

Data File : VV008933.D
Acq On : 14 Dec 2018 16:41
Operator : SY/MD
Sample : J6367-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL55

Quant Time: Dec 14 23:43:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203869	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52968	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.56	69	42075	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.32%
11) 1,1-Dichloroethene-d2	2.13	63	109421	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.84%
21) 2-Butanone-d5	3.93	46	92880	116.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.84%
24) Chloroform-d	4.41	84	124913	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
26) 1,2-Dichloroethane-d4	5.08	65	84403	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.10	84	259106	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
36) 1,2-Dichloropropane-d6	6.12	67	78793	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	7.36	98	239098	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.67	79	36958	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.94%
47) 2-Hexanone-d5	8.13	63	59345	105.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95959	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	85878	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

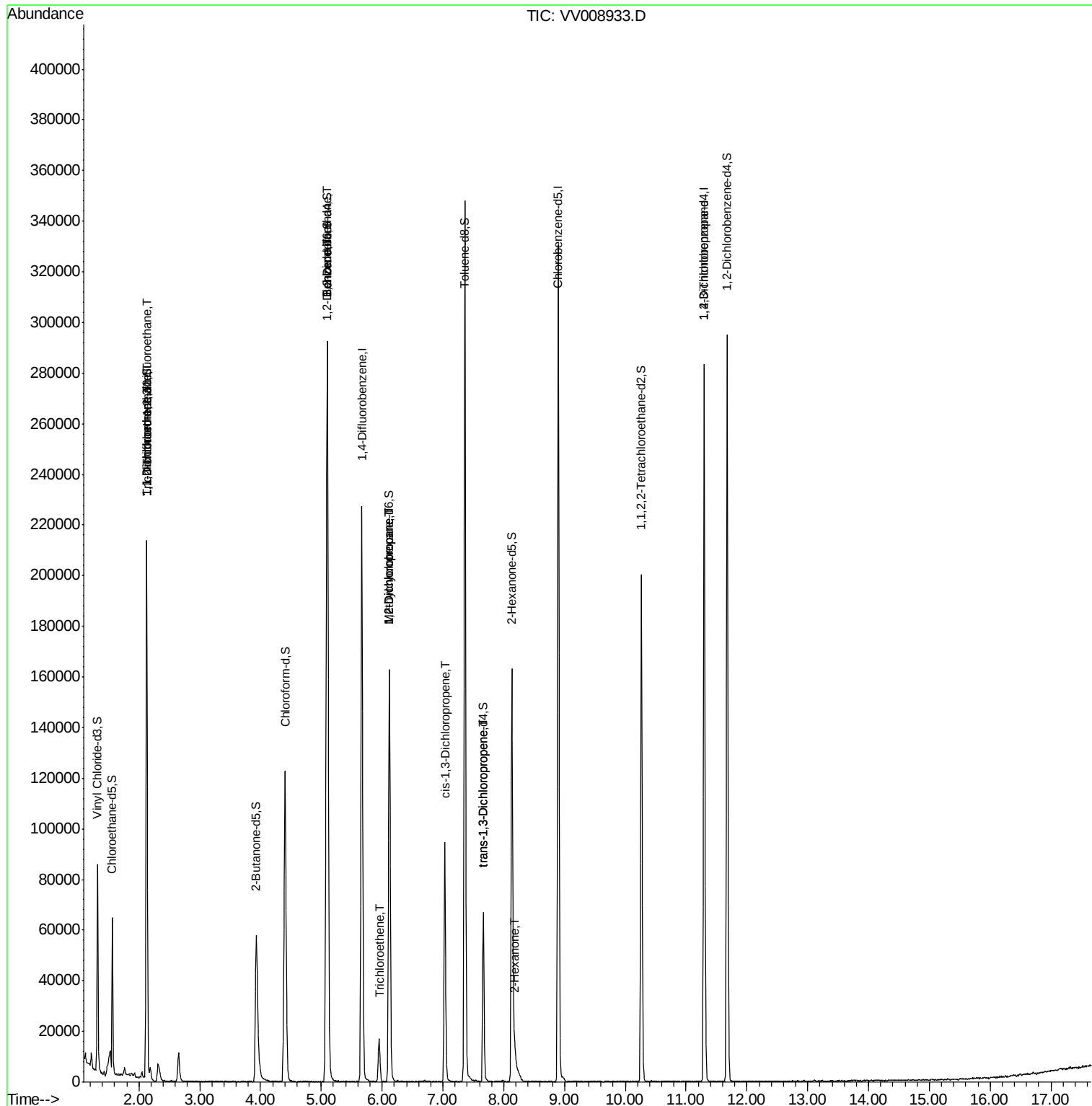
						Qvalue
9) Trichlorofluoromethane	2.13	101	1057	0.465	ug/L #	23
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1057	0.760	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	1197	0.946	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1416	0.723	ug/L #	74
33) Benzene	5.10	78	2205	0.426	ug/L	100
34) Trichloroethene	5.96	95	1038	0.695	ug/L	89
35) Methylcyclohexane	6.12	83	19835	8.959	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8910	6.664	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2315	1.086	ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	1678	0.844	ug/L #	67
48) 2-Hexanone	8.19	43	3383	2.630	ug/L #	95
59) 1,2,3-Trichloropropane	11.30	75	8138	4.833	ug/L	90

