

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\
 Data File : VV019342.D
 Acq On : 11 Nov 2020 18:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK97

Quant Time: Nov 12 00:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 00:41:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254227	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102916	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.88%
7) Chloroethane-d5	1.58	69	83515	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.42%
11) 1,1-Dichloroethene-d2	2.12	63	143894	37.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.88%
21) 2-Butanone-d5	3.91	46	124254	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.37	84	175363	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.06	65	122180	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.07	84	339565	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
36) 1,2-Dichloropropane-d6	6.09	67	115012	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.64%
41) Toluene-d8	7.34	98	306059	44.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.08%
43) trans-1,3-Dichloropropene-	7.64	79	53130	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.11	63	73609	78.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.80%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	134106	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	122541	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%

Target Compounds

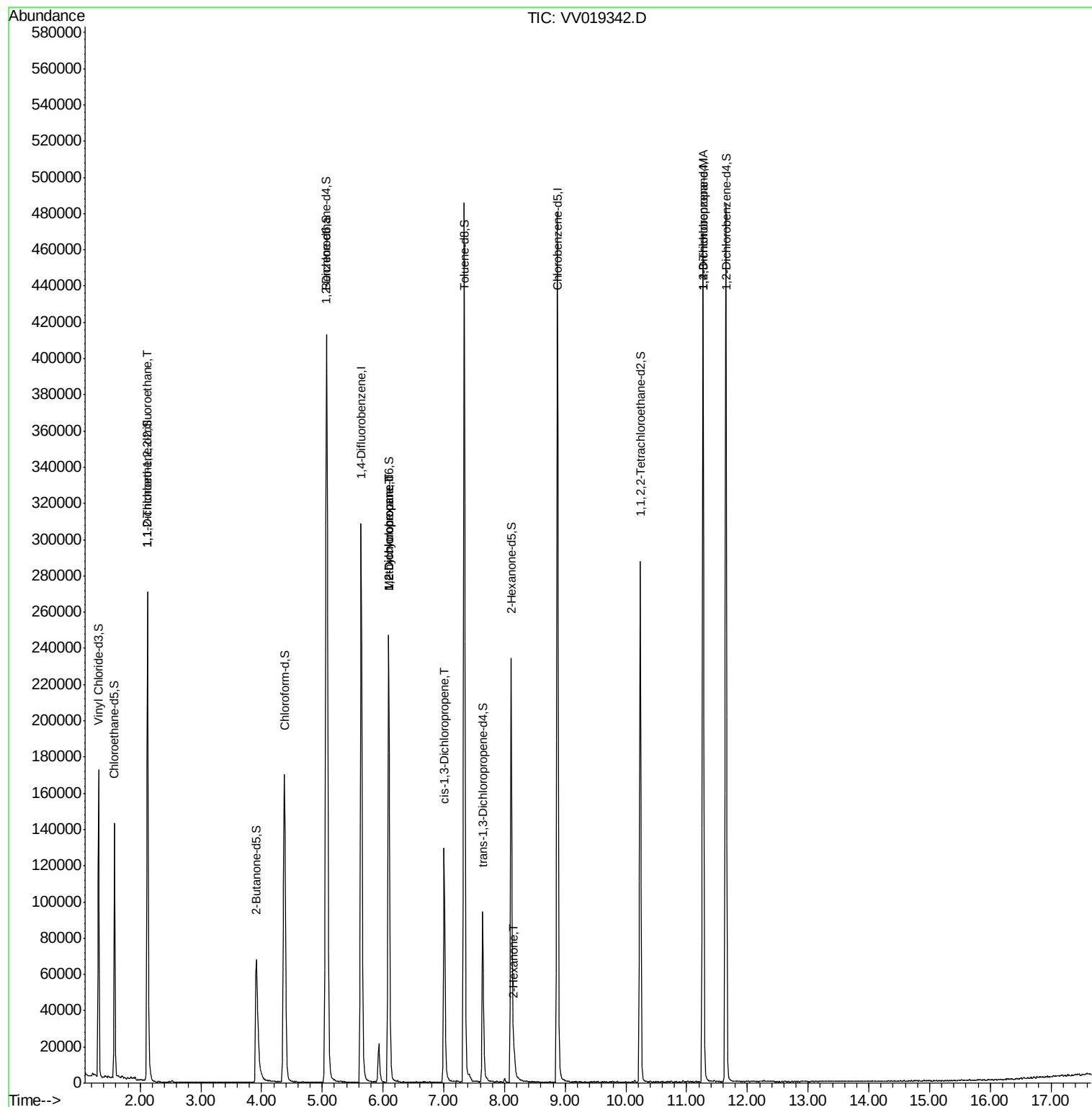
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1276	0.767 ug/L #	18
35) Methylcyclohexane	6.09	83	28201	10.371 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13211	7.235 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3233	1.072 ug/L #	57
48) 2-Hexanone	8.16	43	6030	3.012 ug/L #	47
59) 1,2,3-Trichloropropane	11.27	75	13810	5.786 ug/L	91

