

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007885.D
 Acq On : 26 Sep 2018 15:47
 Operator : SY/MD
 Sample : J5036-03
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 04:56:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179592	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88371	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47004	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.50%
7) Chloroethane-d5	1.59	69	43640	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.14	63	78534	32.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.48%
21) 2-Butanone-d5	3.96	46	27805	36.65	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	36.65%#
24) Chloroform-d	4.41	84	106731	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.09	65	79750	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
32) Benzene-d6	5.11	84	215946	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.13	67	69900	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.36	98	208386	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.67	79	30333	44.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.62%
47) 2-Hexanone-d5	8.14	63	49795	82.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.01%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99325	46.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	92642	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

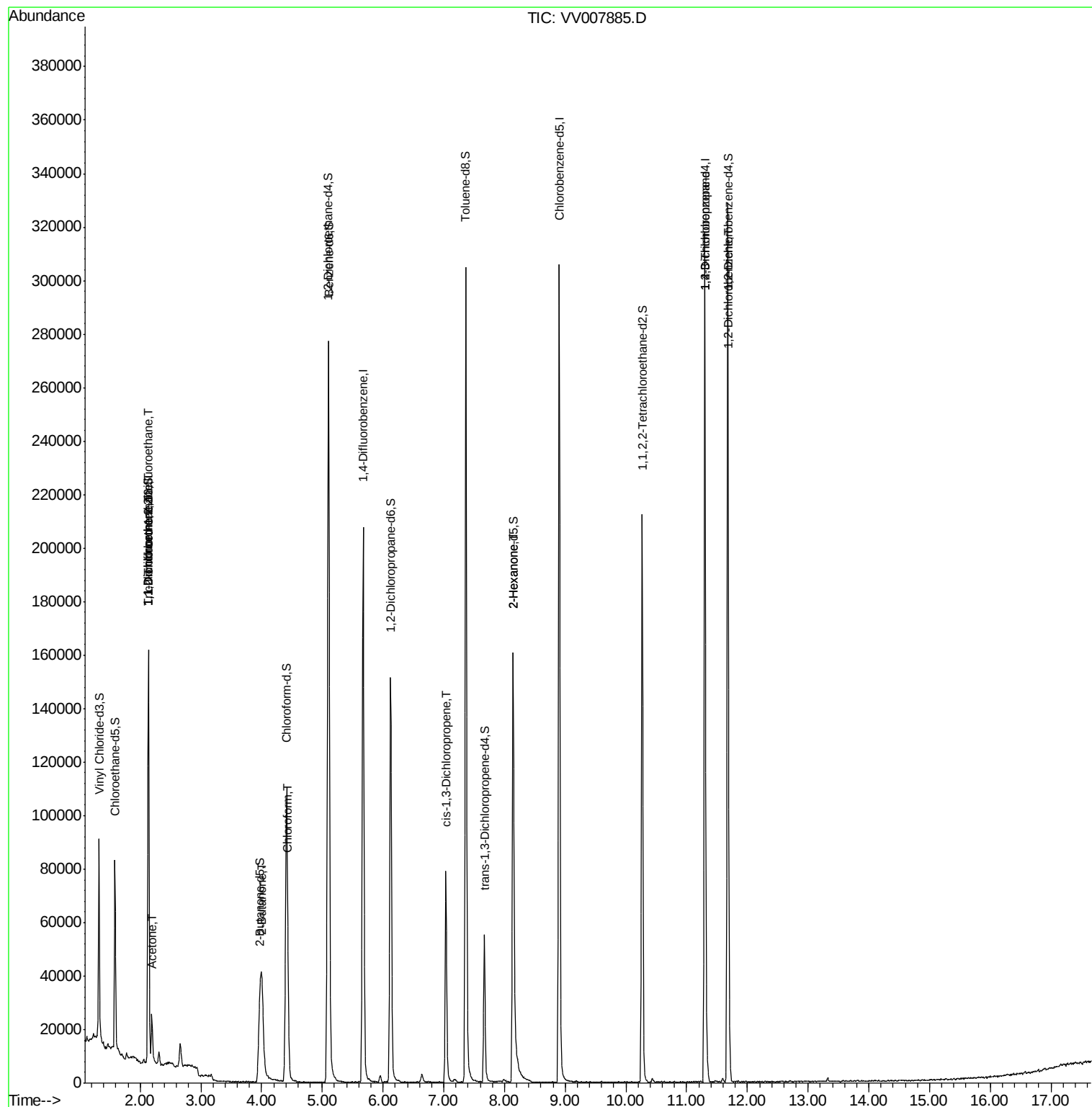
					Ovalue
9) Trichlorofluoromethane	2.14	101	804	0.365 ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	804	0.653 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	729	0.660 ug/L #	1
13) Acetone	2.19	43	14753	16.140 ug/L	96
22) 2-Butanone	4.02	43	13758	13.135 ug/L #	53
25) Chloroform	4.44	83	15288	6.367 ug/L	96
39) cis-1,3-Dichloropropene	7.04	75	2032	1.138 ug/L #	69
48) 2-Hexanone	8.14	43	9647	7.025 ug/L #	82
59) 1,2,3-Trichloropropane	11.30	75	9268	5.662 ug/L #	83
65) 1,2-Dichlorobenzene	11.69	146	1883	0.656 ug/L #	83

