

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019049.D
 Acq On : 21 Oct 2020 15:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK62

Quant Time: Oct 22 06:09:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264603	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137855	63.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.58%
7) Chloroethane-d5	1.58	69	113044	65.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.02%#
11) 1,1-Dichloroethene-d2	2.12	63	203838	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.14%
21) 2-Butanone-d5	3.91	46	170230	112.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.13%
24) Chloroform-d	4.38	84	202159	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
26) 1,2-Dichloroethane-d4	5.06	65	149632	57.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.20%
32) Benzene-d6	5.08	84	399682	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
36) 1,2-Dichloropropane-d6	6.09	67	125375	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.24%
41) Toluene-d8	7.34	98	354708	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%
43) trans-1,3-Dichloropropene-	7.64	79	63463	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.11	63	85232	85.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152813	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	147894	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

Target Compounds

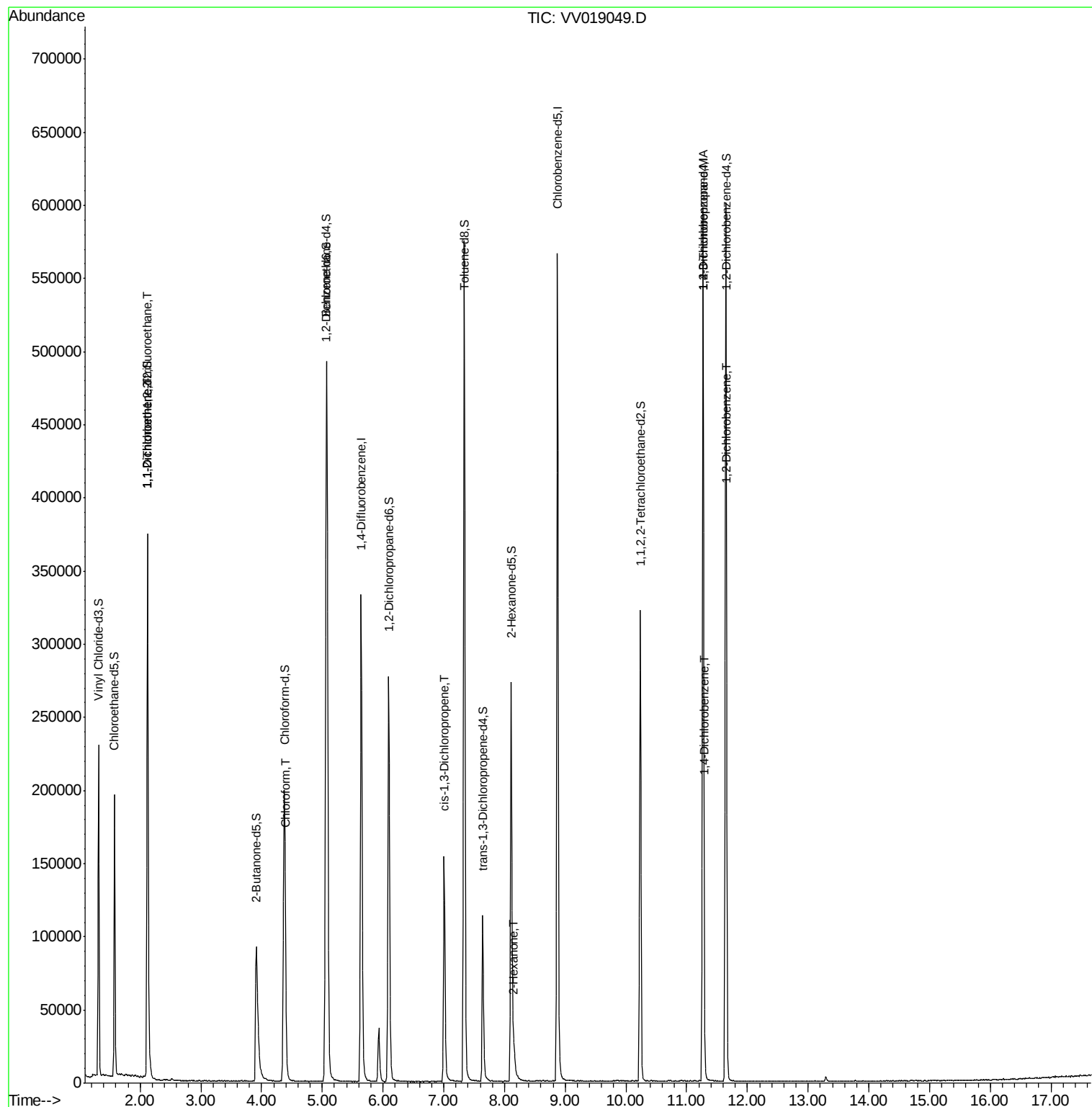
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1719	1.001	ug/L # 20
12) 1,1-Dichloroethene	2.12	96	1566	0.900	ug/L # 1
25) Chloroform	4.40	83	3325	0.880	ug/L # 73
39) cis-1,3-Dichloropropene	7.01	75	4466	1.257	ug/L # 71
48) 2-Hexanone	8.16	43	12152	4.701	ug/L # 75
59) 1,2,3-Trichloropropane	11.27	75	19329	6.754	ug/L 90
63) 1,4-Dichlorobenzene	11.30	146	3613	0.777	ug/L 96
65) 1,2-Dichlorobenzene	11.67	146	3892	0.872	ug/L 93