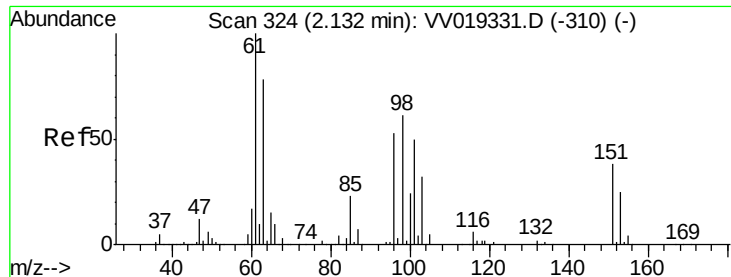
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.767 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019342.D

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ClientSampleId :

VIBLK97

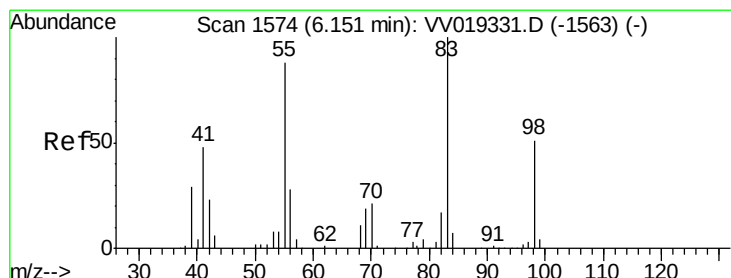
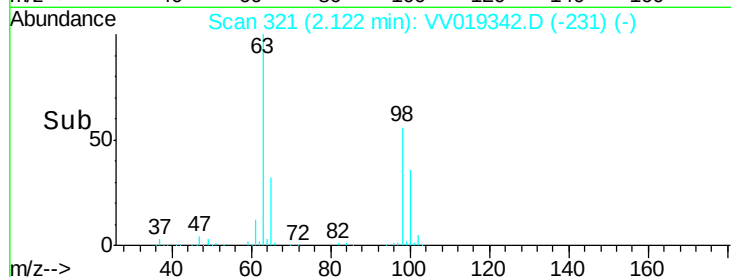
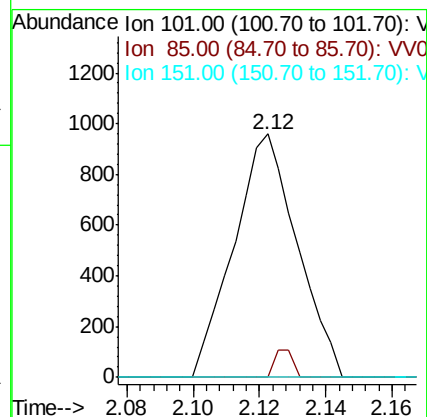
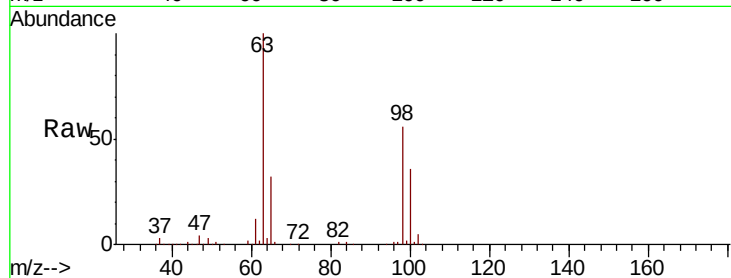
Tot Ion:101 Resp: 1276

