

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007886.D
 Acq On : 26 Sep 2018 16:12
 Operator : SY/MD
 Sample : J5036-04
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 04:56:28 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	181959	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89640	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46182	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.98%
7) Chloroethane-d5	1.59	69	43516	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.36%
11) 1,1-Dichloroethene-d2	2.14	63	79957	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	3.96	46	28088	36.54	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	36.54%#
24) Chloroform-d	4.41	84	107212	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.09	65	80140	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.11	84	216722	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.13	67	70189	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.36	98	208549	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.67	79	30727	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.14	63	53511	86.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.32%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	100659	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	94726	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

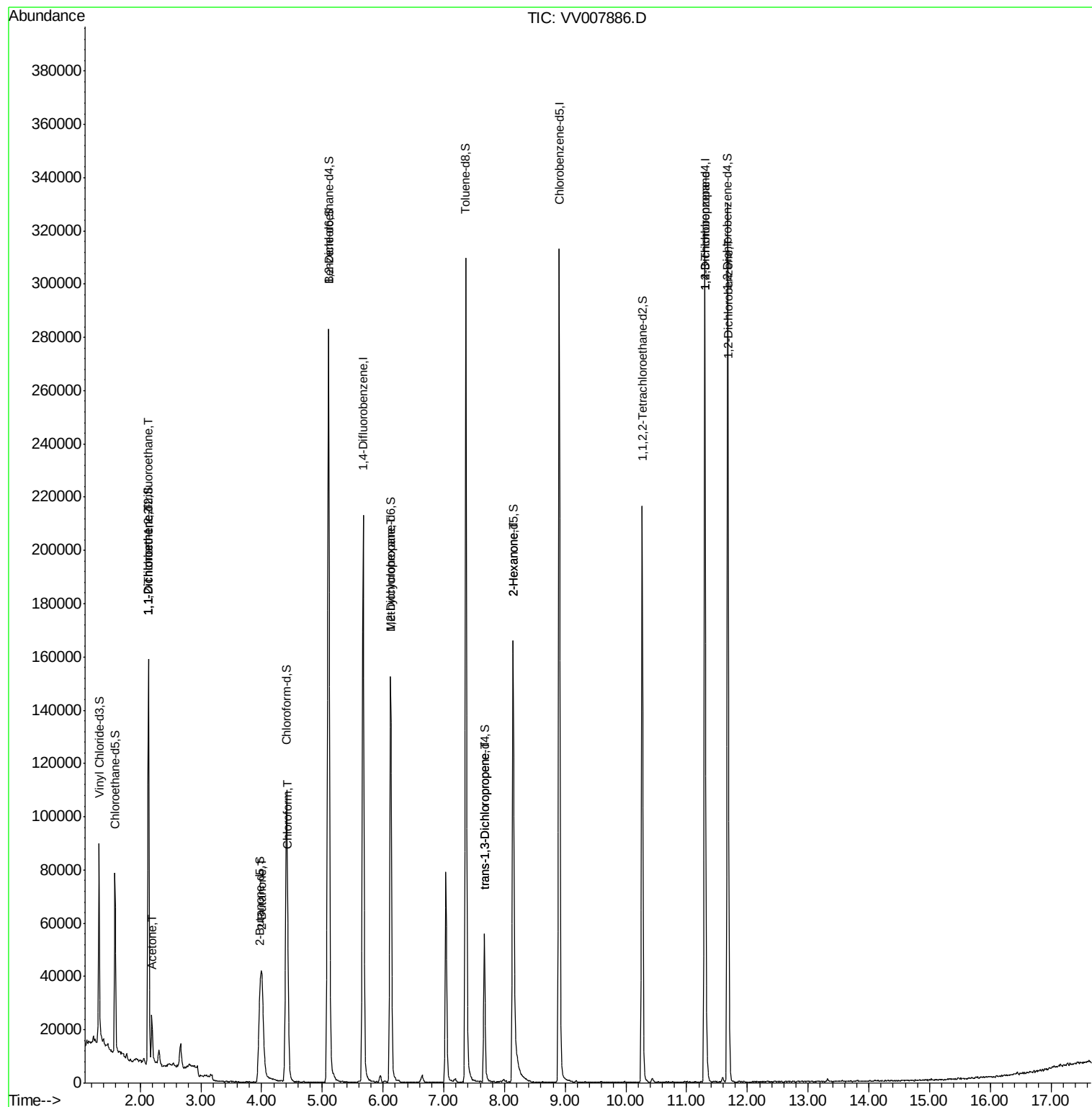
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	739	0.592	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	791	0.707	ug/L #	1
13) Acetone	2.19	43	14864	16.050	ug/L	97
22) 2-Butanone	4.02	43	14640	13.795	ug/L #	61
25) Chloroform	4.44	83	15494	6.369	ug/L	96
35) Methylcyclohexane	6.13	83	17315	8.453	ug/L #	19
44) trans-1,3-Dichloropropene	7.67	75	1510	0.834	ug/L	85
48) 2-Hexanone	8.14	43	9205	6.566	ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	9345	5.593	ug/L #	85
65) 1,2-Dichlorobenzene	11.69	146	1248	0.429	ug/L #	87

