

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016436.D
 Acq On : 02 Jun 2020 19:18
 Operator : SY/MD
 Sample : L2848-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:25:41 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	391304	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132249	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.58	69	93111	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.08%
11) 1,1-Dichloroethene-d2	2.13	63	180539	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	3.91	46	172678	97.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.44%
24) Chloroform-d	4.38	84	232201	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.06	65	170770	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.08	84	494835	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
36) 1,2-Dichloropropane-d6	6.10	67	153862	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.34	98	439500	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%
43) trans-1,3-Dichloropropene-	7.64	79	69764	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.62%
47) 2-Hexanone-d5	8.11	63	131638	99.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198589	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	171923	51.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.82%

Target Compounds

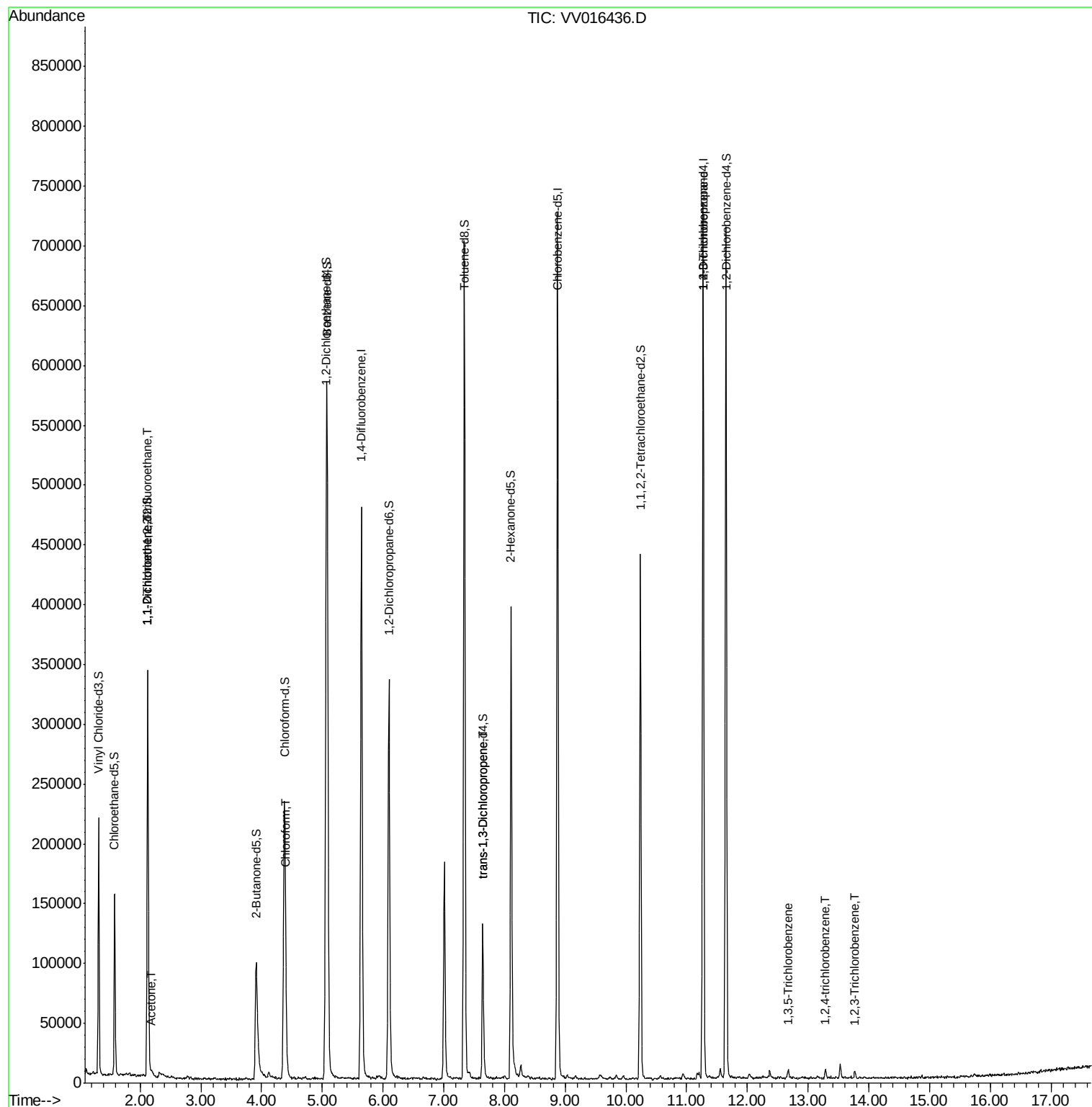
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2011	0.891 ug/L #	31
12) 1,1-Dichloroethene	2.13	96	1951	0.898 ug/L #	1
13) Acetone	2.19	43	4927	2.975 ug/L	79
25) Chloroform	4.41	83	13315	2.506 ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	4411	1.086 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	23078	6.515 ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	1971	0.537 ug/L #	65
68) 1,2,4-trichlorobenzene	13.29	180	2082	0.612 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1735	0.537 ug/L	94