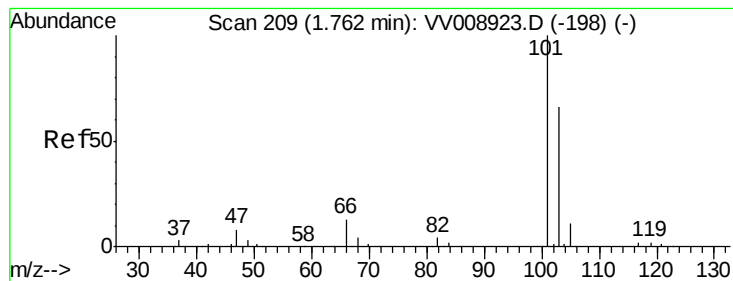
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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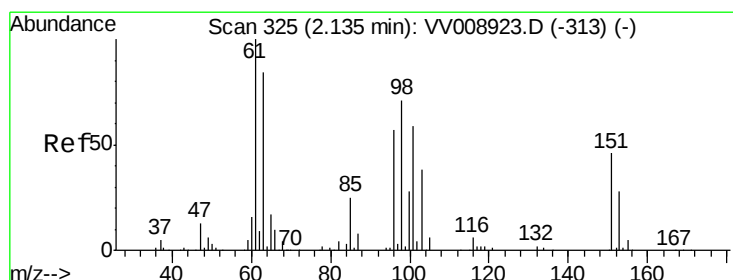
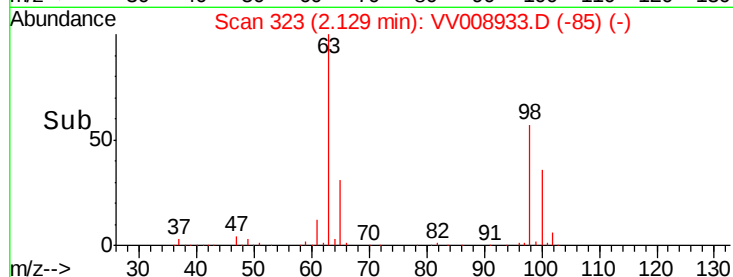
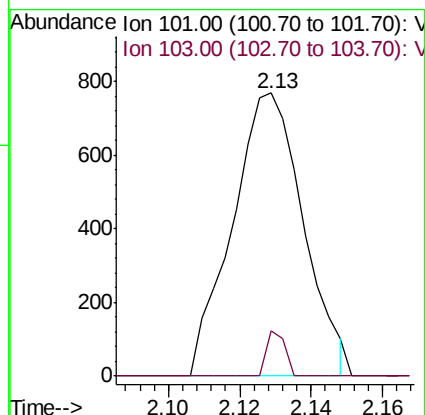
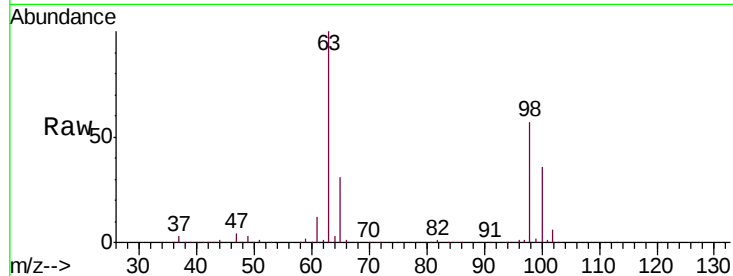


#9

Trichlorofluoromethane
 Concen: 0.465 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008933.D
 Acq: 14 Dec 2018 16:41

