

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016440.D
 Acq On : 02 Jun 2020 20:49
 Operator : SY/MD
 Sample : L2836-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:26:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	386947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174351	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131213	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.76%
7) Chloroethane-d5	1.58	69	91257	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.13	63	177897	36.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.24%
21) 2-Butanone-d5	3.91	46	182866	104.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.35%
24) Chloroform-d	4.38	84	230507	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.06	65	165711	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.08	84	489626	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	153915	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.98%
41) Toluene-d8	7.34	98	437065	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.64	79	68217	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.11	63	132798	100.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199936	47.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	168663	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

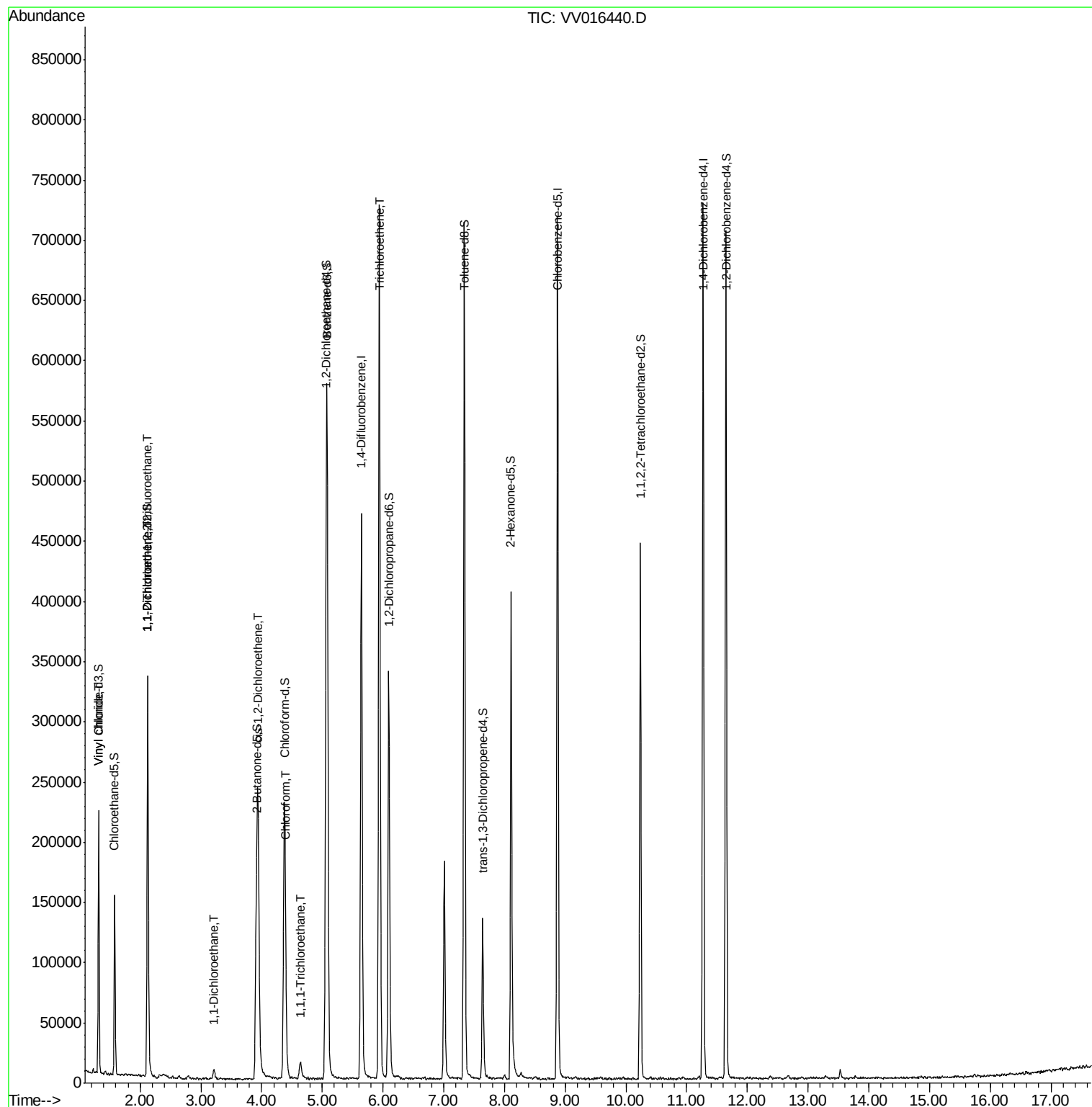
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4918	1.655	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2008	0.899	ug/L #	26
12) 1,1-Dichloroethene	2.12	96	2260	1.052	ug/L #	1
19) 1,1-Dichloroethane	3.21	63	7791	1.554	ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	101892	34.832	ug/L	100
25) Chloroform	4.40	83	13466	2.563	ug/L	94
30) 1,1,1-Trichloroethane	4.64	97	10272	2.285	ug/L	93
34) Trichloroethene	5.94	95	243597	85.565	ug/L	96

