

Data File : VV011938.D
Acq On : 18 Jul 2019 17:05
Operator : SY/MD
Sample : K3823-10DL 20X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52L4DL

Quant Time: Jul 19 05:47:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	149980	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37897	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.59	69	31826	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.13	63	55354	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.94	46	137906	49.57	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.40	84	106080	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	59527	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	214378	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	66430	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	179604	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	21693	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.13	63	92235	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39057	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	73428	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

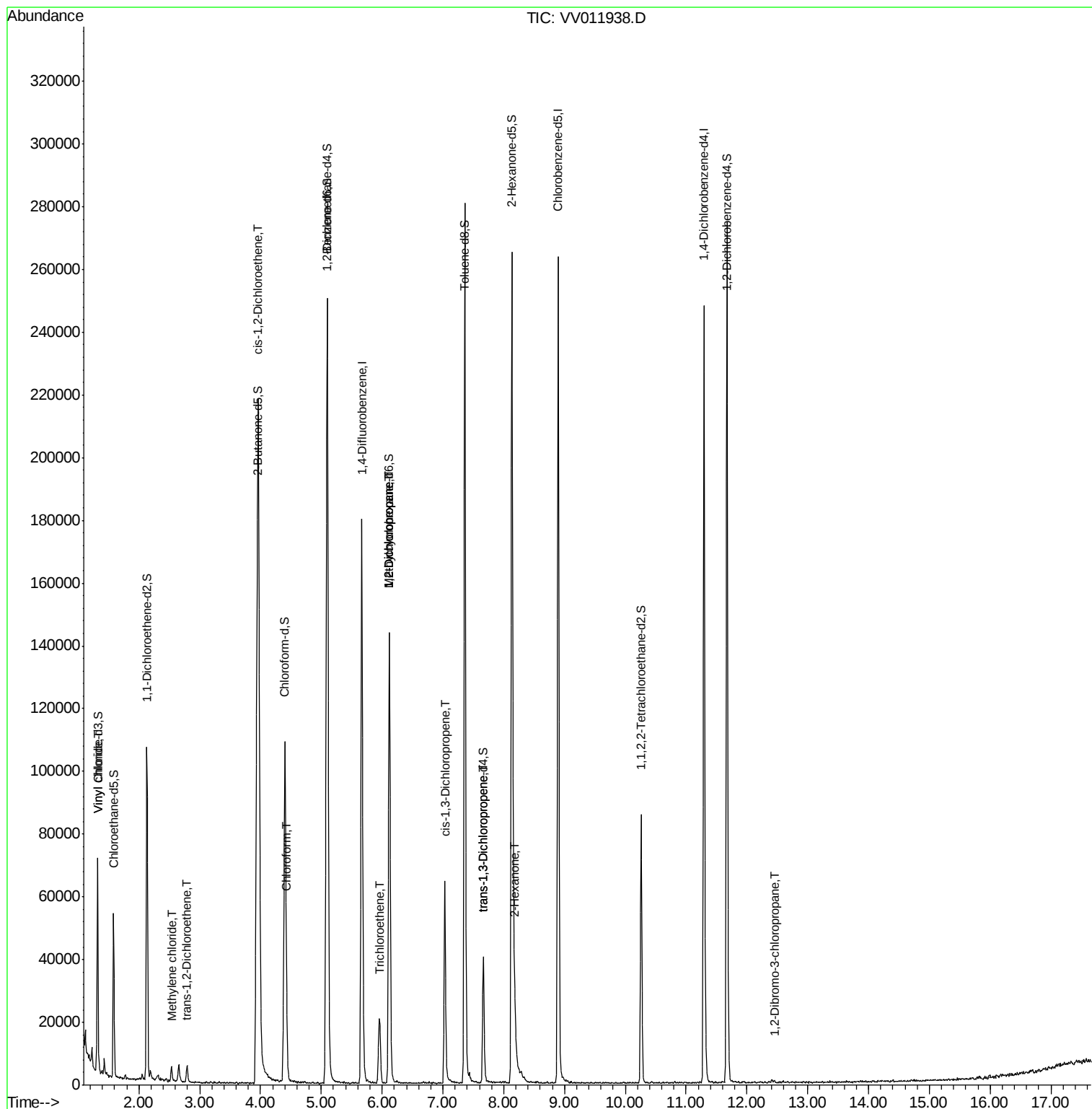
					Qvalue
5) Vinyl chloride	1.32	62	2268	0.158 ug/L #	78
16) Methylene chloride	2.54	84	1595	0.190 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	2009	0.179 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	90462	7.818 ug/L	92
25) Chloroform	4.43	83	4621	0.202 ug/L	99
34) Trichloroethene	5.96	95	4589	0.364 ug/L	93
35) Methylcyclohexane	6.12	83	16657	0.871 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7642	0.690 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1703	0.112 ug/L #	65
44) trans-1,3-Dichloropropene	7.66	75	1084	0.090 ug/L	85
48) 2-Hexanone	8.18	43	9503	1.995 ug/L #	89
66) 1,2-Dibromo-3-chloropropan	12.45	75	116	0.100 ug/L #	3

