

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018873.D
 Acq On : 13 Oct 2020 13:20
 Operator : SY/MD
 Sample : L4289-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL2

Quant Time: Oct 14 01:35:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127454	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.58	69	102093	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	2.12	63	185588	31.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.18%
21) 2-Butanone-d5	3.91	46	185506	99.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.37	84	235196	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.06	65	163742	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
32) Benzene-d6	5.07	84	472002	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
36) 1,2-Dichloropropane-d6	6.09	67	154981	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.12%
41) Toluene-d8	7.34	98	413479	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%
43) trans-1,3-Dichloropropene-	7.64	79	71584	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.26%
47) 2-Hexanone-d5	8.11	63	96773	78.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149891	37.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	166374	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

Target Compounds

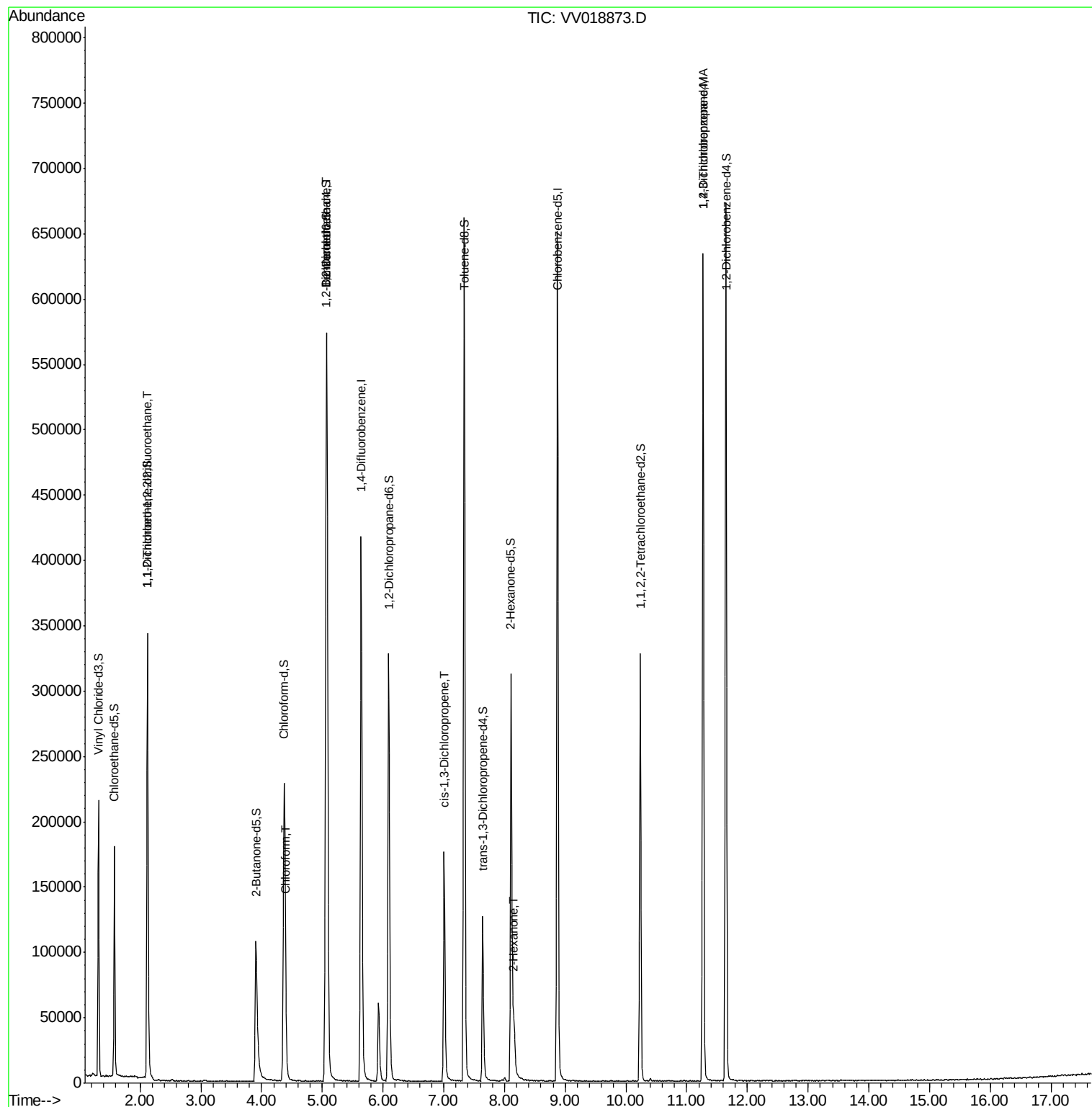
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1625	0.674 ug/L #	19
25) Chloroform	4.41	83	4509	0.914 ug/L	79
27) 1,2-Dichloroethane	5.07	62	3188	0.794 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4726	1.145 ug/L #	78
48) 2-Hexanone	8.16	43	26539	8.855 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	18796	5.407 ug/L	91

