

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018649.D
 Acq On : 03 Oct 2020 00:43
 Operator : SY/MD
 Sample : L4203-08DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9DL2

Quant Time: Oct 03 02:12:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294624	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77614	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.84%
7) Chloroethane-d5	1.58	69	65525	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.72%
11) 1,1-Dichloroethene-d2	2.12	63	126503	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	3.90	46	108752	84.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	4.38	84	160792	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.06	65	108436	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
32) Benzene-d6	5.07	84	308967	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.18%
36) 1,2-Dichloropropane-d6	6.09	67	96581	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.06%
41) Toluene-d8	7.34	98	281905	40.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.66%
43) trans-1,3-Dichloropropene-	7.64	79	47659	39.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.60%
47) 2-Hexanone-d5	8.11	63	61511	72.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	114971	38.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	126158	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%

Target Compounds

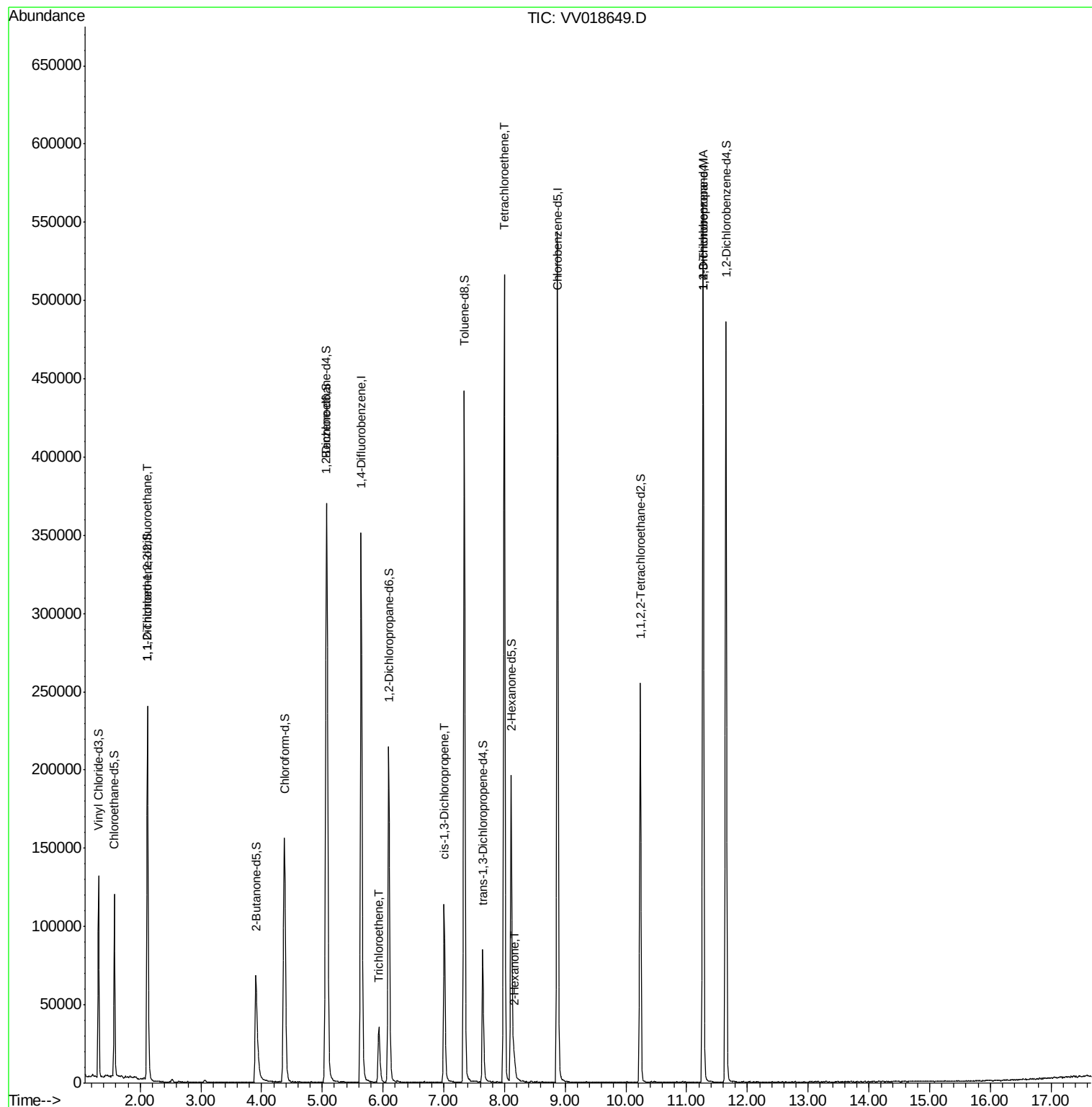
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1268	0.661 ug/L #	17
34) Trichloroethene	5.94	95	4215	1.685 ug/L	93
39) cis-1,3-Dichloropropene	7.01	75	2931	0.845 ug/L #	69
46) Tetrachloroethene	8.00	164	116971	57.637 ug/L	99
48) 2-Hexanone	8.16	43	8081	3.631 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	15950	5.932 ug/L	91

