

Data File : VV014971.D
Acq On : 17 Mar 2020 14:10
Operator : SY/MD
Sample : VIBLK60
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK60

Quant Time: Mar 18 05:24:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328597	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160970	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99016	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.46%
7) Chloroethane-d5	1.58	69	75048	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.32%
11) 1,1-Dichloroethene-d2	2.12	63	121384	36.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.28%
21) 2-Butanone-d5	3.94	46	103184	77.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.30%
24) Chloroform-d	4.38	84	210668	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.06	65	140565	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	440457	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.10	67	127034	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.34	98	422324	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%
43) trans-1,3-Dichloropropene-	7.64	79	62705	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.12	63	117763	99.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184154	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	177924	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%

Target Compounds

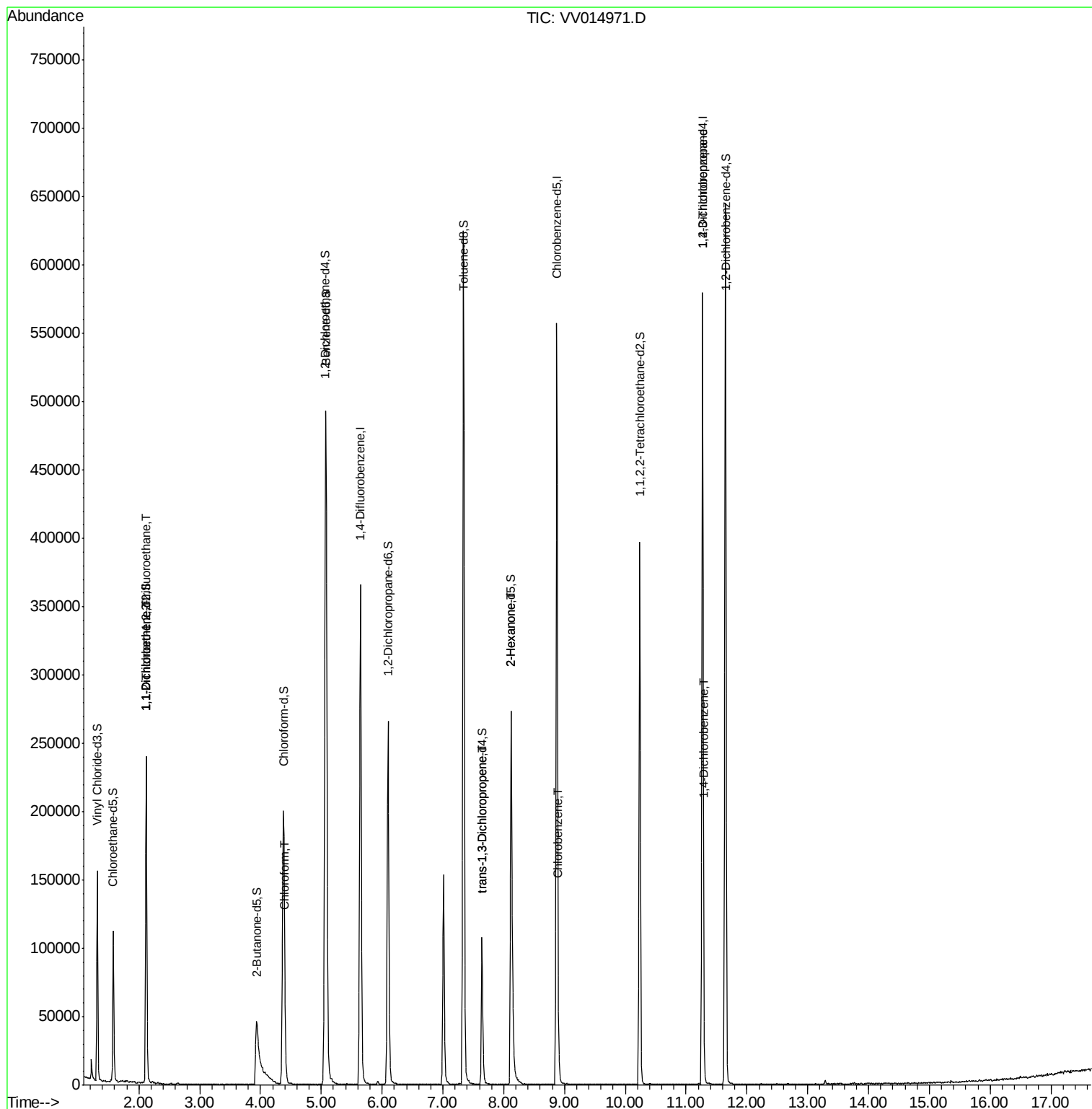
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1419	0.838 ug/L #	15
12) 1,1-Dichloroethene	2.13	96	1170	0.758 ug/L #	1
25) Chloroform	4.41	83	6786	1.577 ug/L	97
44) trans-1,3-Dichloropropene	7.65	75	2963	0.926 ug/L	98
48) 2-Hexanone	8.12	43	15400	6.588 ug/L #	71
51) Chlorobenzene	8.90	112	7699	1.138 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	16315	5.438 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	5741	1.074 ug/L	94