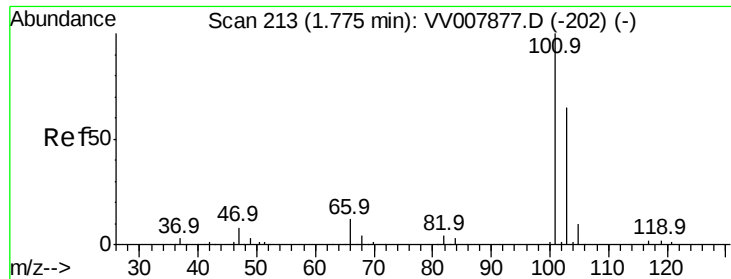
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.365 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.36 min

Lab File: VV007885.D

Acq: 26 Sep 2018 15:47

Instrument :

MSVOA_V

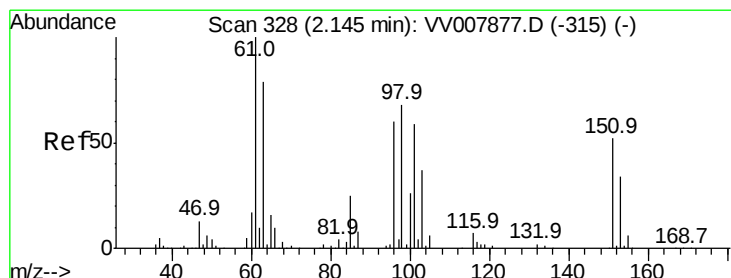
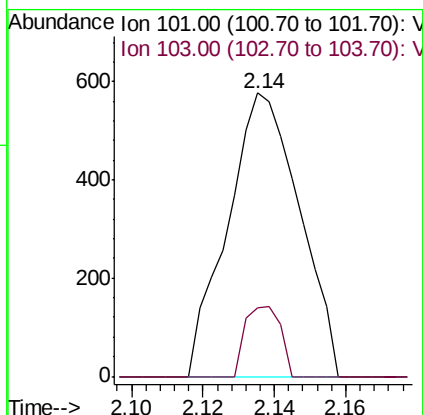
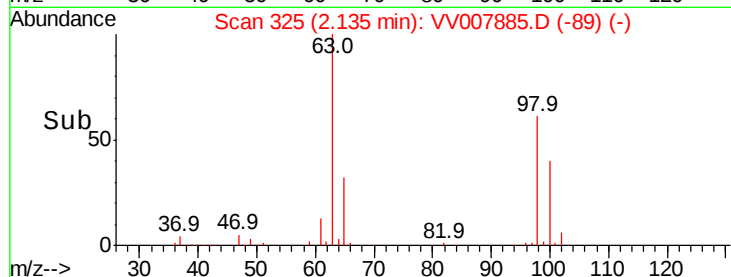
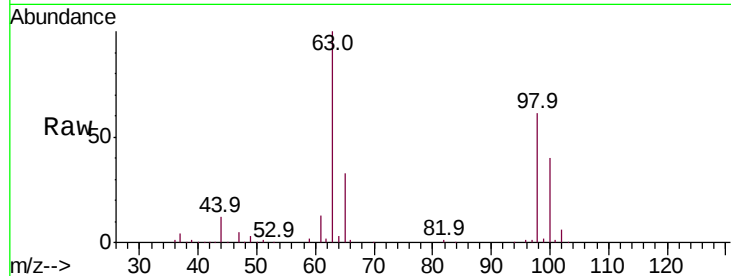
ClientSampleId :