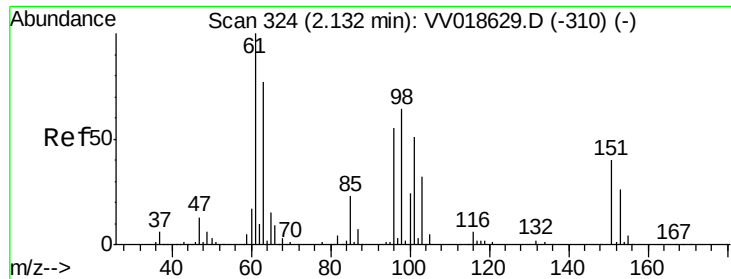
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 02:08:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018649.D

Acq: 03 Oct 2020 00:43

Instrument :

MSVOA_V

ClientSampleId :

BG3N9DL2

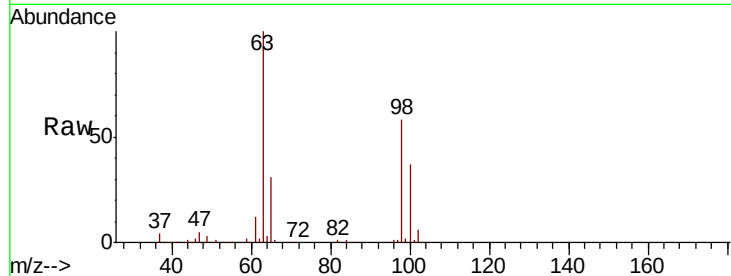
Tot Ion:101 Resp: 1268

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

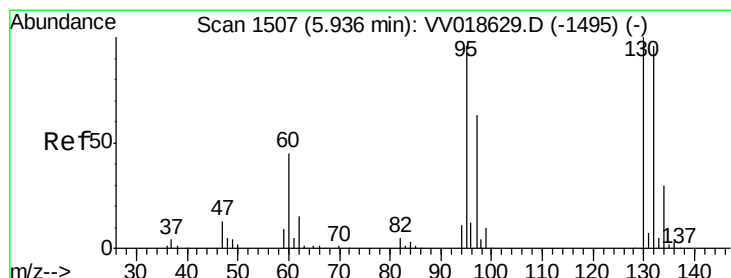
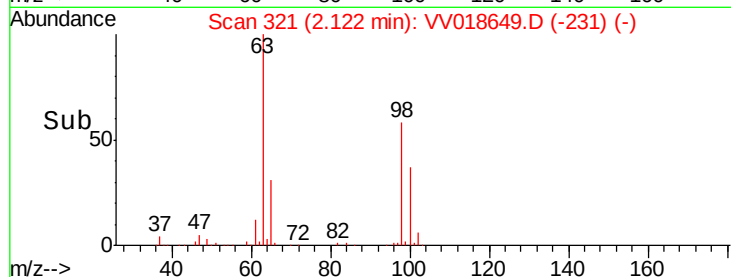
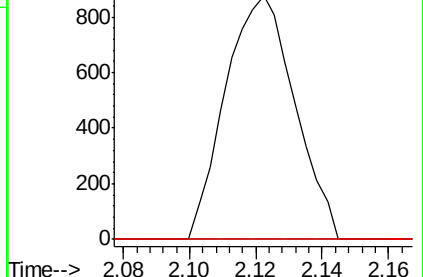
151 0.0 64.3 96.5#



