

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018975.D
 Acq On : 19 Oct 2020 17:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK64

Quant Time: Oct 20 01:08:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103594	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.88%
7) Chloroethane-d5	1.58	69	95967	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.90%
11) 1,1-Dichloroethene-d2	2.12	63	166193	32.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.34%
21) 2-Butanone-d5	3.91	46	171977	91.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.55%
24) Chloroform-d	4.38	84	216377	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
26) 1,2-Dichloroethane-d4	5.06	65	151118	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.08	84	433863	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.09	67	142735	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.34	98	348613	43.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.86%
43) trans-1,3-Dichloropropene-	7.64	79	54843	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
47) 2-Hexanone-d5	8.11	63	80359	75.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.61%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	130630	38.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	143213	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

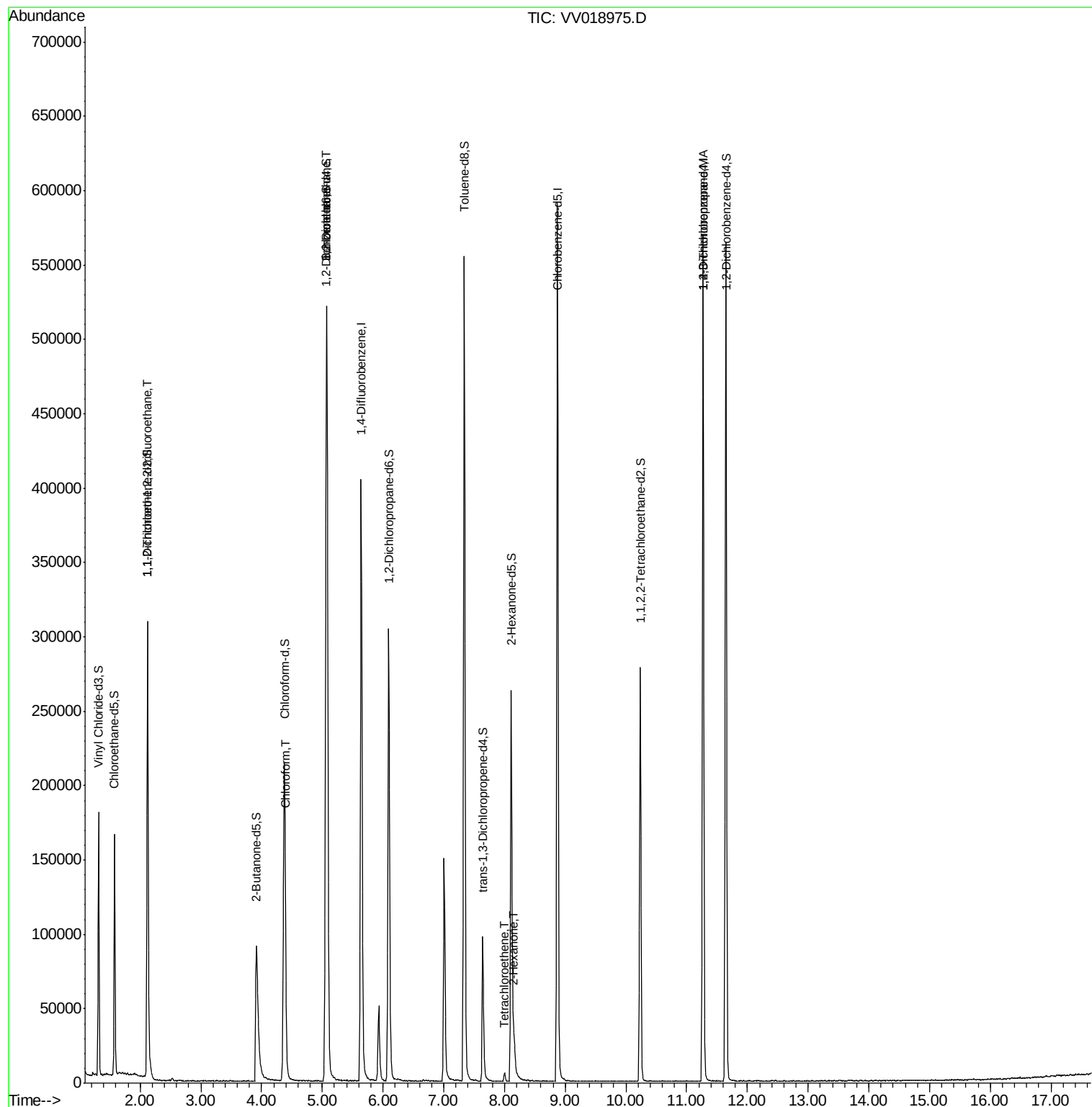
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1473	0.694 ug/L #	20
25) Chloroform	4.40	83	4091	0.875 ug/L	98
27) 1,2-Dichloroethane	5.07	62	2772	0.726 ug/L	98
46) Tetrachloroethene	8.00	164	1448	0.758 ug/L	86
48) 2-Hexanone	8.16	43	15540	5.650 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	16433	5.397 ug/L	91