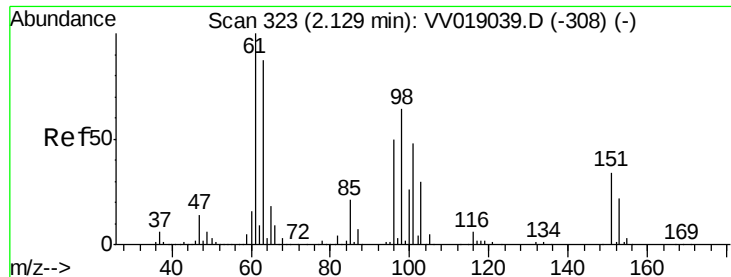
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102120\
Data File : VV019049.D
Acq On : 21 Oct 2020 15:00
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK62

Quant Time: Oct 22 06:09:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#10

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

Concen: 1.001 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019049.D

Acq: 21 Oct 2020 15:00

Instrument :

MSVOA_V

ClientSampled :

VIBLK62

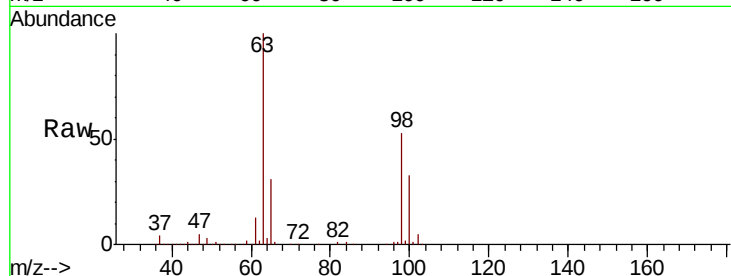
Tot Ion:101 Resp: 1719