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



#34

Trichloroethene

Concen: 1.685 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018649.D

Acq: 03 Oct 2020 00:43

Tgt Ion: 95 Resp: 4215

Ion Ratio Lower Upper

95 100

97 70.6 45.9 85.3

132 104.0 70.8 131.4

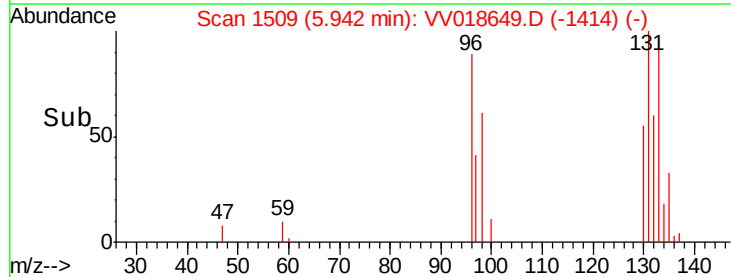
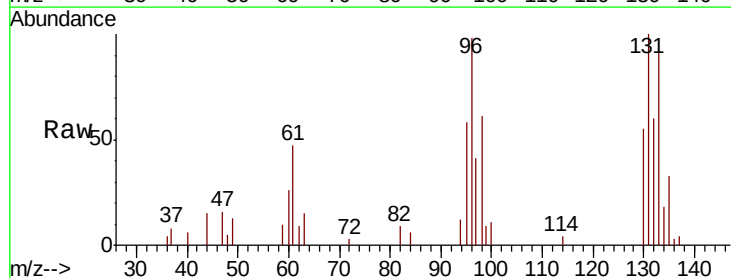
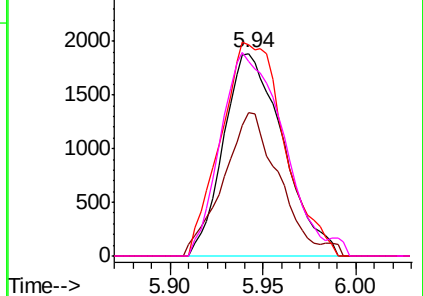
130 95.7 75.3 139.8

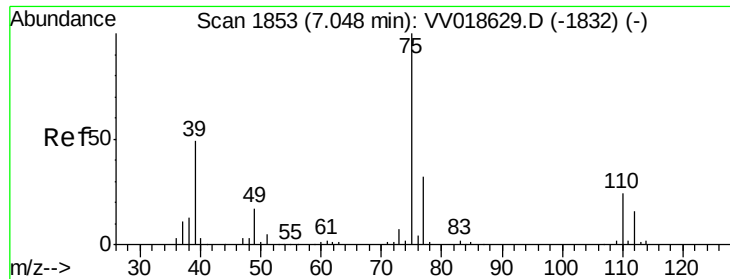
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