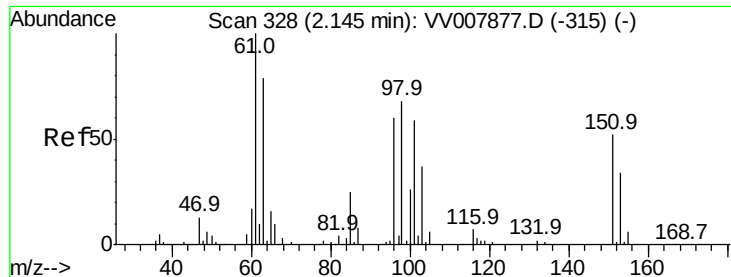
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.592 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007886.D

Acq: 26 Sep 2018 16:12

Instrument :

MSVOA_V

ClientSampleId :

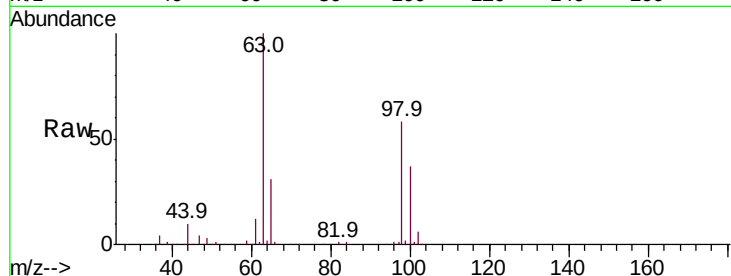
Tot Ion:101 Resp: 739

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

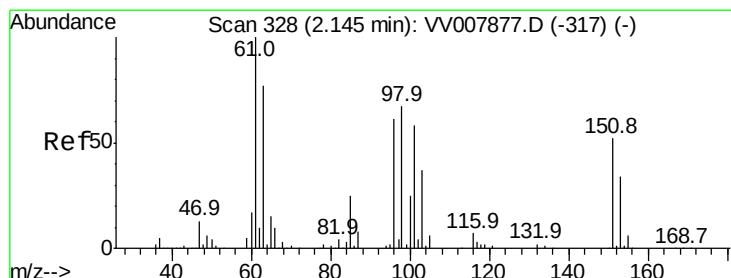
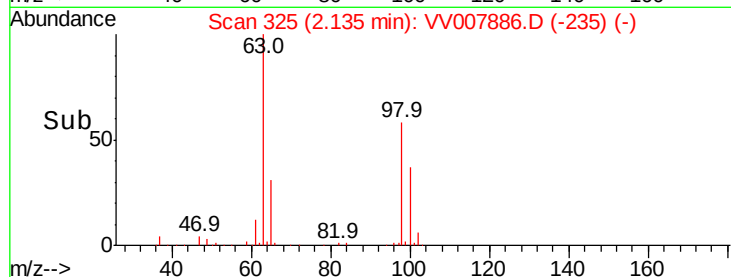
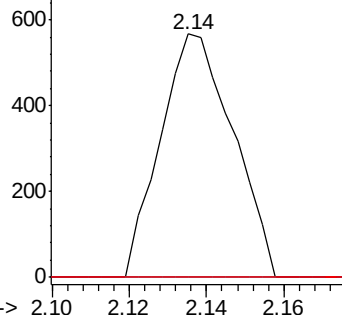
151 0.0 69.7 104.5#



