

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018923.D
 Acq On : 15 Oct 2020 20:12
 Operator : SY/MD
 Sample : L4382-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG409

Quant Time: Oct 16 08:47:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327887	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125550	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.04%
7) Chloroethane-d5	1.58	69	102125	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.12	63	183576	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.06%
21) 2-Butanone-d5	3.91	46	176192	93.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.65%
24) Chloroform-d	4.38	84	224145	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.06	65	157877	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.07	84	455038	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
36) 1,2-Dichloropropane-d6	6.09	67	148806	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.84%
41) Toluene-d8	7.34	98	399727	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%
43) trans-1,3-Dichloropropene-	7.64	79	67024	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
47) 2-Hexanone-d5	8.11	63	89864	79.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.53%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	142647	40.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	158398	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%

Target Compounds

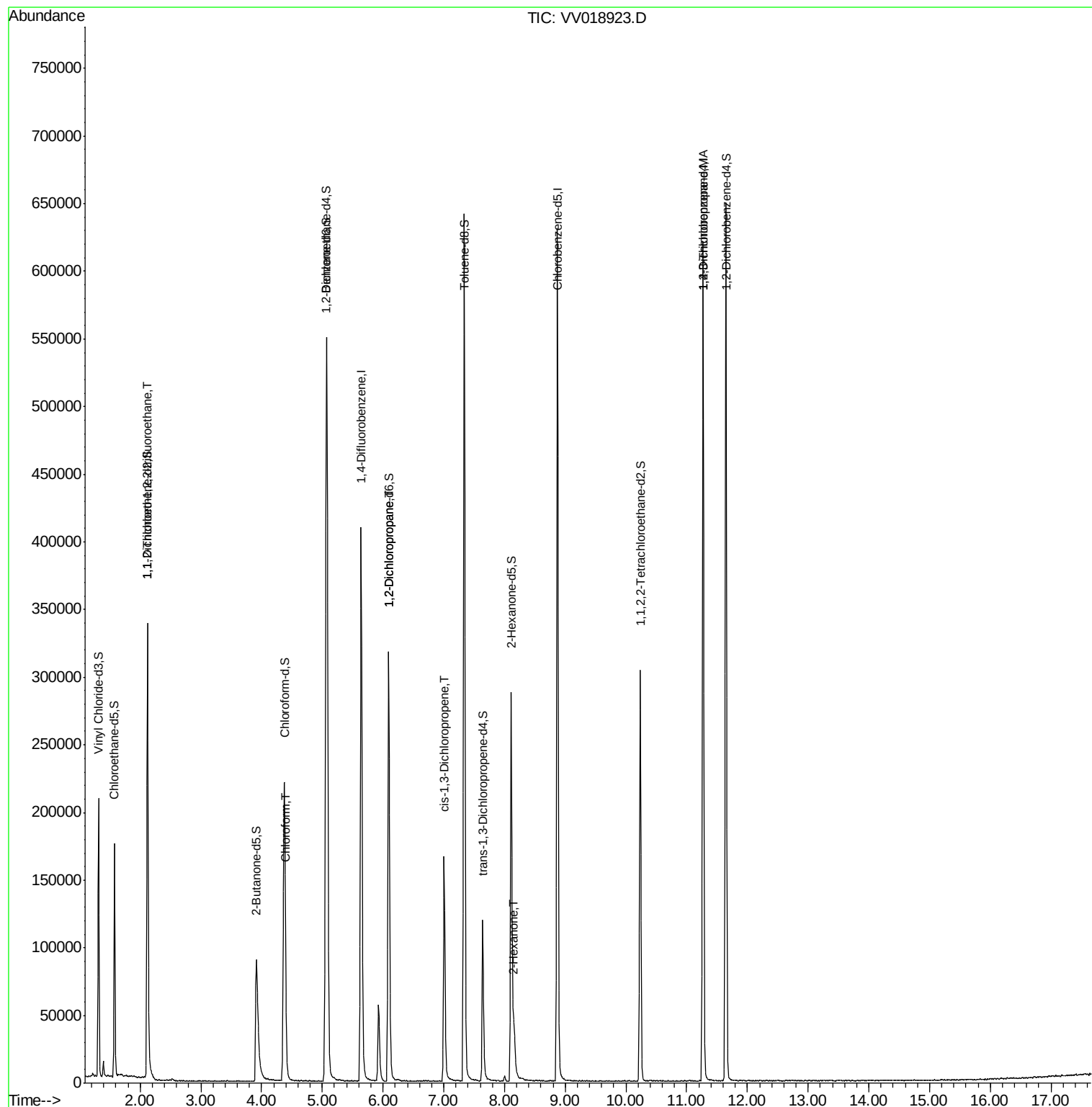
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1643	0.772 ug/L #	20
25) Chloroform	4.40	83	4145	0.885 ug/L	94
37) 1,2-Dichloropropane	6.09	63	17485	6.538 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	4025	1.002 ug/L #	69
48) 2-Hexanone	8.16	43	24042	8.222 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	18031	5.570 ug/L #	82