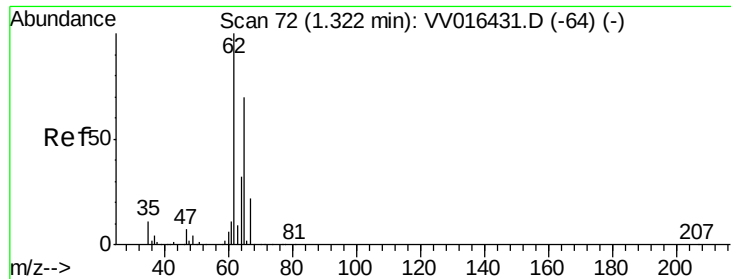
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 03 01:20:33 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.655 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV016440.D

Acq: 02 Jun 2020 20:49

Instrument :

MSVOA_V

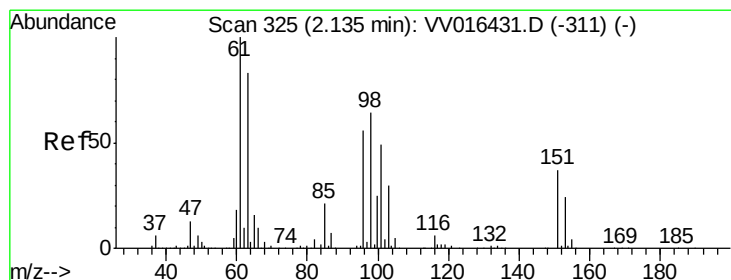
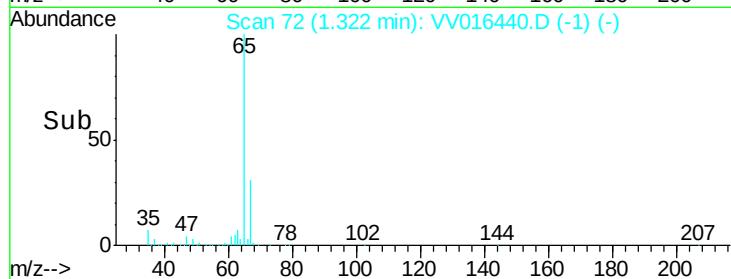
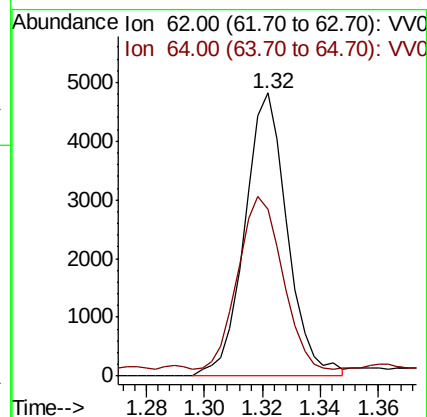
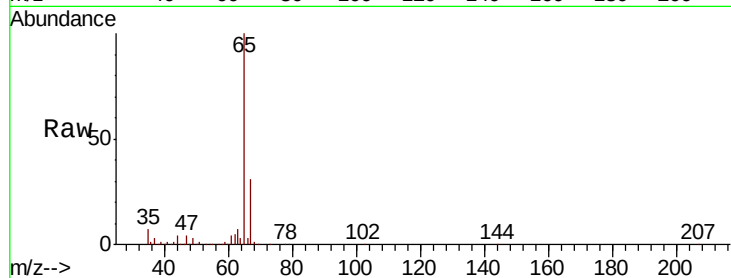
ClientSampled :