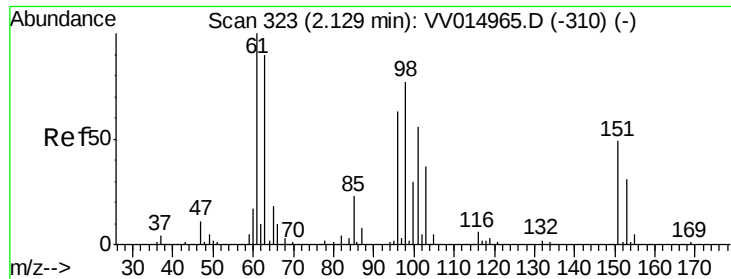
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration





#10

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

Concen: 0.838 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014971.D

Acq: 17 Mar 2020 14:10

Instrument :

MSVOA_V

ClientSampleId :

VIBLK60

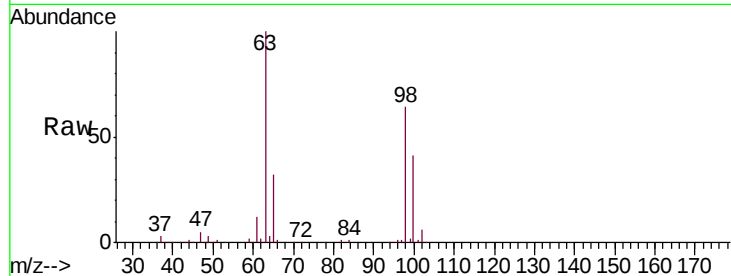
Tgt Ion:101 Resp: 1419

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

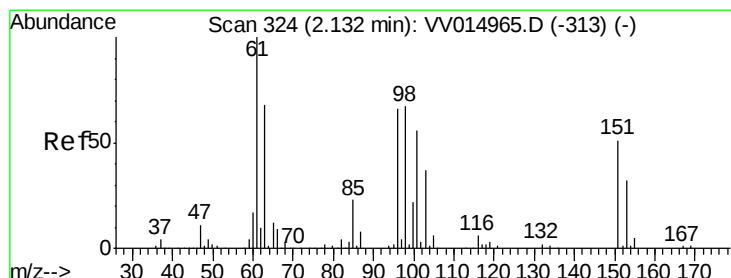
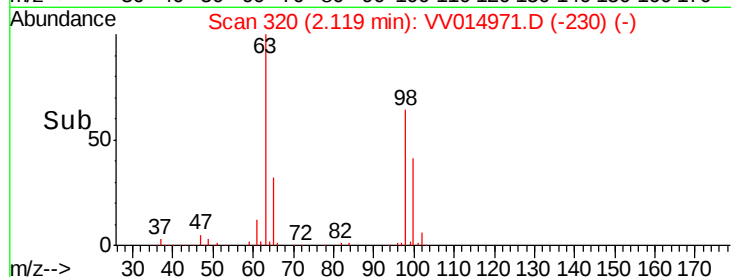
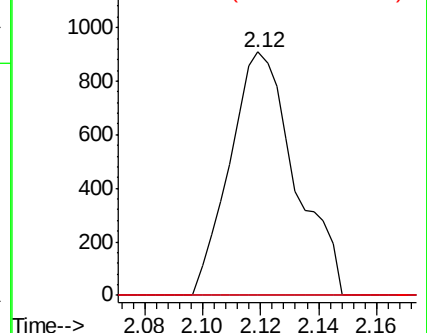
151 0.0 70.1 105.1#



