

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018674.D
 Acq On : 05 Oct 2020 15:10
 Operator : SY/MD
 Sample : L4254-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:13:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	186354	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	188791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	87017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86786	79.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	158.82%#
7) Chloroethane-d5	1.58	69	72827	80.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	161.18%#
11) 1,1-Dichloroethene-d2	2.12	63	129454	58.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.26%
21) 2-Butanone-d5	3.91	46	120912	148.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.32%#
24) Chloroform-d	4.37	84	175191	74.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.26%#
26) 1,2-Dichloroethane-d4	5.06	65	106939	71.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.56%#
32) Benzene-d6	5.07	84	300438	62.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.66%#
36) 1,2-Dichloropropane-d6	6.09	67	92685	64.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.30%#
41) Toluene-d8	7.34	98	270874	60.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.42%#
43) trans-1,3-Dichloropropene-	7.64	79	45937	58.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.70%
47) 2-Hexanone-d5	8.11	63	50657	92.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	92279	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	109463	65.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.82%#

Target Compounds

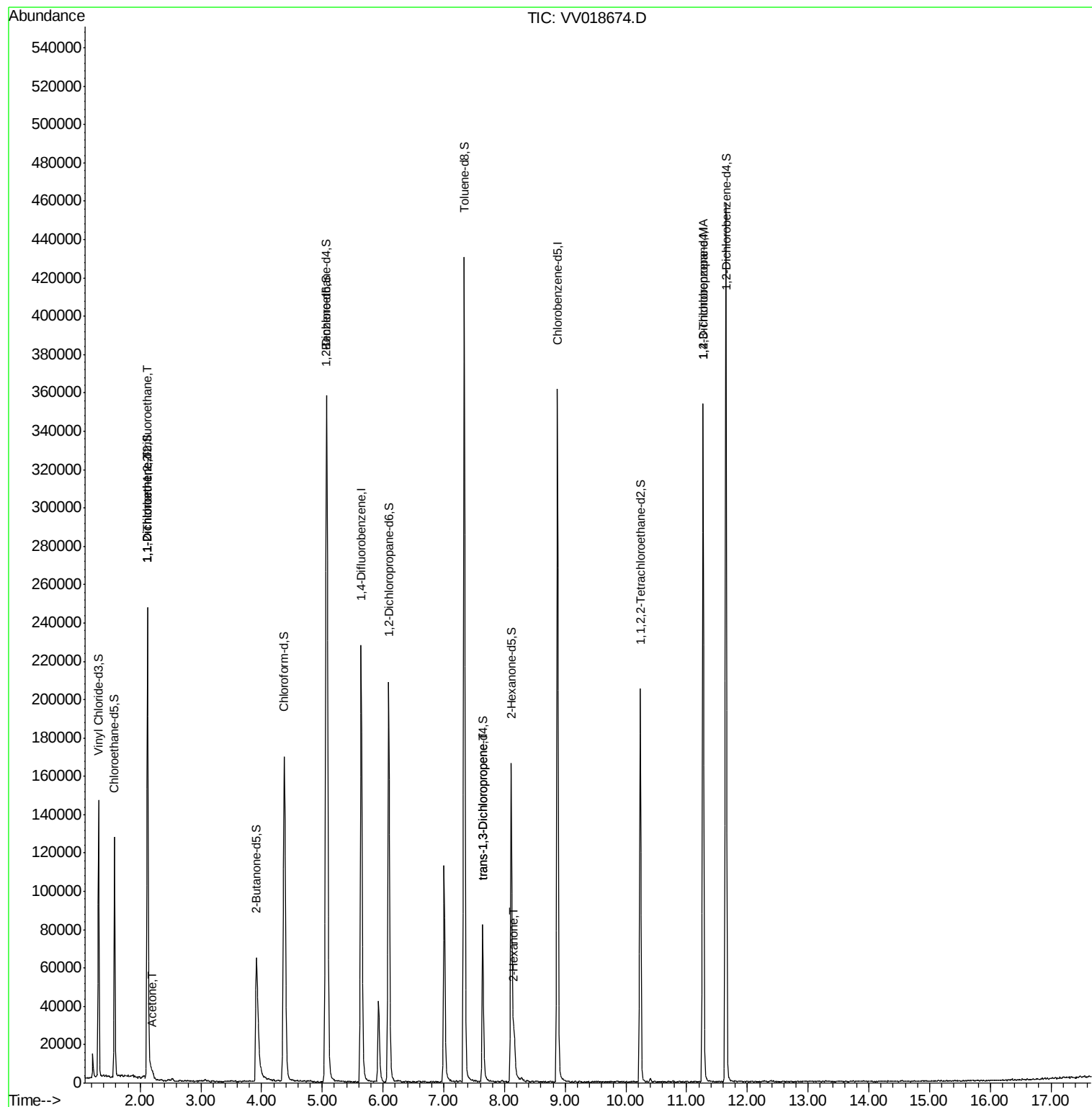
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1284	1.059 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1241	1.067 ug/L #	1
13) Acetone	2.21	43	5275	7.489 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	2165	0.987 ug/L #	80
48) 2-Hexanone	8.16	43	14012	9.780 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	10428	6.025 ug/L #	87

