

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018641.D
 Acq On : 02 Oct 2020 21:33
 Operator : SY/MD
 Sample : L4203-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S1

Quant Time: Oct 03 02:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293151	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80438	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.58%
7) Chloroethane-d5	1.58	69	69804	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	128836	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
21) 2-Butanone-d5	3.90	46	107705	83.98	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.98%
24) Chloroform-d	4.38	84	160797	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
26) 1,2-Dichloroethane-d4	5.06	65	111272	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
32) Benzene-d6	5.07	84	311817	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.56%
36) 1,2-Dichloropropane-d6	6.09	67	96431	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.54%
41) Toluene-d8	7.34	98	282525	40.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.44%
43) trans-1,3-Dichloropropene-	7.64	79	47878	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.54%
47) 2-Hexanone-d5	8.11	63	58207	68.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106666	36.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	123857	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%

Target Compounds

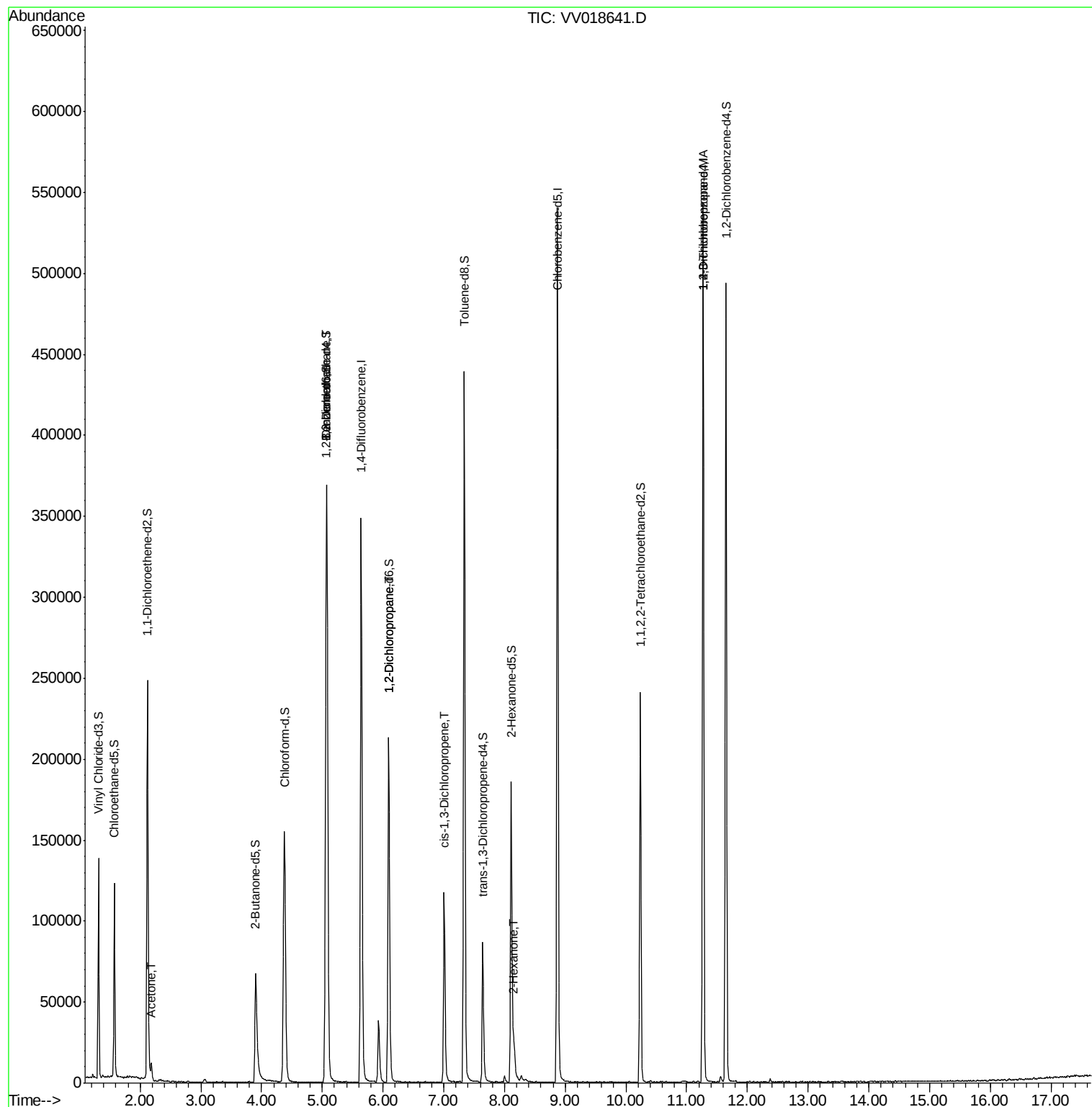
					Ovalue
13) Acetone	2.18	43	11345	10.239 ug/L	96
27) 1,2-Dichloroethane	5.07	62	2022	0.670 ug/L	100
37) 1,2-Dichloropropane	6.09	63	11730	5.344 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3065	0.890 ug/L #	61
48) 2-Hexanone	8.16	43	12692	5.744 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	15432	5.780 ug/L #	87