Ion Ratio Lower Upper

101 100

85 3.2 36.1 54.1#

151 0.0 65.0 97.4#



#35

Methylcyclohexane

Concen: 10.371 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019342.D

Acq: 11 Nov 2020 18:01

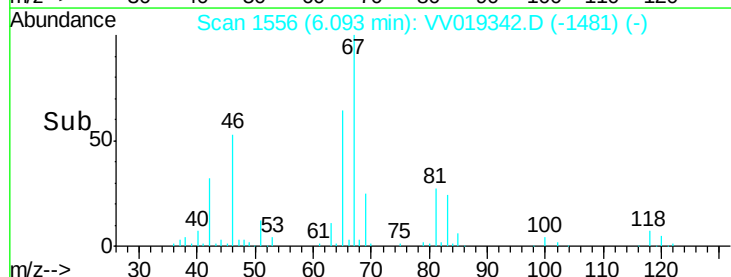
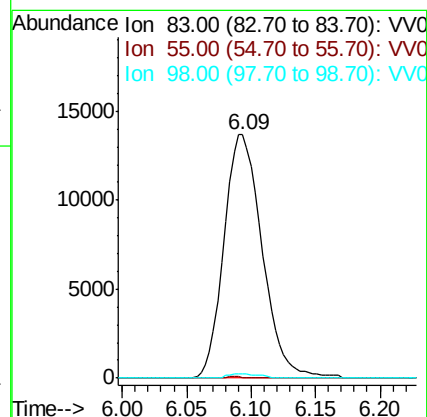
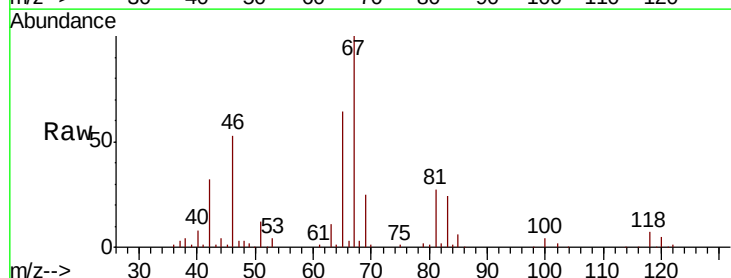
Tgt Ion: 83 Resp: 28201

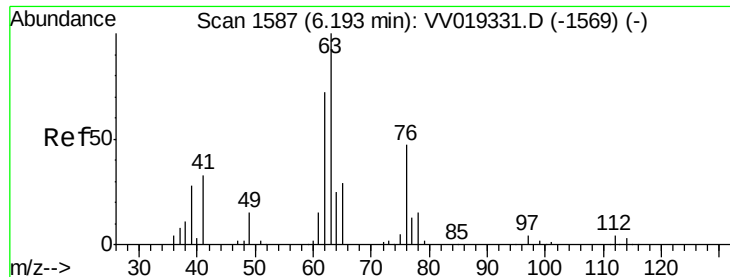
Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.4#