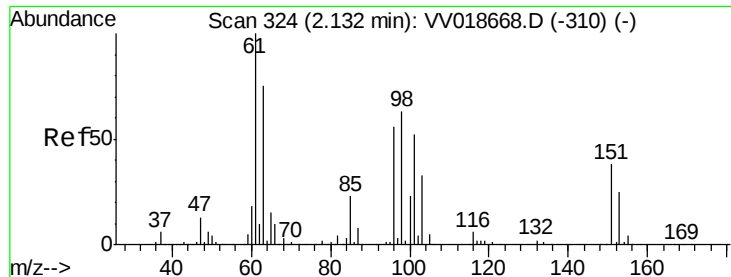
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.059 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018674.D

Acq: 05 Oct 2020 15:10

Instrument :

MSVOA_V

ClientSampleId :

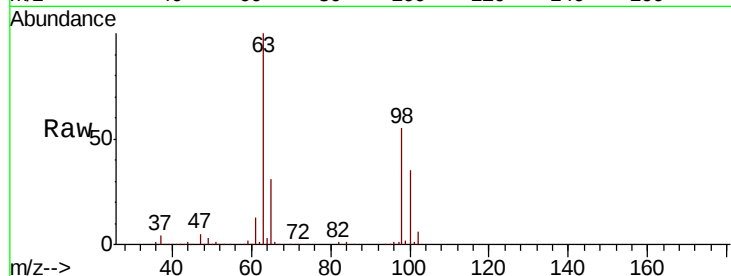
Tot Ion:101 Resp: 1284

Ion Ratio Lower Upper

101 100

85 4.0 34.6 52.0#

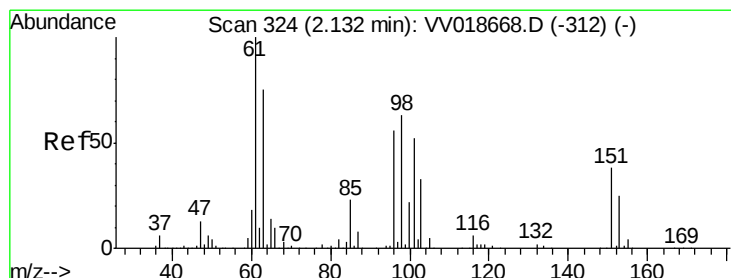
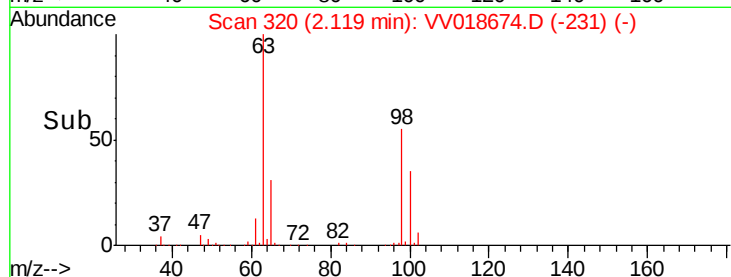
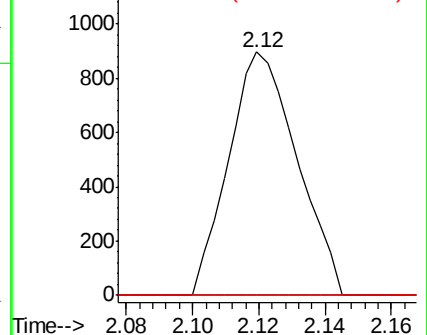
151 0.0 64.3 96.5#



