

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018924.D
 Acq On : 15 Oct 2020 20:35
 Operator : SY/MD
 Sample : L4382-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG401

Quant Time: Oct 16 08:47:39 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	325094	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320043	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124710	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	101417	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.12	63	181548	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.88%
21) 2-Butanone-d5	3.92	46	174374	93.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.48%
24) Chloroform-d	4.38	84	223960	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	5.06	65	156089	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
32) Benzene-d6	5.07	84	452118	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
36) 1,2-Dichloropropane-d6	6.09	67	146721	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.34	98	395316	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	7.64	79	66218	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.11	63	89163	80.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141060	40.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	158802	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%

Target Compounds

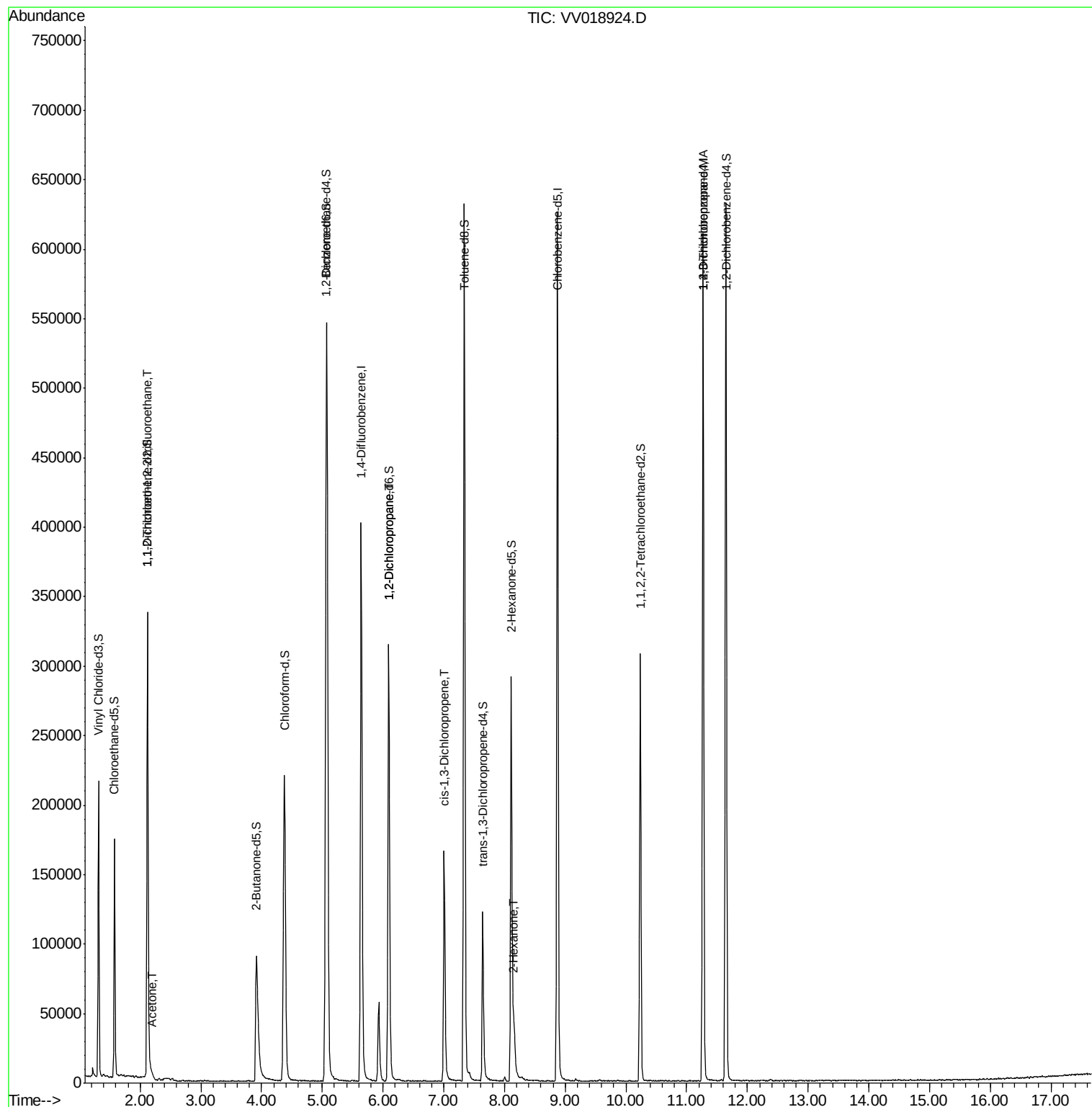
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1550	0.735 ug/L #	20
13) Acetone	2.20	43	4573	3.355 ug/L	91
37) 1,2-Dichloropropane	6.09	63	16743	6.375 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	4106	1.040 ug/L #	72
48) 2-Hexanone	8.16	43	22497	7.834 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	18713	5.886 ug/L	89