98 1.1 39.4 59.2#

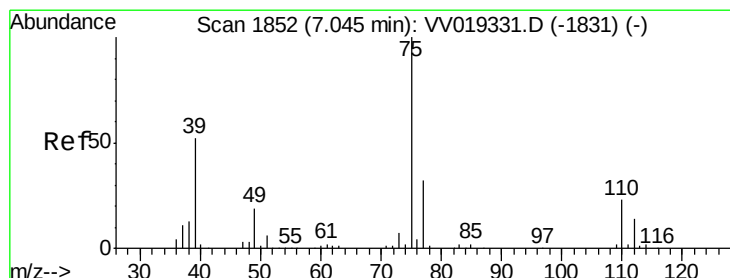
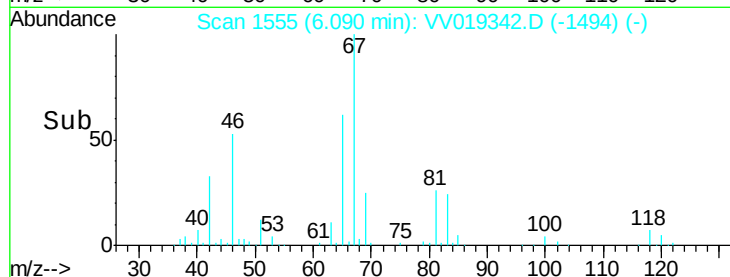
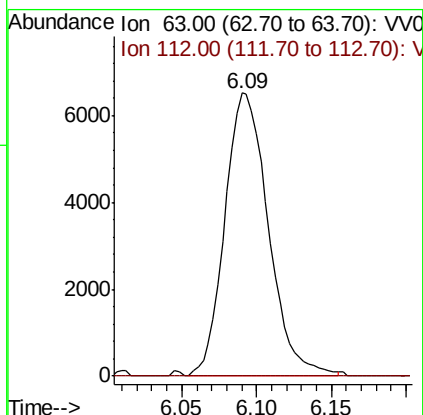
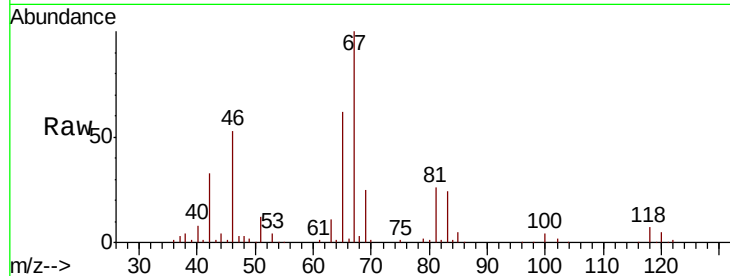




#37
 1,2-Dichloropropane
 Concen: 7.235 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV019342.D
 Acq: 11 Nov 2020 18:01

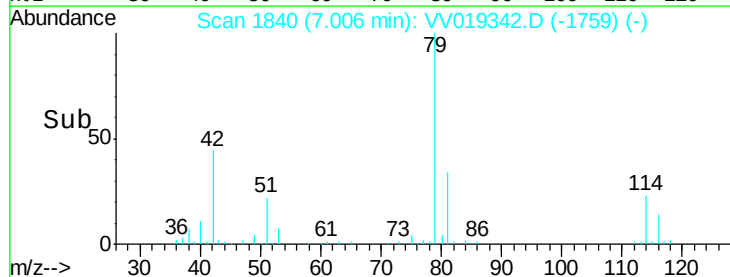
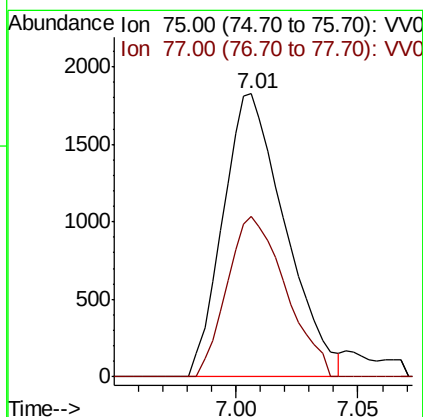
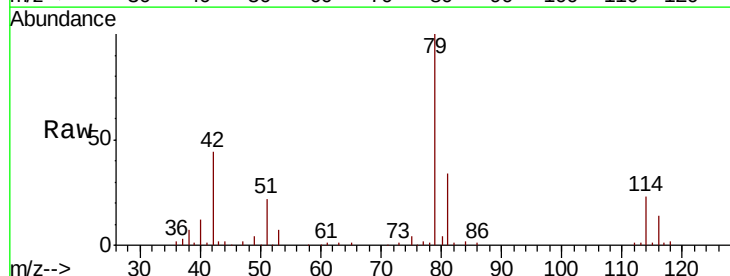
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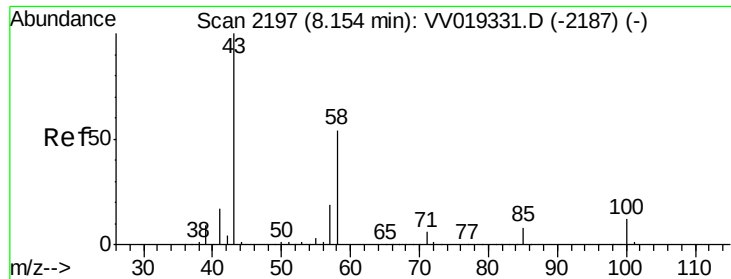
Tot Ion: 63 Resp: 13211
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.072 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019342.D
 Acq: 11 Nov 2020 18:01