Instrument :
 MSVOA_V
 ClientSampleId :
 COL55

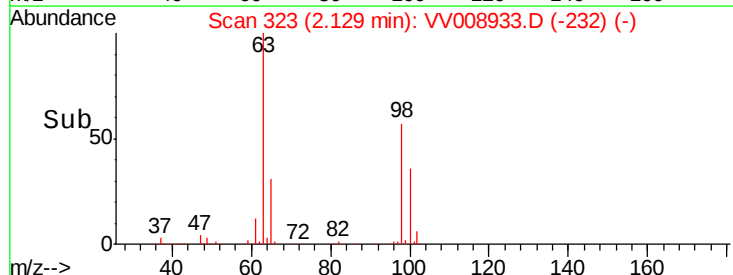
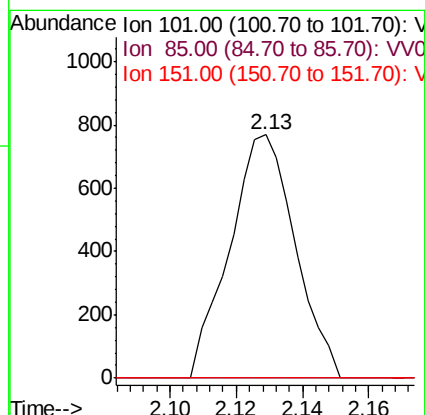
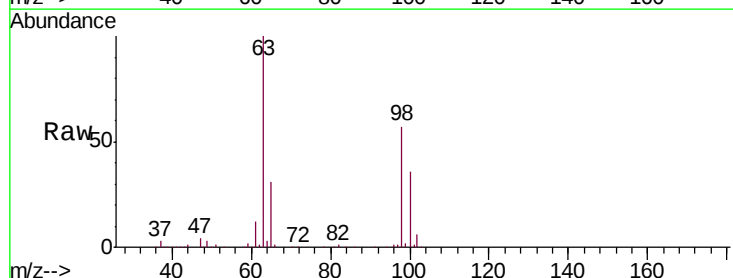
Tgt Ion:101 Resp: 1057
 Ion Ratio Lower Upper
 101 100
 103 4.2 51.5 77.3#

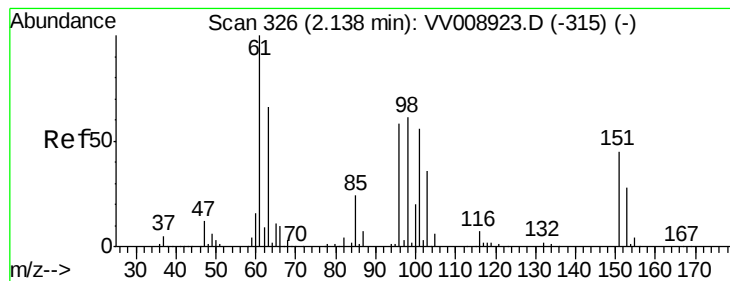


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.760 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008933.D
 Acq: 14 Dec 2018 16:41

Tgt Ion:101 Resp: 1057
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 0.946 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV008933.D

Acq: 14 Dec 2018 16:41

Instrument :

MSVOA_V

ClientSampled :

C0L55

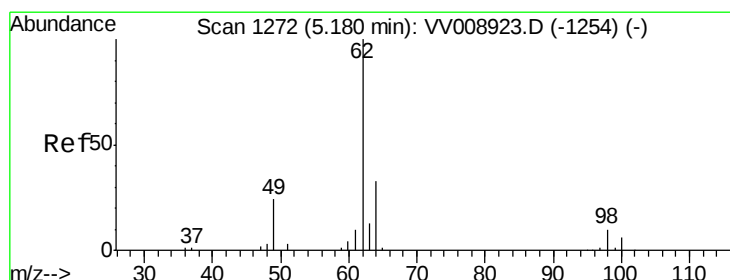
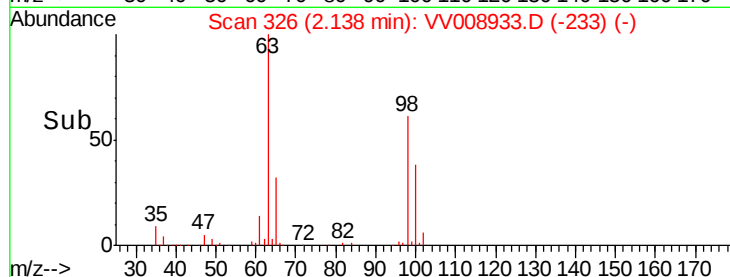
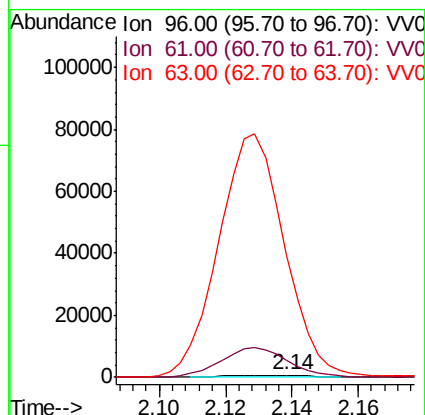
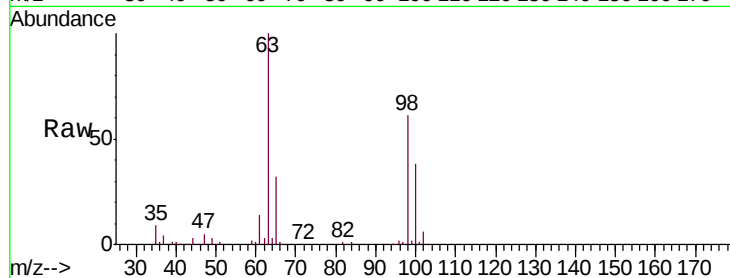
Tgt Ion: 96 Resp: 1197

