

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018546.D
 Acq On : 30 Sep 2020 03:20
 Operator : SY/MD
 Sample : L4165-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: Sep 30 04:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367588	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181450	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94973	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.10%
7) Chloroethane-d5	1.58	69	91636	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.82%
11) 1,1-Dichloroethene-d2	2.12	63	153988	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	3.92	46	160041	99.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.52%
24) Chloroform-d	4.38	84	210388	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
26) 1,2-Dichloroethane-d4	5.06	65	141911	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.08	84	430607	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.09	67	133710	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.34	98	393789	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.64	79	64811	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.11	63	89389	85.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160548	44.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	174490	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

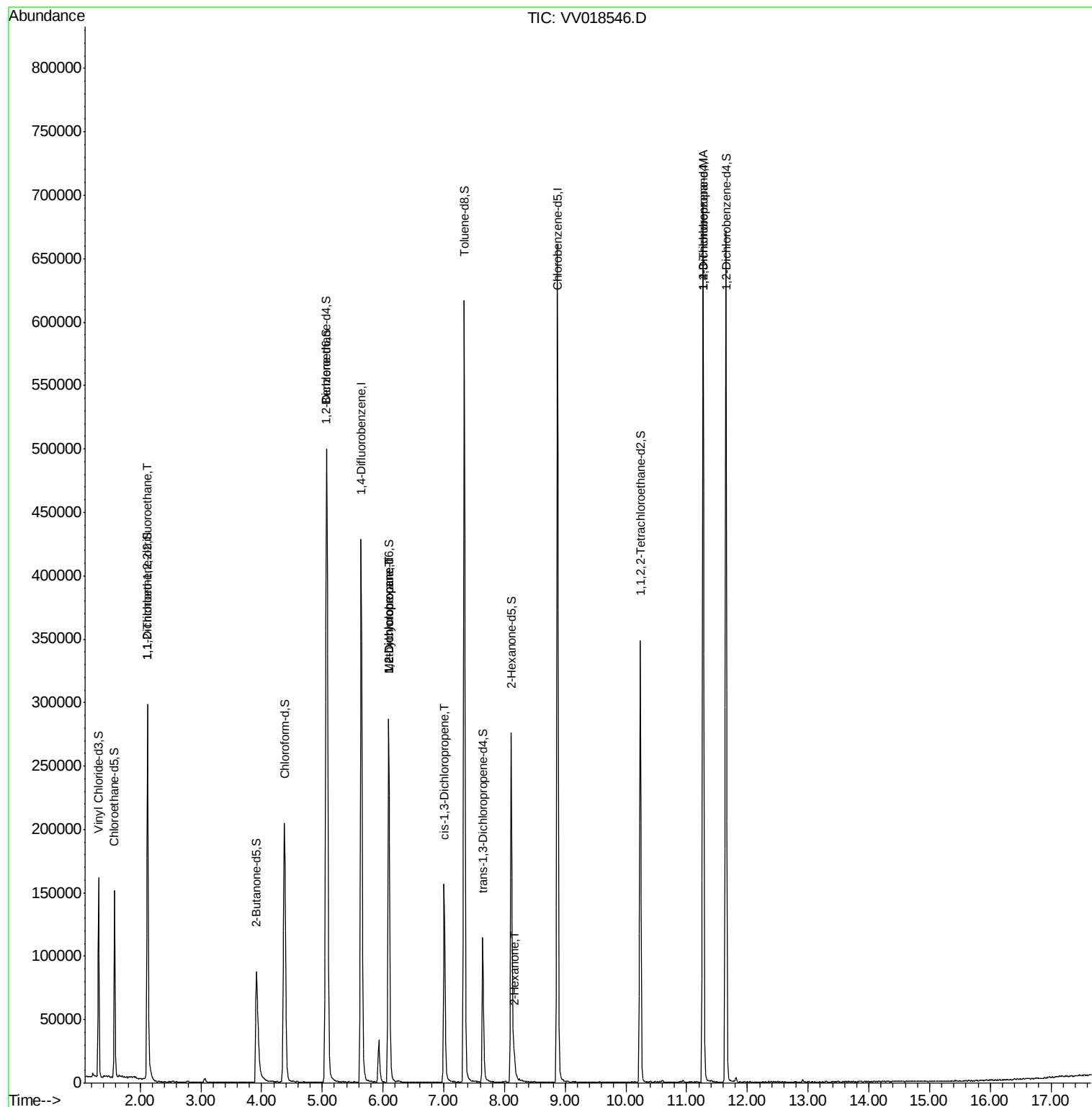
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1612	0.674 ug/L #	17
35) Methylcyclohexane	6.09	83	33191	8.045 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	15273	5.651 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3860	0.910 ug/L #	79
48) 2-Hexanone	8.17	43	9312	3.422 ug/L #	42
59) 1,2,3-Trichloropropane	11.27	75	20197	6.143 ug/L	92