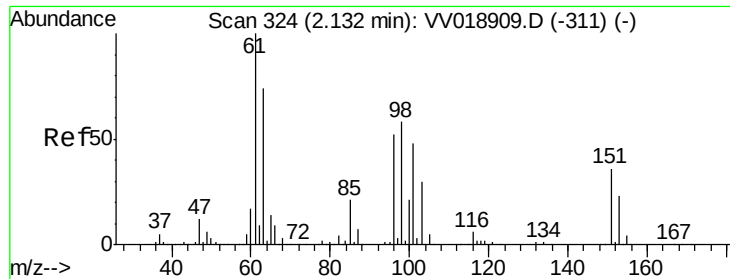
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.735 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018924.D

Acq: 15 Oct 2020 20:35

Instrument :

MSVOA_V

ClientSampled :

BG401

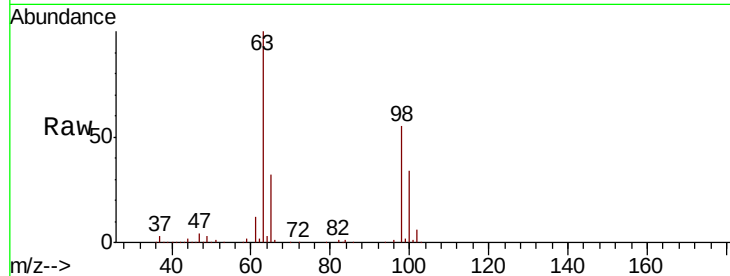
Tot Ion:101 Resp: 1550

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

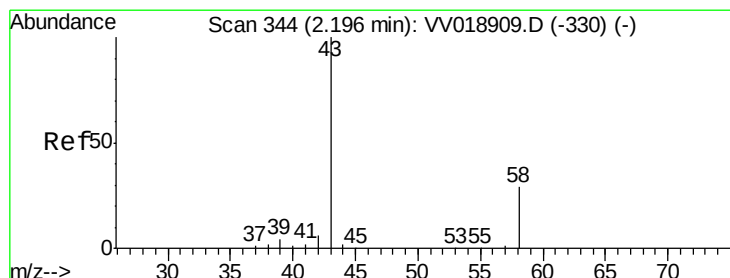
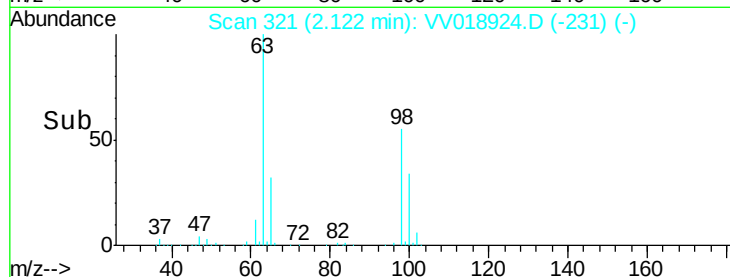
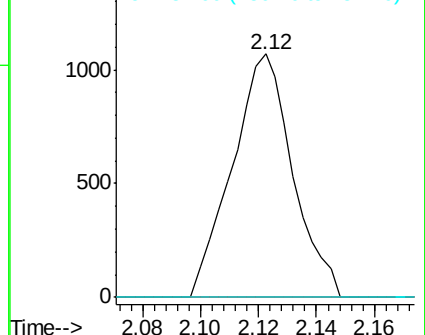
151 0.0 59.7 89.5#