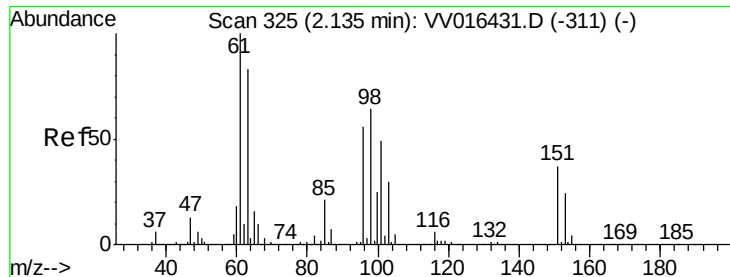
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 02:25:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 03 01:20:33 2020
Response via : Initial Calibration





#10

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

Concen: 0.891 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV016436.D

Acq: 02 Jun 2020 19:18

Instrument :

MSVOA_V

ClientSampleId :

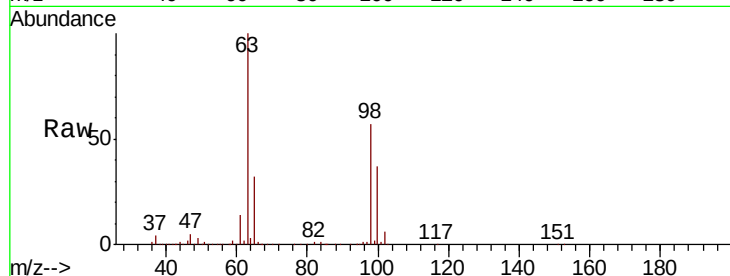
Tot Ion:101 Resp: 2011

Ion Ratio Lower Upper

101 100

85 8.9 35.6 53.4#

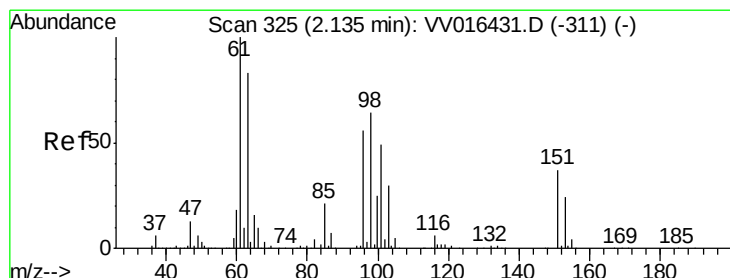
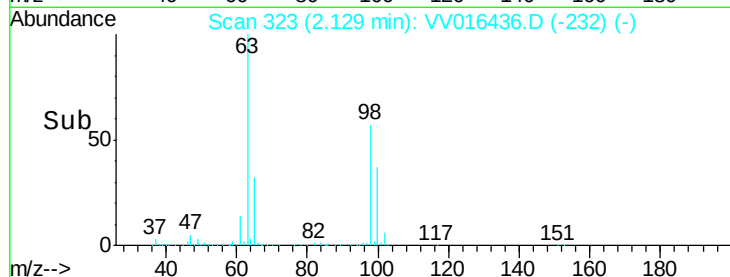
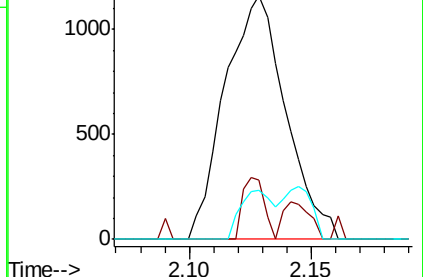
151 10.6 61.8 92.8#



