

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019103.D
 Acq On : 23 Oct 2020 19:41
 Operator : SY/MD
 Sample : L4499-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267798	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101197	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	86426	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.12	63	161847	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.04%
21) 2-Butanone-d5	3.92	46	142213	86.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.92%
24) Chloroform-d	4.38	84	191053	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	136709	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.07	84	372243	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.09	67	118401	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.12%
41) Toluene-d8	7.34	98	333876	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.64	79	59565	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
47) 2-Hexanone-d5	8.11	63	100214	87.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.71%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	149754	42.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	133618	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

Target Compounds

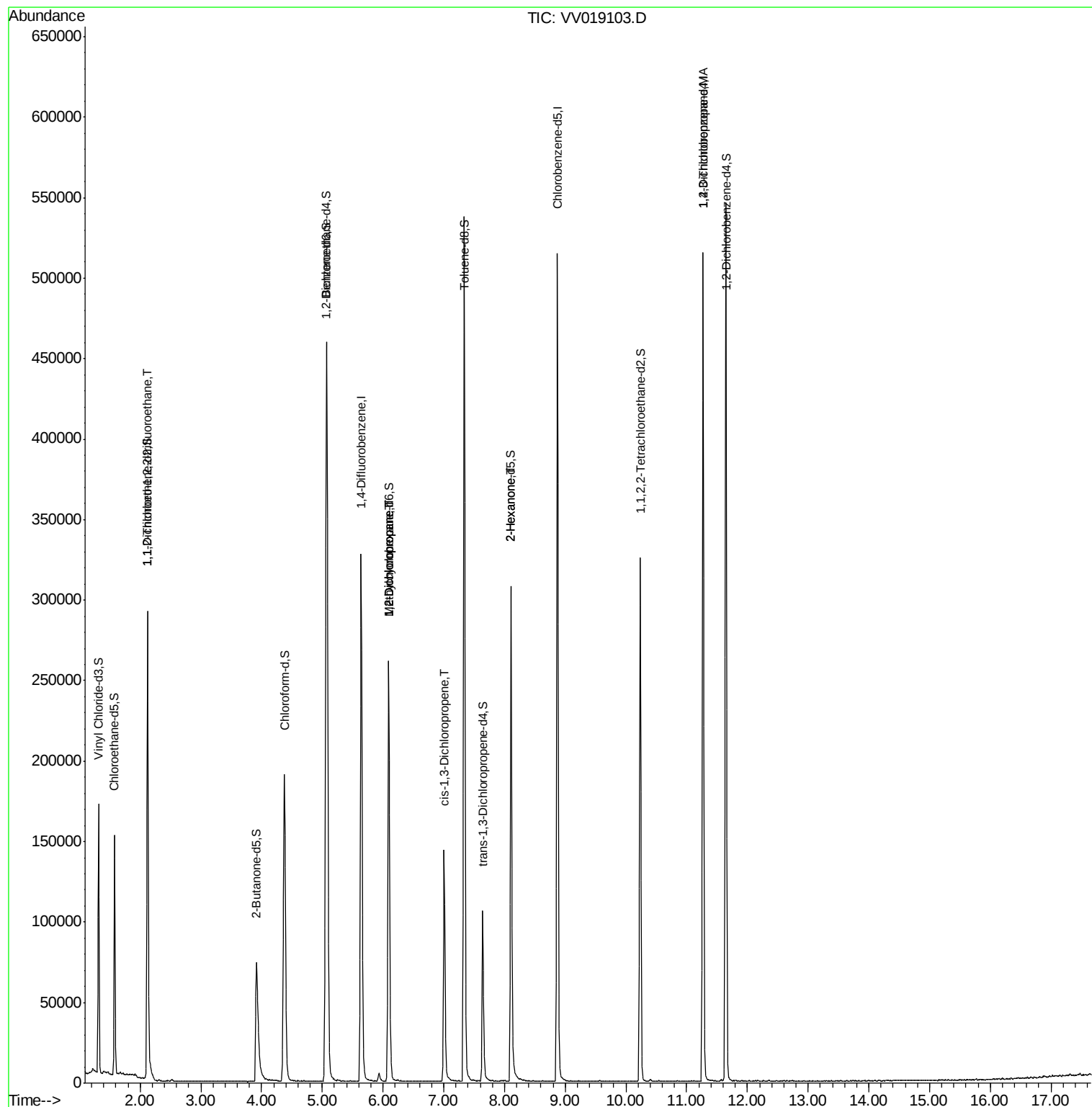
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1289	0.721 ug/L #	20
35) Methylcyclohexane	6.09	83	29148	10.384 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	14716	6.584 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	4102	1.242 ug/L #	80
48) 2-Hexanone	8.11	43	13175	5.662 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	14924	5.710 ug/L	91