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: 0.707 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007886.D

Acq: 26 Sep 2018 16:12

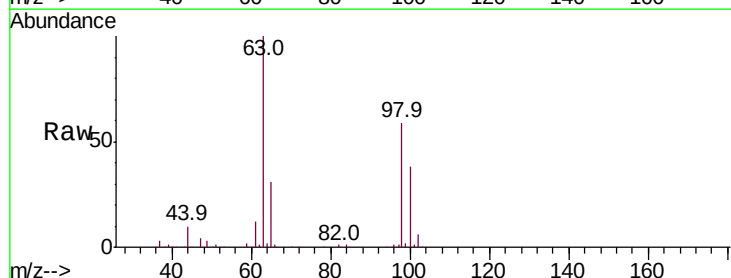
Tgt Ion: 96 Resp: 791

Ion Ratio Lower Upper

96 100

61 1275.0 116.1 215.7#

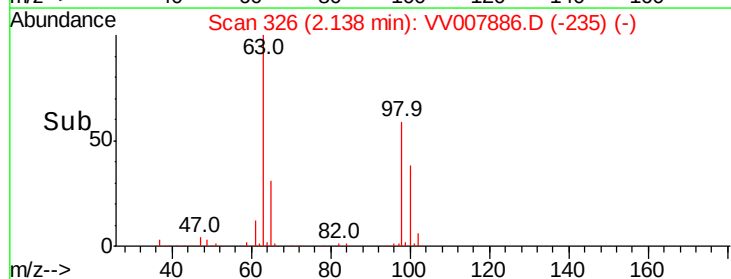
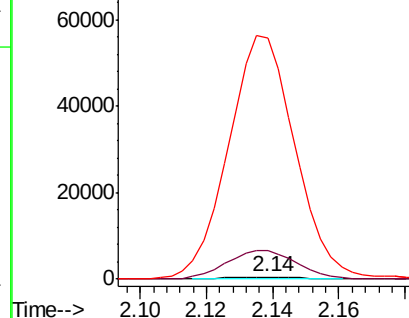
63 11003.1 86.5 160.7#

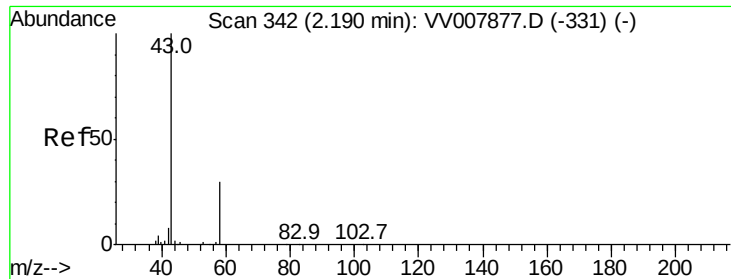


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 16.050 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007886.D