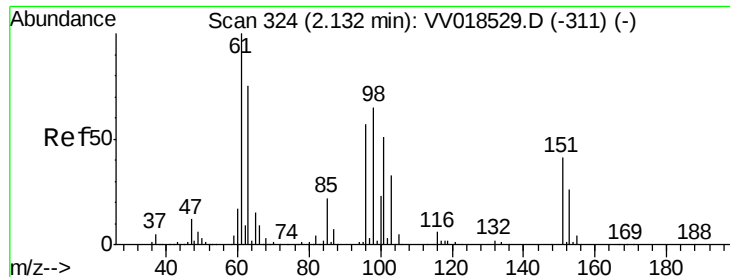
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 04:50:47 2020
Response via : Initial Calibration





#10

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

Concen: 0.674 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018546.D

Acq: 30 Sep 2020 03:20

Instrument :

MSVOA_V

ClientSampleId :

C0AA4

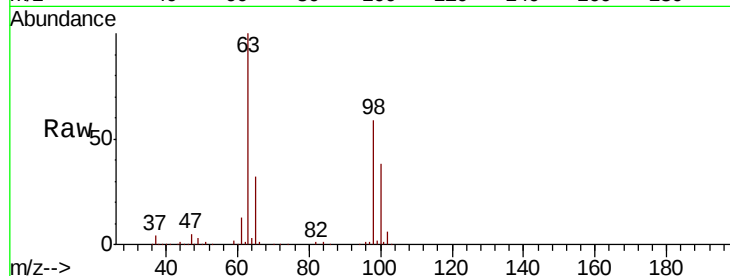
Tot Ion:101 Resp: 1612

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

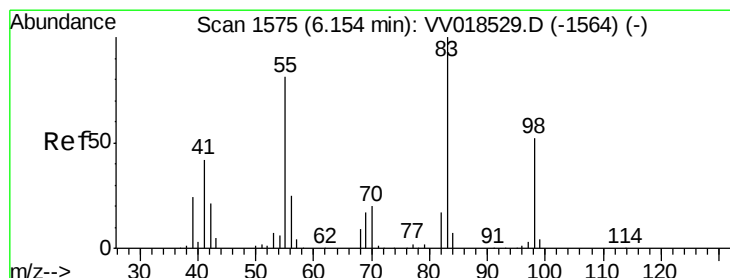
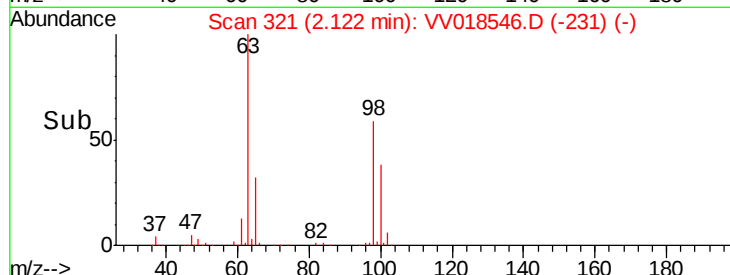
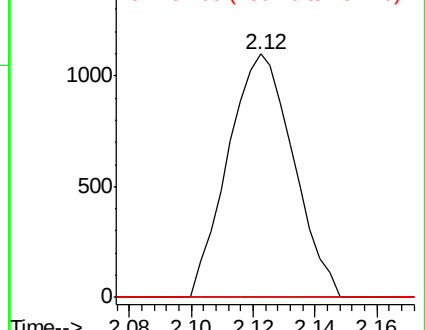
151 0.0 64.3 96.5#