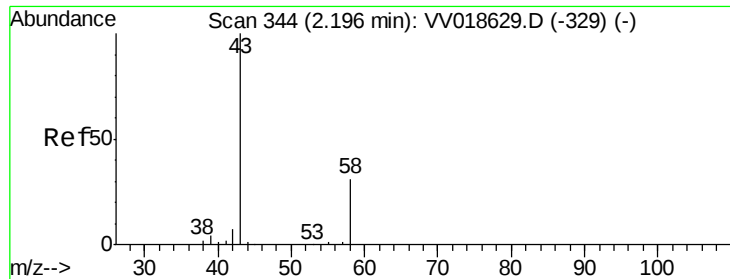
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 02:08:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.239 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.02 min

Lab File: VV018641.D

Acq: 02 Oct 2020 21:33

Instrument :

MSVOA_V

ClientSampleId :

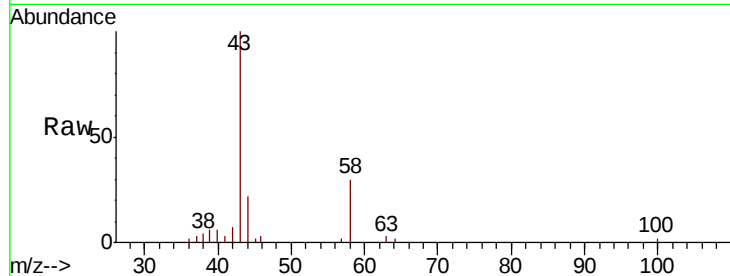
BG3S1

Tot Ion: 43 Resp: 11345

Ion Ratio Lower Upper

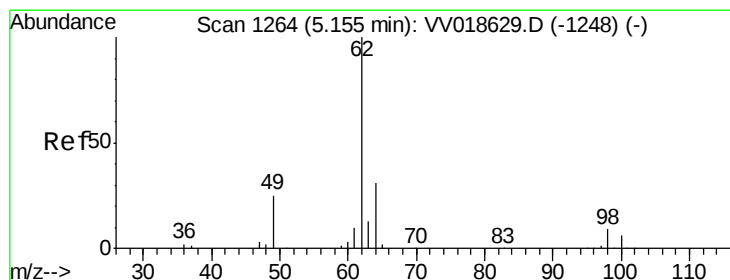
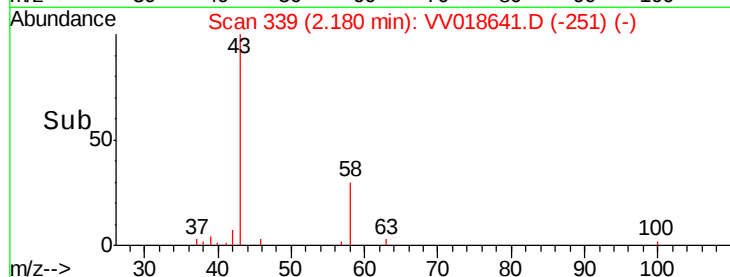
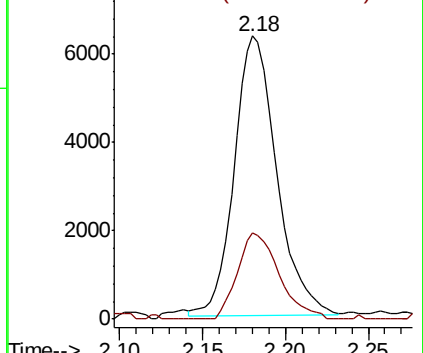
43 100