Ion Ratio Lower Upper

96 100

61 759.1 119.1 221.3#

63 5568.2 96.0 178.2#



#27

1,2-Dichloroethane

Concen: 0.723 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV008933.D

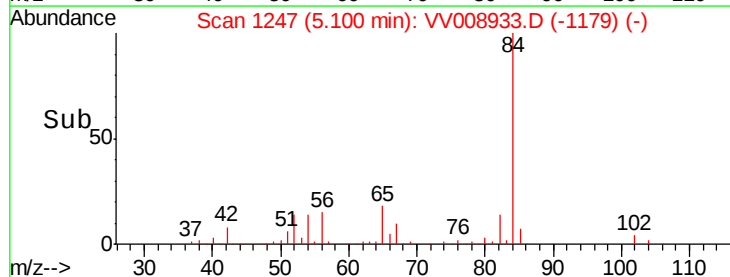
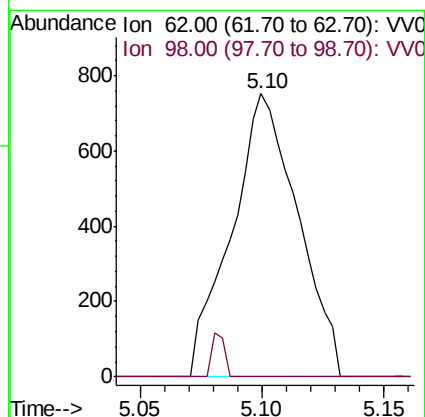
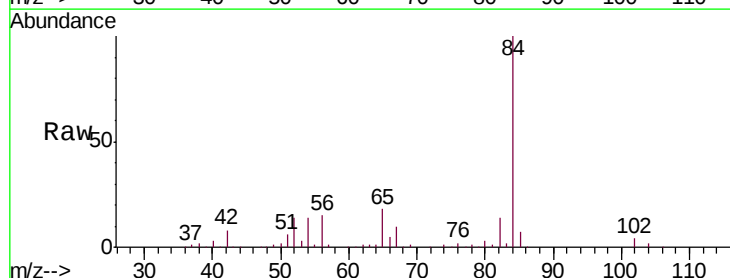
Acq: 14 Dec 2018 16:41

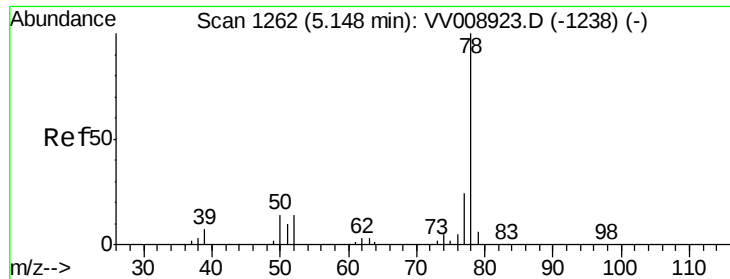
Tgt Ion: 62 Resp: 1416

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.426 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.05 min

Lab File: VV008933.D

Acq: 14 Dec 2018 16:41

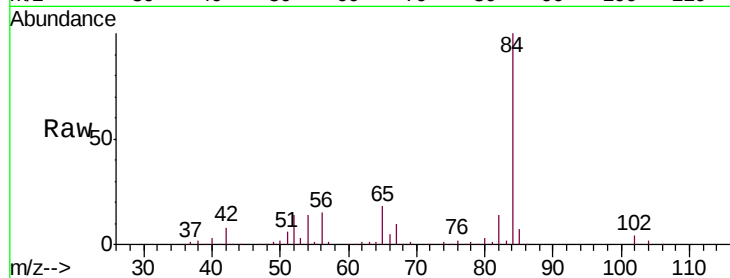
Instrument :