Tgt Ion: 75 Resp: 3233
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.7 42.1#

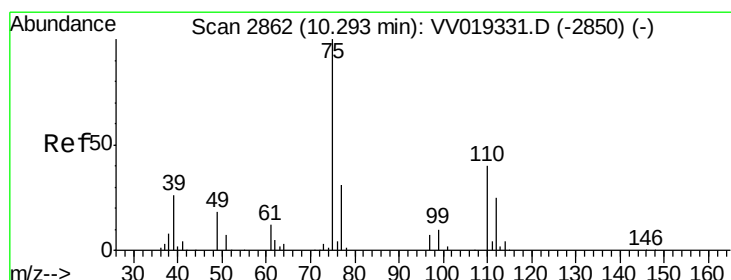
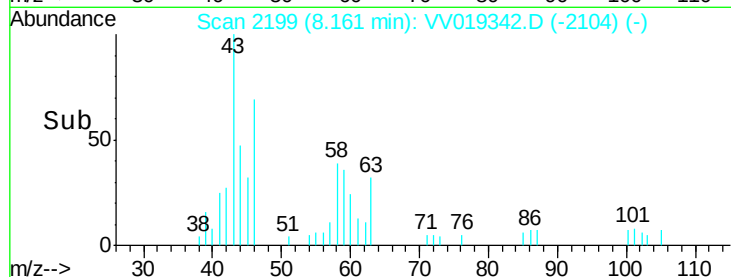
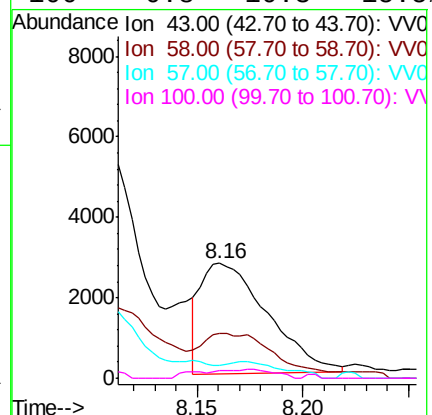
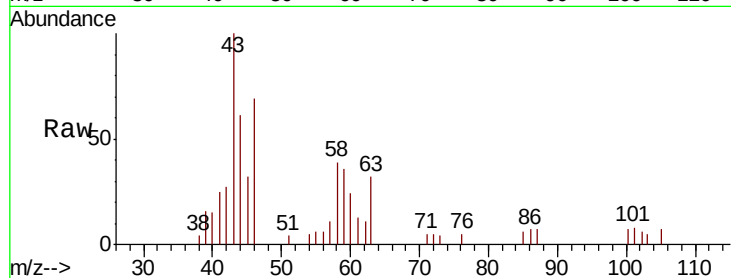




#48
2-Hexanone
Concen: 3.012 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019342.D
Acq: 11 Nov 2020 18:01

Instrument :
MSVOA_V
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Tot Ion: 43 Resp: 6030
Ion Ratio Lower Upper
43 100
58 7.4 43.6 65.4#
57 4.8 16.0 24.0#
100 0.8 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 5.786 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019342.D
Acq: 11 Nov 2020 18:01

Tgt Ion: 75 Resp: 13810
Ion Ratio Lower Upper
75 100
77 37.7 26.2 39.4