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: 0.758 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014971.D

Acq: 17 Mar 2020 14:10

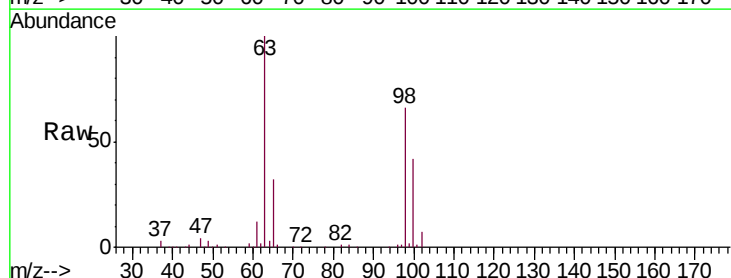
Tgt Ion: 96 Resp: 1170

Ion Ratio Lower Upper

96 100

61 1072.1 115.7 214.9#

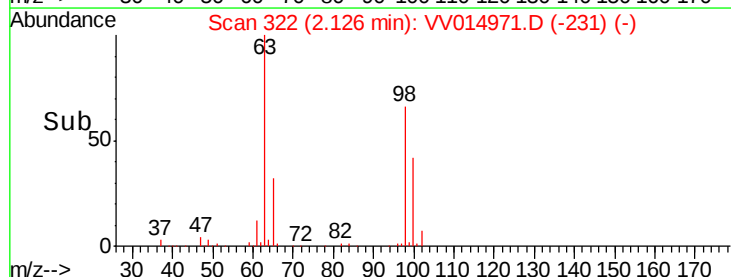
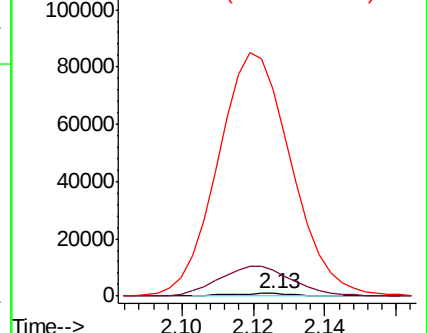
63 8701.6 99.2 184.2#