MSVOA_V

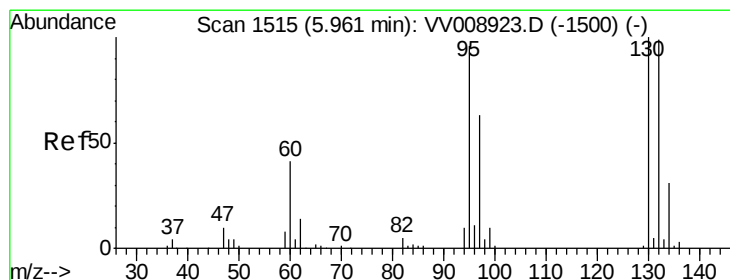
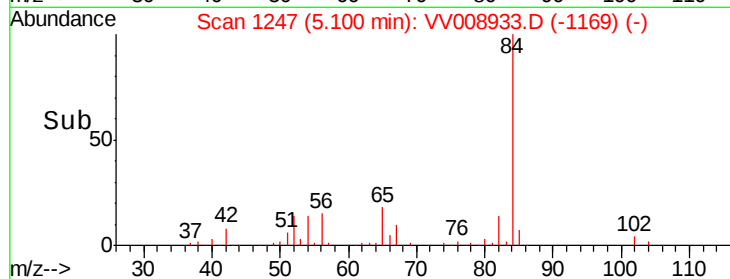
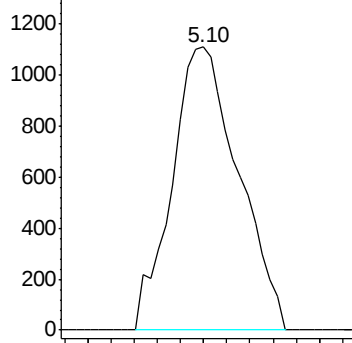
ClientSampled :

COL55

Tgt Ion: 78 Resp: 2205



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 0.695 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008933.D

Acq: 14 Dec 2018 16:41

Tgt Ion: 95 Resp: 1038

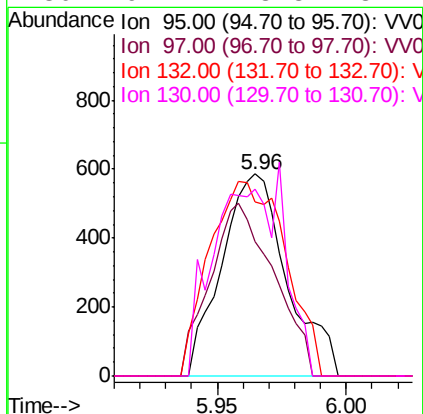
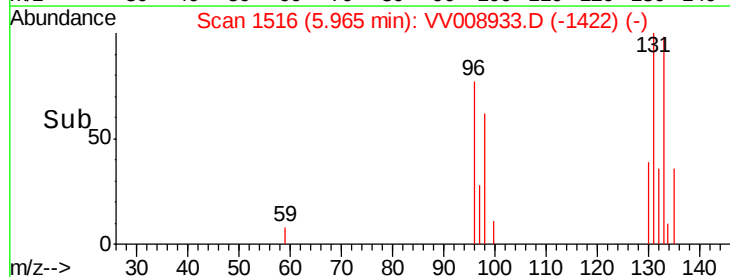
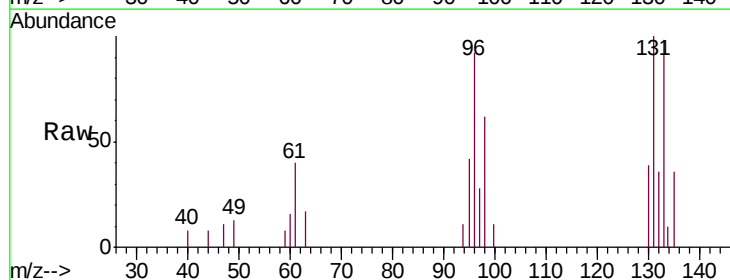
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.7	84.9
132	86.3	72.2	134.2
130	92.7	73.8	137.2

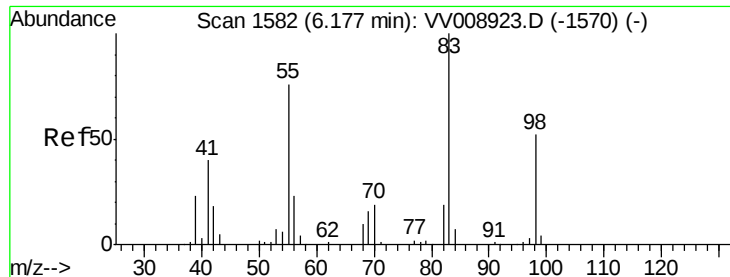
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