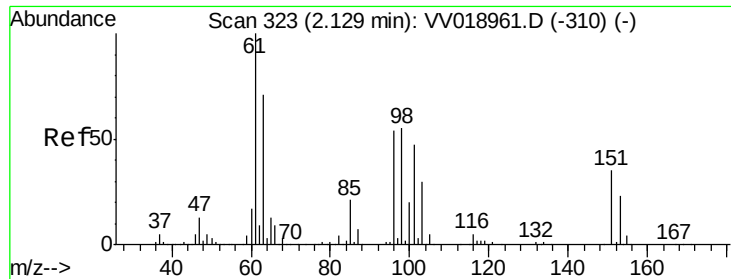
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 01:05:12 2020
Response via : Initial Calibration





#10

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

Concen: 0.694 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018975.D

Acq: 19 Oct 2020 17:09

Instrument :

MSVOA_V

ClientSampled :

VIBLK64

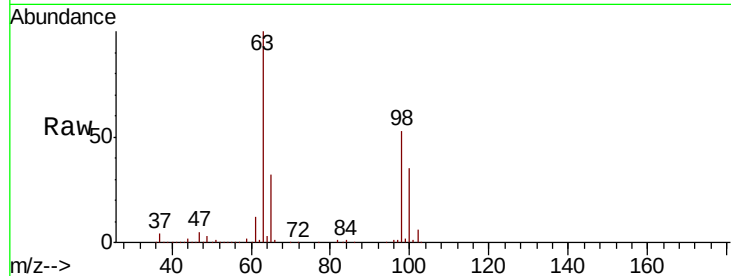
Tot Ion:101 Resp: 1473

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

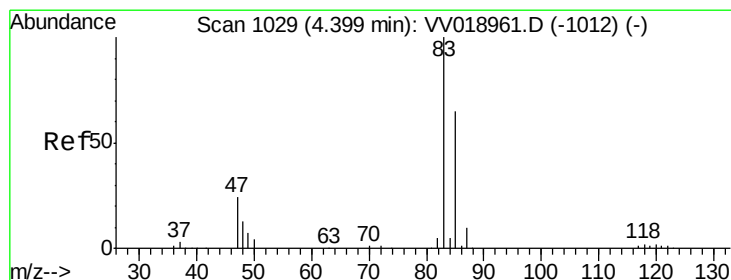
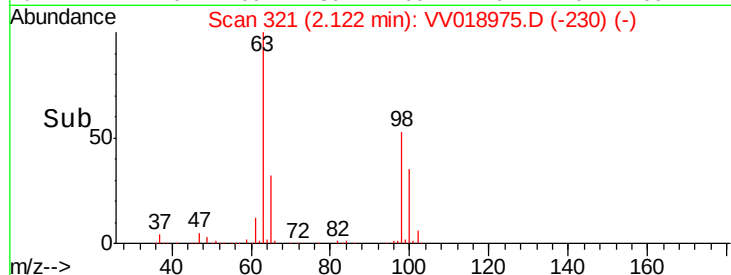
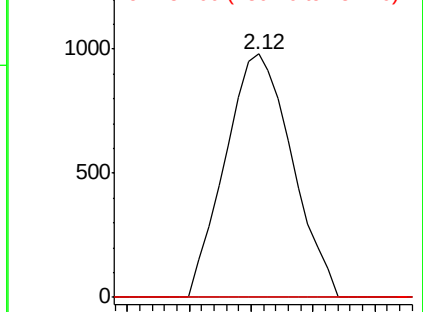
151 0.0 59.7 89.5#