Acq: 26 Sep 2018 16:12

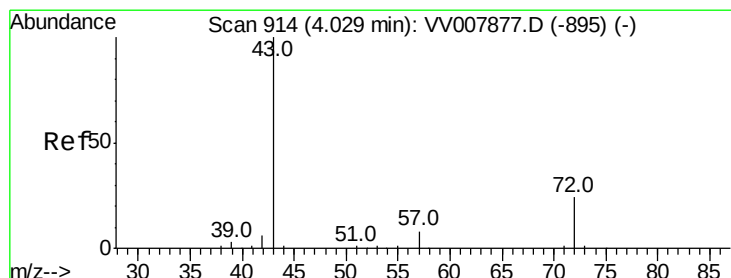
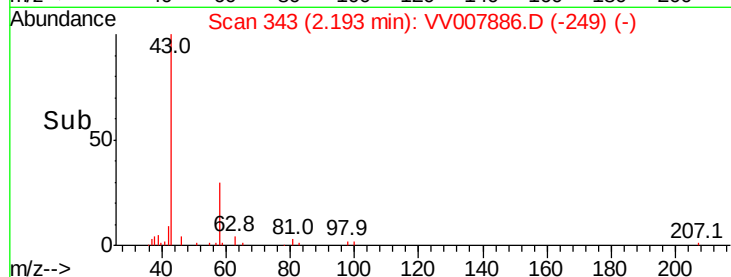
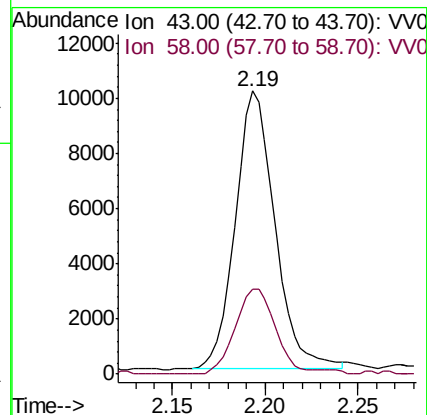
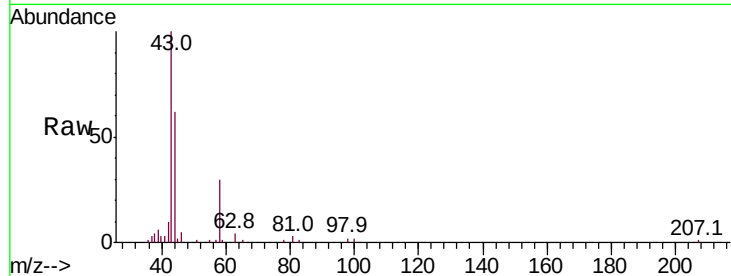
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14864

Ion Ratio Lower Upper

43 100

58 31.2 0.0 59.4



#22

2-Butanone

Concen: 13.795 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.01 min

Lab File: VV007886.D

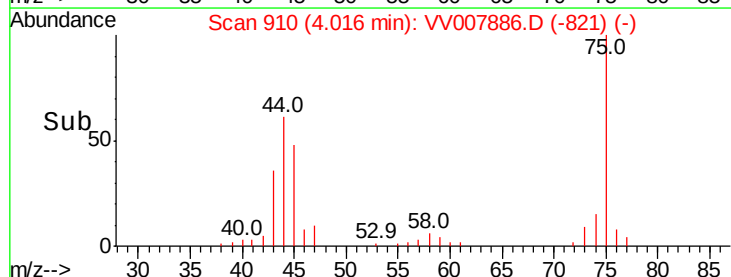
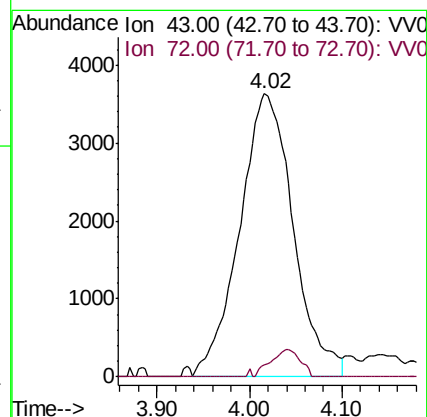
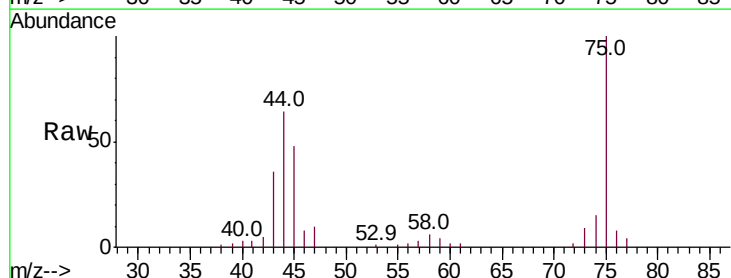
Acq: 26 Sep 2018 16:12