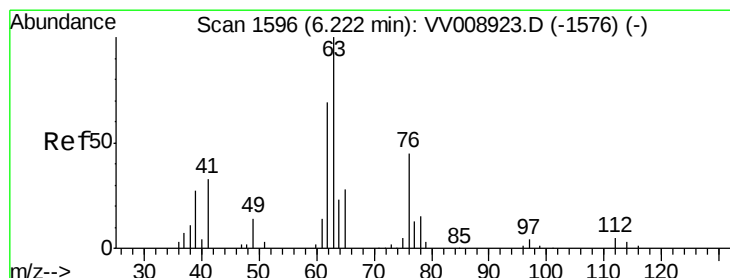
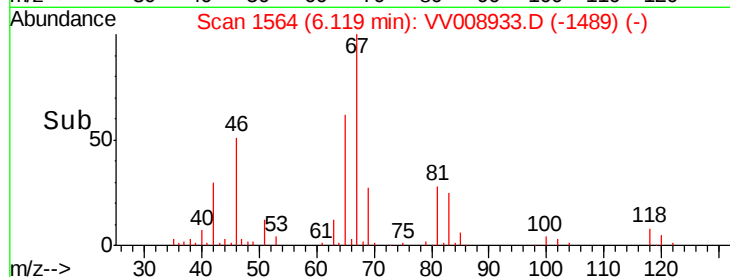
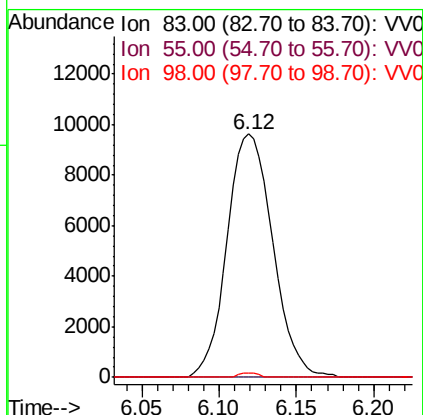
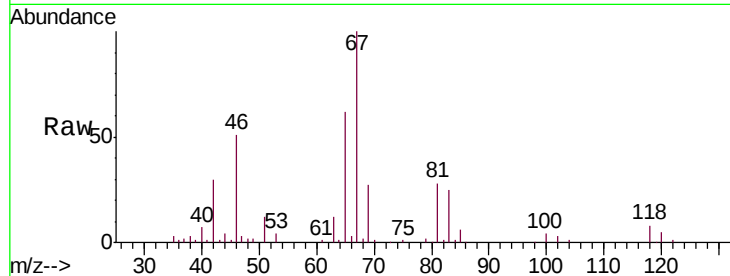




#35
Methylcyclohexane
Concen: 8.959 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008933.D
Acq: 14 Dec 2018 16:41

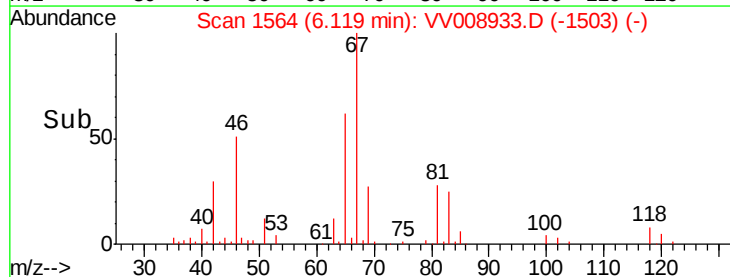
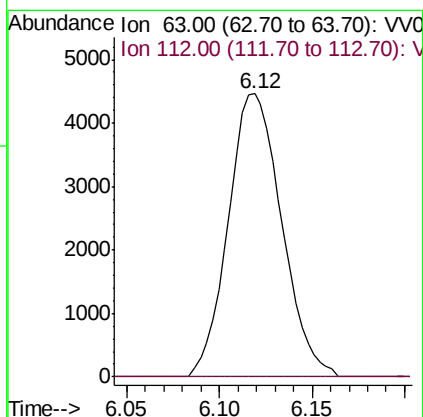
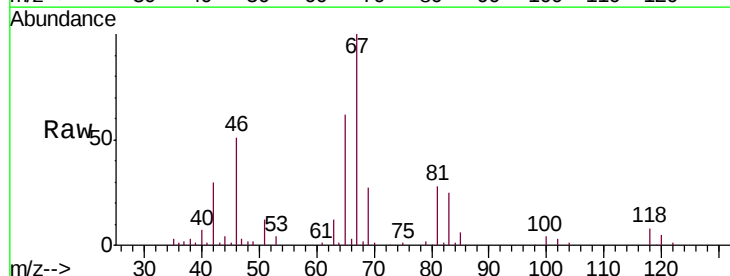
Instrument :
MSVOA_V
ClientSampleId :
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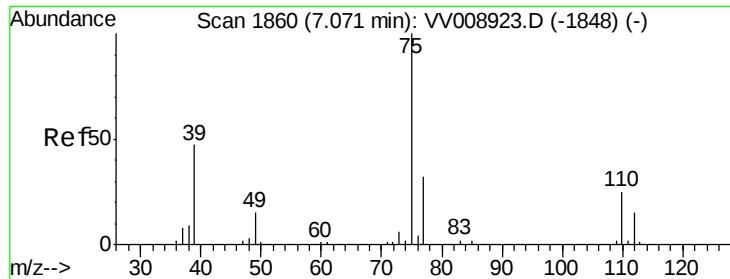
Tgt Ion: 83 Resp: 19835
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.7 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 6.664 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008933.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 63 Resp: 8910
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