58 30.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018629.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018629.D (-329) (-)



#27

1,2-Dichloroethane

Concen: 0.670 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018641.D

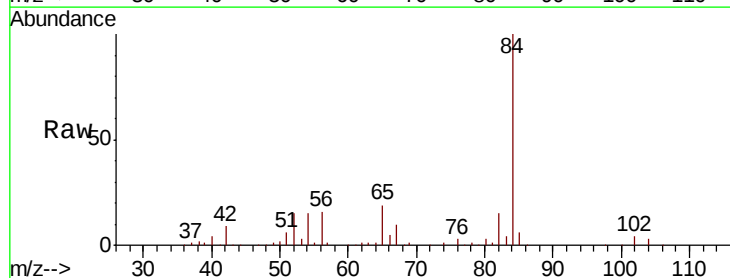
Acq: 02 Oct 2020 21:33

Tgt Ion: 62 Resp: 2022

Ion Ratio Lower Upper

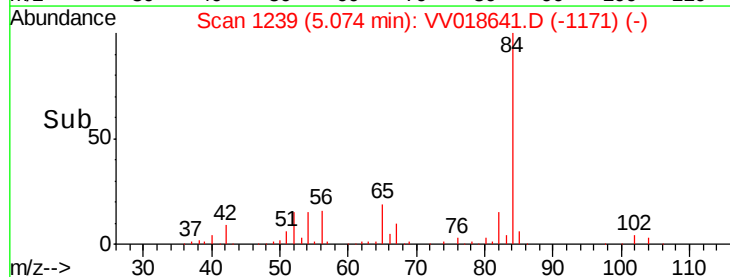
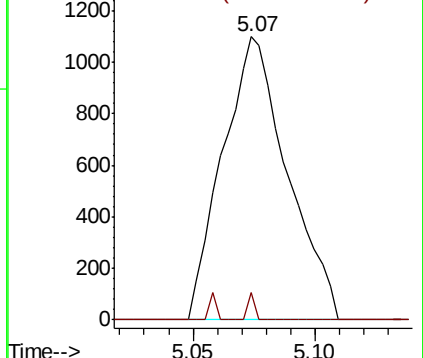
62 100

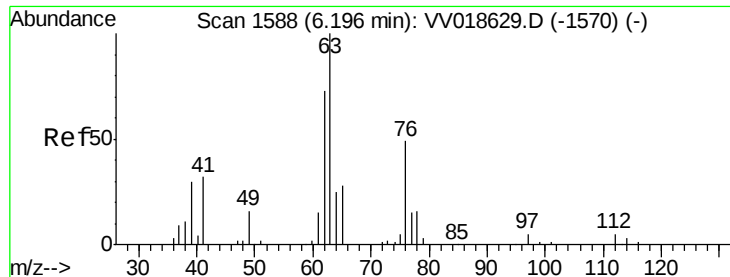
98 9.7 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV018629.D (-1248) (-)

Ion 98.00 (97.70 to 98.70): VV018629.D (-1248) (-)