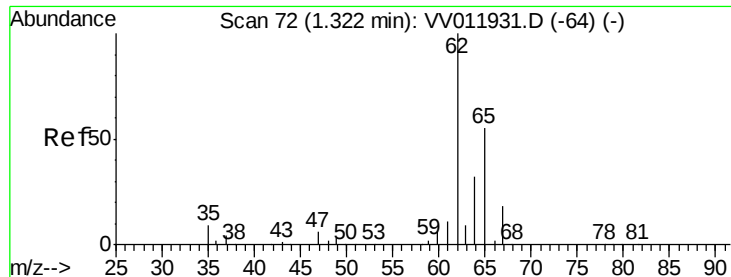
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.158 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV011938.D

Acq: 18 Jul 2019 17:05

Instrument :

MSVOA_V

ClientSampled :

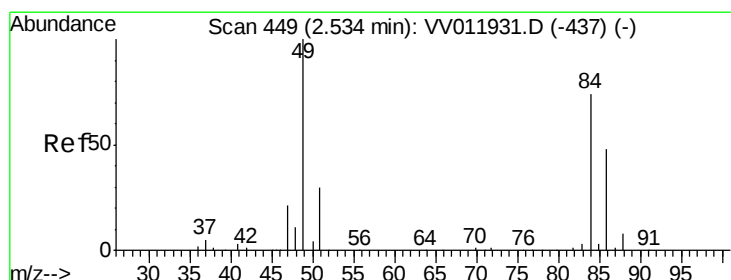
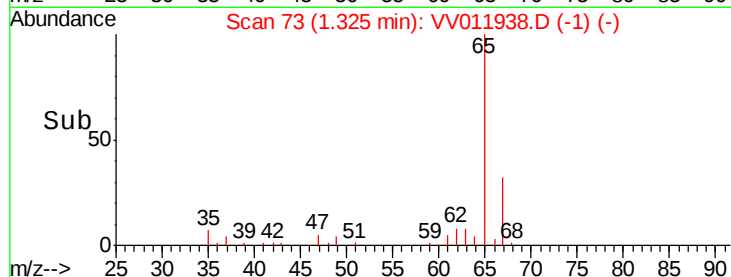
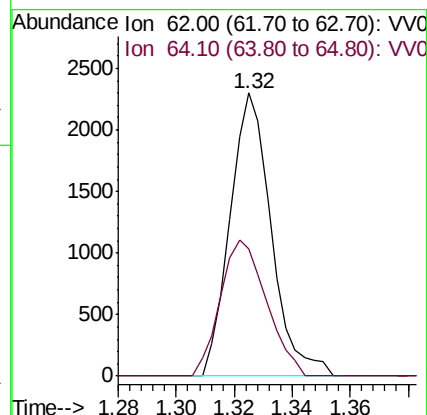
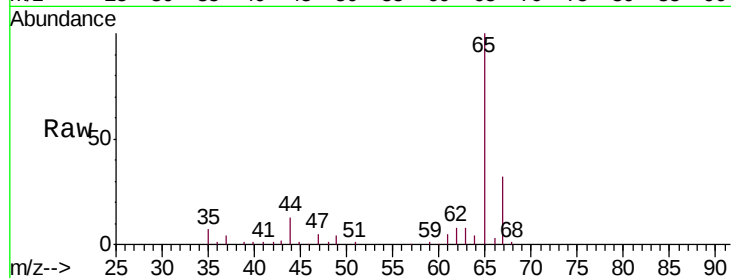
A52L4DL