Tot Ion: 62 Resp: 4918

Ion Ratio Lower Upper

62 100

64 58.8 22.7 42.1#



#10

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

Concen: 0.899 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016440.D

Acq: 02 Jun 2020 20:49

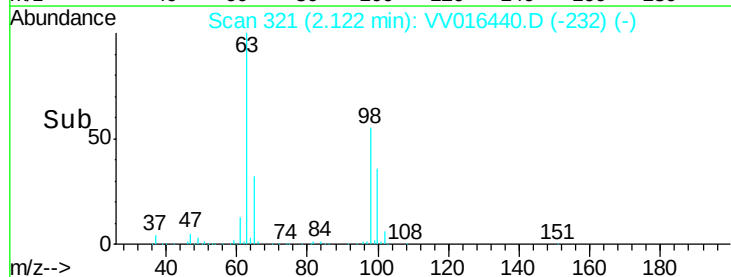
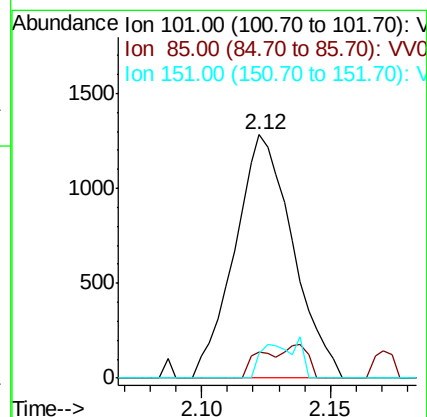
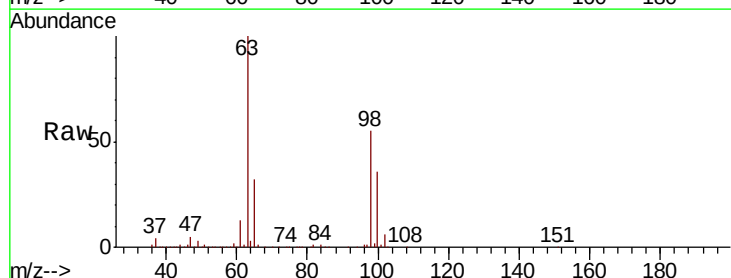
Tgt Ion: 101 Resp: 2008

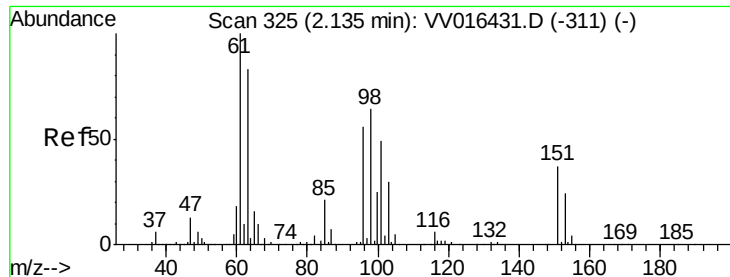
Ion Ratio Lower Upper

101 100

85 4.7 35.6 53.4#

151 7.2 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 1.052 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016440.D

Acq: 02 Jun 2020 20:49

Instrument :
MSVOA_V
ClientSampleId :

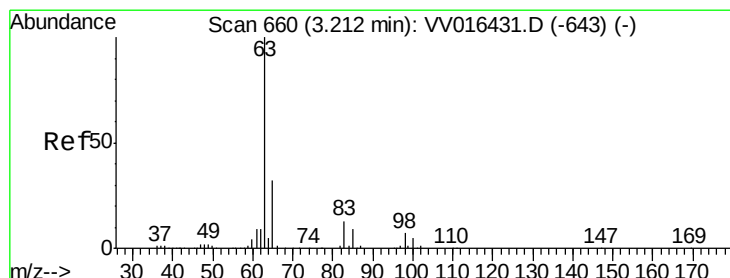
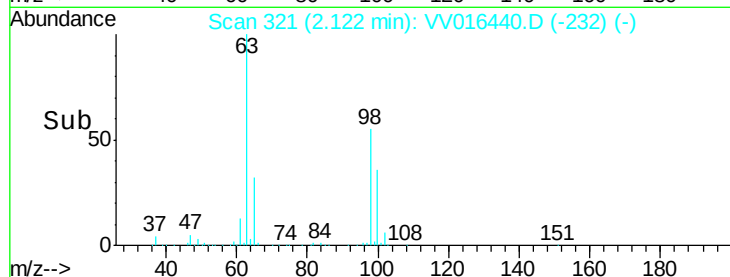
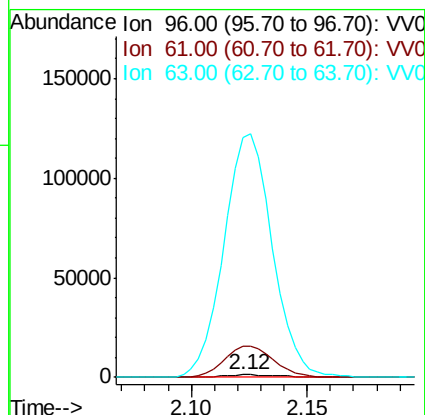
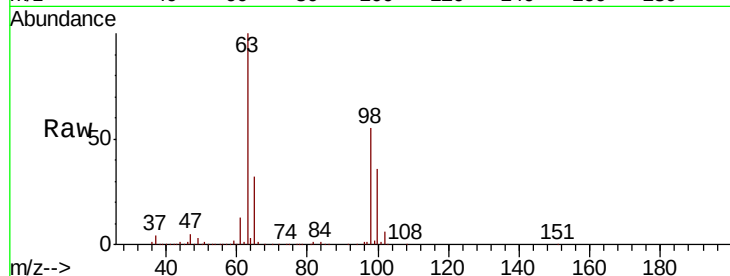
Tot Ion: 96 Resp: 2260