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



#12

1,1-Dichloroethene

Concen: 1.067 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018674.D

Acq: 05 Oct 2020 15:10

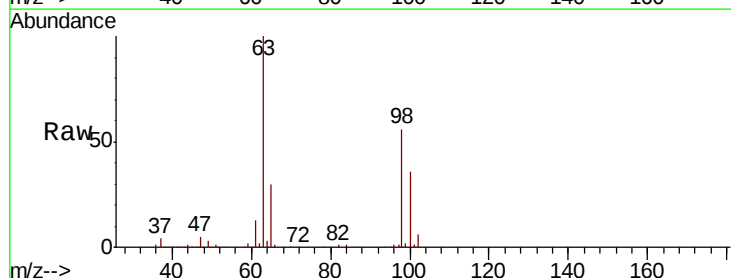
Tgt Ion: 96 Resp: 1241

Ion Ratio Lower Upper

96 100

61 1525.7 122.8 228.1#

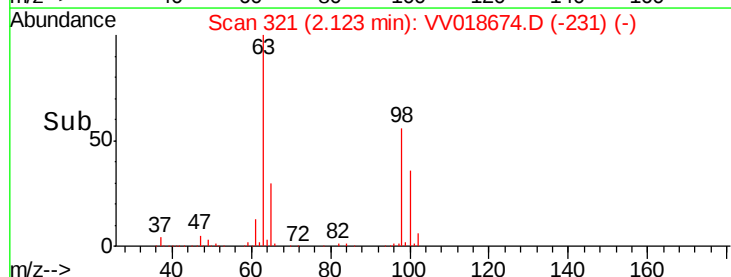
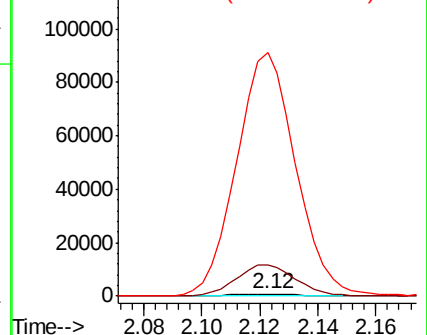
63 11786.8 91.9 170.7#

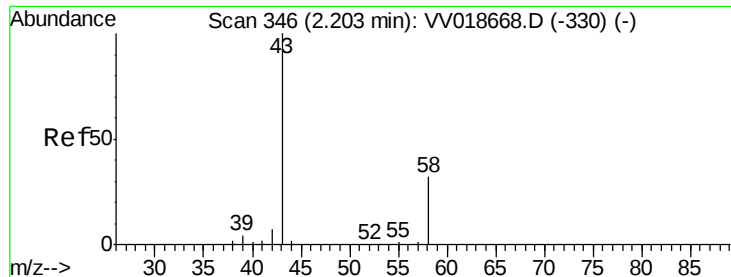


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 7.489 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV018674.D

Acq: 05 Oct 2020 15:10

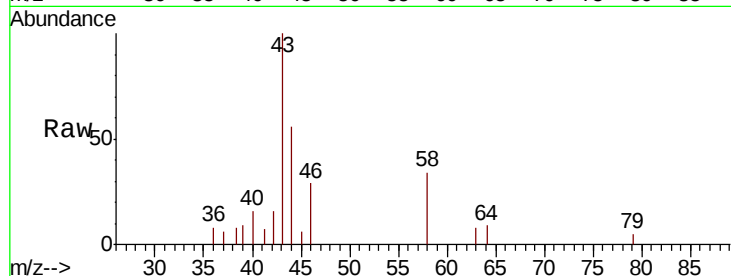
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5275