Tgt Ion: 62 Resp: 2268

Ion Ratio Lower Upper

62 100

64 44.9 22.9 42.5#



#16

Methylene chloride

Concen: 0.190 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV011938.D

Acq: 18 Jul 2019 17:05

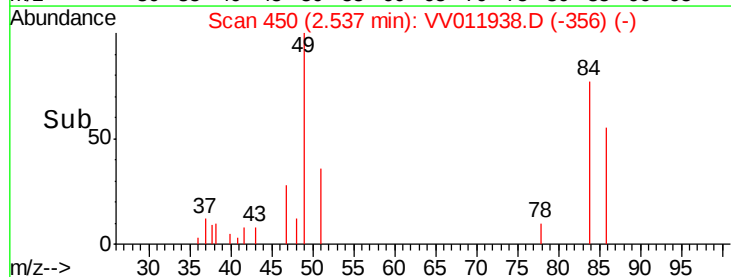
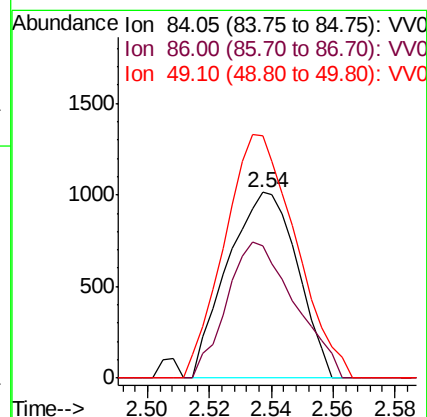
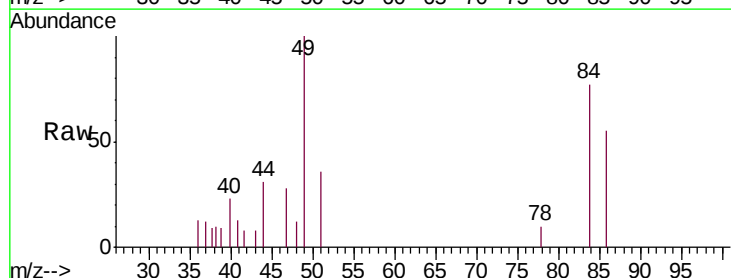
Tgt Ion: 84 Resp: 1595

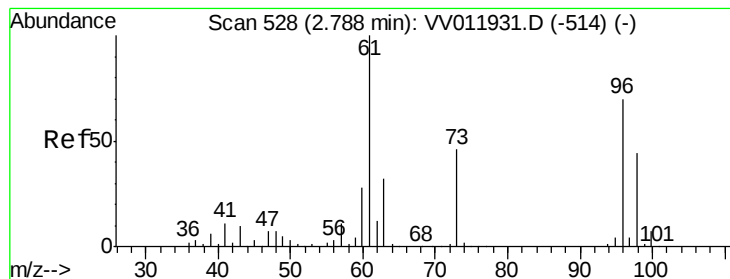
Ion Ratio Lower Upper

84 100

86 71.5 44.8 83.2

49 130.3 90.4 168.0





#18

trans-1,2-Dichloroethene

Concen: 0.179 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV011938.D

Acq: 18 Jul 2019 17:05

Instrument :

MSVOA_V

ClientSampleId :

A52L4DL

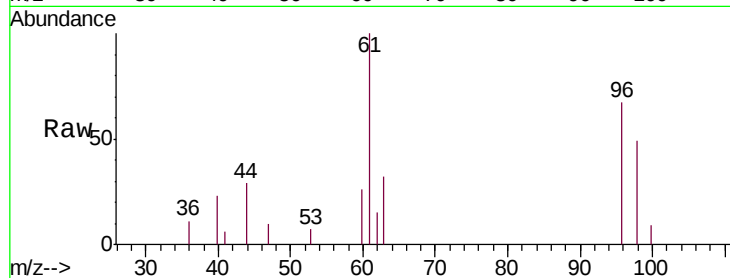
Tgt Ion: 96 Resp: 2009

Ion Ratio Lower Upper

96 100

61 149.9 102.2 189.8

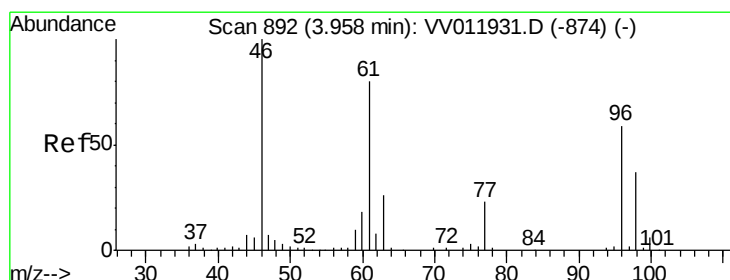
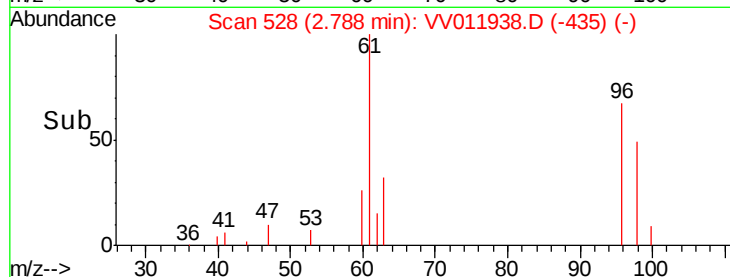
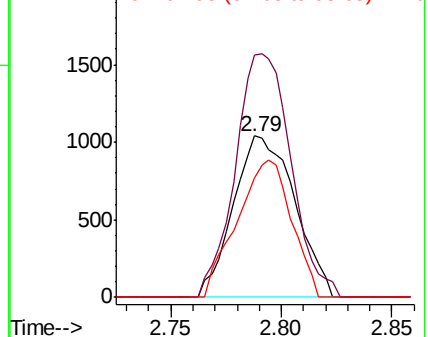
98 74.1 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 7.818 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV011938.D