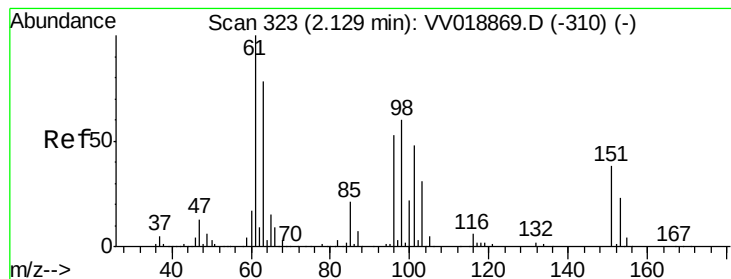
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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: VV018873.D

Acq: 13 Oct 2020 13:20

Instrument :

MSVOA_V

ClientSampleId :

C0AL2

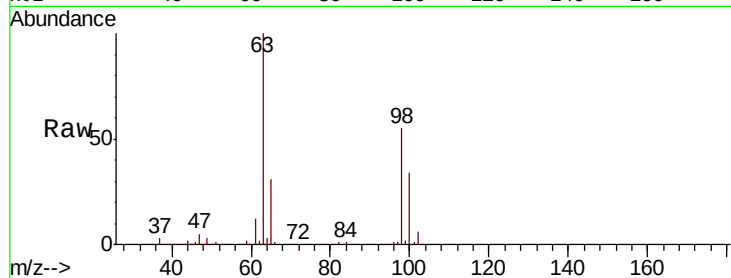
Tot Ion:101 Resp: 1625

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

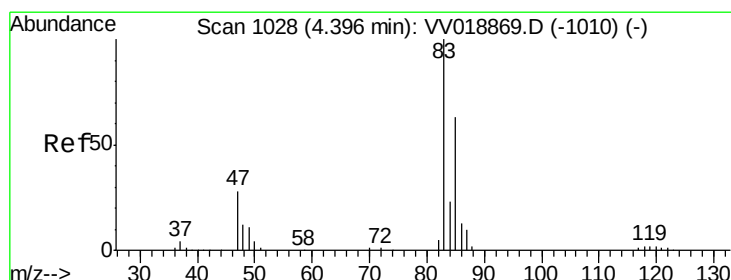
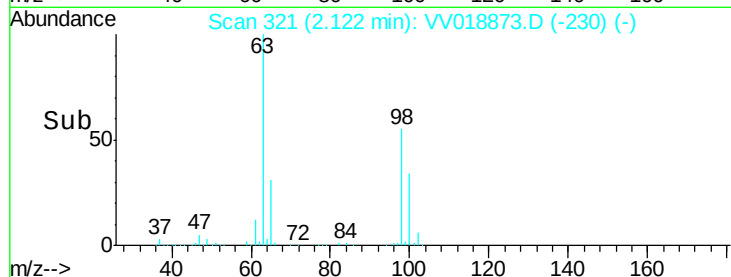
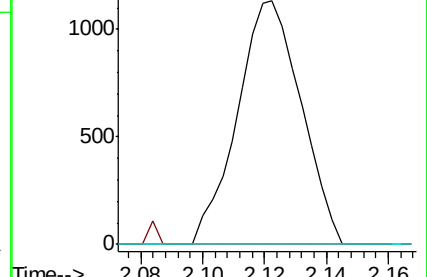
151 0.0 59.8 89.8#