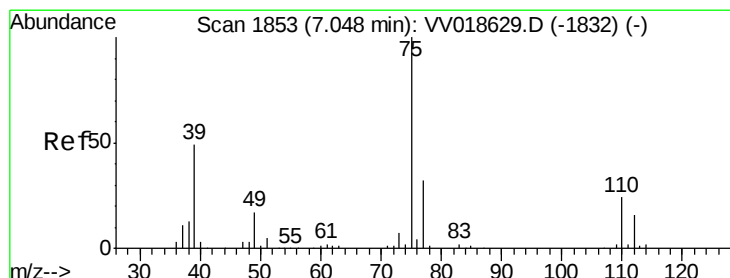
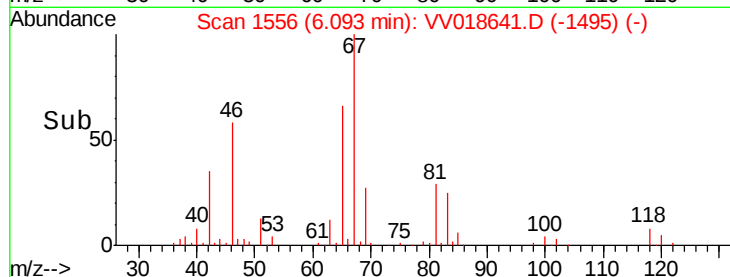
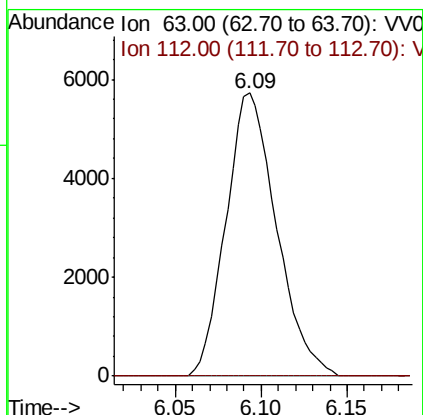
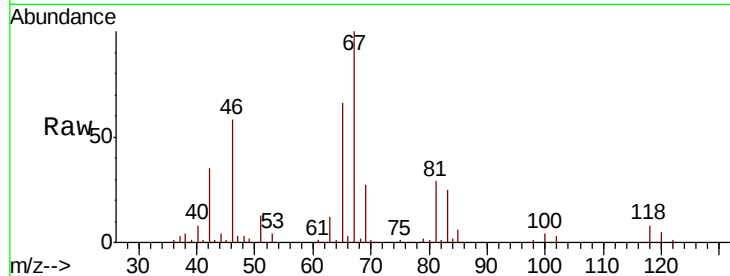




#37
 1,2-Dichloropropane
 Concen: 5.344 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018641.D
 Acq: 02 Oct 2020 21:33

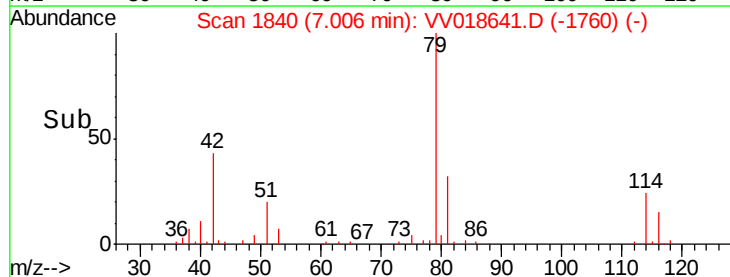
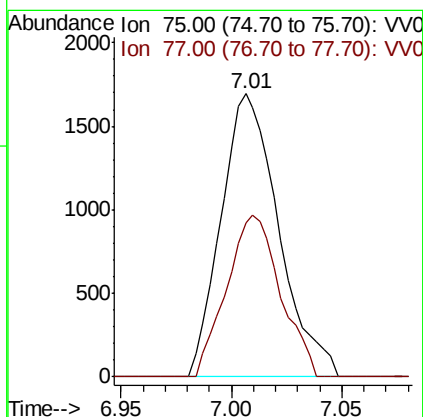
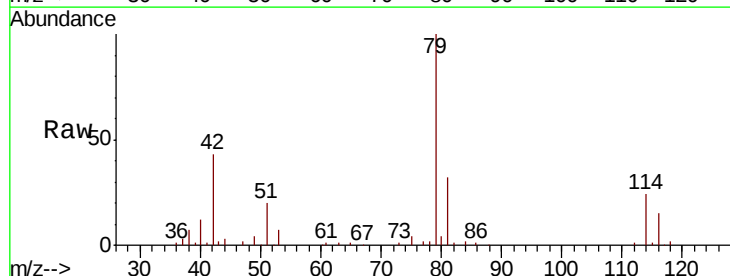
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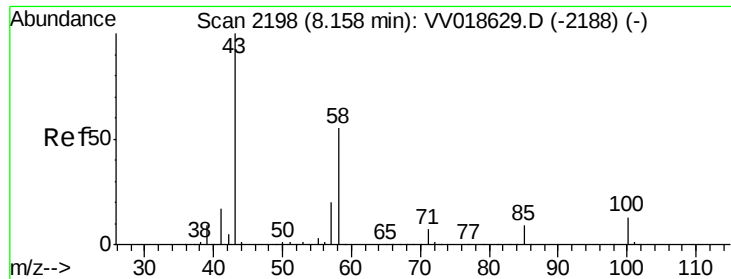
Tot Ion: 63 Resp: 11730
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.890 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018641.D
 Acq: 02 Oct 2020 21:33