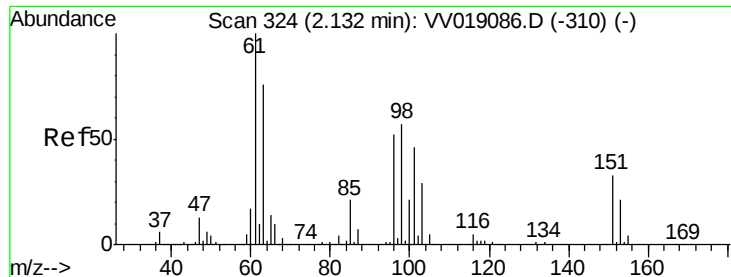
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.721 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019103.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_V

ClientSampleId :

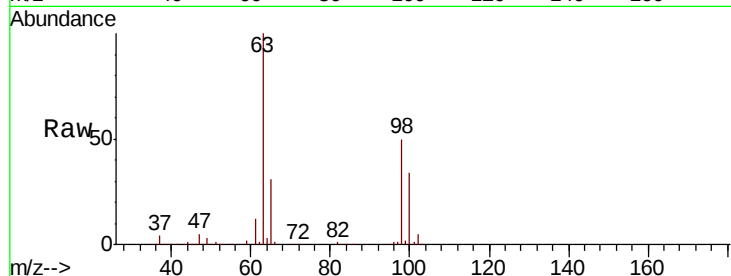
Tot Ion:101 Resp: 1289

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

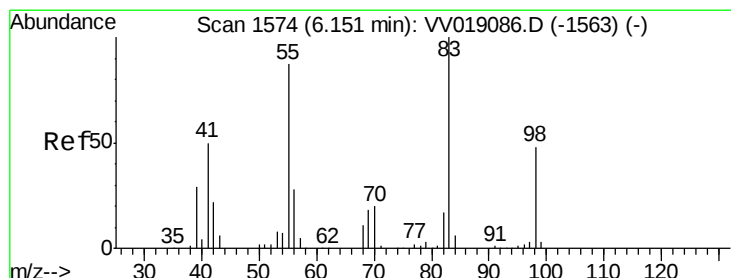
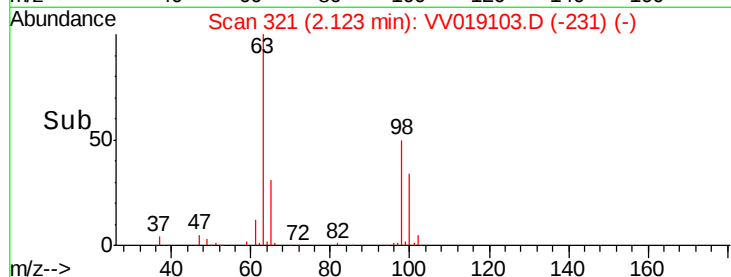
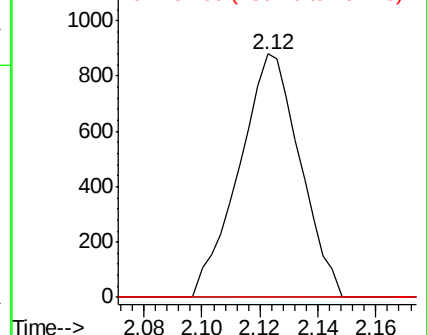
151 0.0 58.2 87.2#