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: 0.914 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018873.D

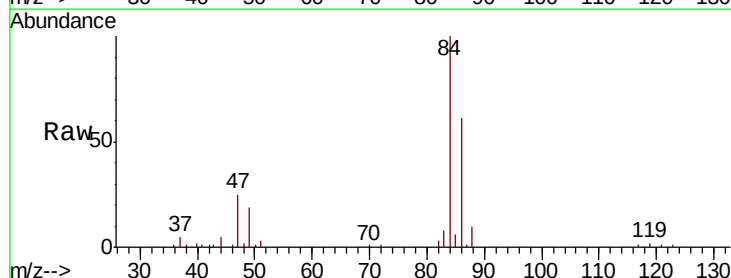
Acq: 13 Oct 2020 13:20

Tgt Ion: 83 Resp: 4509

Ion Ratio Lower Upper

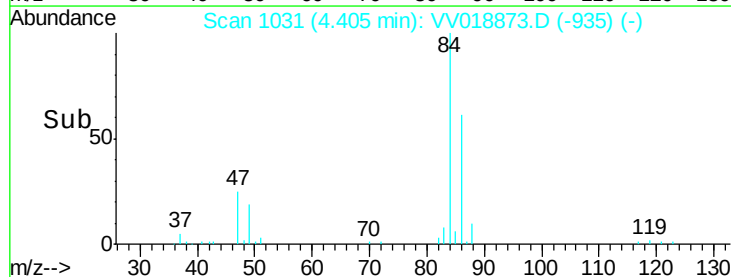
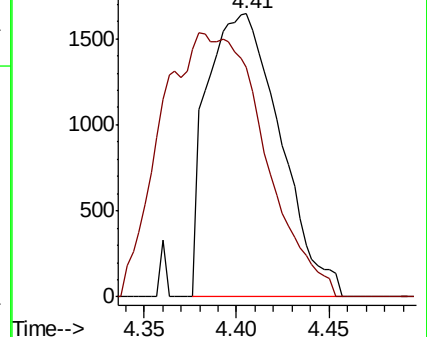
83 100

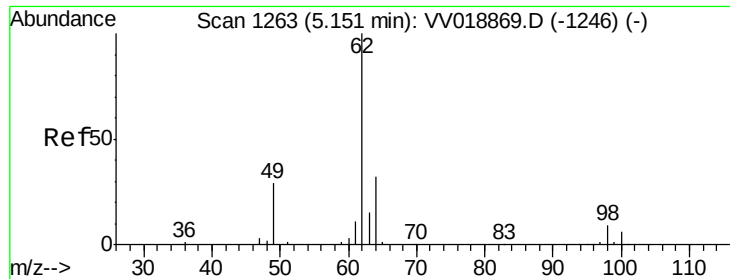
85 81.0 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