Tot Ion:101 Resp: 804

Ion Ratio Lower Upper

101 100

103 12.2 52.4 78.6#



#10

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

Concen: 0.653 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007885.D

Acq: 26 Sep 2018 15:47

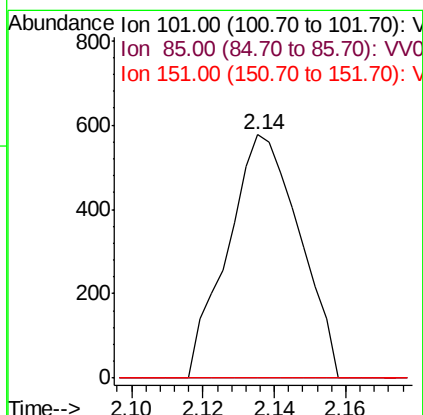
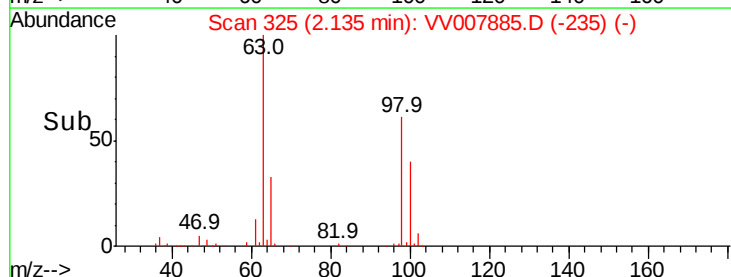
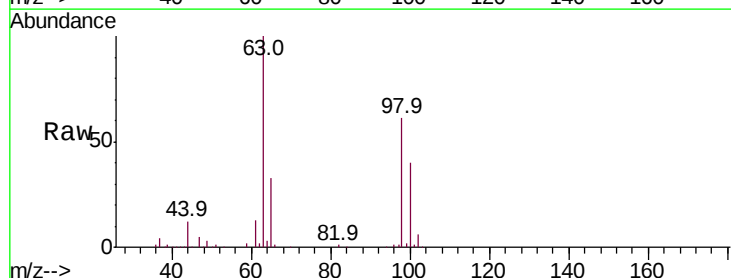
Tgt Ion:101 Resp: 804

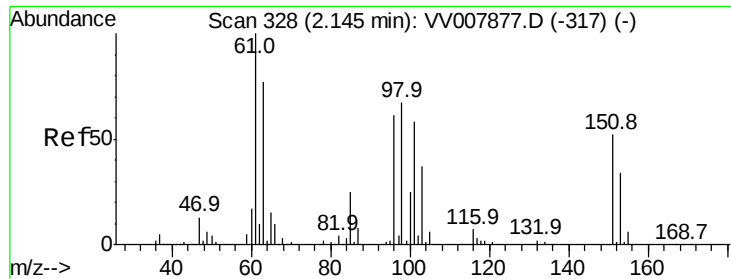
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 69.7 104.5#





#12

1,1-Dichloroethene

Concen: 0.660 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007885.D

Acq: 26 Sep 2018 15:47

Instrument :
MSVOA_V
ClientSampled :