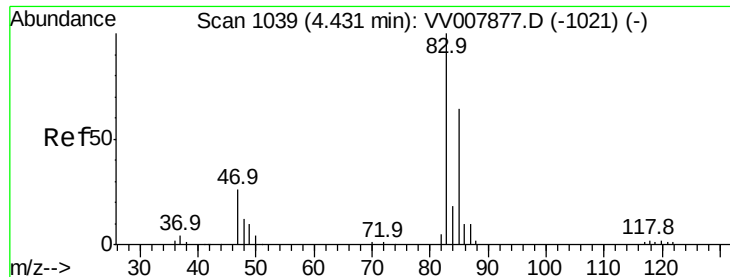
Tgt Ion: 43 Resp: 14640

Ion Ratio Lower Upper

43 100

72 5.4 12.4 37.2#

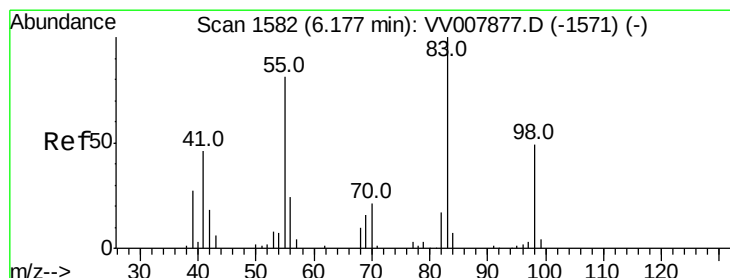
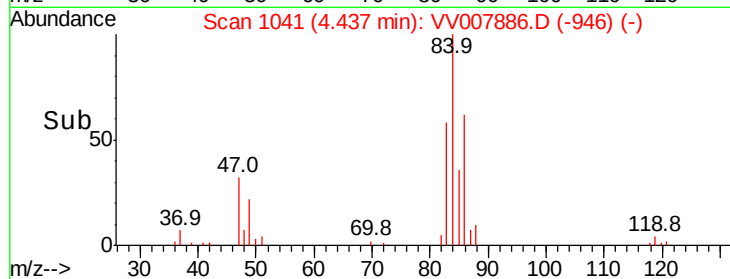
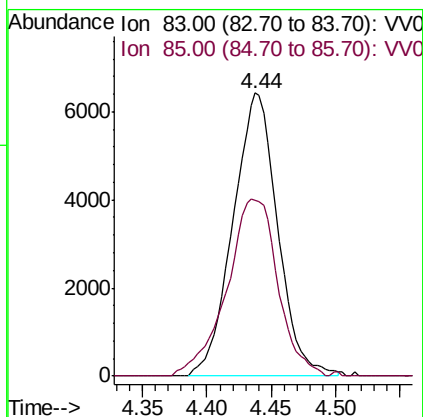
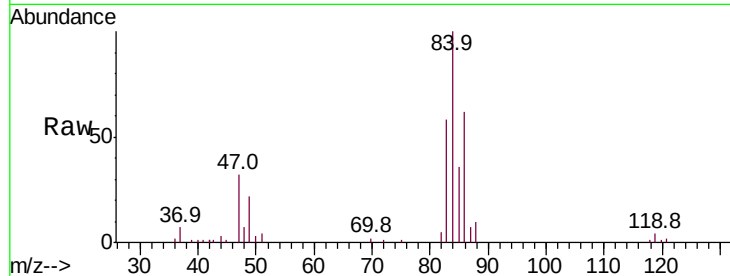




#25
Chloroform
Concen: 6.369 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV007886.D
Acq: 26 Sep 2018 16:12