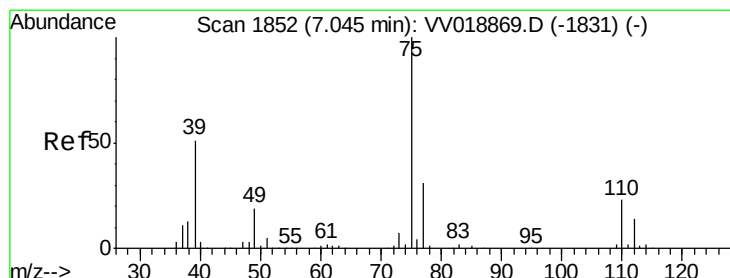
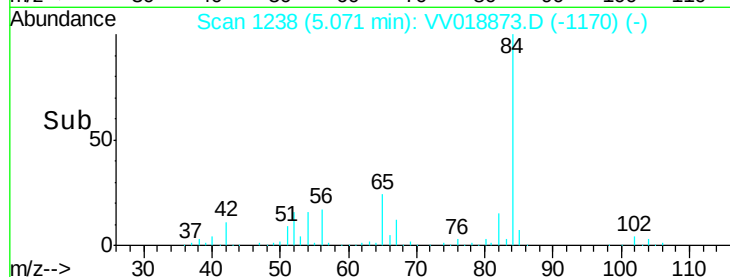
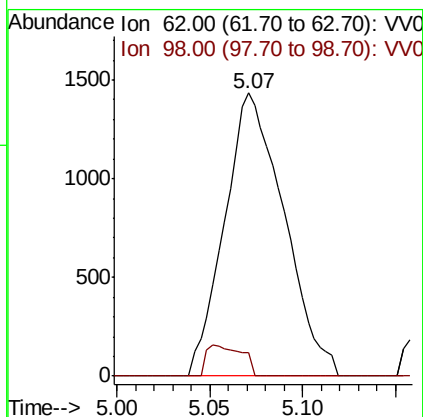
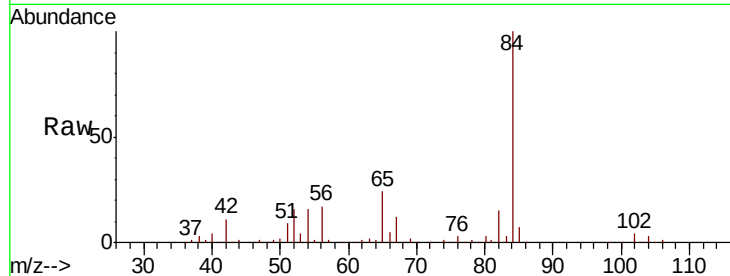




#27
 1,2-Dichloroethane
 Concen: 0.794 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV018873.D
 Acq: 13 Oct 2020 13:20

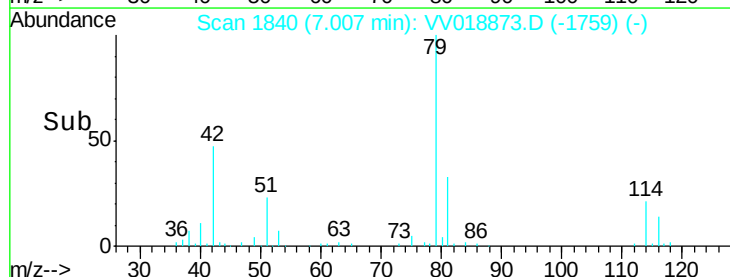
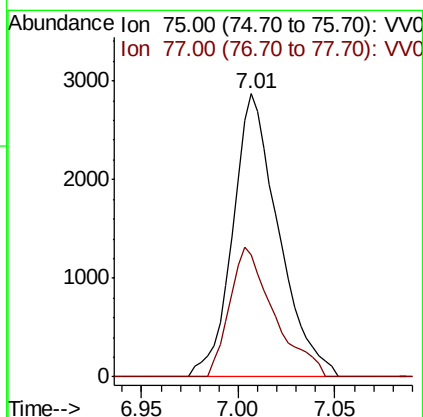
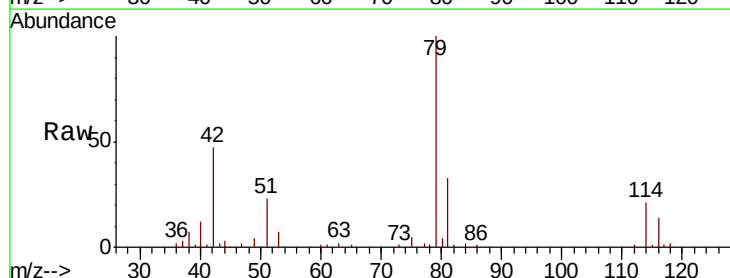
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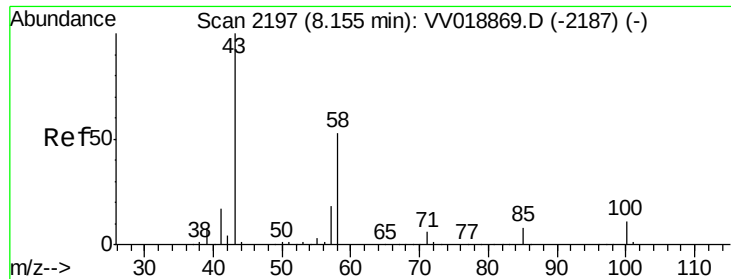
Tot Ion: 62 Resp: 3188
 Ion Ratio Lower Upper
 62 100
 98 8.2 6.6 10.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.145 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018873.D
 Acq: 13 Oct 2020 13:20