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



#13

Acetone

Concen: 3.355 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV018924.D

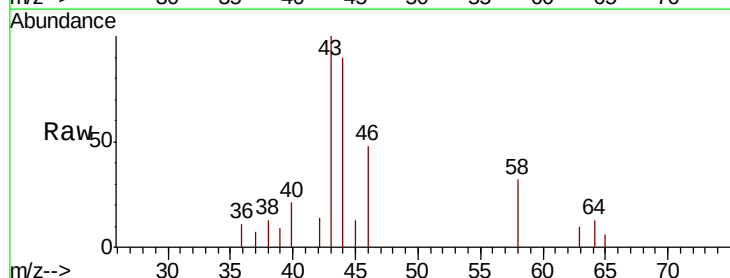
Acq: 15 Oct 2020 20:35

Tgt Ion: 43 Resp: 4573

Ion Ratio Lower Upper

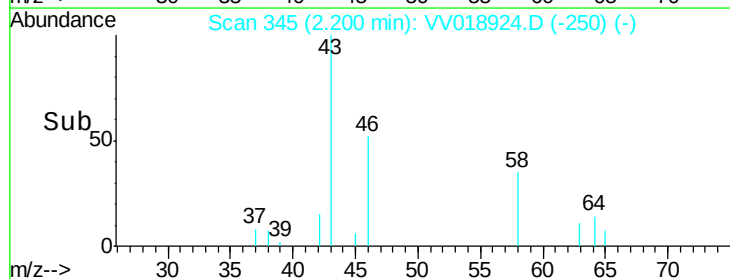
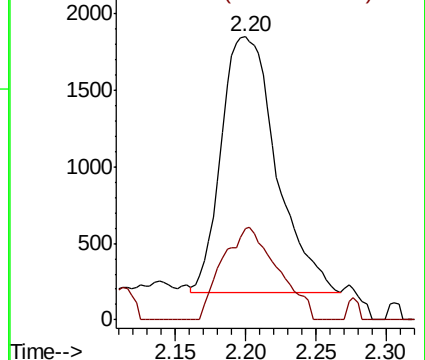
43 100

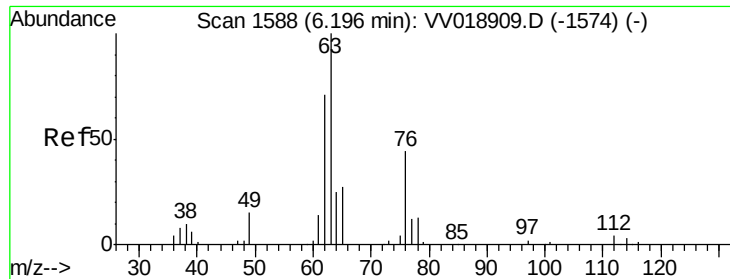
58 24.7 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