Ion Ratio Lower Upper

96 100

61 1217.3 125.5 233.1#

63 9441.6 104.0 193.1#



#19

1,1-Dichloroethane

Concen: 1.554 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV016440.D

Acq: 02 Jun 2020 20:49

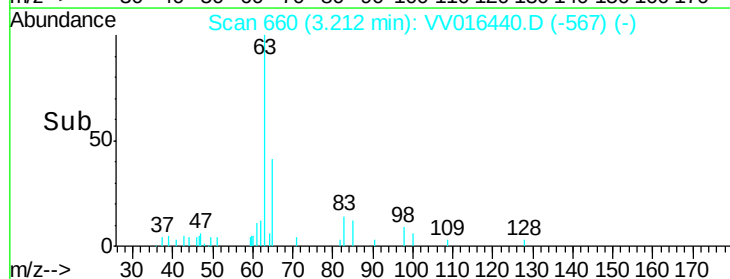
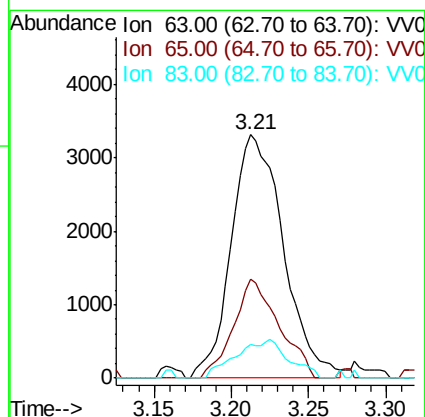
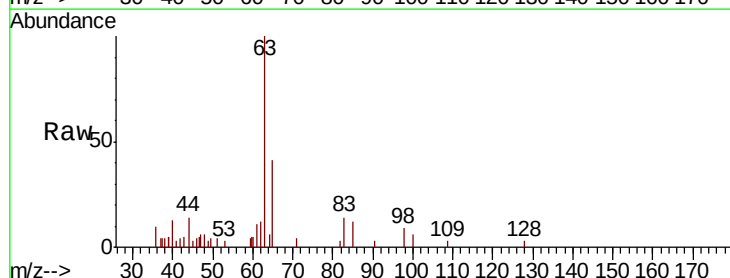
Tgt Ion: 63 Resp: 7791

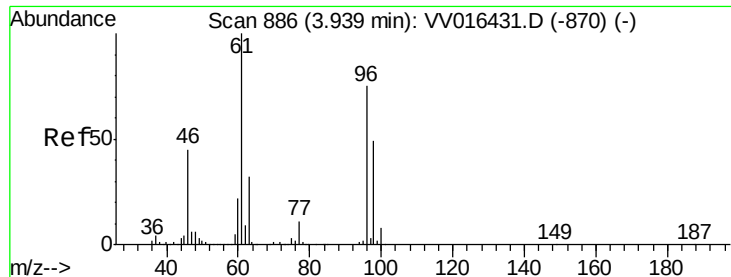
Ion Ratio Lower Upper

63 100

65 40.6 22.2 41.2

83 13.6 9.1 16.9





#20

cis-1,2-Dichloroethene

Concen: 34.832 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV016440.D

Acq: 02 Jun 2020 20:49

Instrument :
MSVOA_V
ClientSampleId :