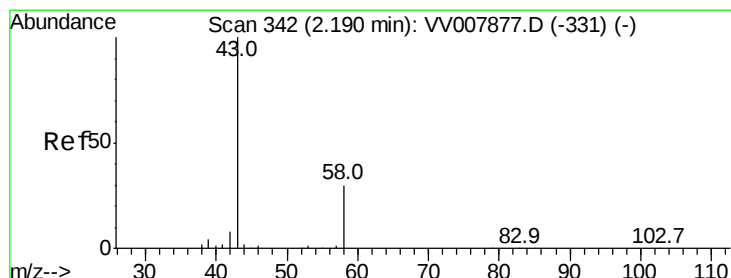
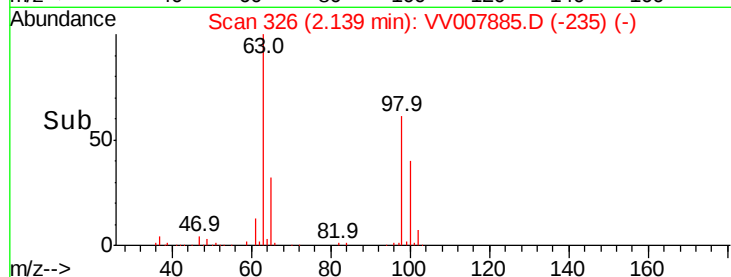
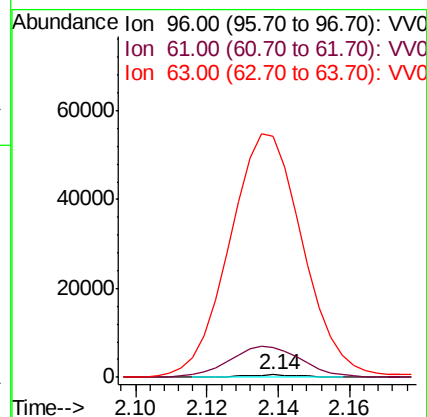
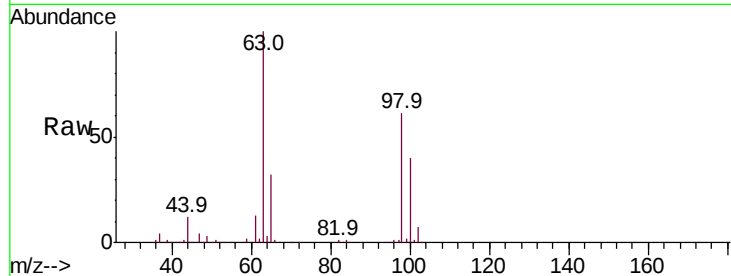
Tot Ion: 96 Resp: 729

Ion Ratio Lower Upper

96 100

61 1190.4 116.1 215.7#

63 9478.1 86.5 160.7#



#13

Acetone

Concen: 16.140 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007885.D

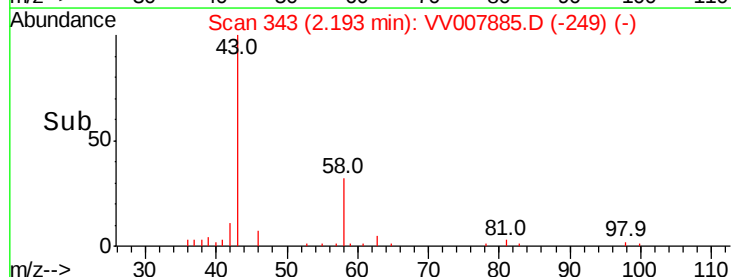
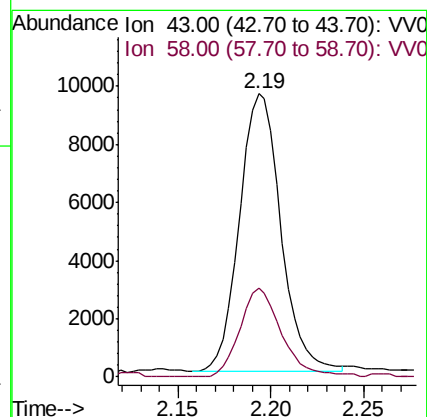
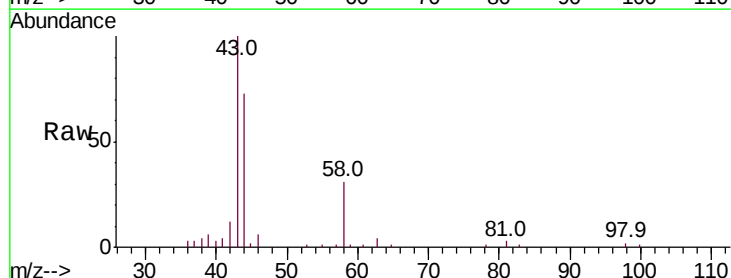
Acq: 26 Sep 2018 15:47