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

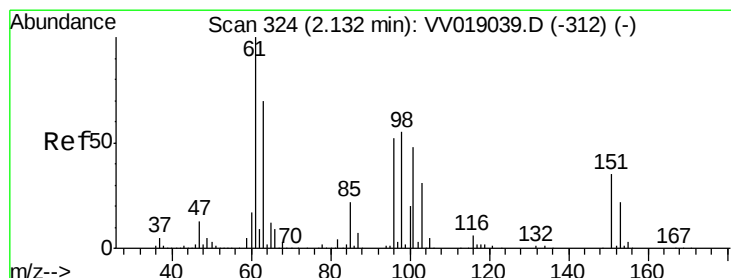
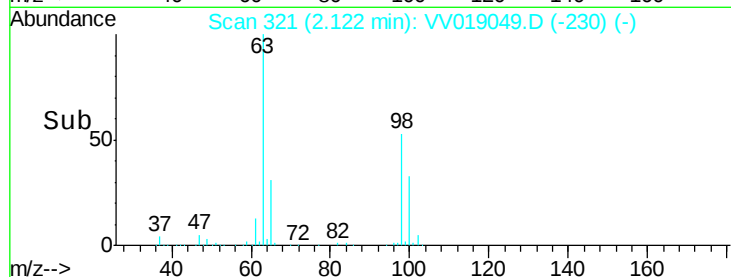
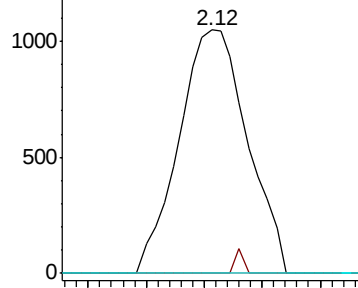
151 0.0 59.7 89.5#



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



#12

1,1-Dichloroethene

Concen: 0.900 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019049.D

Acq: 21 Oct 2020 15:00

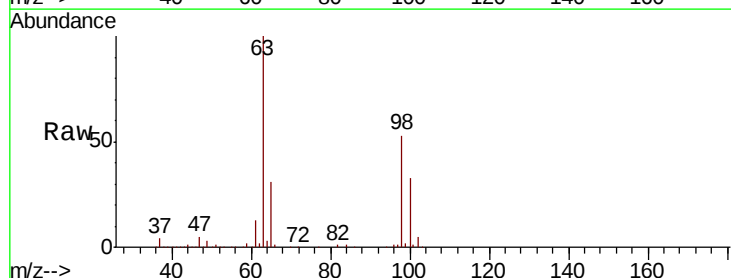
Tgt Ion: 96 Resp: 1566

Ion Ratio Lower Upper

96 100

61 1930.5 133.5 247.9#

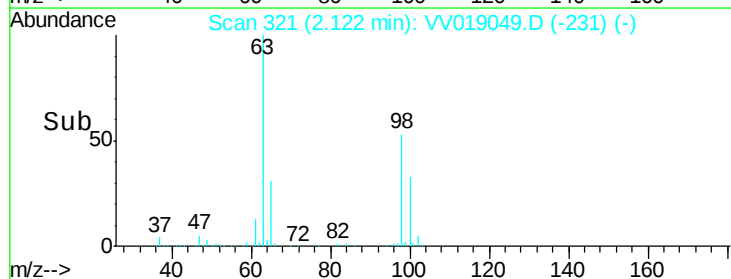
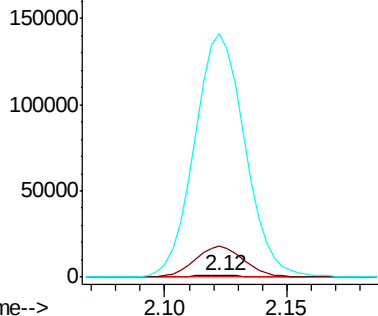
63 15237.1 102.1 189.7#