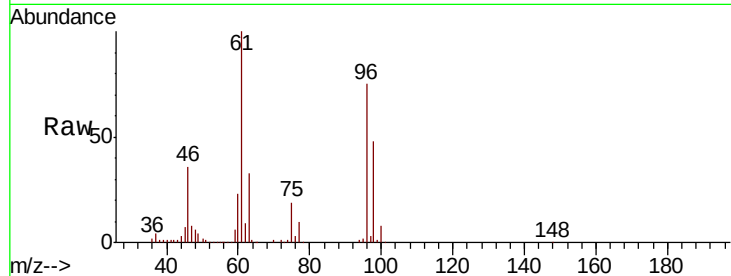
Tot Ion: 96 Resp: 101892

Ion Ratio Lower Upper

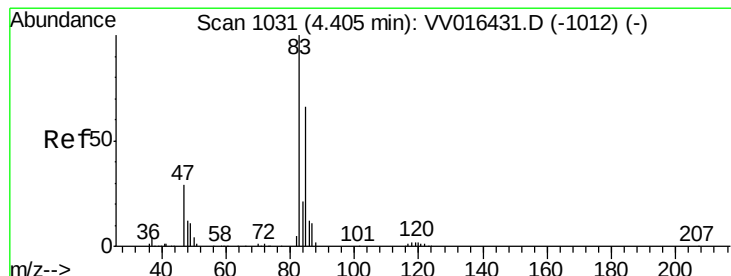
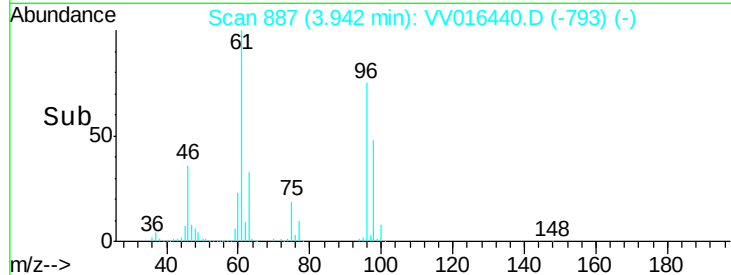
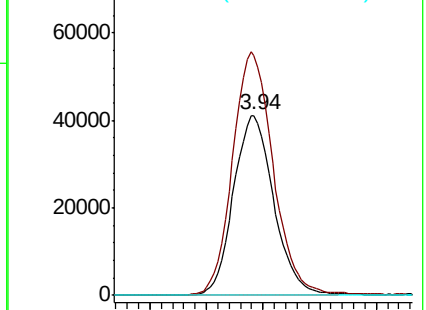
96 100

61 133.3 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016440.D (-938) (-)
Ion 61.00 (60.70 to 61.70): VV016440.D (-938) (-)
Ion 68.00 (67.70 to 68.70): VV016440.D (-938) (-)



#25

Chloroform

Concen: 2.563 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV016440.D

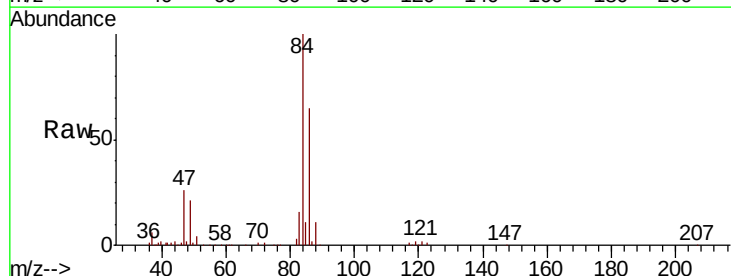
Acq: 02 Jun 2020 20:49

Tgt Ion: 83 Resp: 13466

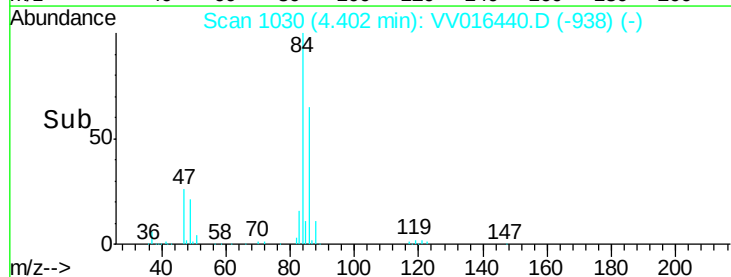
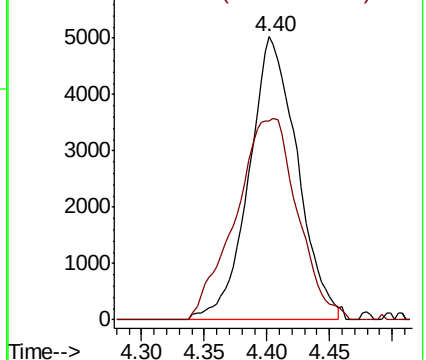
Ion Ratio Lower Upper