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: 10.384 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019103.D

Acq: 23 Oct 2020 19:41

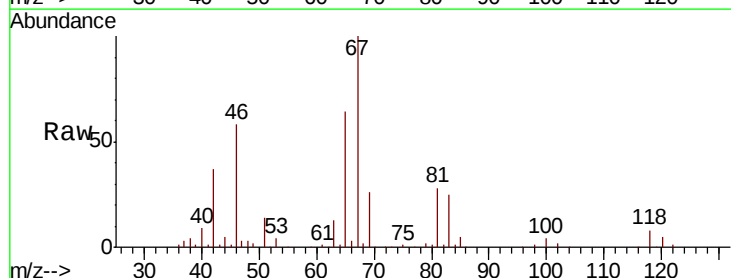
Tgt Ion: 83 Resp: 29148

Ion Ratio Lower Upper

83 100

55 0.6 68.1 102.1#

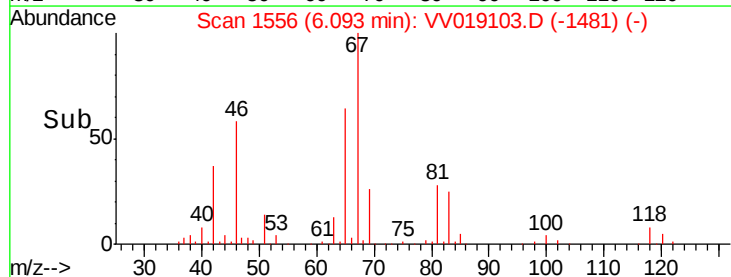
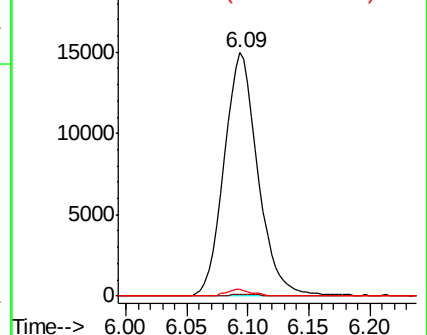
98 2.1 37.9 56.9#