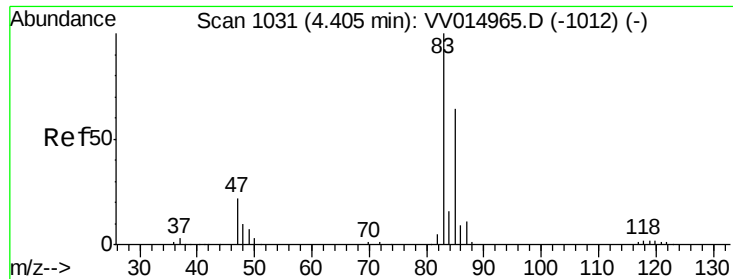


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

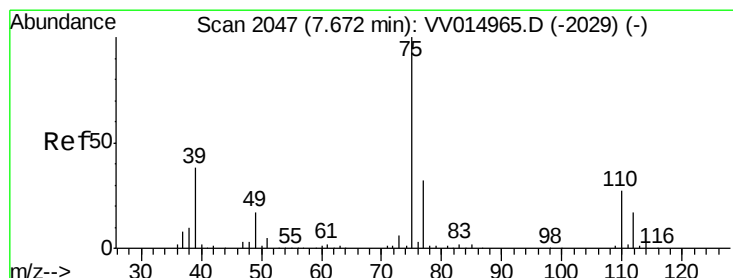
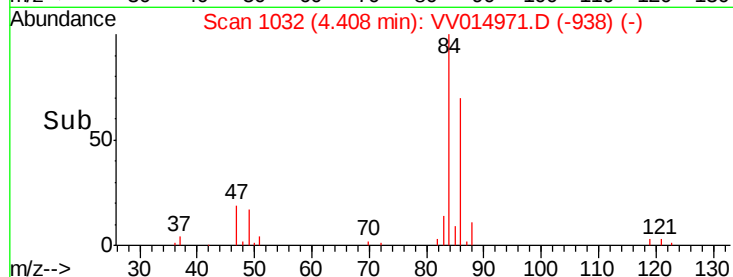
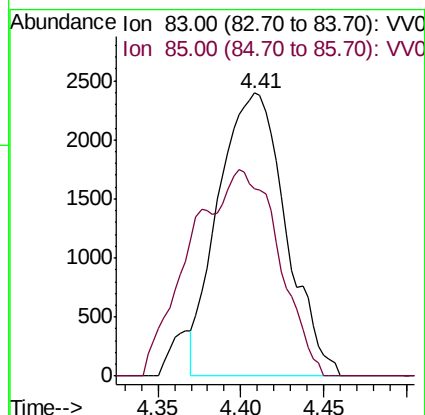
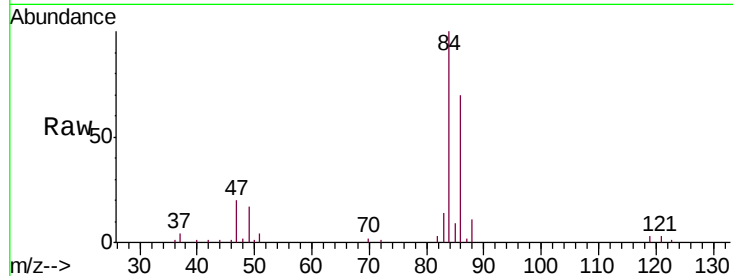




#25
Chloroform
Concen: 1.577 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014971.D
Acq: 17 Mar 2020 14:10

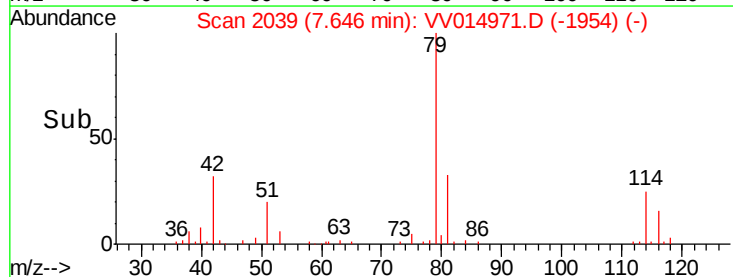
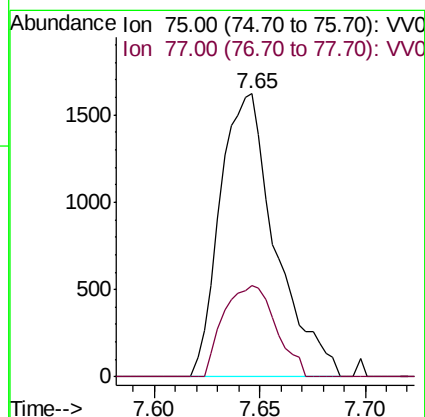
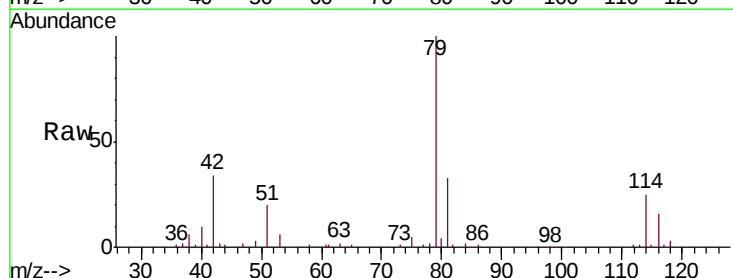
Instrument :
MSVOA_V
ClientSampled :
VIBLK60