Acq: 18 Jul 2019 17:05

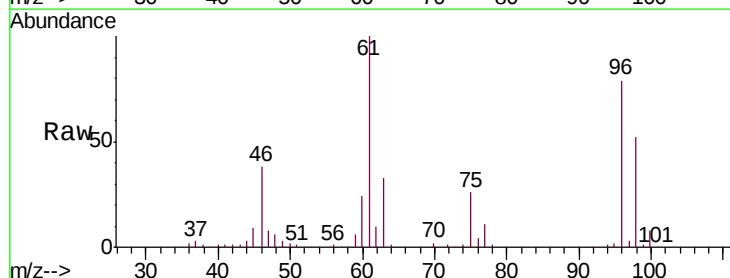
Tgt Ion: 96 Resp: 90462

Ion Ratio Lower Upper

96 100

61 126.8 95.2 176.8

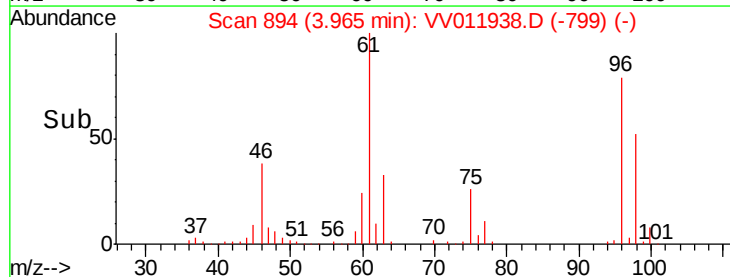
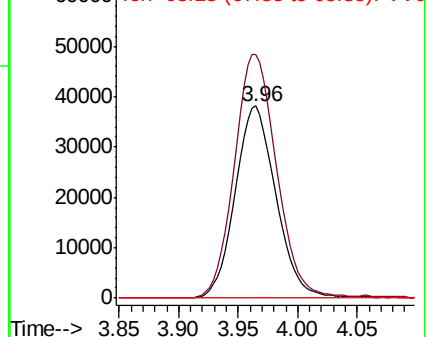
68 0.0 0.0 0.0

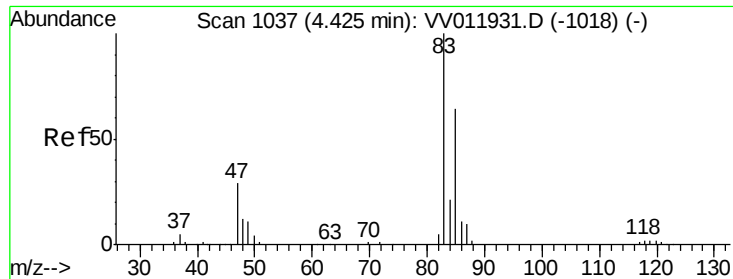


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

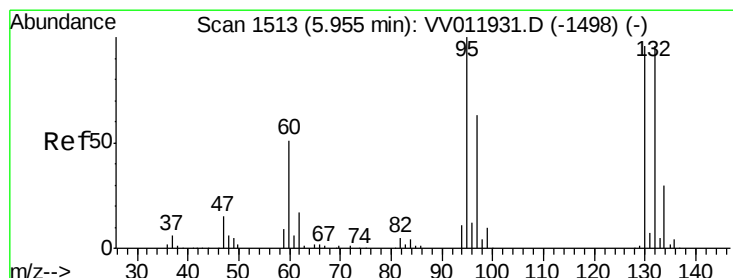
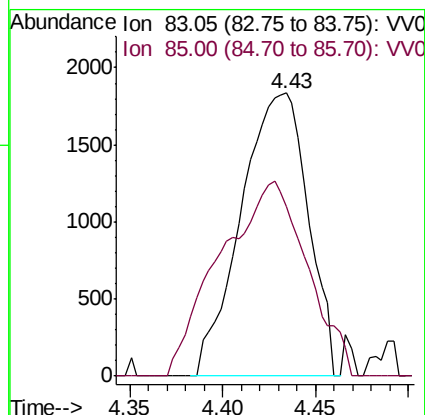
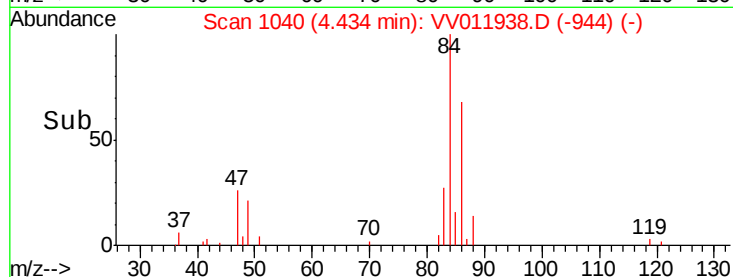
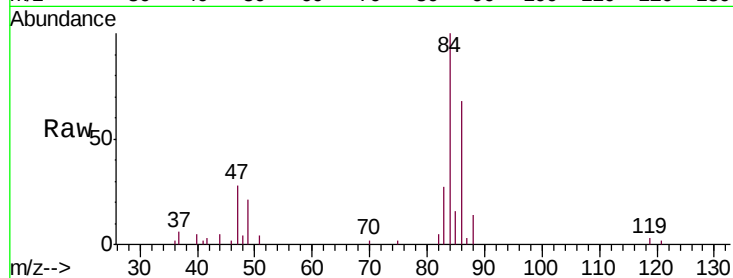




