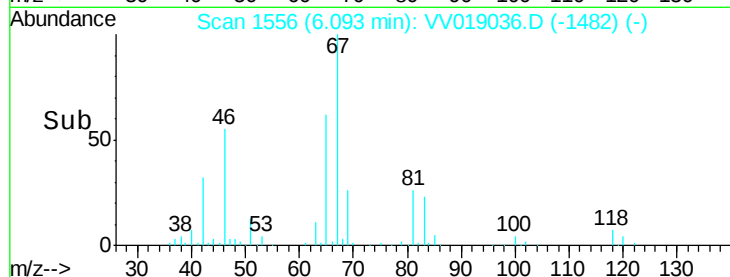
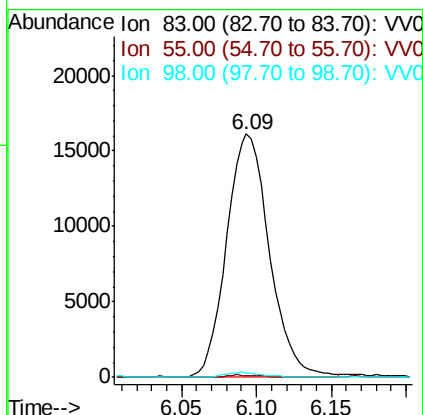
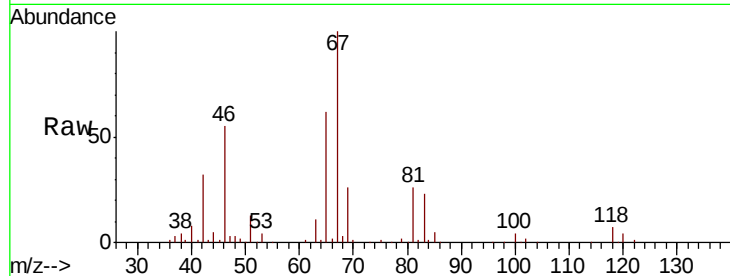




#35
Methylcyclohexane
Concen: 10.608 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019036.D
Acq: 21 Oct 2020 01:52

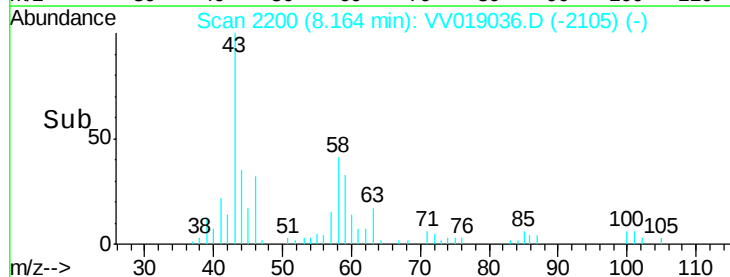
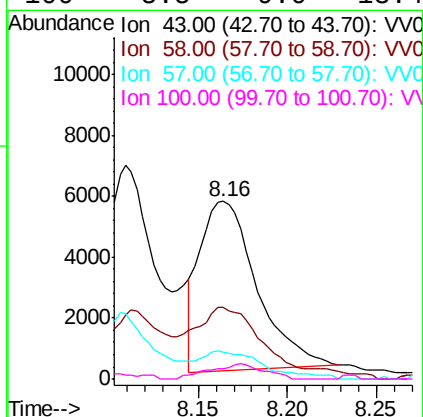
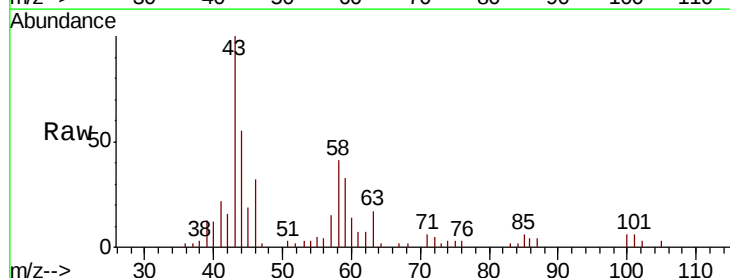
Instrument :
MSVOA_V
ClientSampleId :

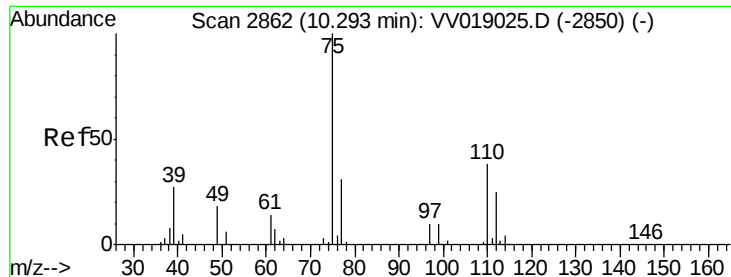
Tot Ion: 83 Resp: 32148
Ion Ratio Lower Upper
83 100
55 0.6 67.3 100.9#
98 1.8 37.9 56.9#



#48
2-Hexanone
Concen: 4.854 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV019036.D
Acq: 21 Oct 2020 01:52

Tgt Ion: 43 Resp: 12327
Ion Ratio Lower Upper
43 100
58 33.2 42.5 63.7#
57 14.0 14.5 21.7#
100 5.5 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.554 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019036.D

Acq: 21 Oct 2020 01:52

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15616

Ion Ratio Lower Upper

75 100

77 38.4 25.4 38.2#