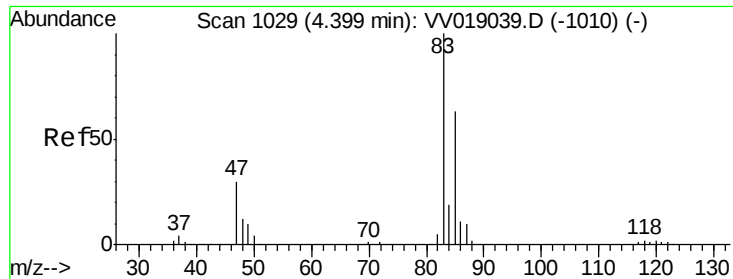


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

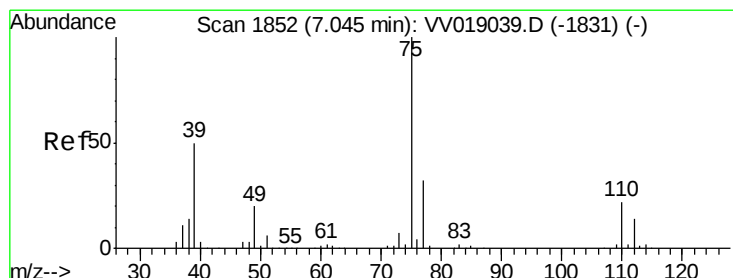
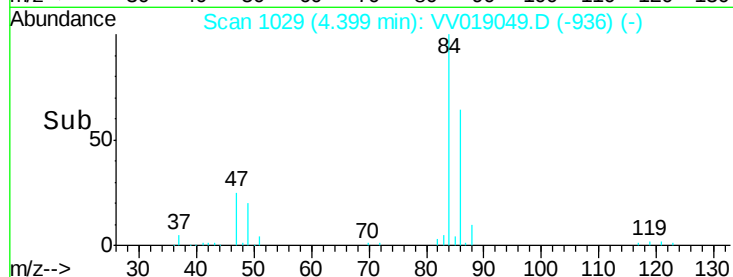
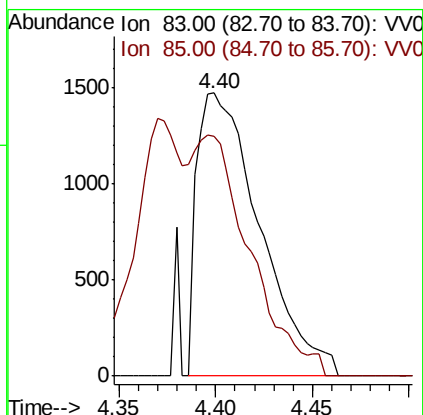
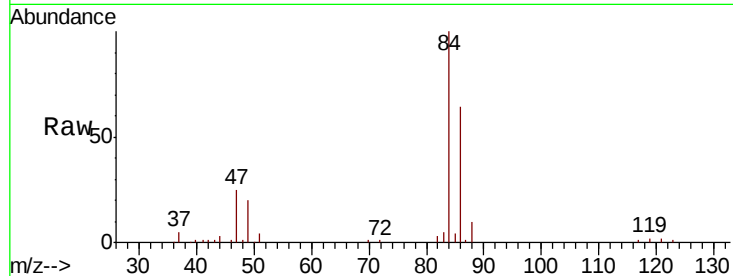




#25
Chloroform
Concen: 0.880 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV019049.D
Acq: 21 Oct 2020 15:00

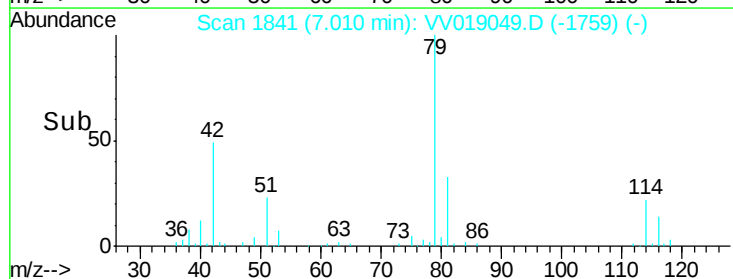
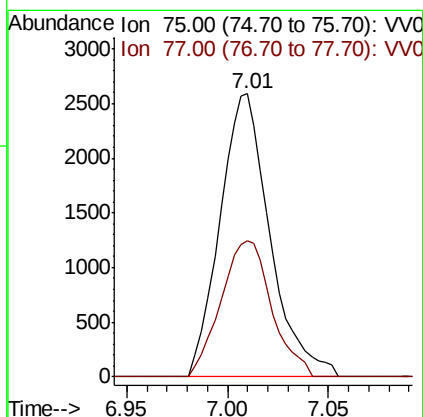
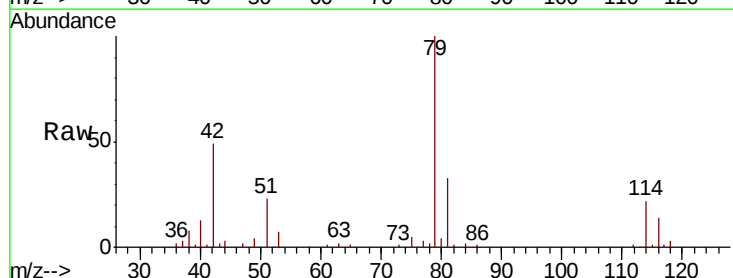
Instrument :
MSVOA_V
ClientSampleId :
VIBLK62