#25
Chloroform
Concen: 0.202 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV011938.D
Acq: 18 Jul 2019 17:05

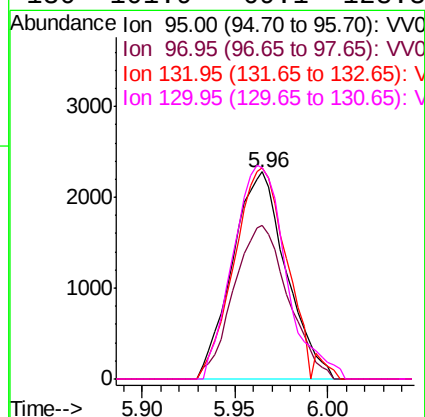
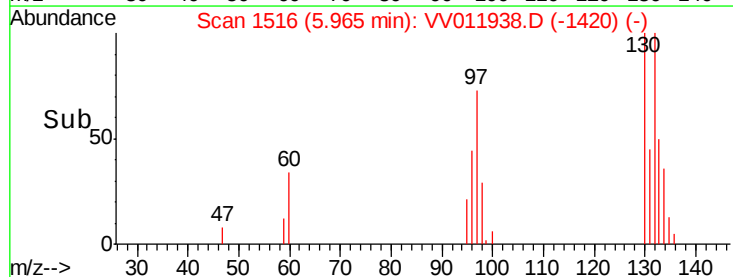
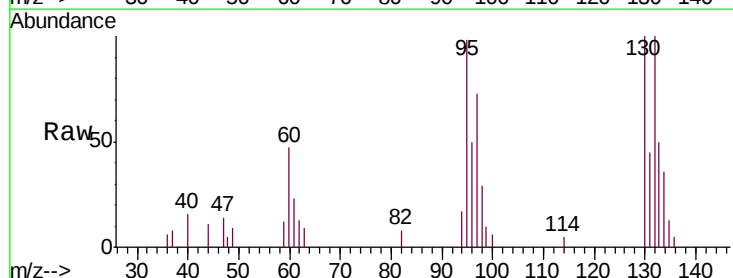
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A52L4DL

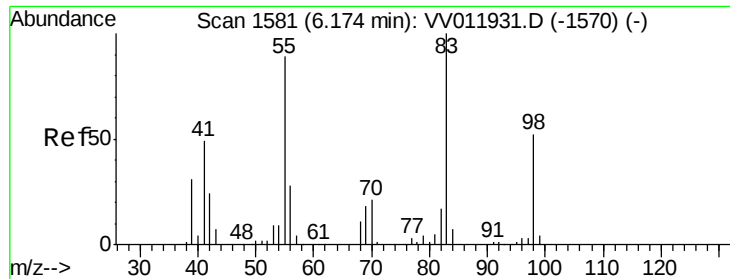
Tgt Ion: 83 Resp: 4621
Ion Ratio Lower Upper
83 100
85 59.7 42.5 78.9



#34
Trichloroethene
Concen: 0.364 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV011938.D
Acq: 18 Jul 2019 17:05

Tgt Ion: 95 Resp: 4589
Ion Ratio Lower Upper
95 100
97 74.3 44.0 81.6
132 102.1 67.0 124.4
130 101.9 69.1 128.3