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: 0.898 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016436.D

Acq: 02 Jun 2020 19:18

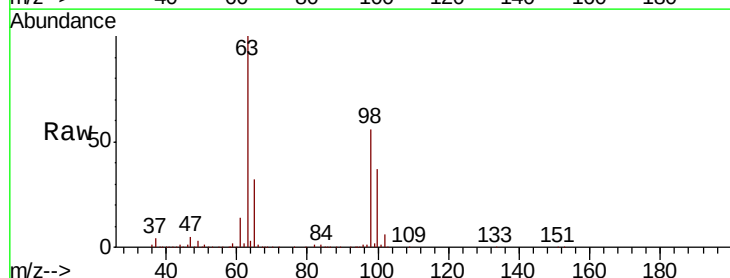
Tgt Ion: 96 Resp: 1951

Ion Ratio Lower Upper

96 100

61 1430.8 125.5 233.1#

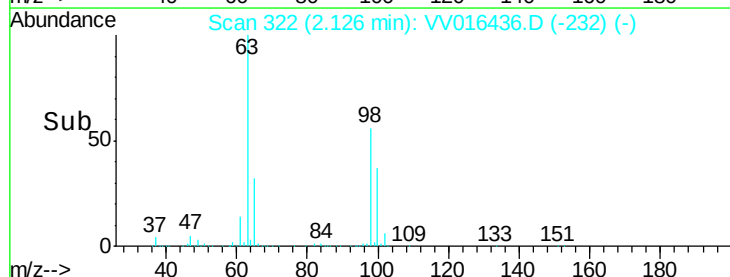
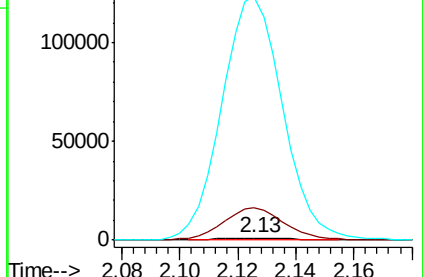
63 10552.1 104.0 193.1#

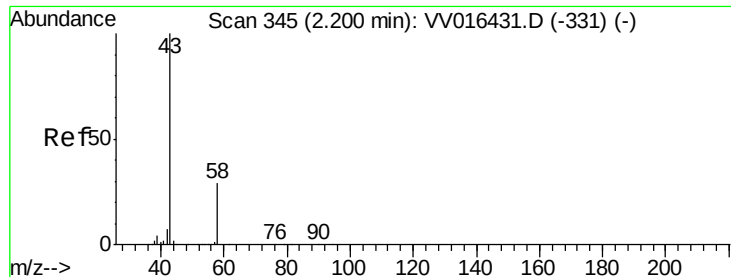


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.975 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV016436.D

Acq: 02 Jun 2020 19:18

Instrument :

MSVOA_V

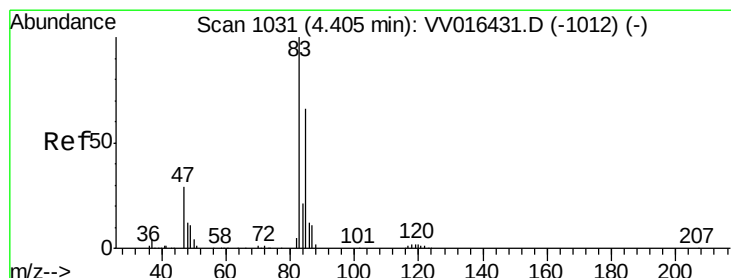
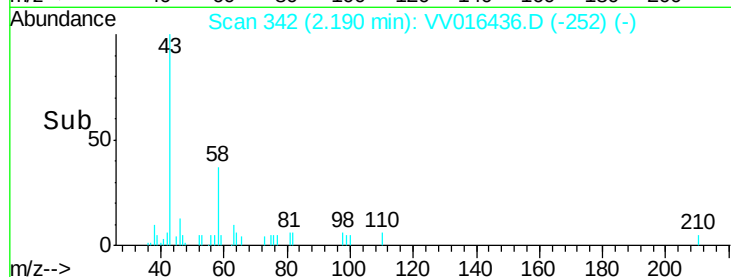
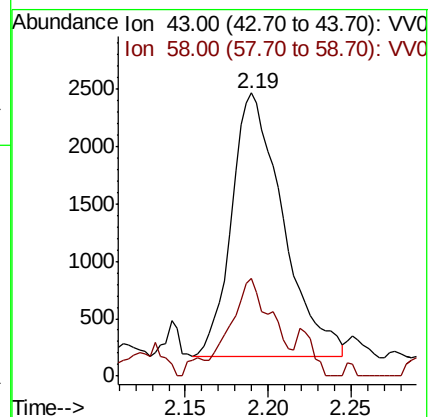
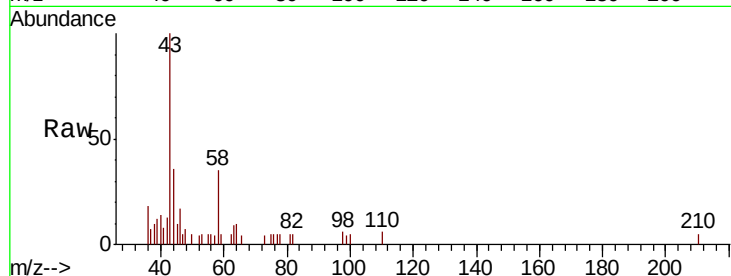
ClientSampleId :