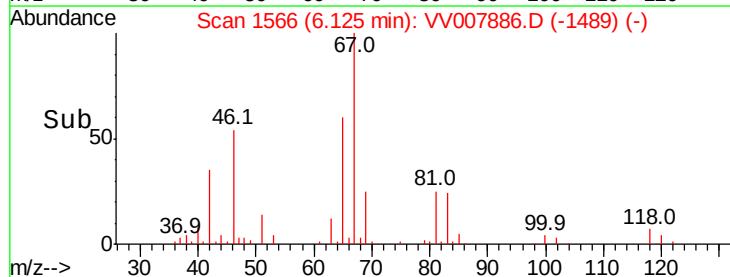
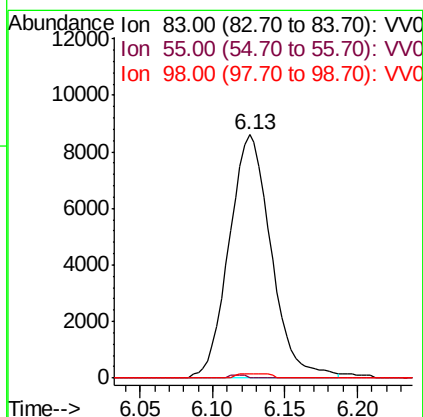
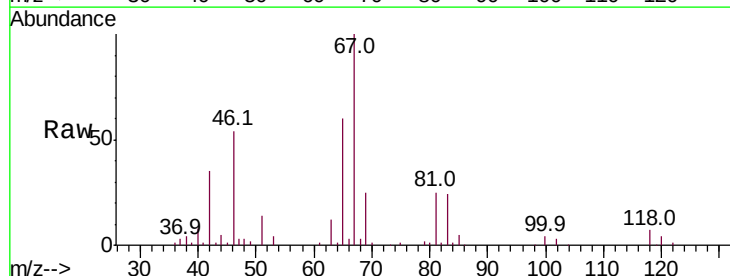
Instrument :
MSVOA_V
ClientSampleId :

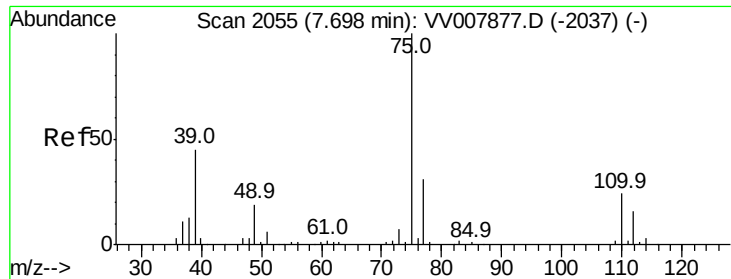
Tot Ion: 83 Resp: 15494
Ion Ratio Lower Upper
83 100
85 62.2 45.9 85.3



#35
Methylcyclohexane
Concen: 8.453 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007886.D
Acq: 26 Sep 2018 16:12

Tgt Ion: 83 Resp: 17315
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 1.4 37.6 56.4#