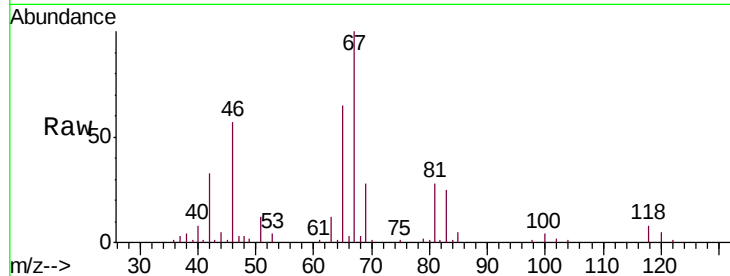




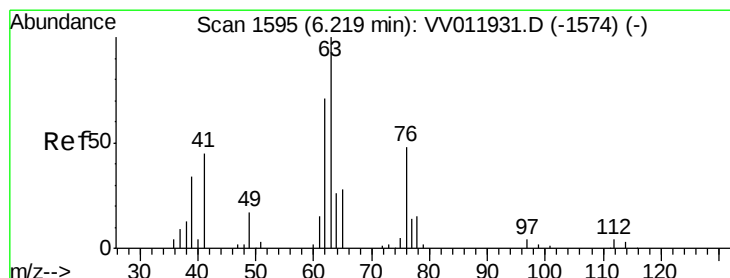
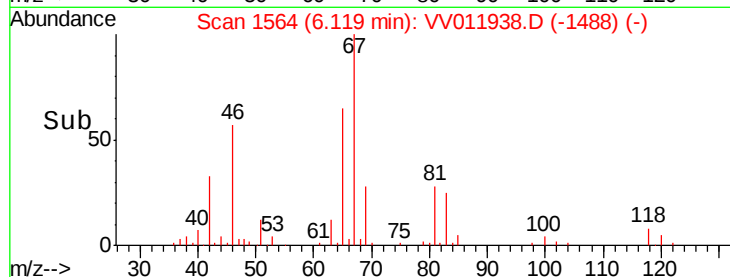
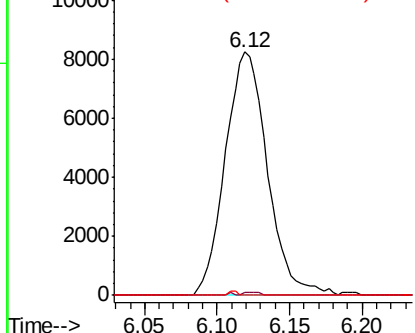
#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011938.D
Acq: 18 Jul 2019 17:05

Instrument :
MSVOA_V
ClientSampleId :
A52L4DL

Tgt Ion: 83 Resp: 16657
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.0 39.0 58.4#

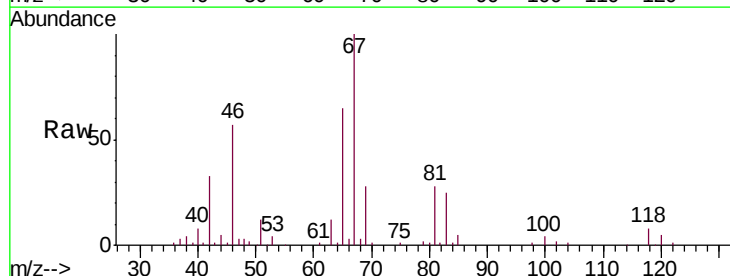


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

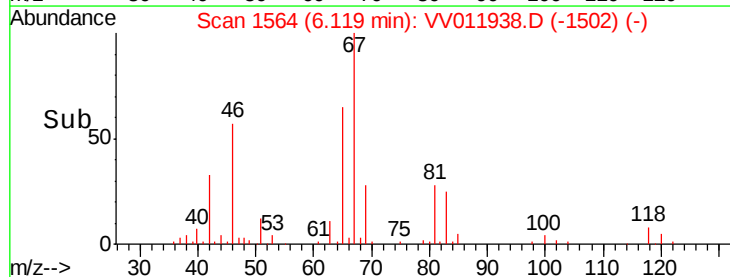
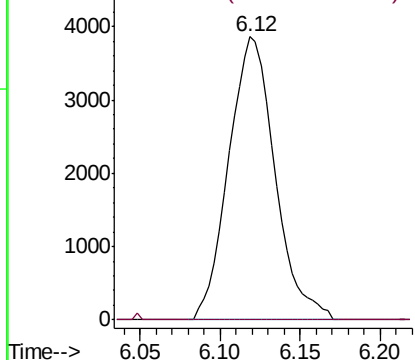