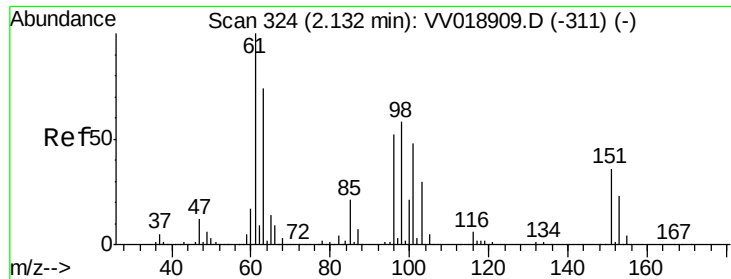
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.772 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018923.D

Acq: 15 Oct 2020 20:12

Instrument :

MSVOA_V

ClientSampled :

BG409

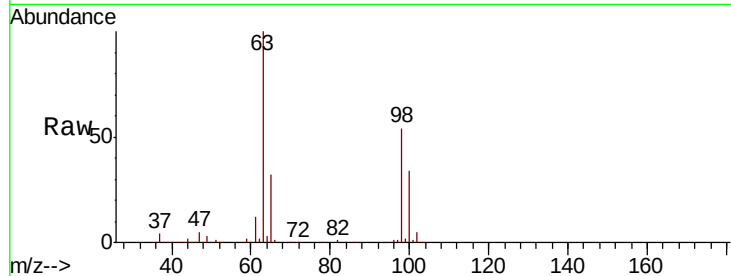
Tot Ion:101 Resp: 1643

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

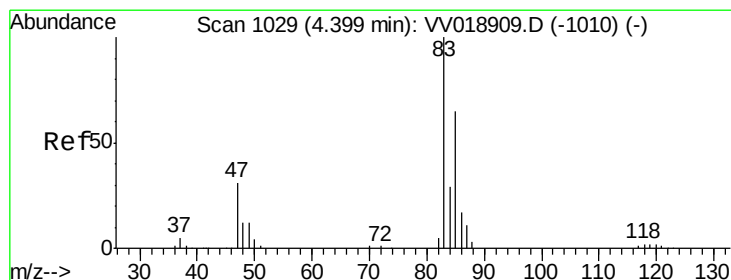
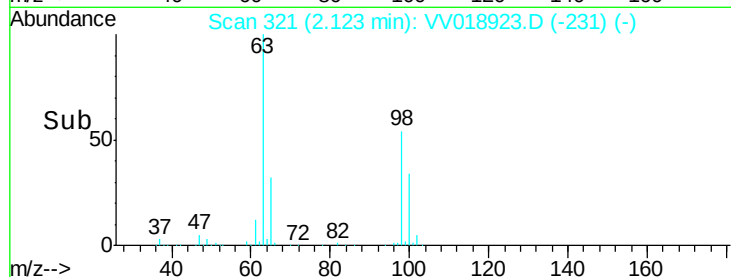
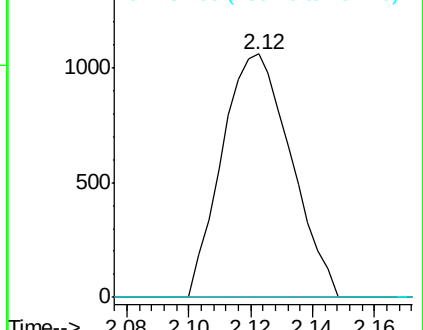
151 0.0 59.7 89.5#