Tot Ion: 43 Resp: 4927

Ion Ratio Lower Upper

43 100

58 17.6 0.0 57.2



#25

Chloroform

Concen: 2.506 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VV016436.D

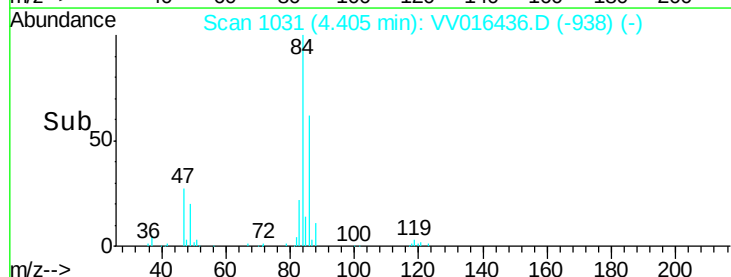
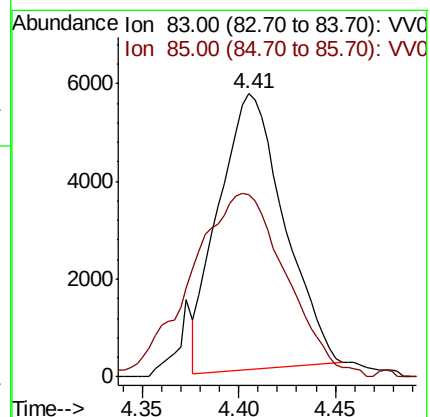
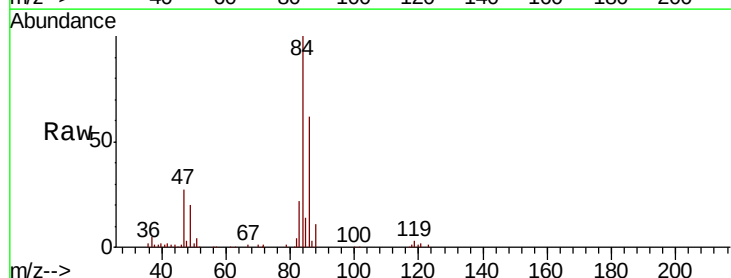
Acq: 02 Jun 2020 19:18

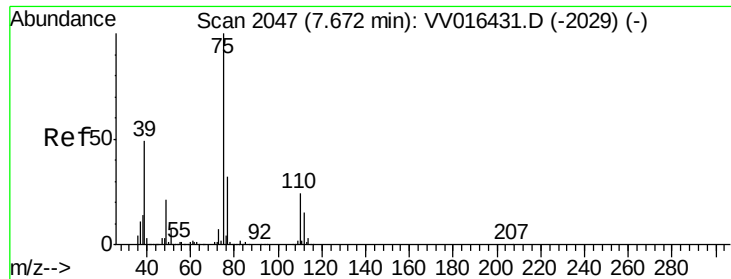
Tgt Ion: 83 Resp: 13315

Ion Ratio Lower Upper

83 100

85 64.2 46.1 85.7





#44

trans-1,3-Dichloropropene

Concen: 1.086 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016436.D

Acq: 02 Jun 2020 19:18

Instrument :