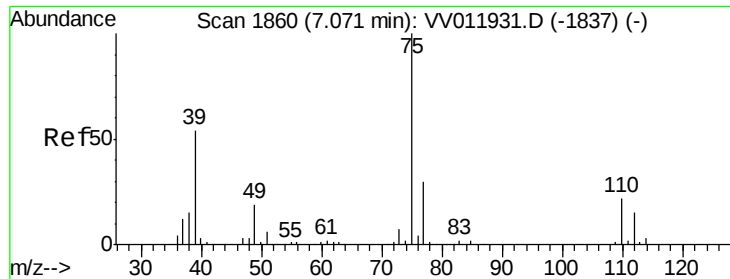
#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011938.D
Acq: 18 Jul 2019 17:05

Tgt Ion: 63 Resp: 7642
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

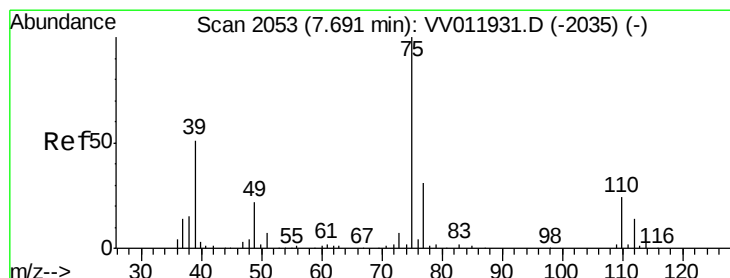
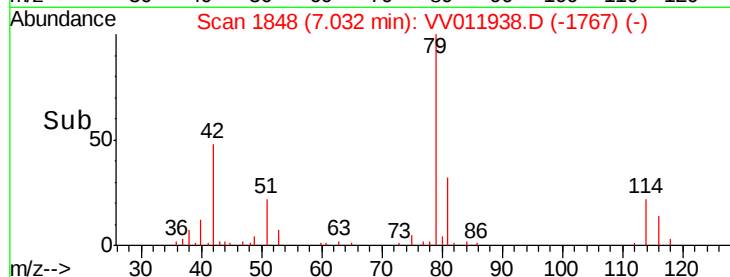
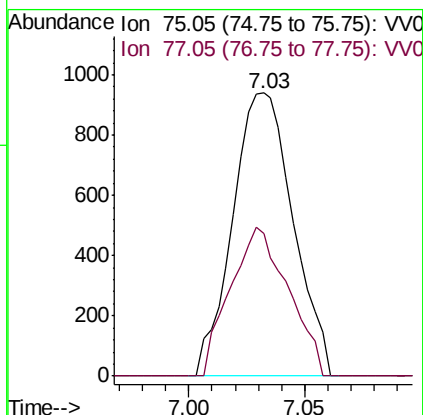
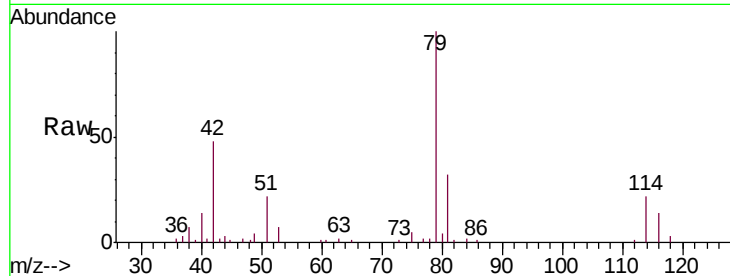




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011938.D
 Acq: 18 Jul 2019 17:05

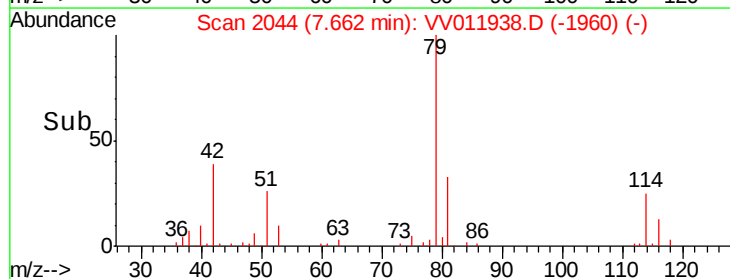
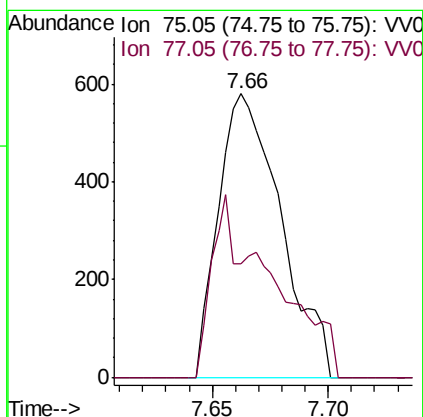
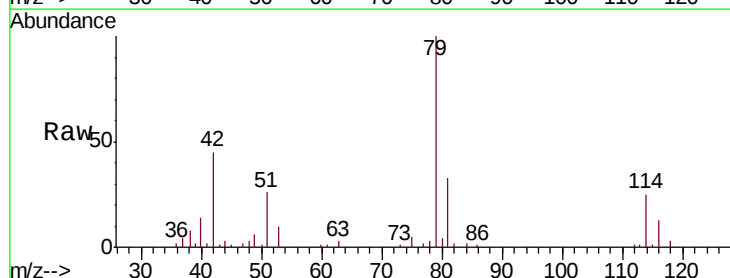
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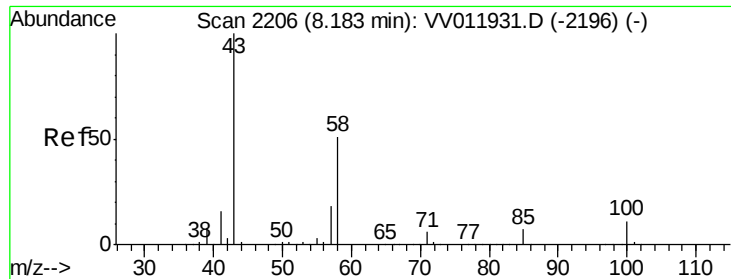
Tgt Ion: 75 Resp: 1703
 Ion Ratio Lower Upper
 75 100
 77 50.3 21.6 40.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011938.D
 Acq: 18 Jul 2019 17:05