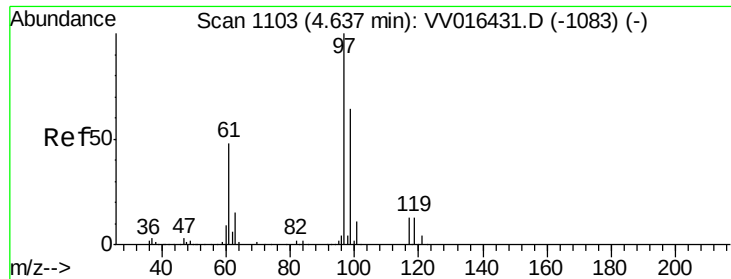
83 100

85 70.4 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV016440.D (-938) (-)
Ion 85.00 (84.70 to 85.70): VV016440.D (-938) (-)

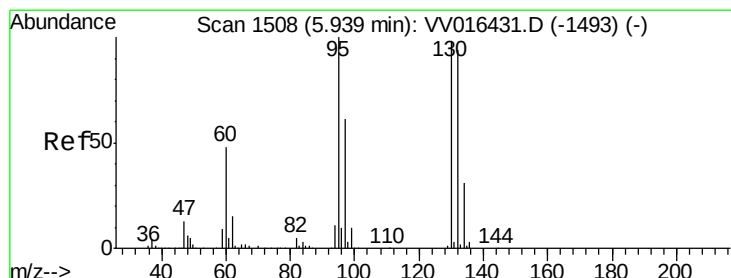
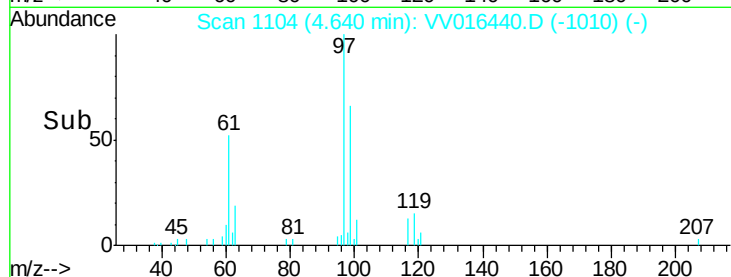
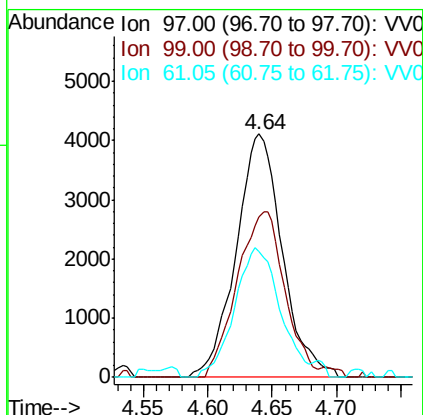
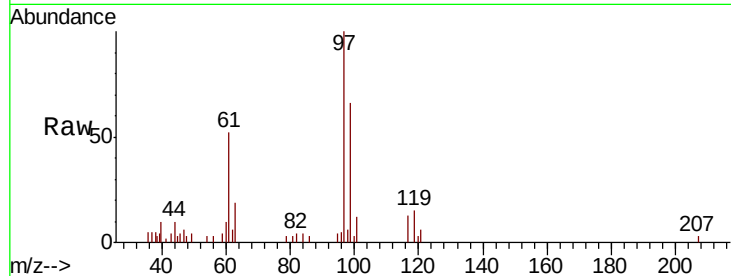




#30
 1,1,1-Trichloroethane
 Concen: 2.285 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: VV016440.D
 Acq: 02 Jun 2020 20:49

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 97 Resp: 10272
 Ion Ratio Lower Upper
 97 100
 99 70.1 51.8 77.8
 61 52.4 37.4 56.0



#34
 Trichloroethene
 Concen: 85.565 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV016440.D
 Acq: 02 Jun 2020 20:49

Tgt Ion: 95 Resp: 243597
 Ion Ratio Lower Upper
 95 100
 97 66.0 42.8 79.6
 132 97.7 65.6 121.8
 130 102.2 69.0 128.1