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: 8.045 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018546.D

Acq: 30 Sep 2020 03:20

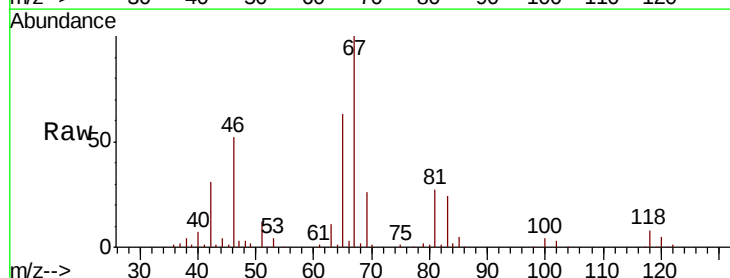
Tgt Ion: 83 Resp: 33191

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

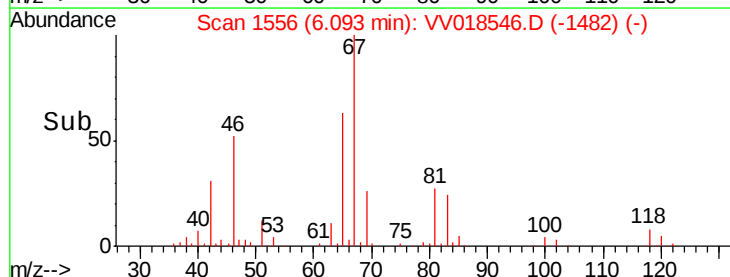
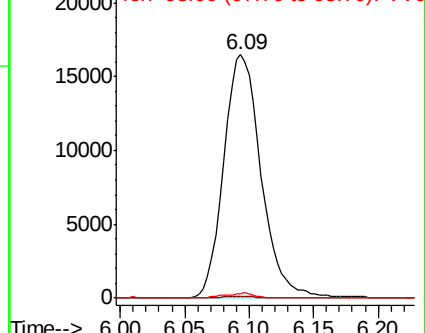
98 1.7 40.2 60.4#