#44

trans-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007886.D

Acq: 26 Sep 2018 16:12

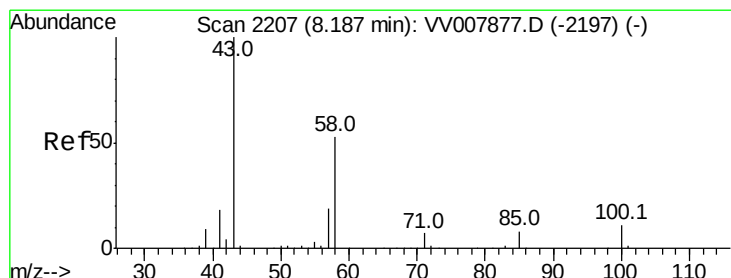
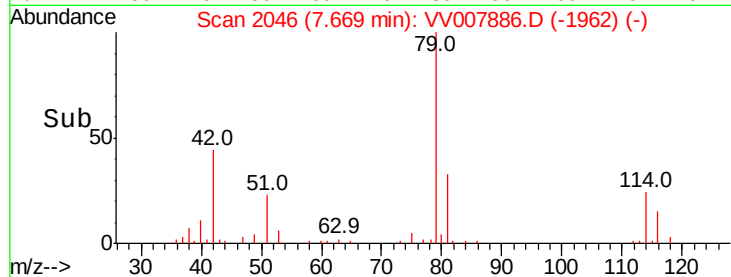
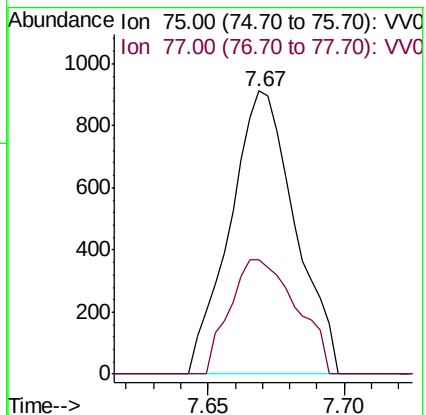
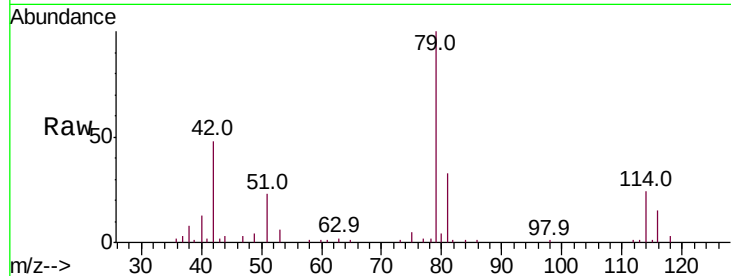
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1510

Ion Ratio Lower Upper

75 100

77 40.5 22.5 41.9



#48

2-Hexanone

Concen: 6.566 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007886.D

Acq: 26 Sep 2018 16:12

Tgt Ion: 43 Resp: 9205

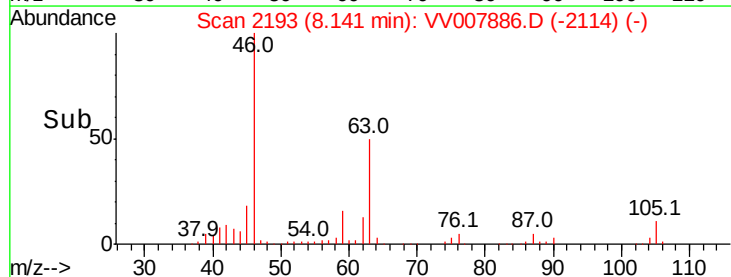
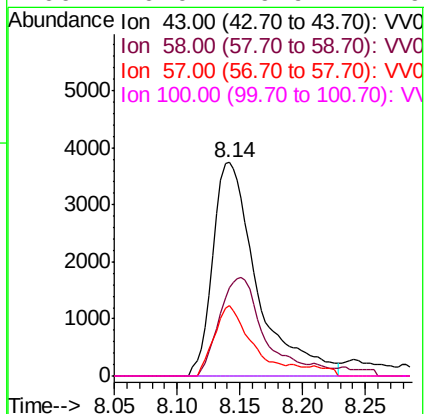
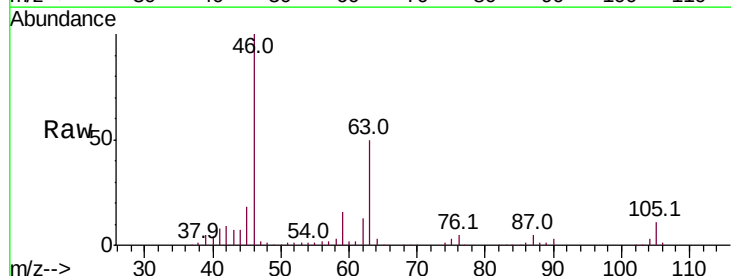
Ion Ratio Lower Upper