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



#25

Chloroform

Concen: 0.885 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018923.D

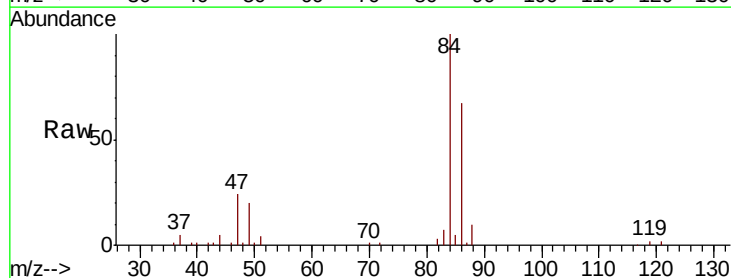
Acq: 15 Oct 2020 20:12

Tgt Ion: 83 Resp: 4145

Ion Ratio Lower Upper

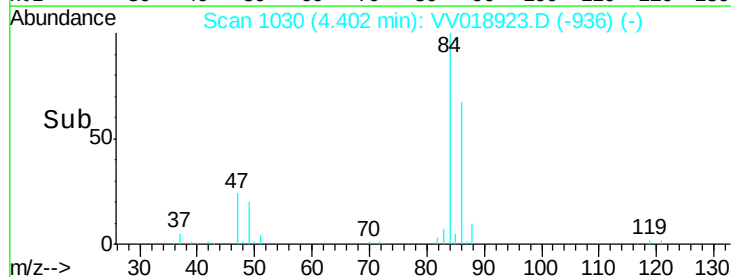
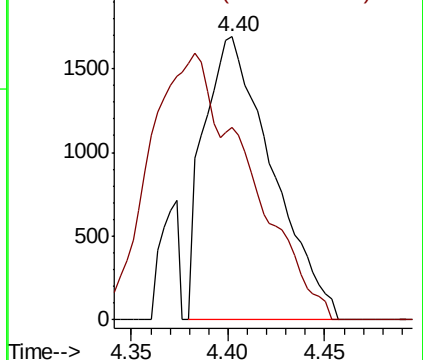
83 100

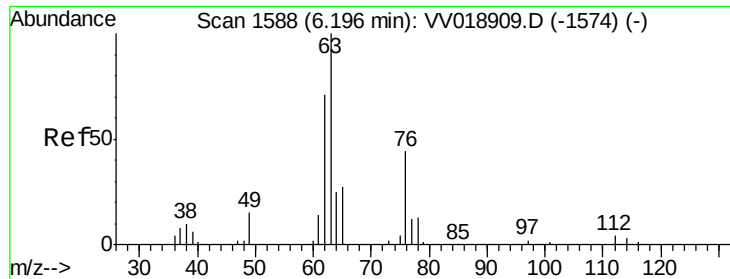
85 68.2 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