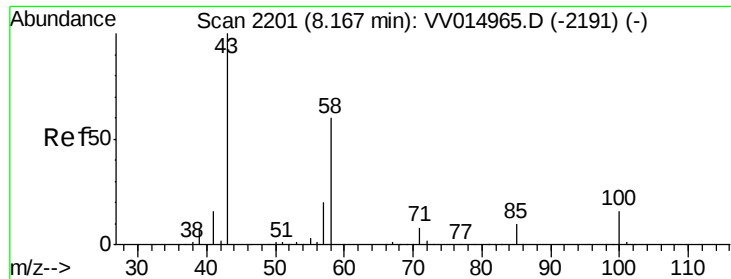
Tgt Ion: 83 Resp: 6786
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8



#44
trans-1,3-Dichloropropene
Concen: 0.926 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV014971.D
Acq: 17 Mar 2020 14:10

Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
77 32.4 23.5 43.7

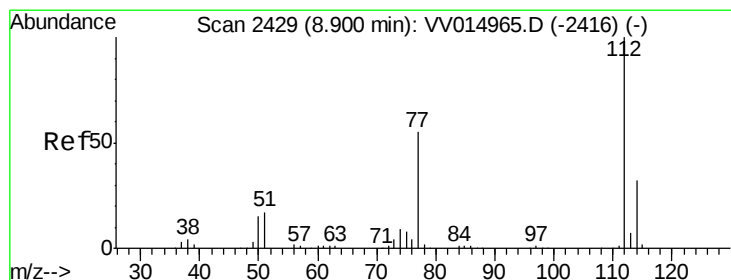
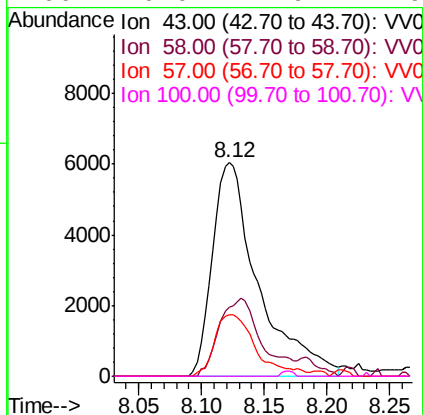
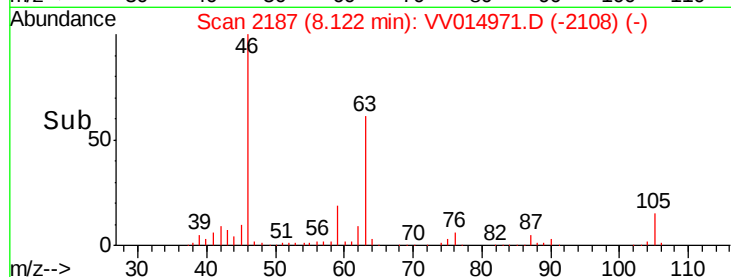
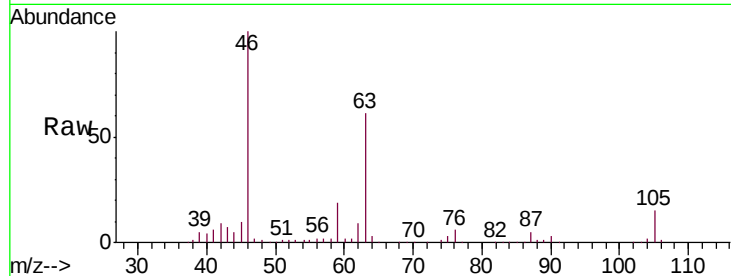