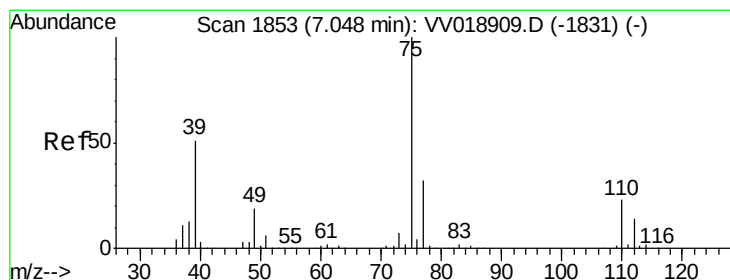
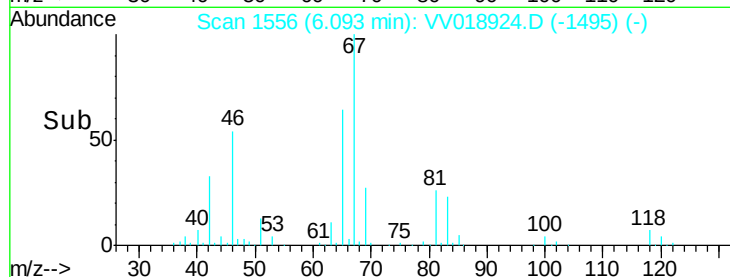
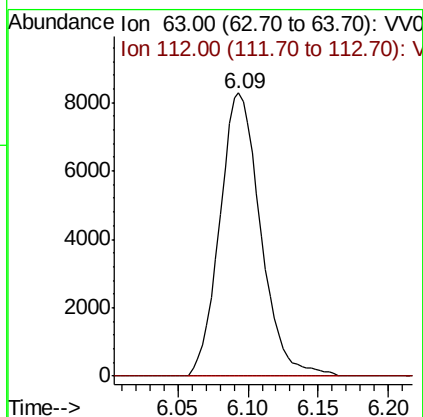
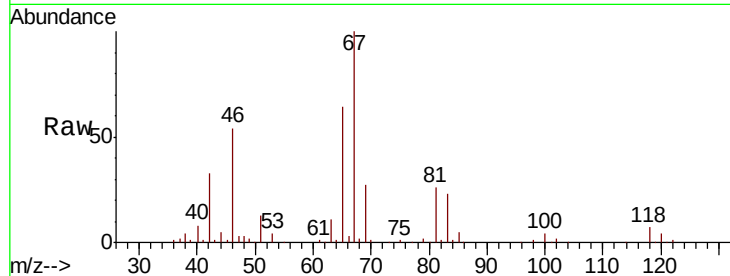




#37
 1,2-Dichloropropane
 Concen: 6.375 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018924.D
 Acq: 15 Oct 2020 20:35

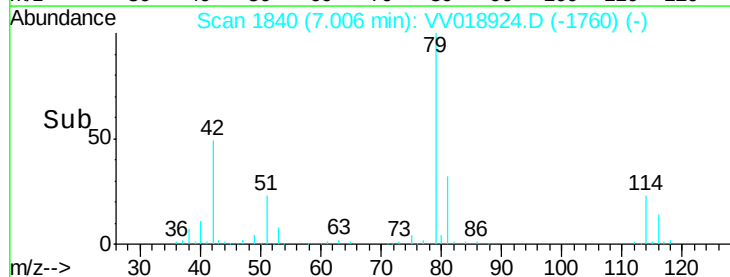
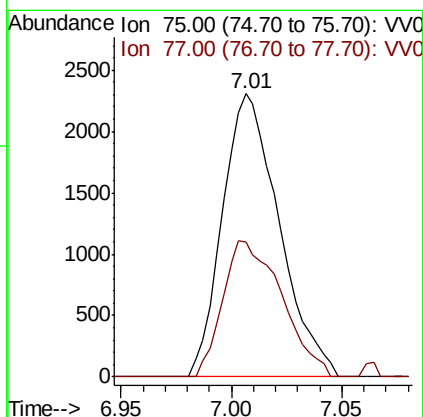
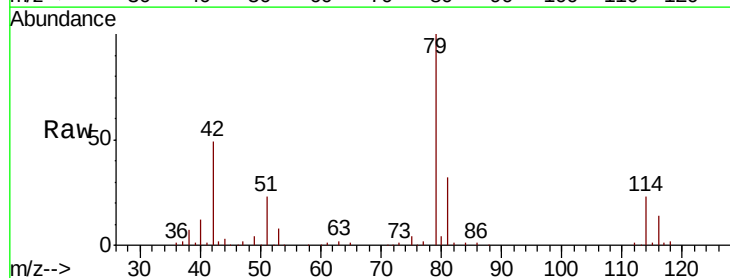
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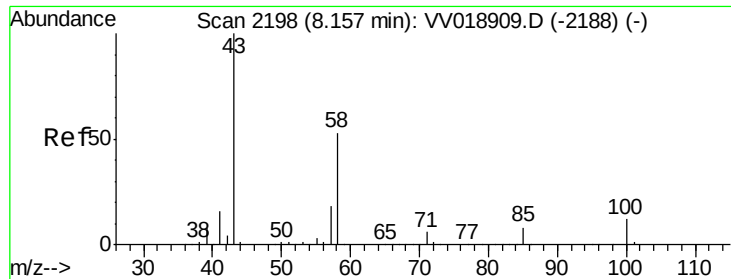
Tot Ion: 63 Resp: 16743
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 1.040 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018924.D
 Acq: 15 Oct 2020 20:35