MSVOA_V

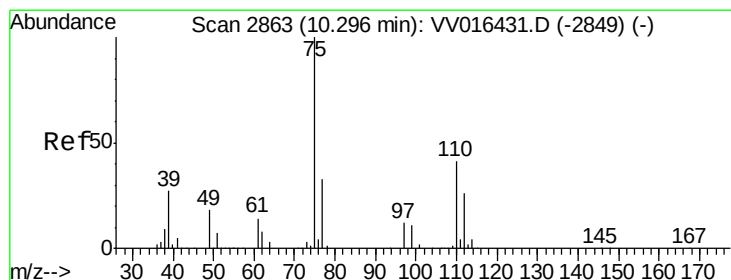
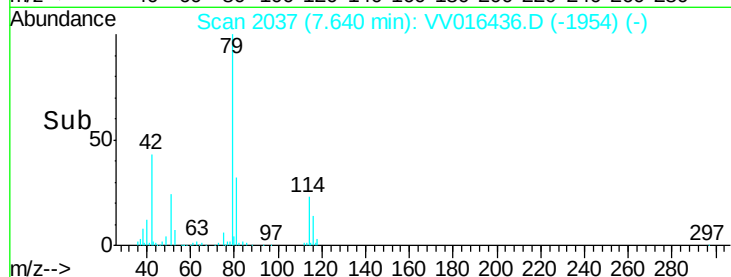
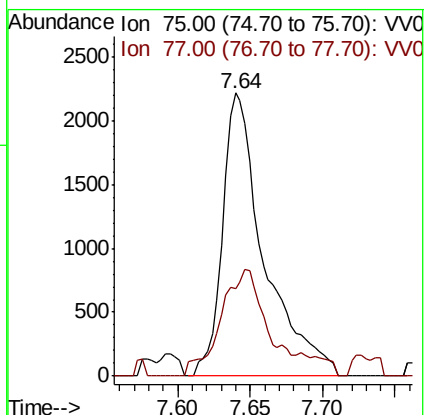
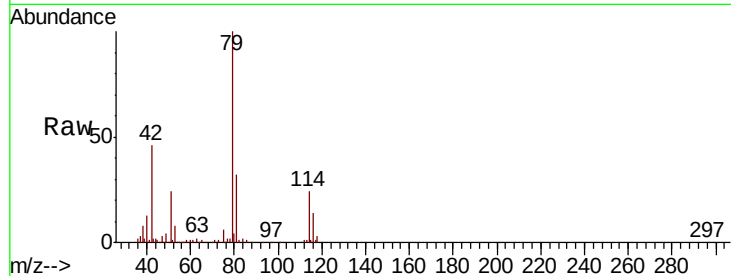
ClientSampleId :

Tot Ion: 75 Resp: 4411

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



#59

1,2,3-Trichloropropane

Concen: 6.515 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016436.D

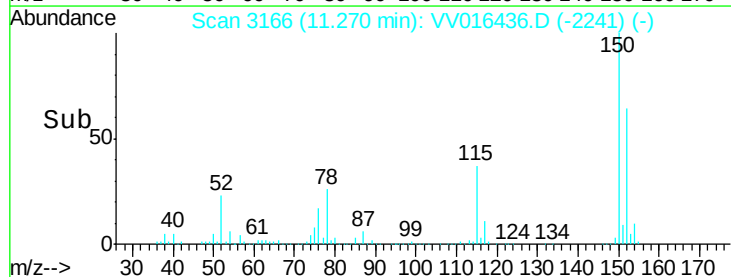
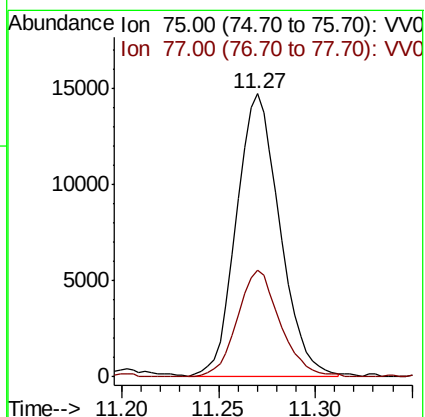
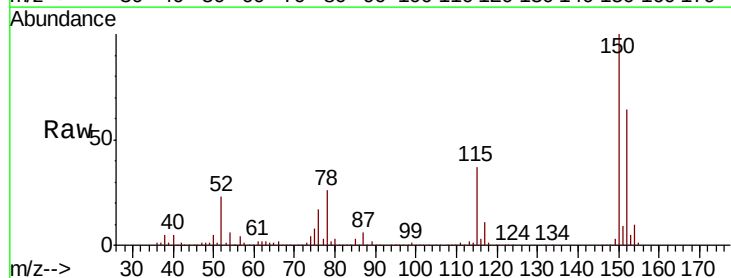
Acq: 02 Jun 2020 19:18