Ion Ratio Lower Upper

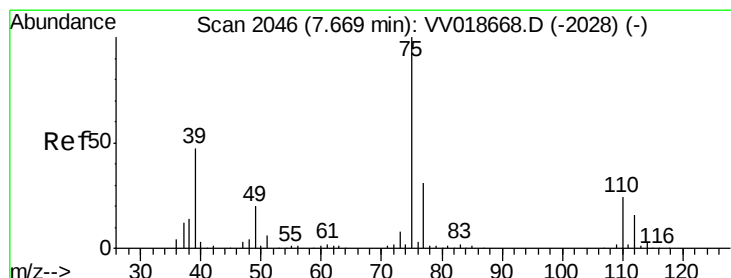
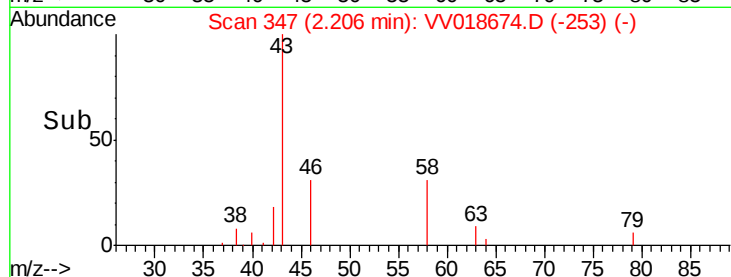
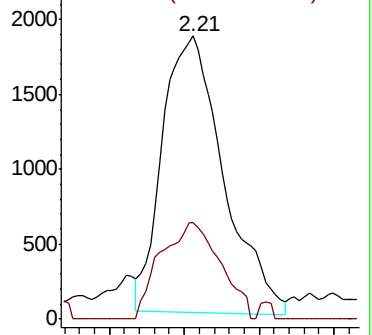
43 100

58 33.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018668.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018668.D (-330) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.987 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018674.D

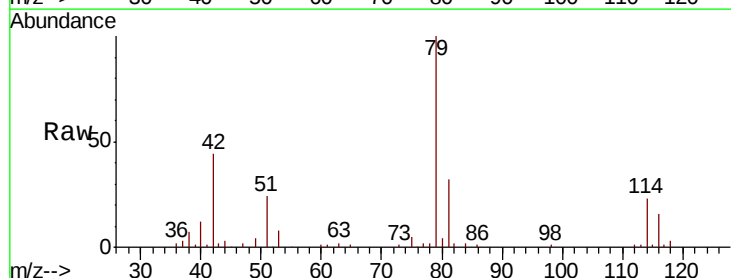
Acq: 05 Oct 2020 15:10

Tgt Ion: 75 Resp: 2165

Ion Ratio Lower Upper

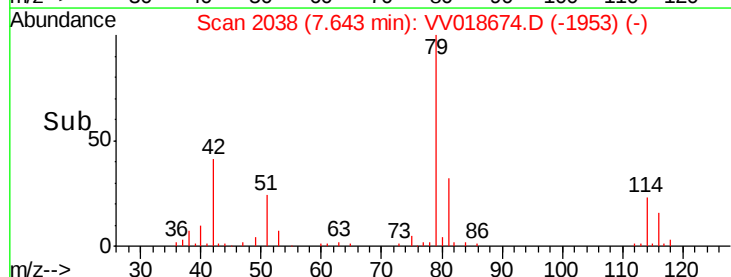
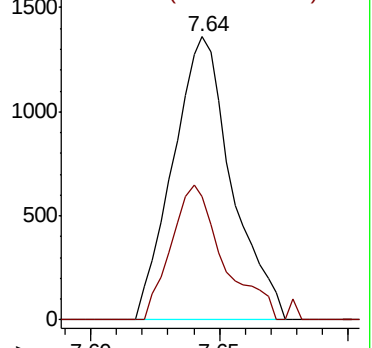
75 100