#48
2-Hexanone
Concen: 6.588 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.05 min
Lab File: VV014971.D
Acq: 17 Mar 2020 14:10

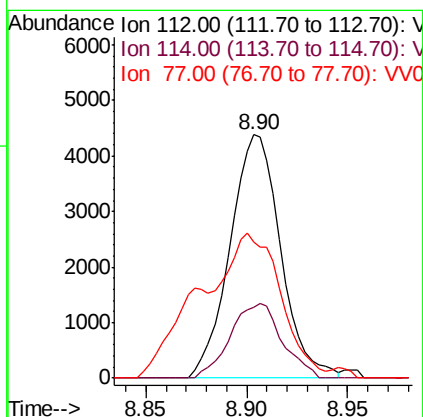
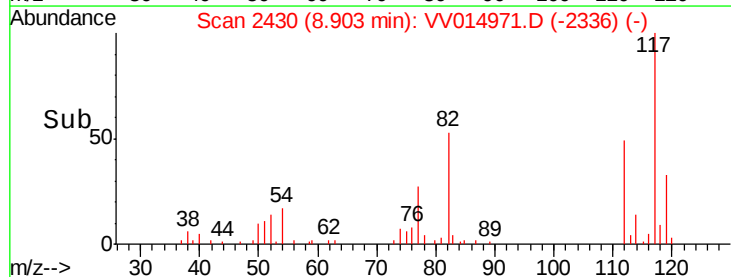
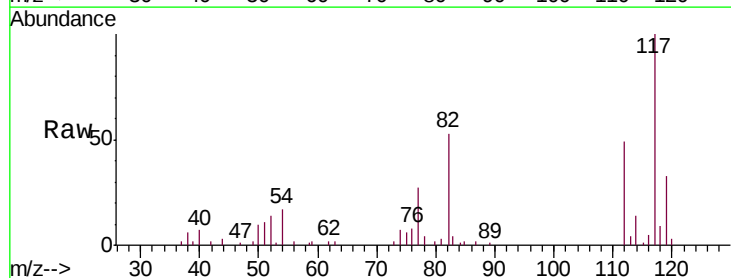
Instrument :
MSVOA_V
ClientSampleId :
VIBLK60

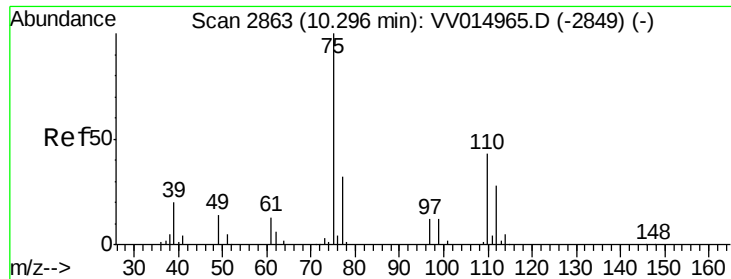
Tgt Ion:	43	Resp:	15400
Ion	Ratio	Lower	Upper
43	100		
58	33.8	46.9	70.3#
57	25.1	16.2	24.4#
100	0.0	11.9	17.9#



#51
Chlorobenzene
Concen: 1.138 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014971.D
Acq: 17 Mar 2020 14:10

Tgt Ion:	112	Resp:	7699
Ion	Ratio	Lower	Upper
112	100		
114	28.9	22.8	42.4
77	55.8	44.5	66.7