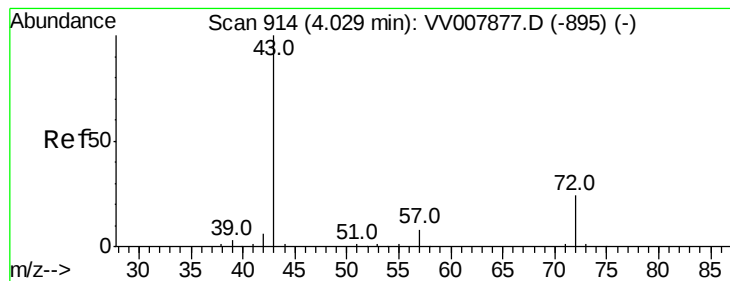
Tgt Ion: 43 Resp: 14753

Ion Ratio Lower Upper

43 100

58 31.8 0.0 59.4





#22

2-Butanone

Concen: 13.135 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.01 min

Lab File: VV007885.D

Acq: 26 Sep 2018 15:47

Instrument :

MSVOA_V

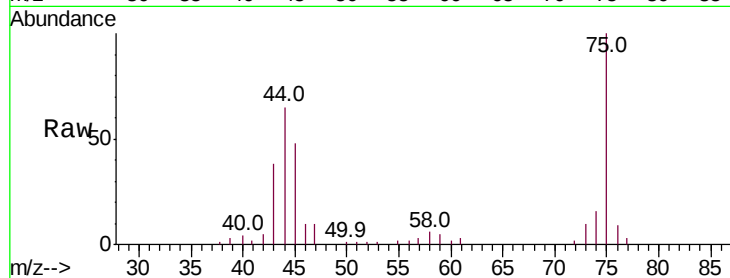
ClientSampled :

Tot Ion: 43 Resp: 13758

Ion Ratio Lower Upper

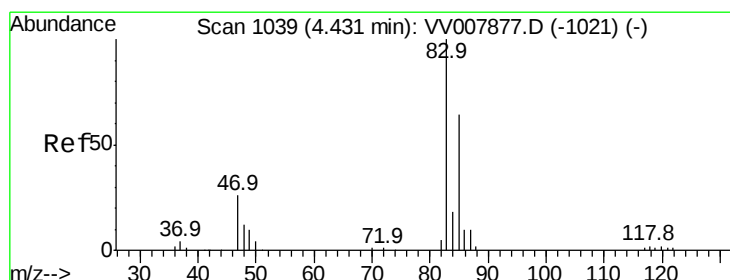
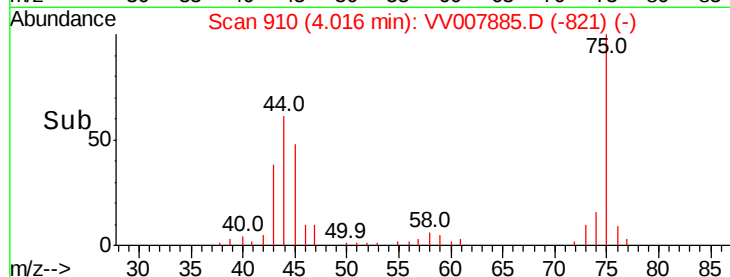
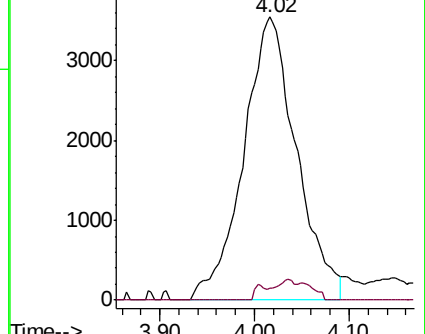
43 100