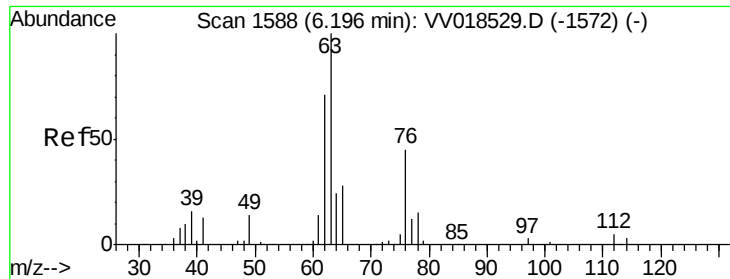


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

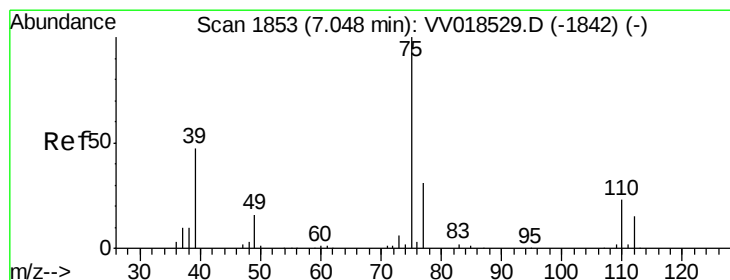
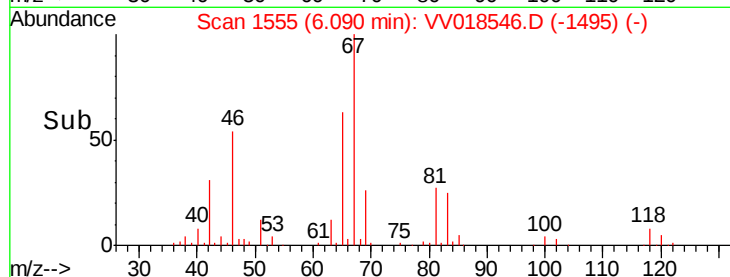
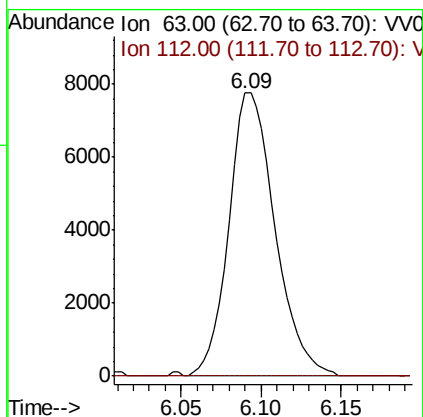
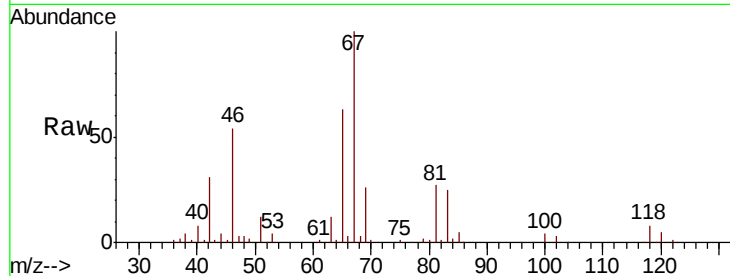




#37
 1,2-Dichloropropane
 Concen: 5.651 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018546.D
 Acq: 30 Sep 2020 03:20

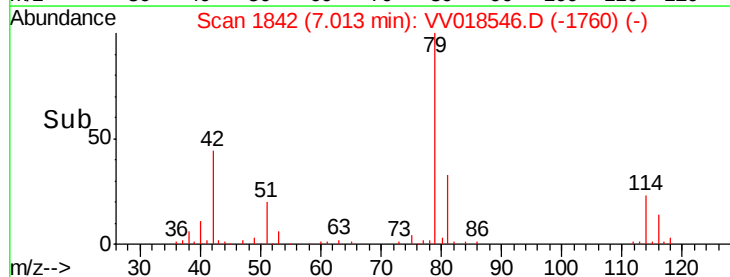
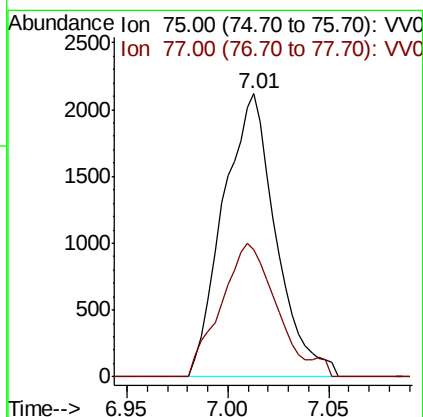
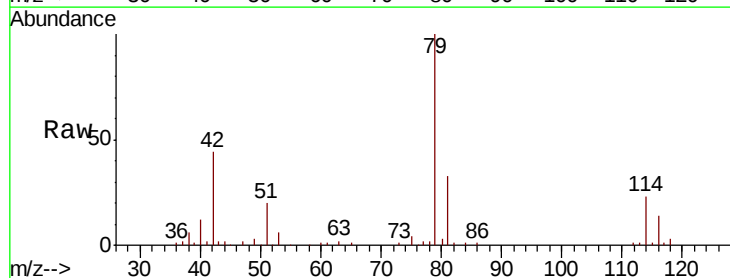
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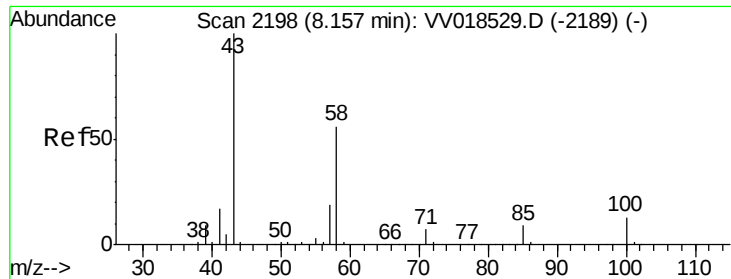
Tot Ion: 63 Resp: 15273
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.910 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV018546.D
 Acq: 30 Sep 2020 03:20