#59

1,2,3-Trichloropropane

Concen: 5.438 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014971.D

Acq: 17 Mar 2020 14:10

Instrument :

MSVOA_V

ClientSampled :

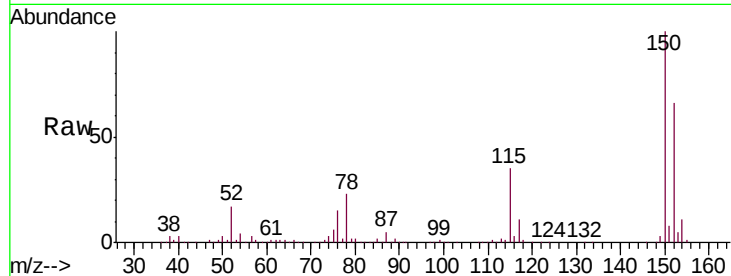
VIBLK60

Tgt Ion: 75 Resp: 16315

Ion Ratio Lower Upper

75 100

77 35.9 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV014965.D (-2849) (-)

Ion 77.00 (76.70 to 77.70): VV014965.D (-2849) (-)

11.27

10000

8000

6000

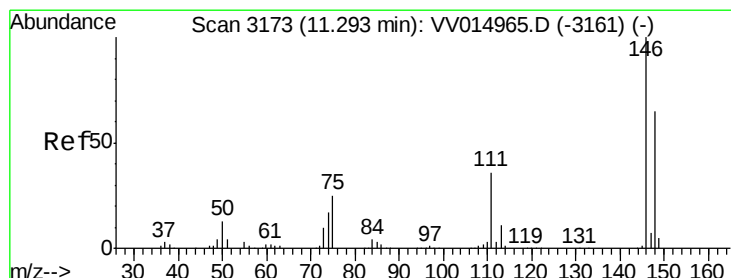
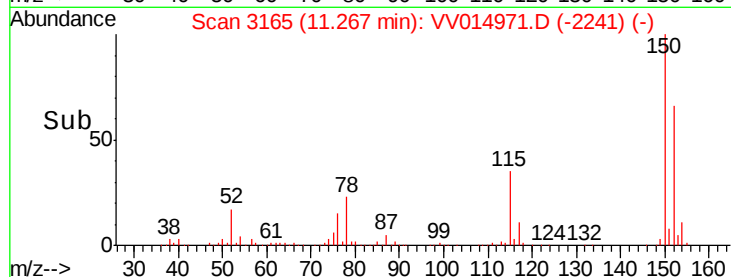
4000

2000

0

11.20 11.25 11.30 11.35

Time-->



#63

1,4-Dichlorobenzene

Concen: 1.074 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014971.D

Acq: 17 Mar 2020 14:10

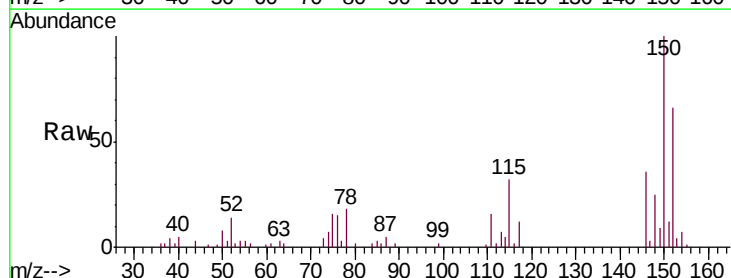
Tgt Ion: 146 Resp: 5741

Ion Ratio Lower Upper

146 100

111 43.2 26.0 48.2

148 68.7 46.1 85.5



Abundance Ion 146.00 (145.70 to 146.70): VV014965.D (-3161) (-)

Ion 111.00 (110.70 to 111.70): VV014965.D (-3161) (-)

Ion 148.00 (147.70 to 148.70): VV014965.D (-3161) (-)

11.30

4000

3000

2000

1000

0

11.25 11.30 11.35

Time-->