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: 0.875 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV018975.D

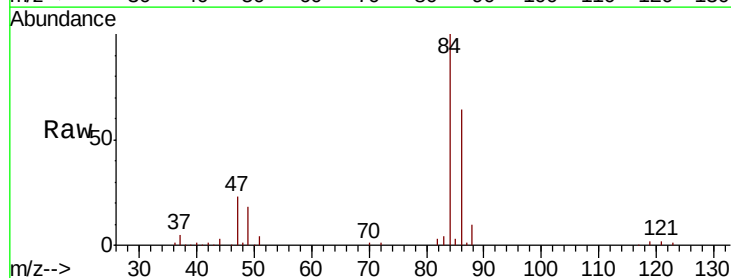
Acq: 19 Oct 2020 17:09

Tgt Ion: 83 Resp: 4091

Ion Ratio Lower Upper

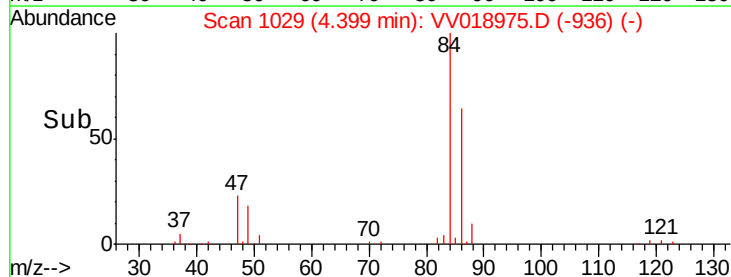
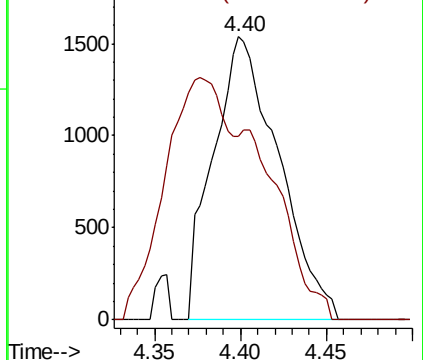
83 100

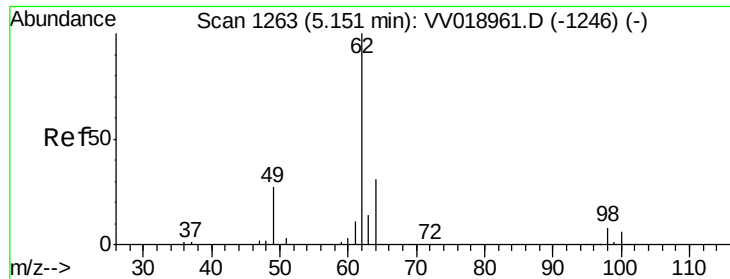
85 64.9 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