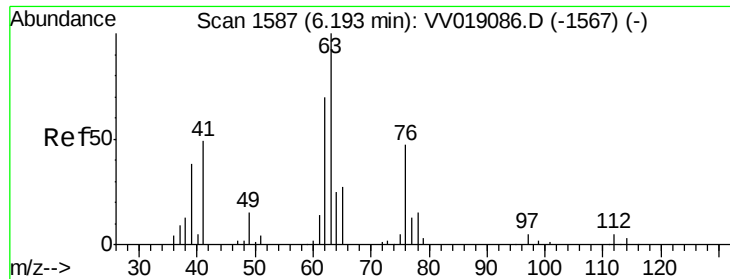


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

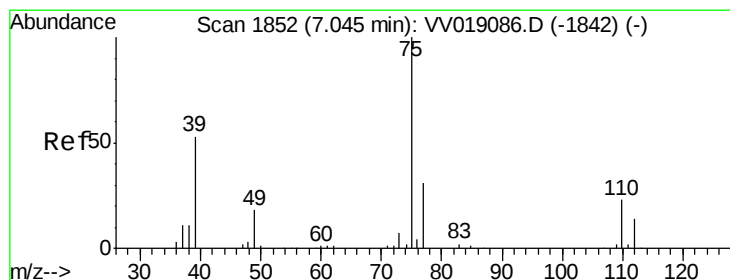
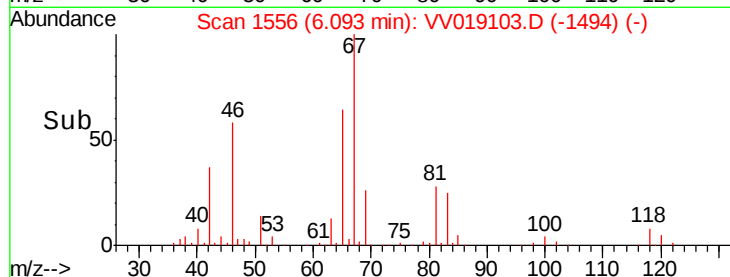
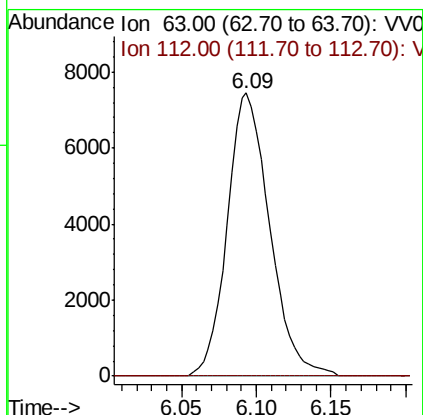
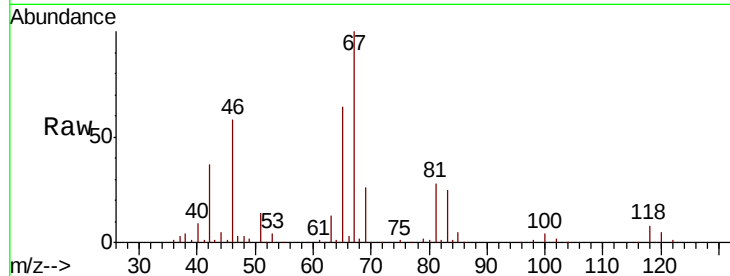




#37
 1,2-Dichloropropane
 Concen: 6.584 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019103.D
 Acq: 23 Oct 2020 19:41

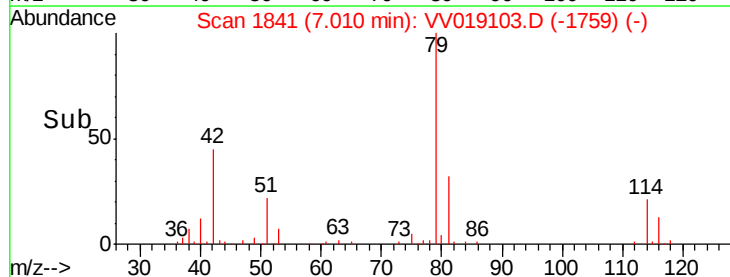
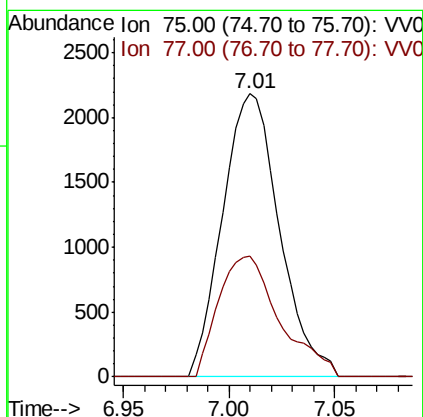
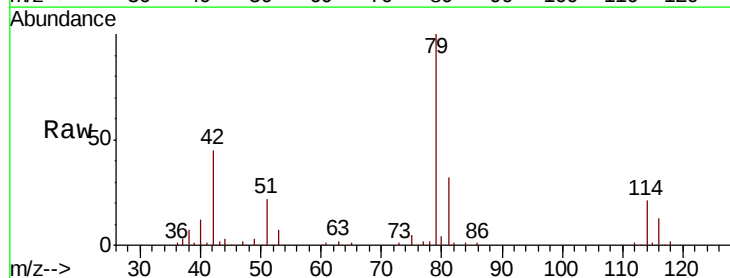
Instrument :
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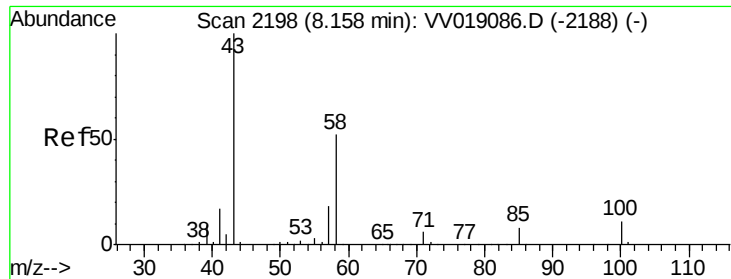
Tot Ion: 63 Resp: 14716
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.242 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019103.D
 Acq: 23 Oct 2020 19:41