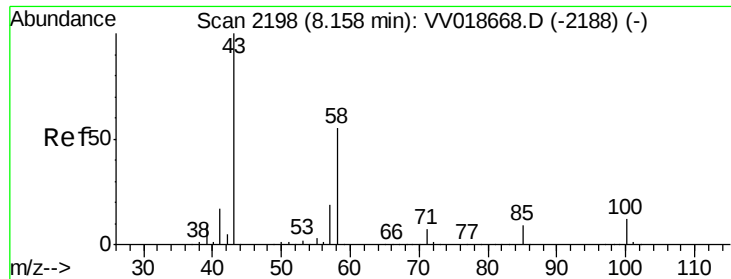
77 43.5 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV018668.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV018668.D (-2028) (-)

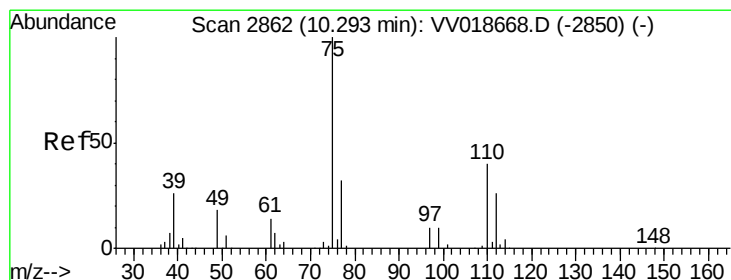
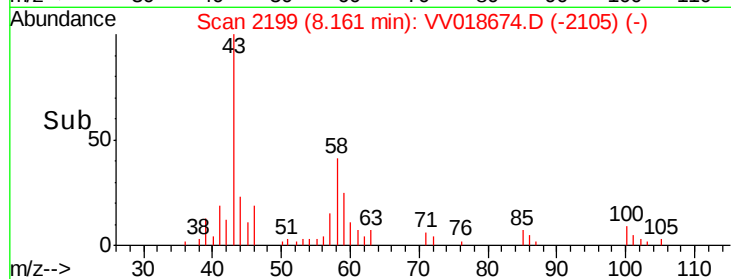
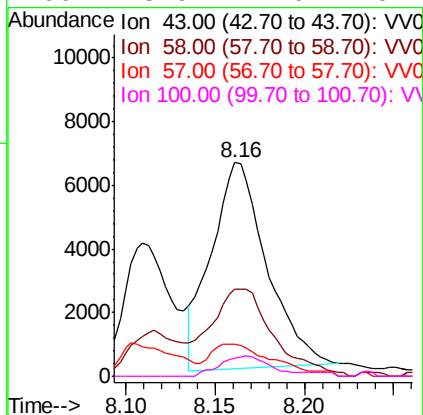
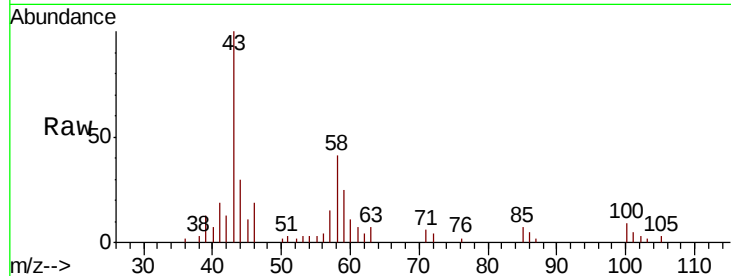




#48
 2-Hexanone
 Concen: 9.780 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018674.D
 Acq: 05 Oct 2020 15:10

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 14012
 Ion Ratio Lower Upper
 43 100
 58 47.7 45.1 67.7
 57 16.6 15.7 23.5
 100 8.9 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.025 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018674.D
 Acq: 05 Oct 2020 15:10

Tgt Ion: 75 Resp: 10428
 Ion Ratio Lower Upper
 75 100
 77 38.8 25.4 38.0#