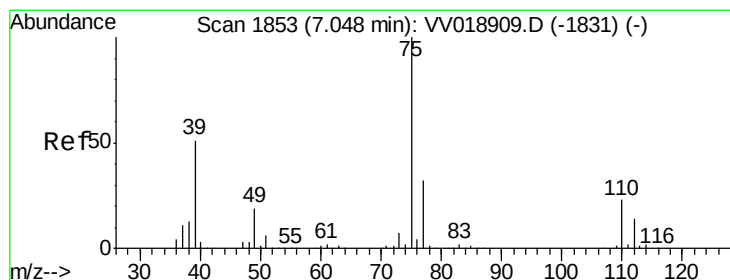
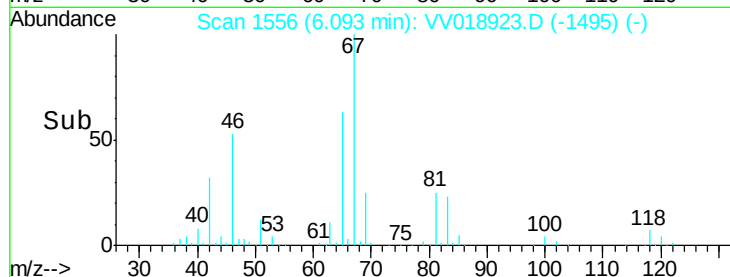
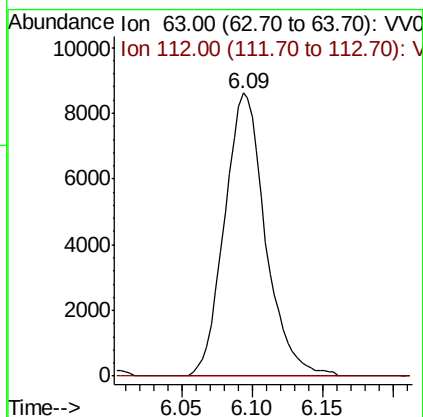
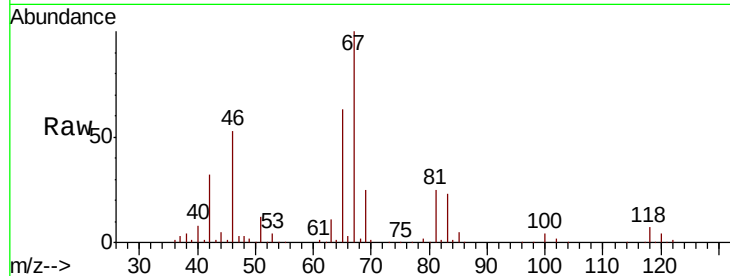




#37
 1,2-Dichloropropane
 Concen: 6.538 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018923.D
 Acq: 15 Oct 2020 20:12

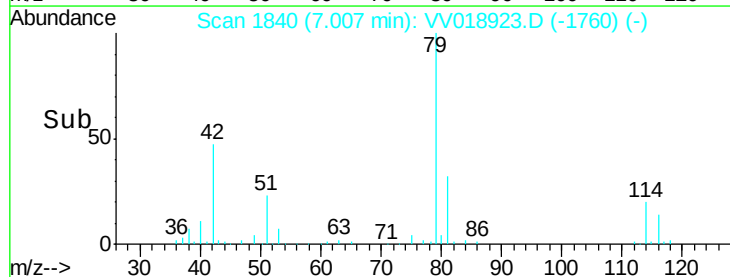
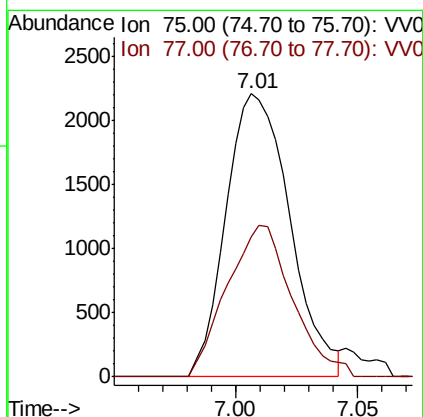
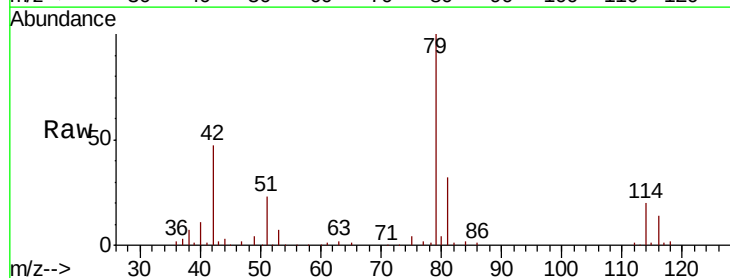
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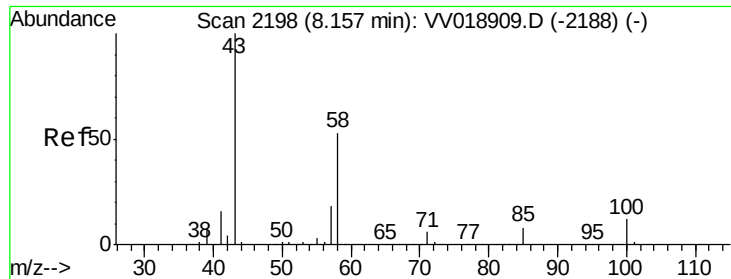
Tot Ion: 63 Resp: 17485
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 1.002 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018923.D
 Acq: 15 Oct 2020 20:12