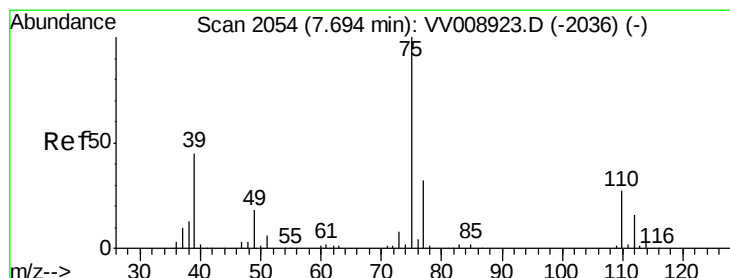
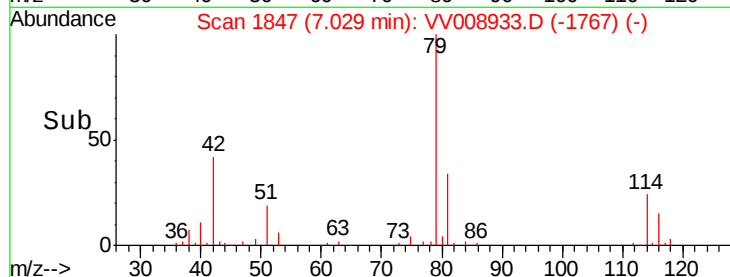
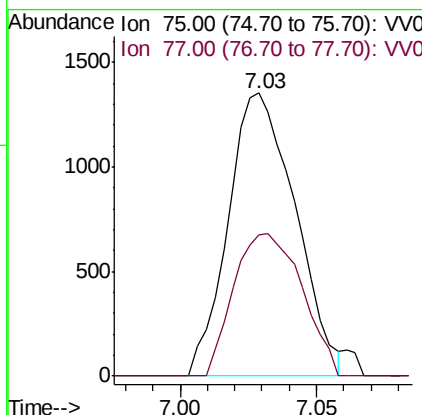
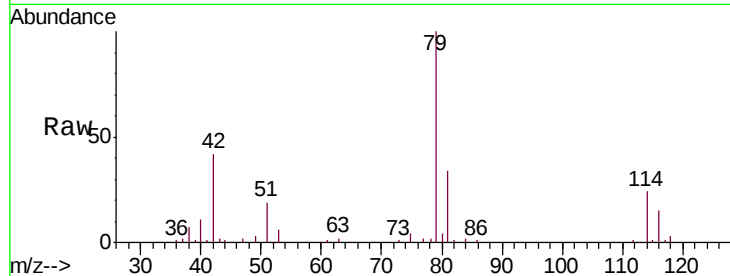




#39
 cis-1,3-Dichloropropene
 Concen: 1.086 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008933.D
 Acq: 14 Dec 2018 16:41