Tgt Ion: 75 Resp: 4726
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.8 40.6#

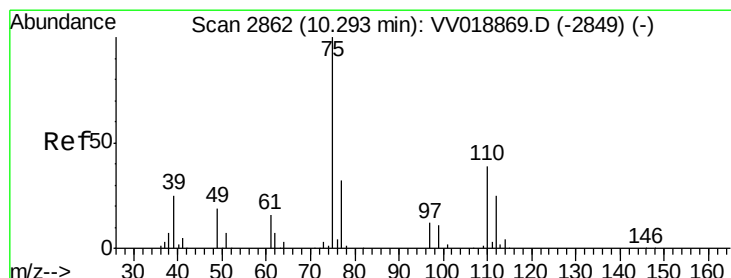
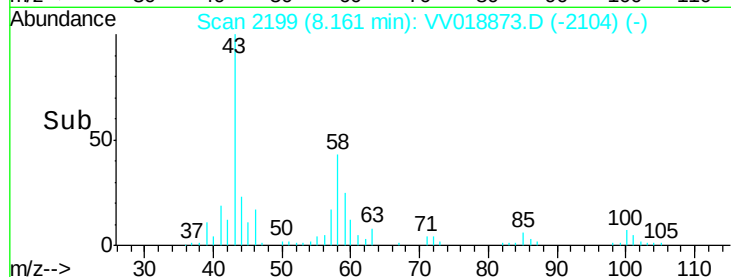
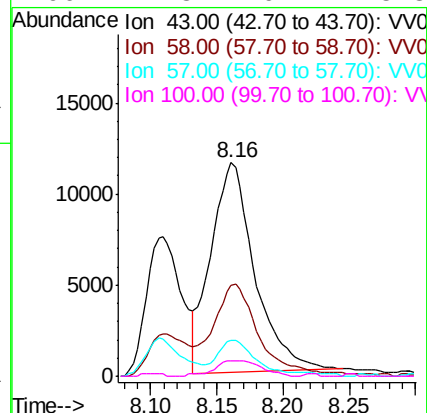
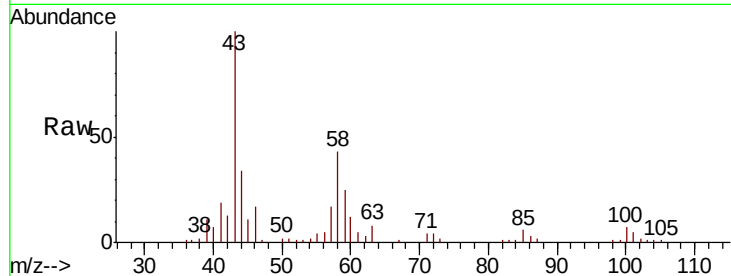




#48
2-Hexanone
Concen: 8.855 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018873.D
Acq: 13 Oct 2020 13:20

Instrument :
MSVOA_V
ClientSampled :
C0AL2

Tot Ion: 43 Resp: 26539
Ion Ratio Lower Upper
43 100
58 40.2 41.8 62.8#
57 12.3 14.9 22.3#
100 2.8 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 5.407 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018873.D
Acq: 13 Oct 2020 13:20

Tgt Ion: 75 Resp: 18796
Ion Ratio Lower Upper
75 100
77 37.6 25.9 38.9