Tgt Ion: 75 Resp: 3860
 Ion Ratio Lower Upper
 75 100
 77 44.8 23.0 42.6#

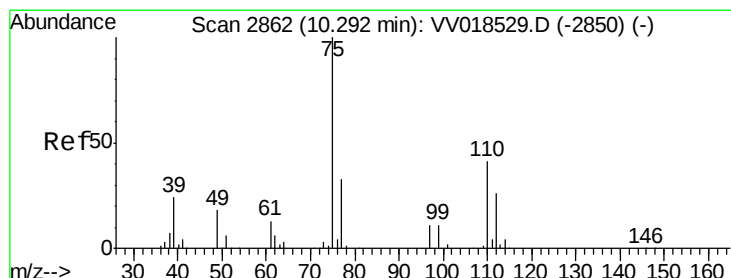
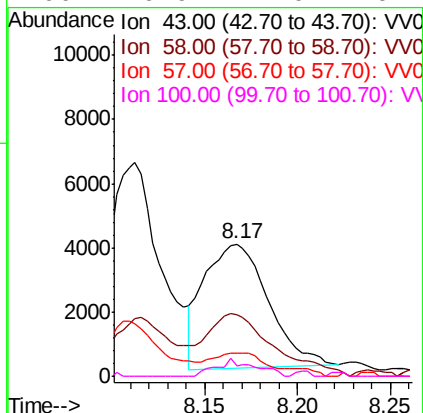
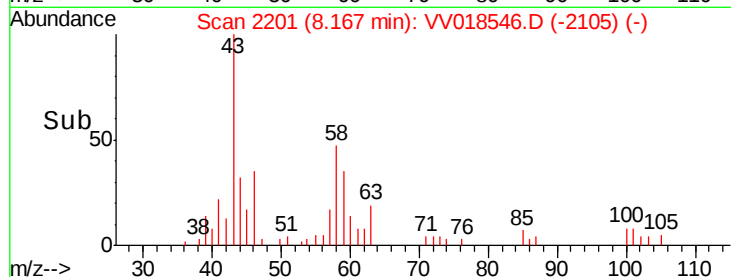
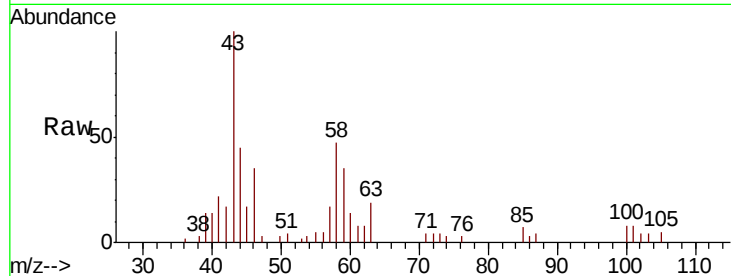




#48
2-Hexanone
Concen: 3.422 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV018546.D
Acq: 30 Sep 2020 03:20

Instrument :
MSVOA_V
ClientSampleId :
C0AA4

Tot Ion: 43 Resp: 9312
Ion Ratio Lower Upper
43 100
58 0.0 45.1 67.7#
57 10.2 15.7 23.5#
100 0.9 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.143 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018546.D
Acq: 30 Sep 2020 03:20

Tgt Ion: 75 Resp: 20197
Ion Ratio Lower Upper
75 100
77 36.4 25.4 38.0