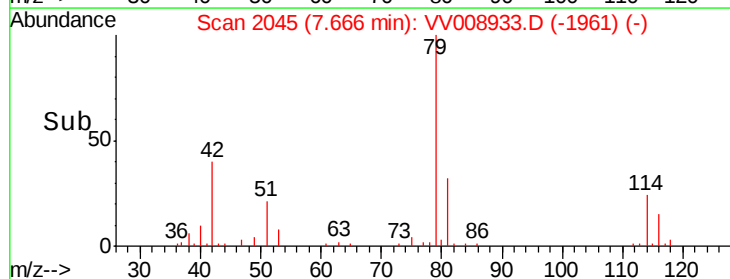
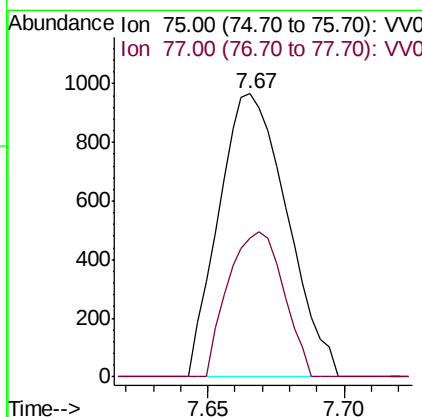
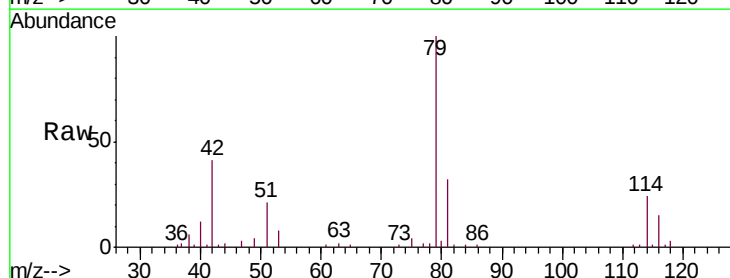
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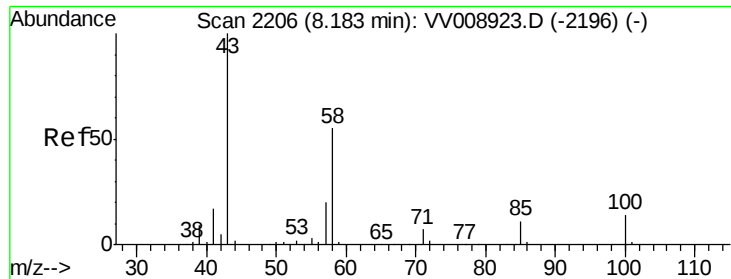
Tgt Ion: 75 Resp: 2315
 Ion Ratio Lower Upper
 75 100
 77 49.9 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.844 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008933.D
 Acq: 14 Dec 2018 16:41

Tgt Ion: 75 Resp: 1678
 Ion Ratio Lower Upper
 75 100
 77 49.0 21.6 40.2#

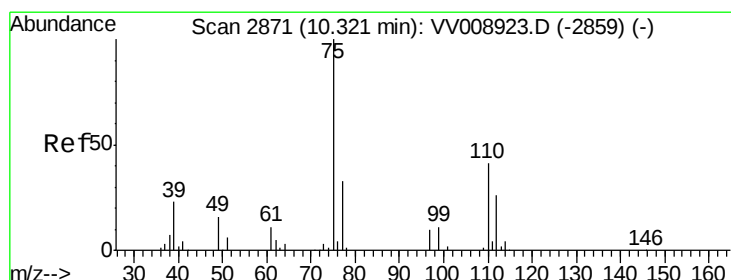
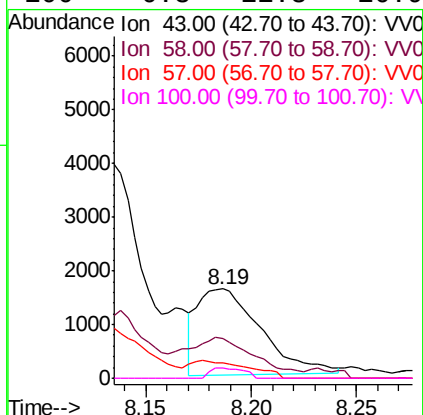
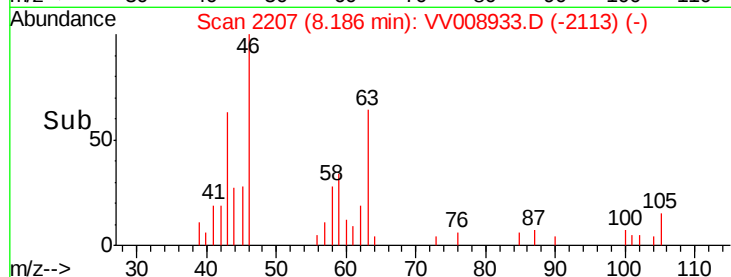
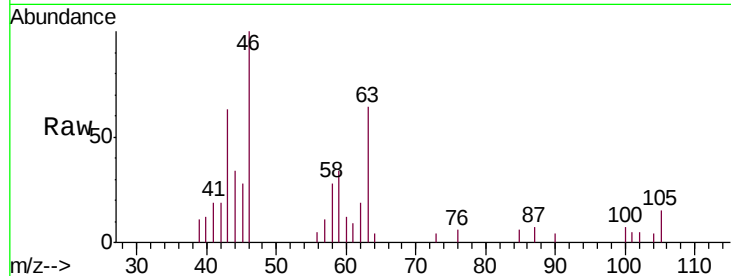




#48
2-Hexanone
Concen: 2.630 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV008933.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_V
ClientSampleId :
COL55

Tgt Ion: 43 Resp: 3383
Ion Ratio Lower Upper
43 100
58 52.1 42.7 64.1
57 18.6 15.7 23.5
100 6.3 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.833 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008933.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 75 Resp: 8138
Ion Ratio Lower Upper
75 100
77 38.1 25.8 38.8