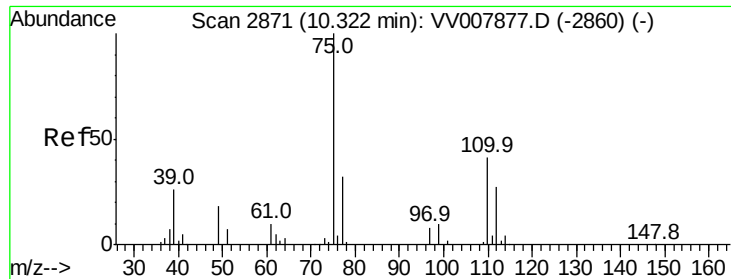
43 100

58 45.2 41.1 61.7

57 27.3 14.3 21.5#

100 0.0 9.9 14.9#

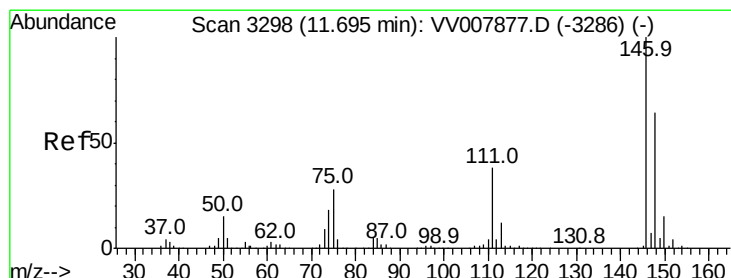
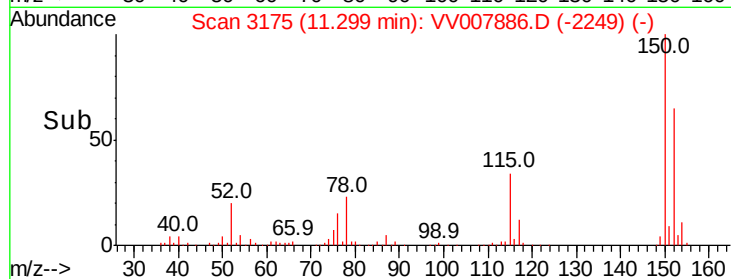
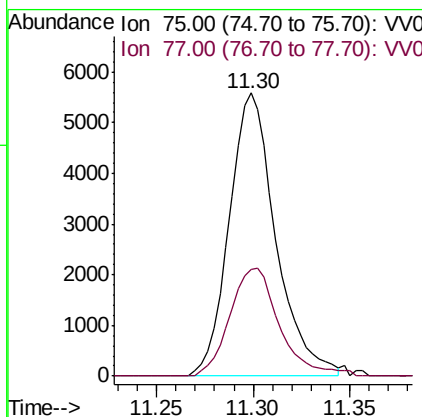
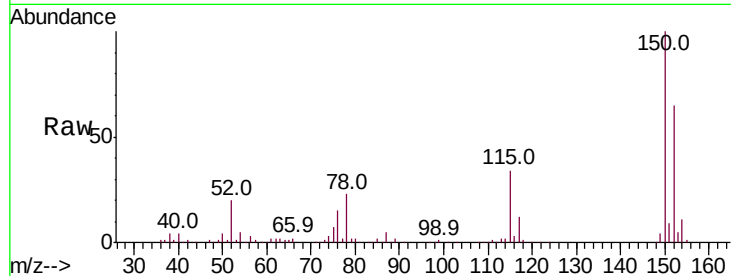




#59
 1,2,3-Trichloropropane
 Concen: 5.593 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV007886.D
 Acq: 26 Sep 2018 16:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 9345
 Ion Ratio Lower Upper
 75 100
 77 40.7 25.8 38.6#



#65
 1,2-Dichlorobenzene
 Concen: 0.429 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007886.D
 Acq: 26 Sep 2018 16:12

Tgt Ion: 146 Resp: 1248
 Ion Ratio Lower Upper
 146 100
 111 53.2 31.2 46.8#
 148 69.6 51.5 77.3