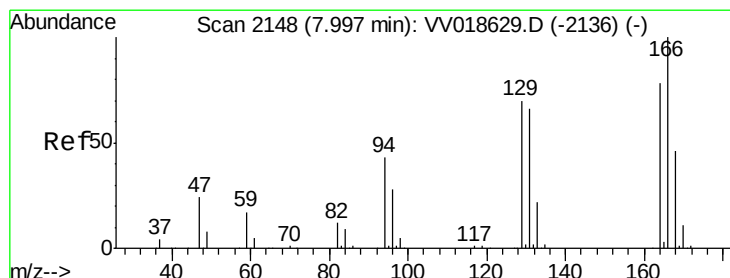
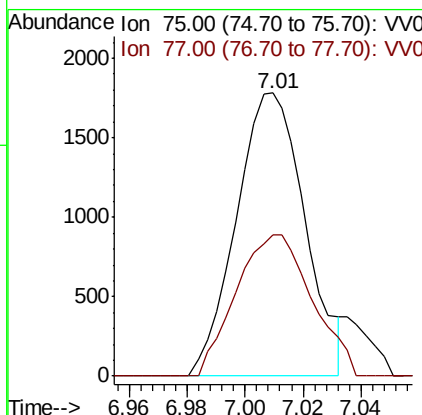
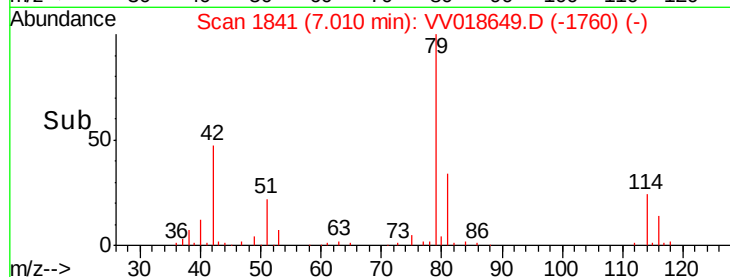
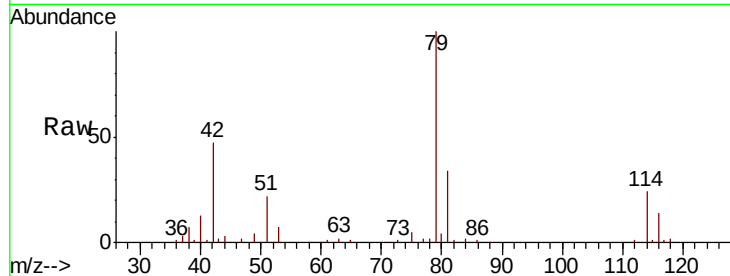




#39
 cis-1,3-Dichloropropene
 Concen: 0.845 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018649.D
 Acq: 03 Oct 2020 00:43

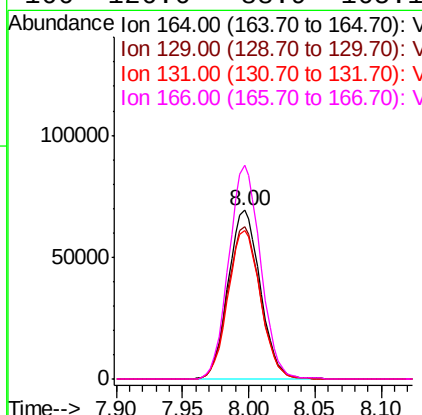
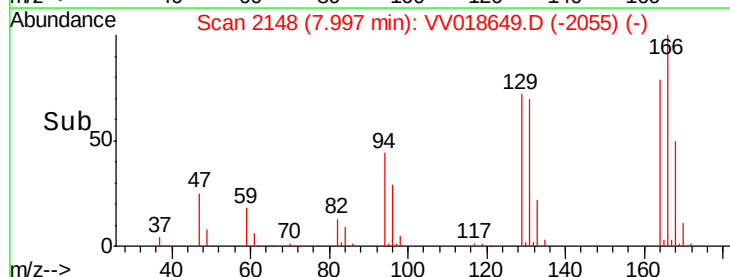
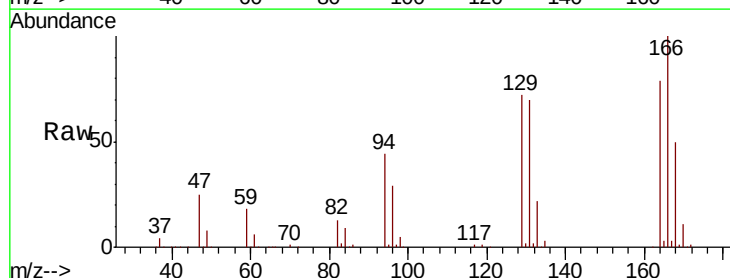
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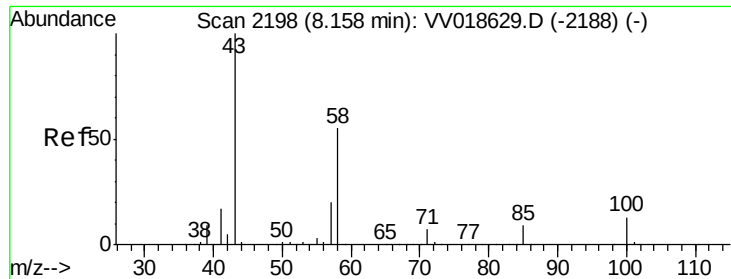
Tot Ion: 75 Resp: 2931
 Ion Ratio Lower Upper
 75 100
 77 50.1 23.0 42.6#