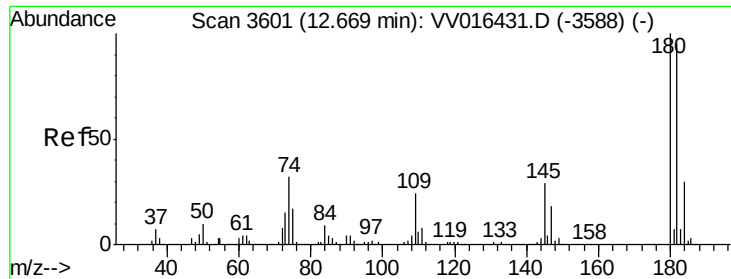
Tgt Ion: 75 Resp: 23078

Ion Ratio Lower Upper

75 100

77 37.1 26.6 40.0

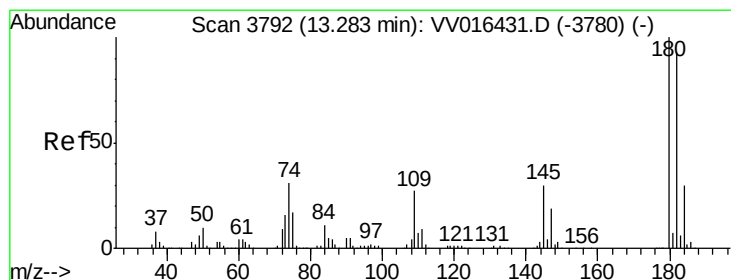
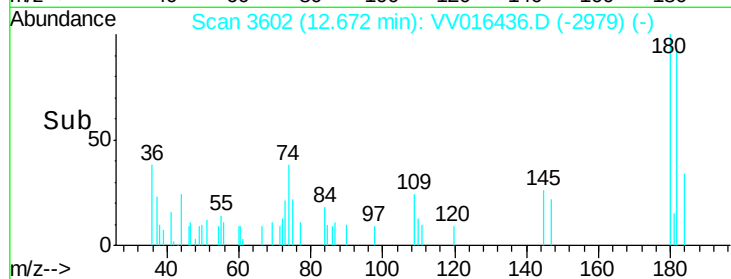
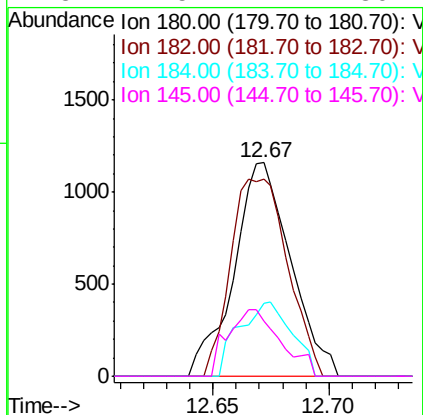
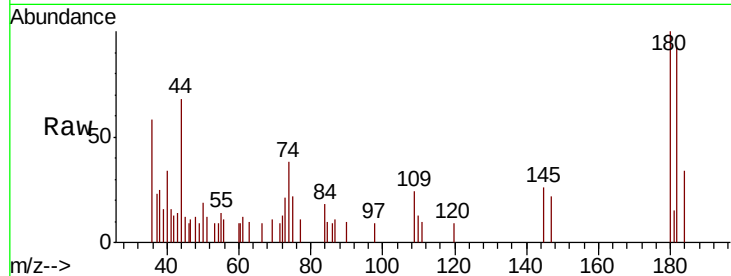