Tgt Ion: 75 Resp: 4102
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.1 41.1#

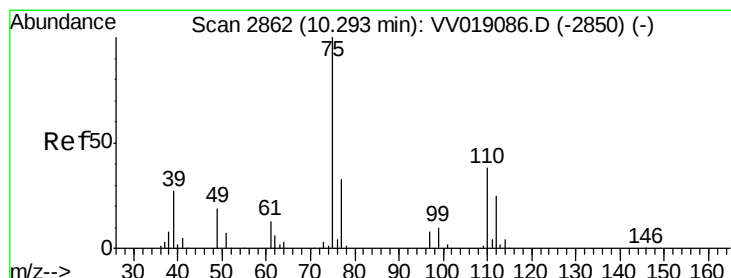
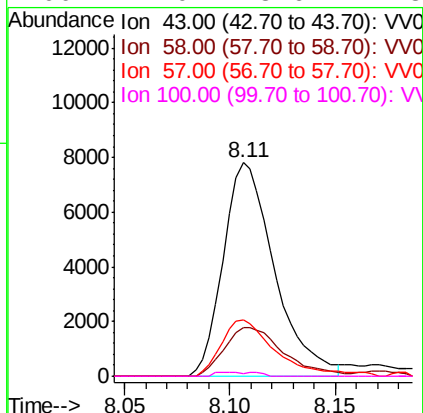
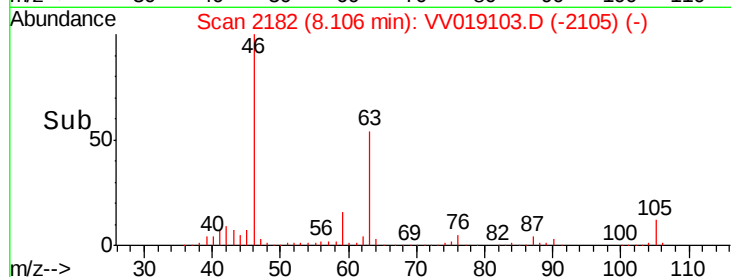
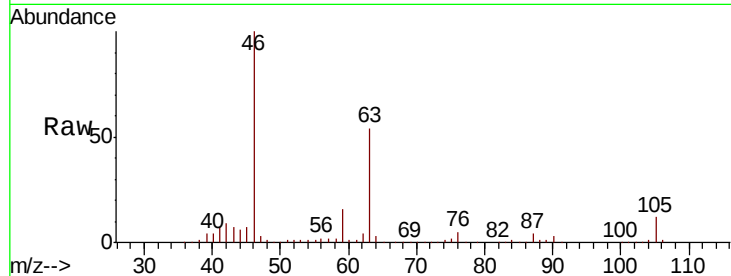




#48
2-Hexanone
Concen: 5.662 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019103.D
Acq: 23 Oct 2020 19:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 13175
Ion Ratio Lower Upper
43 100
58 26.1 41.1 61.7#
57 28.1 14.7 22.1#
100 1.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 5.710 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019103.D
Acq: 23 Oct 2020 19:41

Tgt Ion: 75 Resp: 14924
Ion Ratio Lower Upper
75 100
77 37.3 25.9 38.9