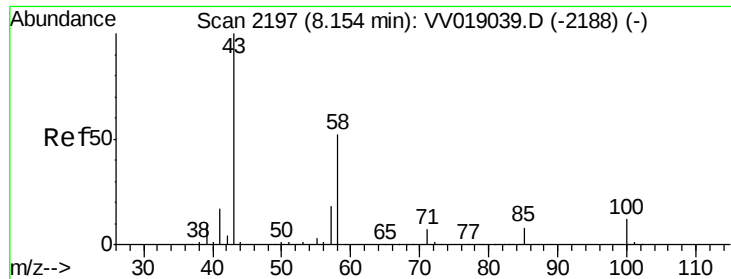
Tot Ion: 83 Resp: 3325
Ion Ratio Lower Upper
83 100
85 84.8 44.6 82.8#



#39
cis-1,3-Dichloropropene
Concen: 1.257 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV019049.D
Acq: 21 Oct 2020 15:00

Tgt Ion: 75 Resp: 4466
Ion Ratio Lower Upper
75 100
77 48.3 22.5 41.9#

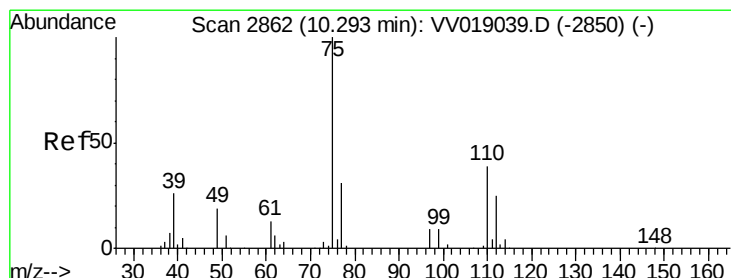
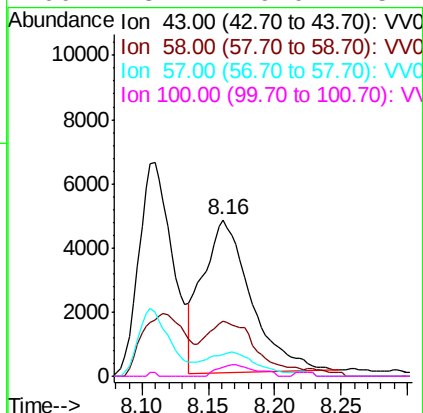
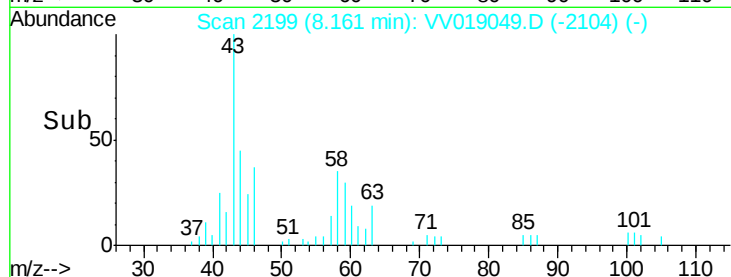
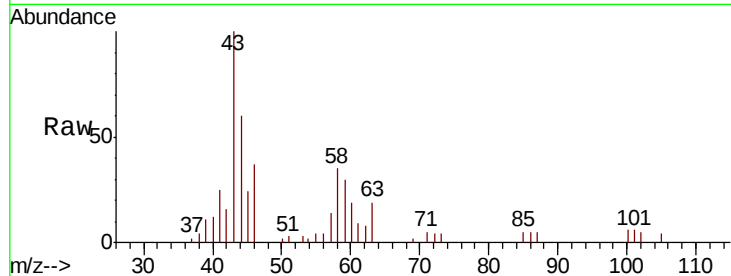