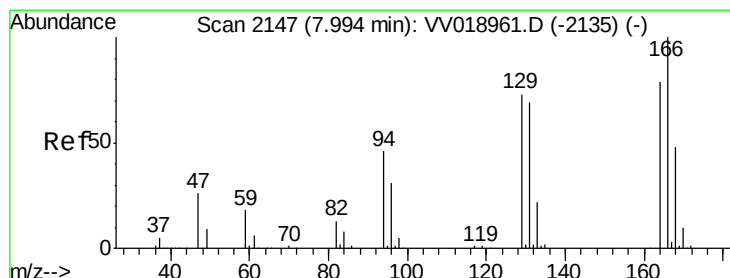
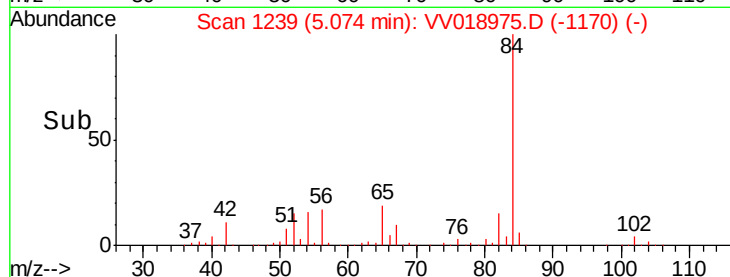
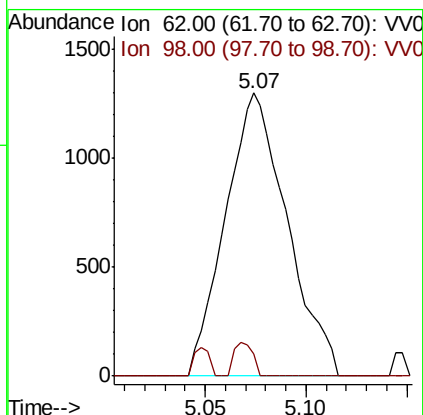
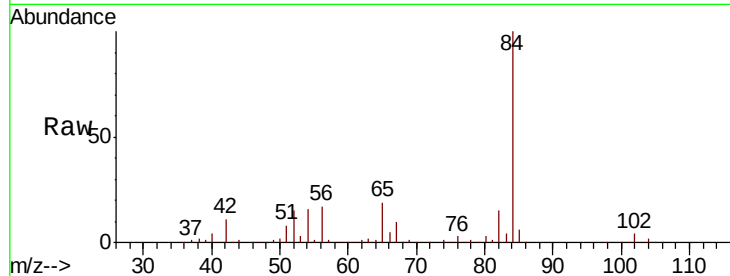




#27
 1,2-Dichloroethane
 Concen: 0.726 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018975.D
 Acq: 19 Oct 2020 17:09

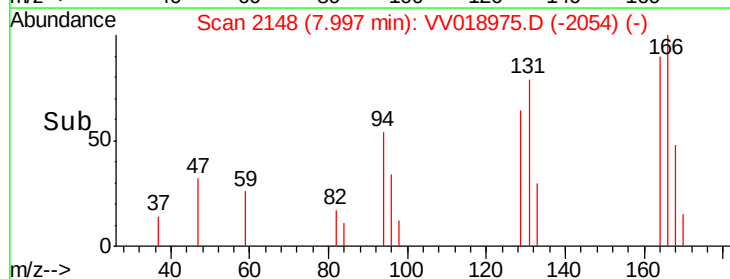
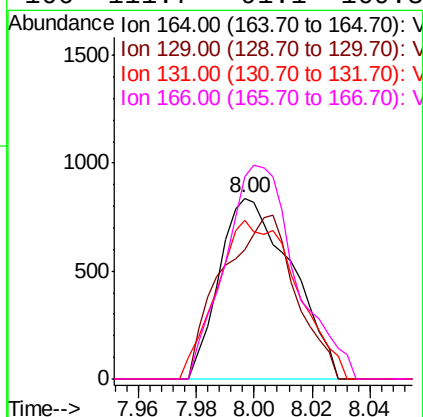
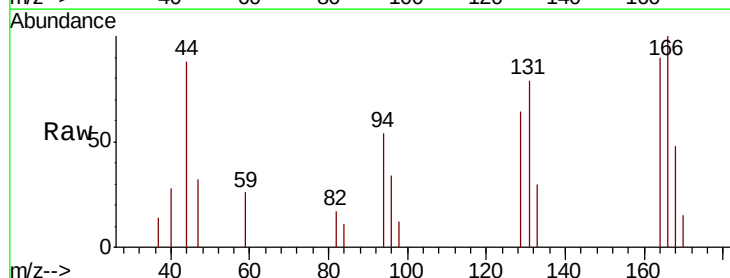
Instrument :
 MSVOA_V
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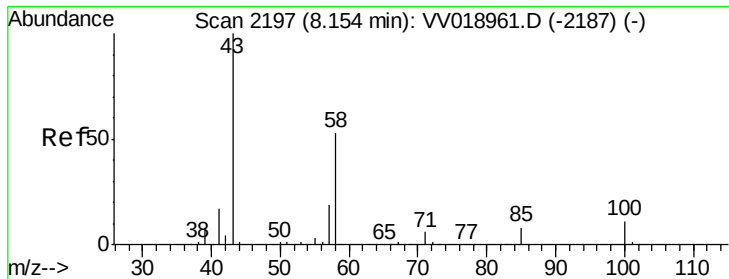
Tot Ion: 62 Resp: 2772
 Ion Ratio Lower Upper
 62 100
 98 8.1 7.0 10.6