#46
 Tetrachloroethene
 Concen: 57.637 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV018649.D
 Acq: 03 Oct 2020 00:43

Tgt Ion: 164 Resp: 116971
 Ion Ratio Lower Upper
 164 100
 129 90.6 62.8 116.6
 131 88.3 60.8 112.8
 166 126.6 88.9 165.1

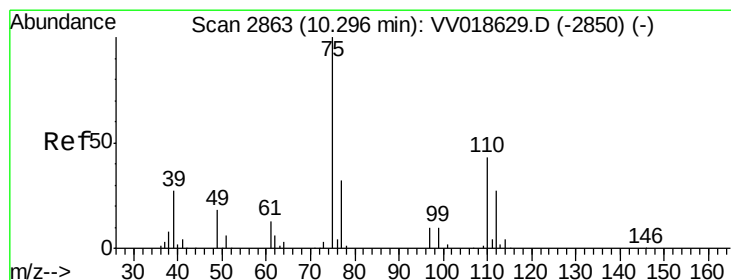
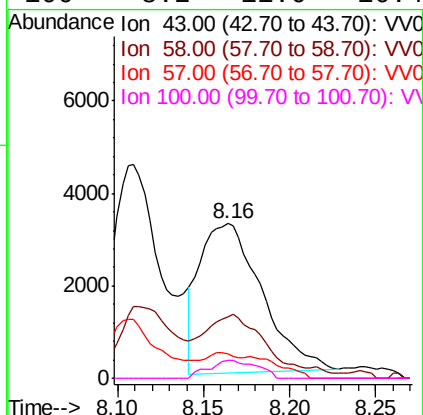
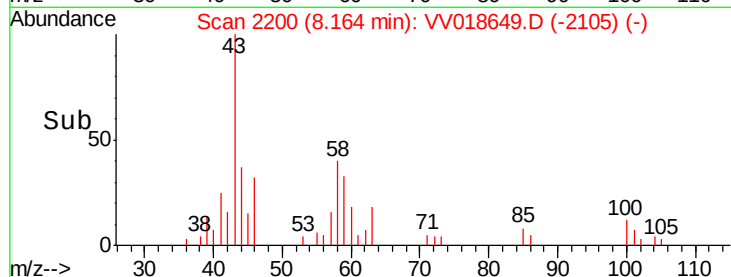
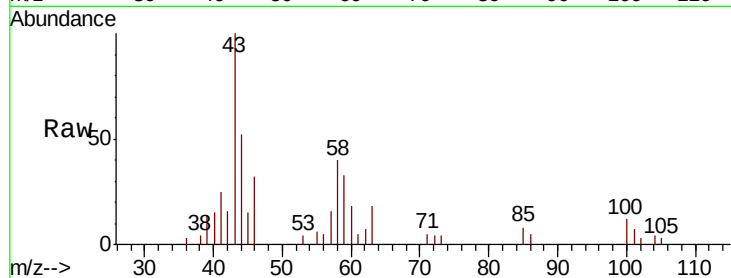




#48
2-Hexanone
Concen: 3.631 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018649.D
Acq: 03 Oct 2020 00:43

Instrument :
MSVOA_V
ClientSampleId :
BG3N9DL2

Tot Ion: 43 Resp: 8081
Ion Ratio Lower Upper
43 100
58 38.3 45.1 67.7#
57 2.4 15.7 23.5#
100 8.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.932 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018649.D
Acq: 03 Oct 2020 00:43

Tgt Ion: 75 Resp: 15950
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.0