#48
2-Hexanone
Concen: 4.701 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019049.D
Acq: 21 Oct 2020 15:00

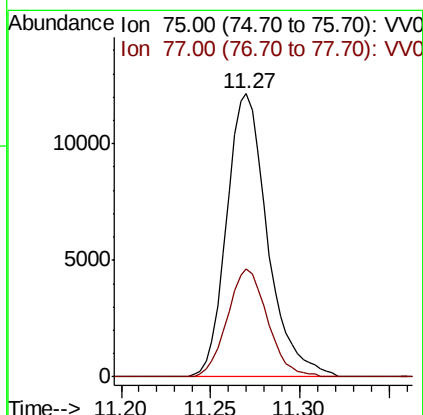
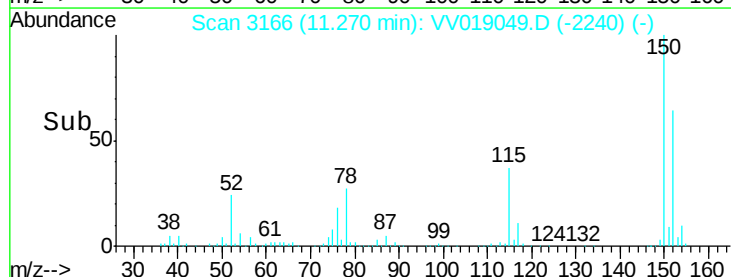
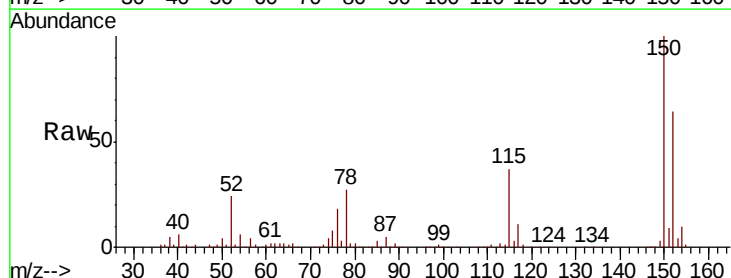
Instrument :
MSVOA_V
ClientSampleId :
VIBLK62

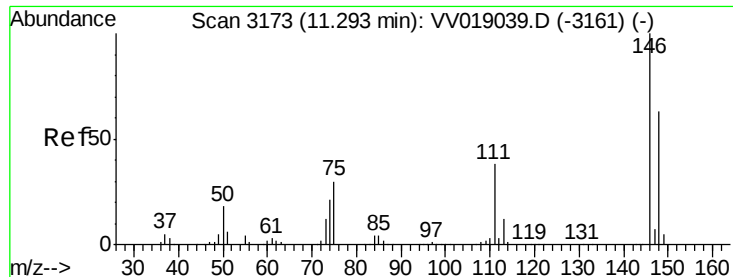
Tot Ion: 43 Resp: 12152
Ion Ratio Lower Upper
43 100
58 31.2 42.5 63.7#
57 11.2 14.5 21.7#
100 5.1 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 6.754 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019049.D
Acq: 21 Oct 2020 15:00