Tgt Ion: 75 Resp: 4106
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.5 41.9#

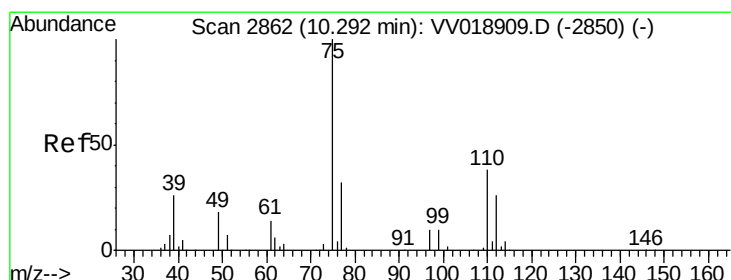
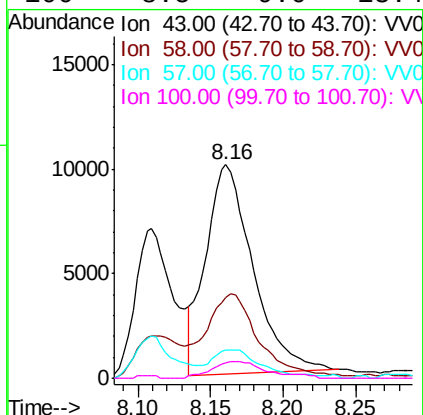
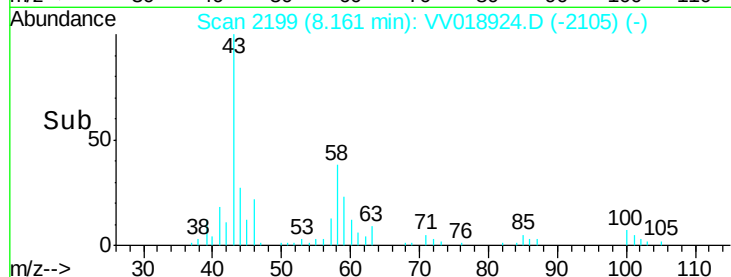
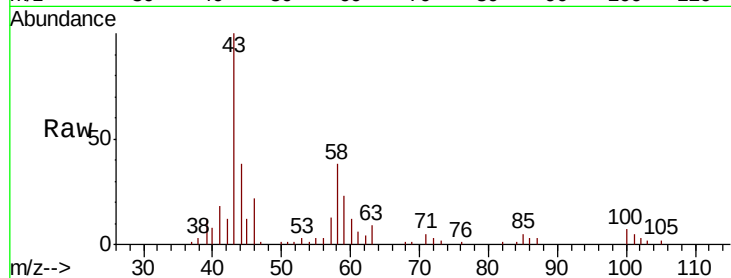




#48
2-Hexanone
Concen: 7.834 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018924.D
Acq: 15 Oct 2020 20:35

Instrument :
MSVOA_V
ClientSampleId :
BG401

Tot Ion: 43 Resp: 22497
Ion Ratio Lower Upper
43 100
58 40.2 42.5 63.7#
57 11.2 14.5 21.7#
100 8.5 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.886 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018924.D
Acq: 15 Oct 2020 20:35

Tgt Ion: 75 Resp: 18713
Ion Ratio Lower Upper
75 100
77 38.0 25.4 38.2