72 1.1 12.4 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VV007877.D (-895) (-)

Ion 72.00 (71.70 to 72.70): VV007877.D (-895) (-)



#25

Chloroform

Concen: 6.367 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV007885.D

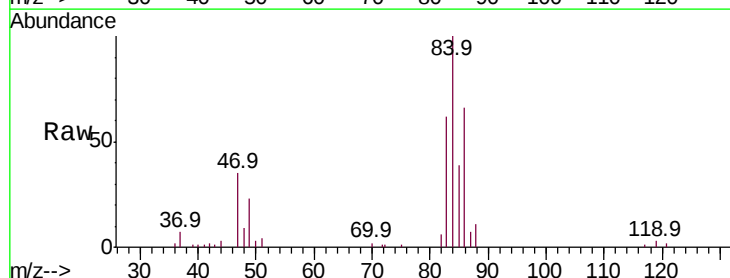
Acq: 26 Sep 2018 15:47

Tgt Ion: 83 Resp: 15288

Ion Ratio Lower Upper

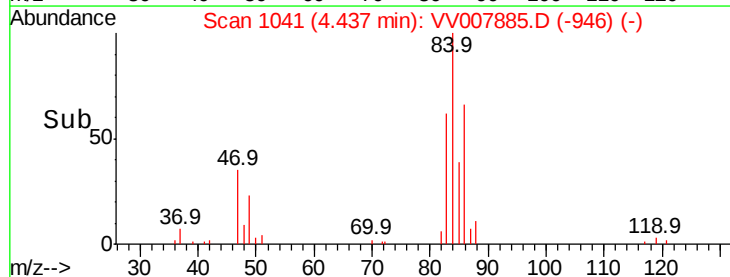
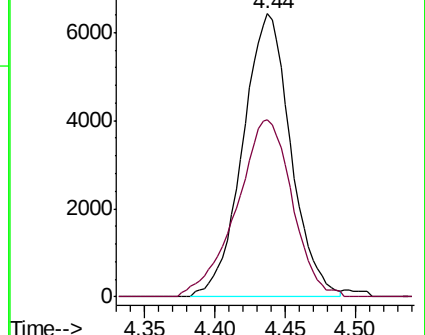
83 100

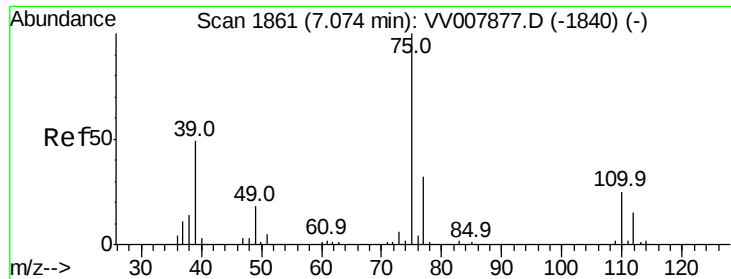
85 62.5 45.9 85.3



Abundance Ion 83.00 (82.70 to 83.70): VV007877.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007877.D (-1021) (-)