Tgt Ion: 75 Resp: 3065
 Ion Ratio Lower Upper
 75 100
 77 54.6 23.0 42.6#

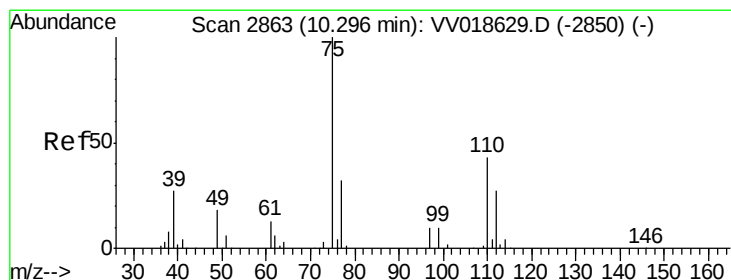
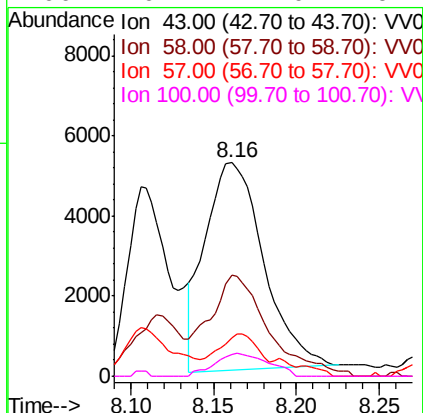
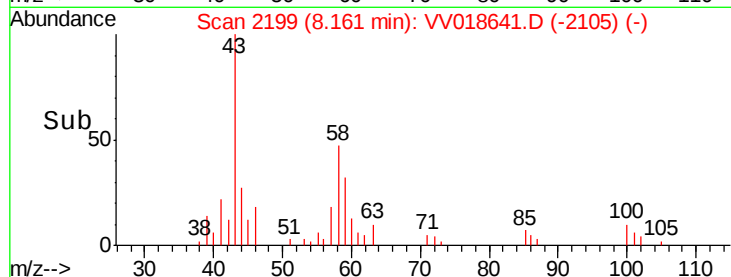
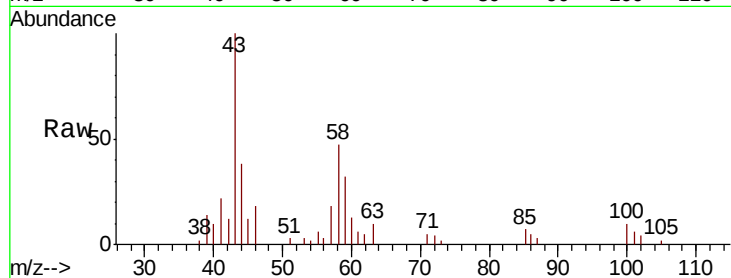




#48
2-Hexanone
Concen: 5.744 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018641.D
Acq: 02 Oct 2020 21:33

Instrument :
MSVOA_V
ClientSampled :
BG3S1

Tot Ion: 43 Resp: 12692
Ion Ratio Lower Upper
43 100
58 45.4 45.1 67.7
57 11.3 15.7 23.5#
100 10.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.780 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018641.D
Acq: 02 Oct 2020 21:33

Tgt Ion: 75 Resp: 15432
Ion Ratio Lower Upper
75 100
77 38.7 25.4 38.0#