Tgt Ion: 75 Resp: 19329
Ion Ratio Lower Upper
75 100
77 37.2 25.4 38.2





#63

1,4-Dichlorobenzene

Concen: 0.777 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV019049.D

Acq: 21 Oct 2020 15:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK62

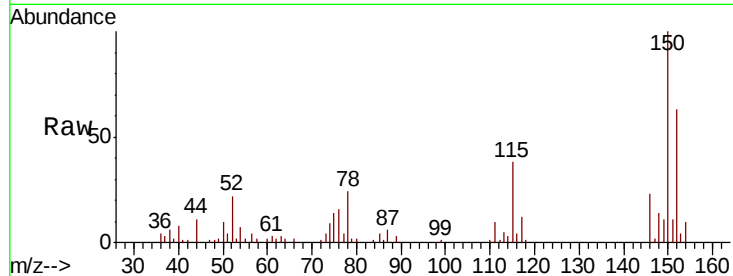
Tot Ion:146 Resp: 3613

Ion Ratio Lower Upper

146 100

111 41.9 27.5 51.1

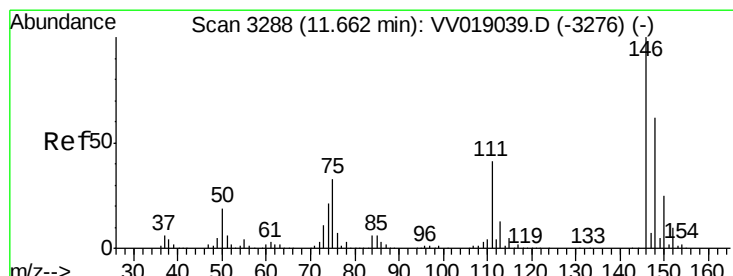
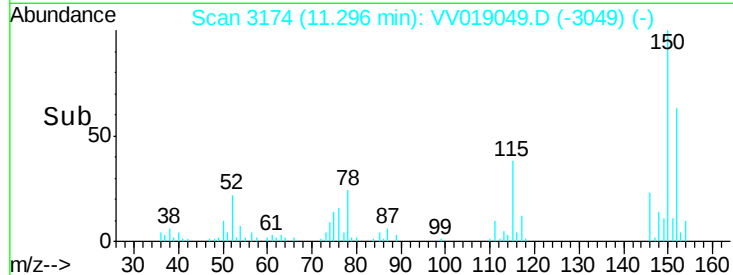
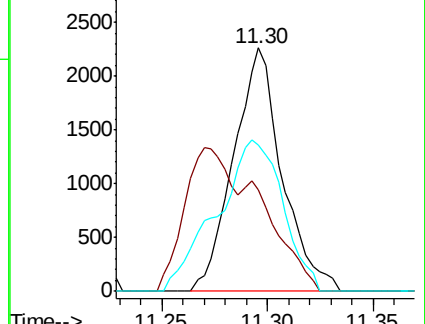
148 60.2 44.1 81.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.872 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019049.D

Acq: 21 Oct 2020 15:00

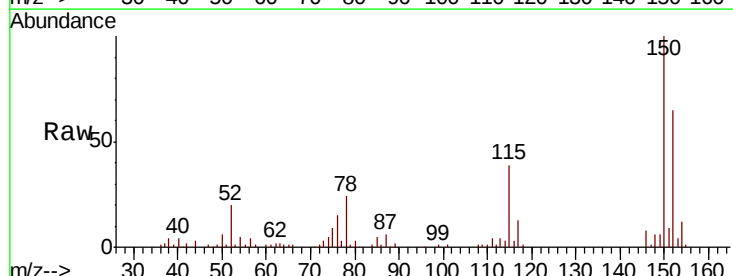
Tgt Ion:146 Resp: 3892

Ion Ratio Lower Upper

146 100

111 45.9 33.9 50.9

148 68.4 49.8 74.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