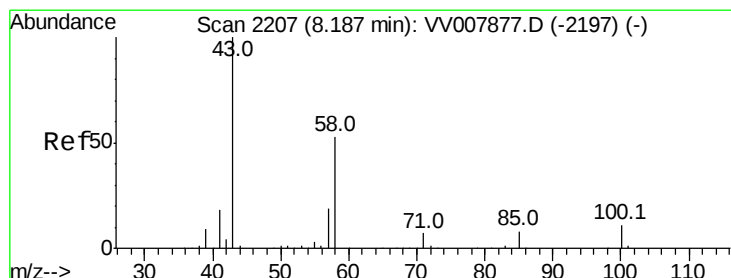
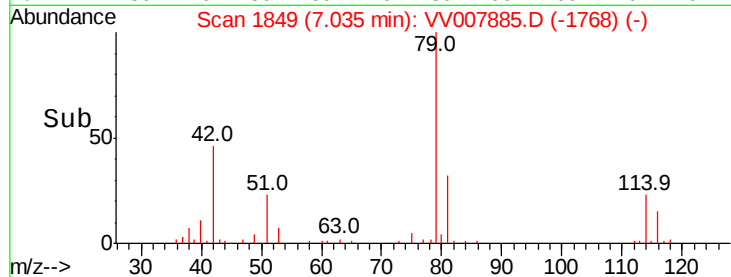
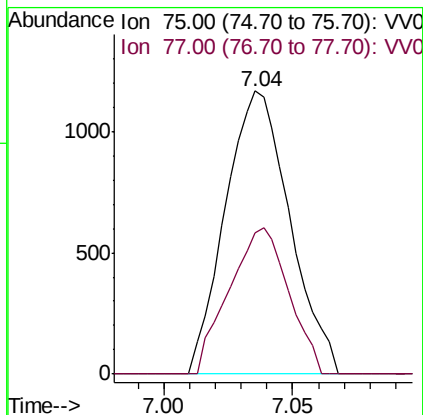
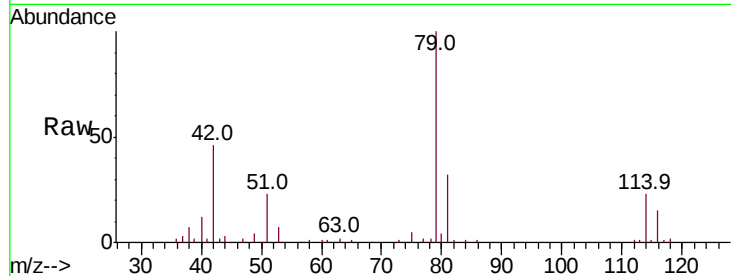


#39

cis-1,3-Dichloropropene
 Concen: 1.138 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007885.D
 Acq: 26 Sep 2018 15:47

Instrument :
 MSVOA_V
 ClientSampled :

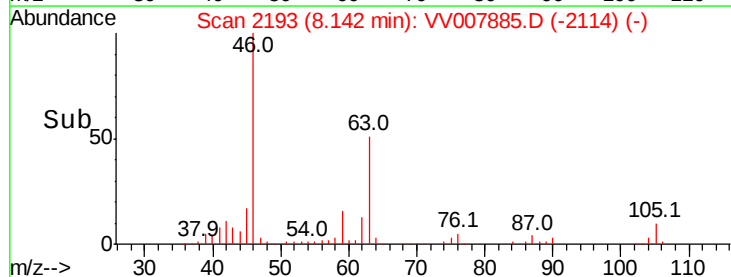
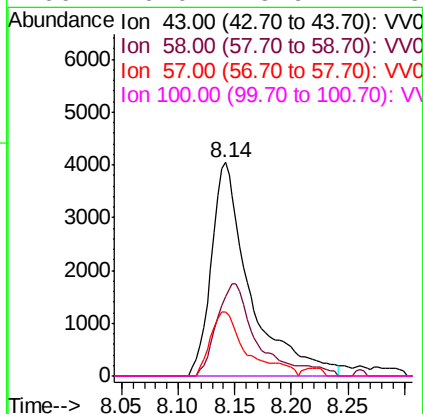
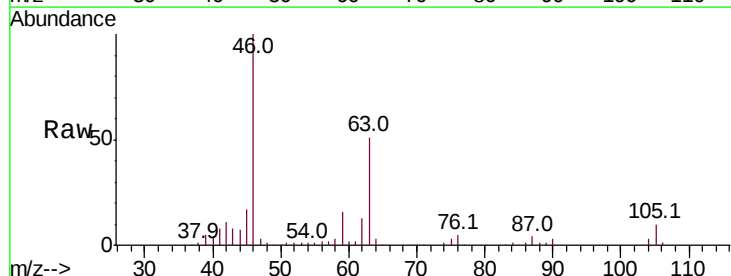
Tot Ion: 75 Resp: 2032
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.8 42.4#