Tgt Ion: 75 Resp: 4025
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.5 41.9#

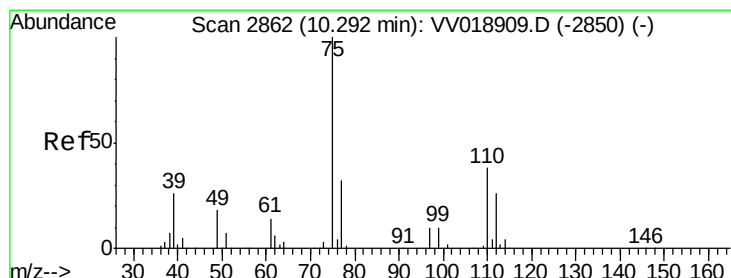
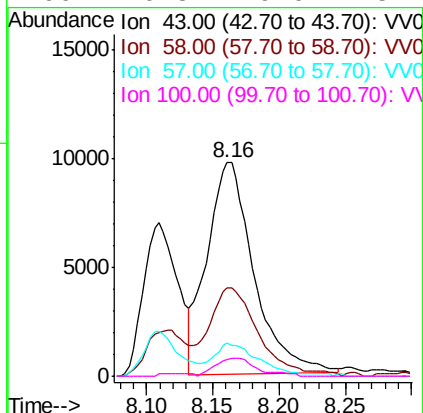
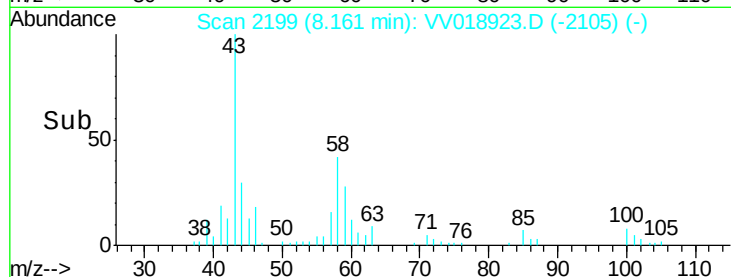
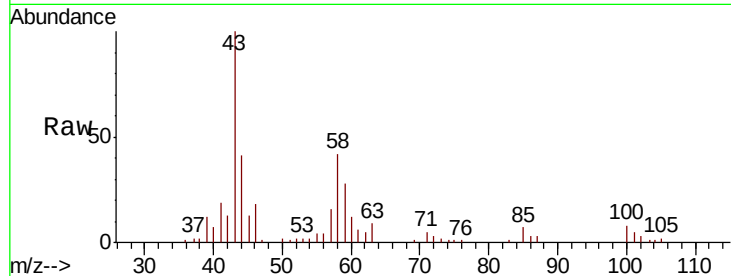




#48
 2-Hexanone
 Concen: 8.222 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018923.D
 Acq: 15 Oct 2020 20:12

Instrument :
 MSVOA_V
 ClientSampled :
 BG409

Tot Ion: 43 Resp: 24042
 Ion Ratio Lower Upper
 43 100
 58 38.2 42.5 63.7#
 57 13.2 14.5 21.7#
 100 6.8 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.570 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018923.D
 Acq: 15 Oct 2020 20:12

Tgt Ion: 75 Resp: 18031
 Ion Ratio Lower Upper
 75 100
 77 41.6 25.4 38.2#