#46
 Tetrachloroethene
 Concen: 0.758 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018975.D
 Acq: 19 Oct 2020 17:09

Tgt Ion: 164 Resp: 1448
 Ion Ratio Lower Upper
 164 100
 129 71.6 65.0 120.8
 131 87.7 62.9 116.7
 166 111.7 91.1 169.3

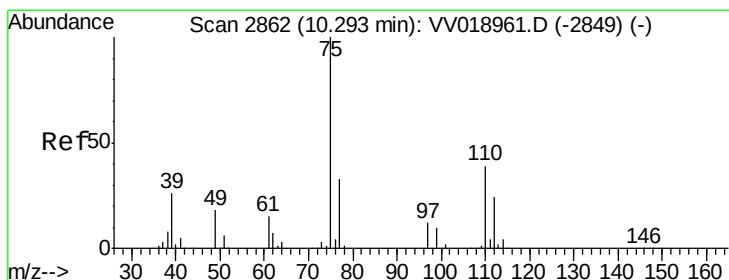
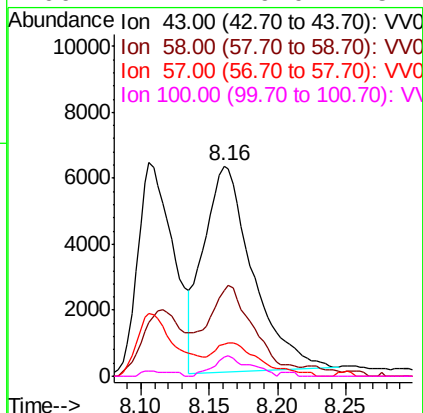
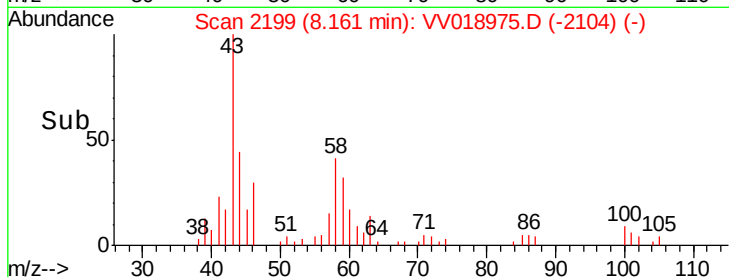
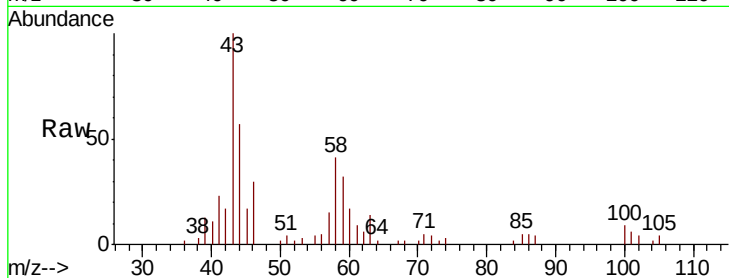




#48
2-Hexanone
Concen: 5.650 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018975.D
Acq: 19 Oct 2020 17:09

Instrument :
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VIBLK64

Tot Ion: 43 Resp: 15540
Ion Ratio Lower Upper
43 100
58 32.9 42.5 63.7#
57 12.4 14.5 21.7#
100 7.2 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.397 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018975.D
Acq: 19 Oct 2020 17:09

Tgt Ion: 75 Resp: 16433
Ion Ratio Lower Upper
75 100
77 37.1 25.4 38.2