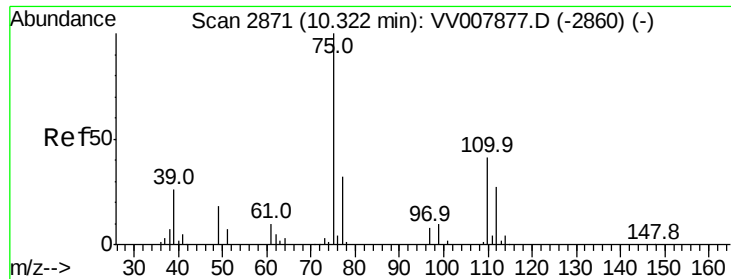


#48

2-Hexanone
 Concen: 7.025 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007885.D
 Acq: 26 Sep 2018 15:47

Tgt Ion: 43 Resp: 9647
 Ion Ratio Lower Upper
 43 100
 58 42.0 41.1 61.7
 57 27.8 14.3 21.5#
 100 0.0 9.9 14.9#

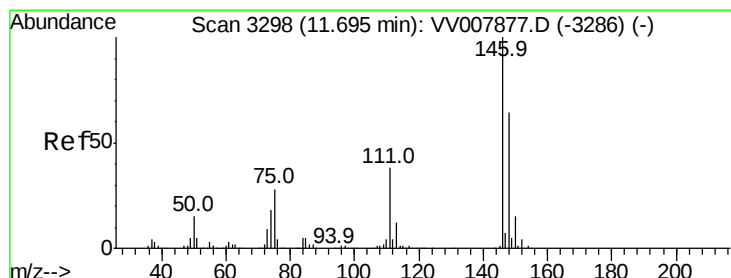
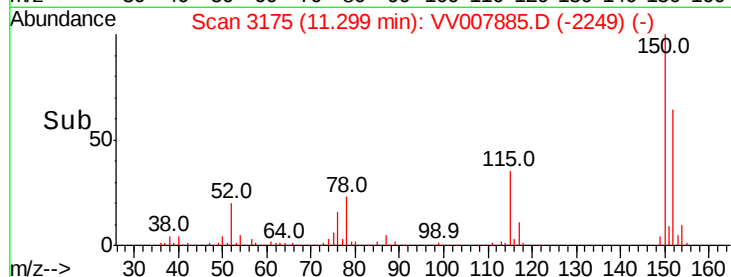
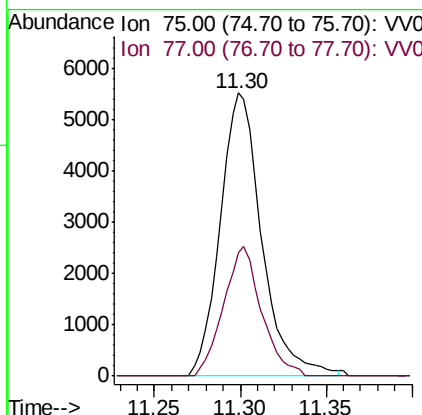
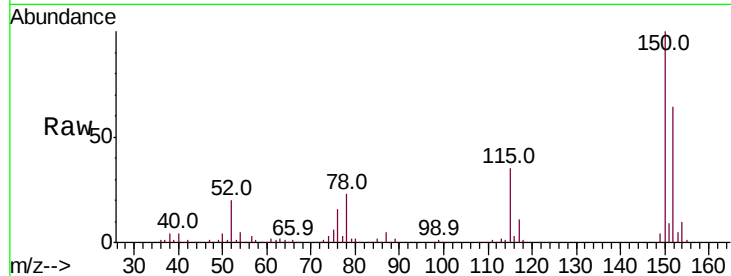




#59
 1,2,3-Trichloropropane
 Concen: 5.662 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV007885.D
 Acq: 26 Sep 2018 15:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 9268
 Ion Ratio Lower Upper
 75 100
 77 41.8 25.8 38.6#



#65
 1,2-Dichlorobenzene
 Concen: 0.656 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007885.D
 Acq: 26 Sep 2018 15:47

Tgt Ion: 146 Resp: 1883
 Ion Ratio Lower Upper
 146 100
 111 55.4 31.2 46.8#
 148 72.9 51.5 77.3