Tgt Ion: 75 Resp: 1084
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.3 41.3

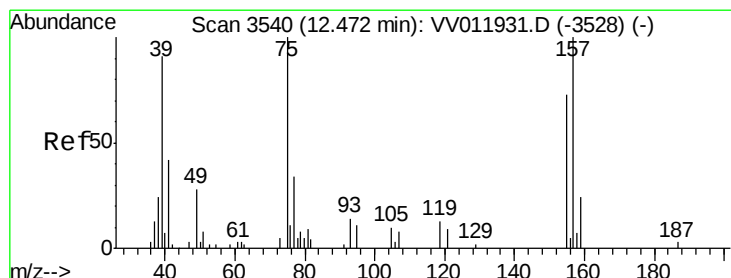
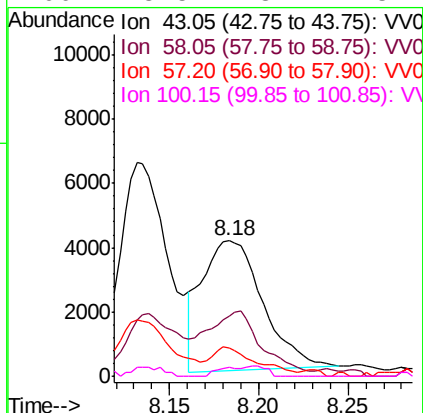
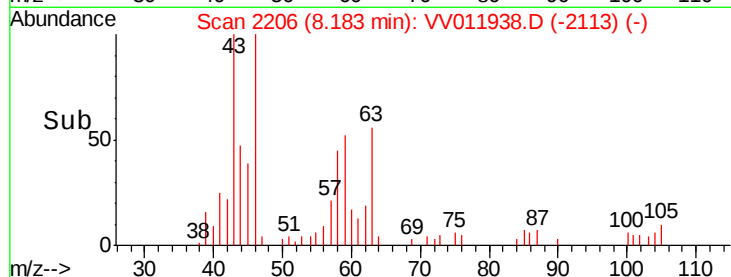
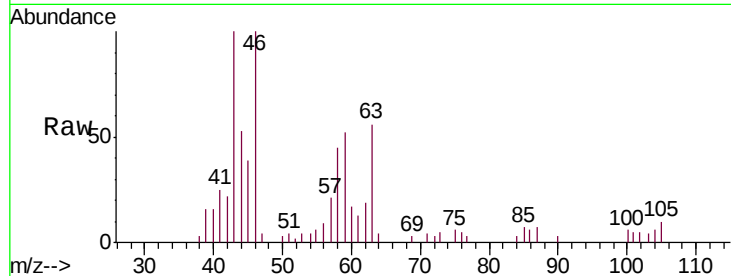




#48
2-Hexanone
Concen: 1.995 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV011938.D
Acq: 18 Jul 2019 17:05

Instrument :
MSVOA_V
ClientSampleId :
A52L4DL

Tgt Ion: 43 Resp: 9503
Ion Ratio Lower Upper
43 100
58 41.8 41.1 61.7
57 17.1 14.3 21.5
100 5.5 8.7 13.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.100 ug/L
RT: 12.45 min Scan# 3534
Delta R.T. -0.02 min
Lab File: VV011938.D
Acq: 18 Jul 2019 17:05

Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
155 0.0 59.4 89.0#
157 0.0 85.5 128.3#