#67
 1,3,5-Trichlorobenzene
 Concen: 0.537 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VV016436.D
 Acq: 02 Jun 2020 19:18

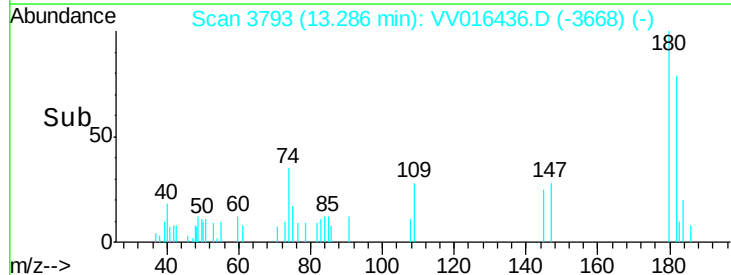
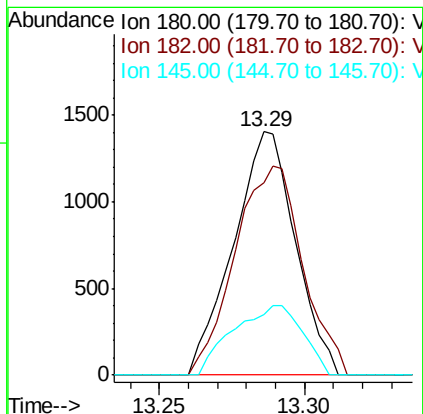
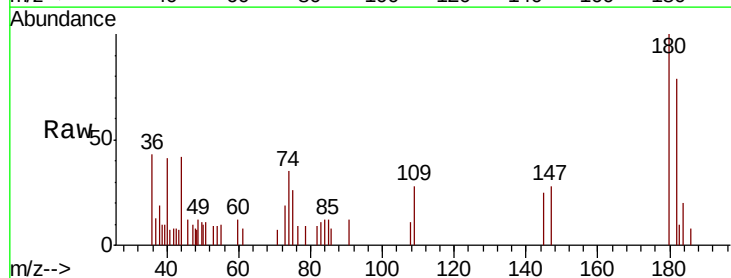
Instrument :
 MSVOA_V
 ClientSampleId :

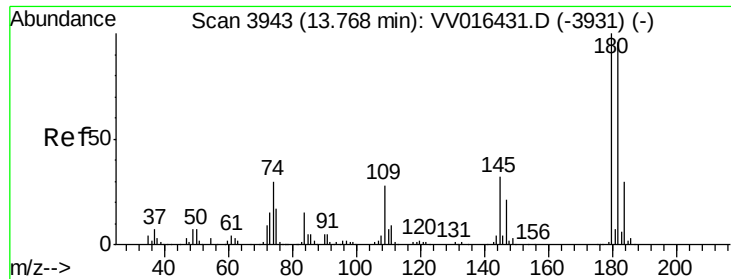
Tot Ion:180 Resp: 1971
 Ion Ratio Lower Upper
 180 100
 182 45.9 75.8 113.8#
 184 25.3 24.4 36.6
 145 22.5 24.2 36.2#



#68
 1,2,4-trichlorobenzene
 Concen: 0.612 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV016436.D
 Acq: 02 Jun 2020 19:18

Tgt Ion:180 Resp: 2082
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.6 111.8
 145 32.0 24.5 36.7

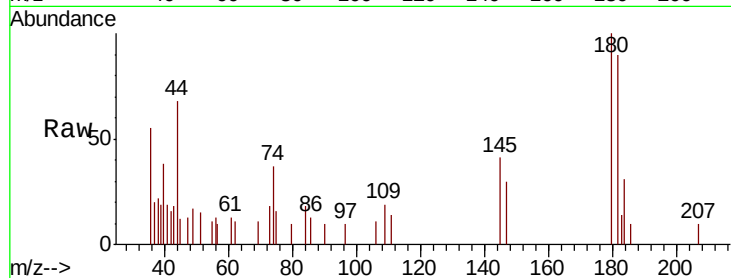




#70
 1,2,3-Trichlorobenzene
 Concen: 0.537 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016436.D
 Acq: 02 Jun 2020 19:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1735
 Ion Ratio Lower Upper
 180 100
 182 89.9 76.0 114.0
 145 37.3 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

