

Data File : VV008704.D
Acq On : 21 Nov 2018 16:37
Operator : SY/MD
Sample : J6026-14DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FM3DL

Quant Time: Nov 22 00:41:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	176382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39634	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.59	69	28941	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.14	63	58224	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.96	46	112876	40.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.52%
24) Chloroform-d	4.41	84	93766	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	48463	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.10	84	198698	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	59509	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	174902	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	17616	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	8.14	63	76021	32.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36460	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	58559	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

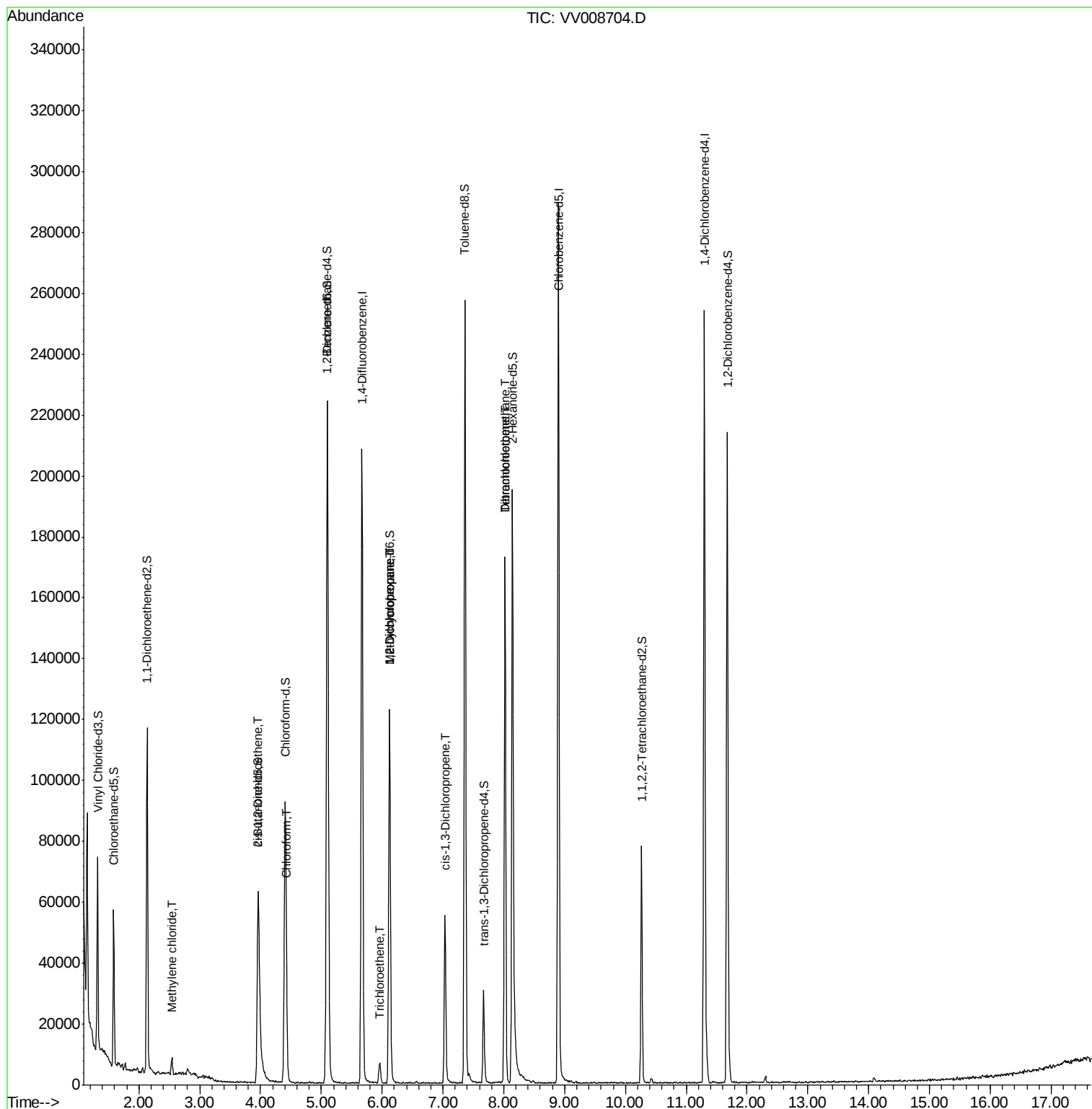
						Qvalue
16) Methylene chloride	2.54	84	2125	0.213	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	1620	0.121	ug/L	97
25) Chloroform	4.43	83	3986	0.140	ug/L	94
34) Trichloroethene	5.96	95	2124	0.157	ug/L	96
35) Methylcyclohexane	6.12	83	14513	0.632	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	6549	0.486	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1403	0.077	ug/L #	48
47) Tetrachloroethene	8.02	164	38234	3.896	ug/L	97
49) Dibromochloromethane	8.02	129	36922	3.782	ug/L #	10

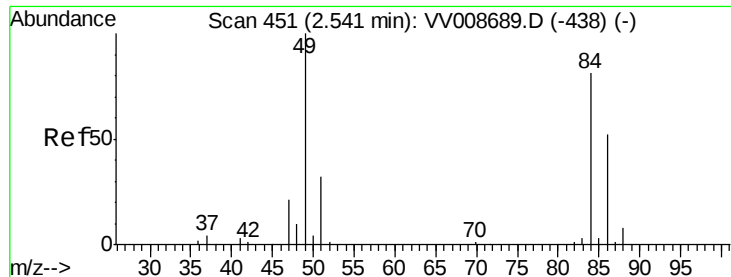
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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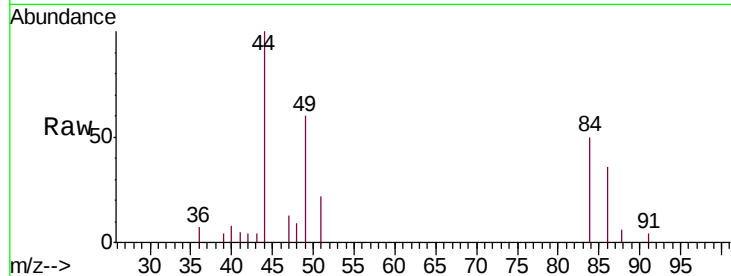




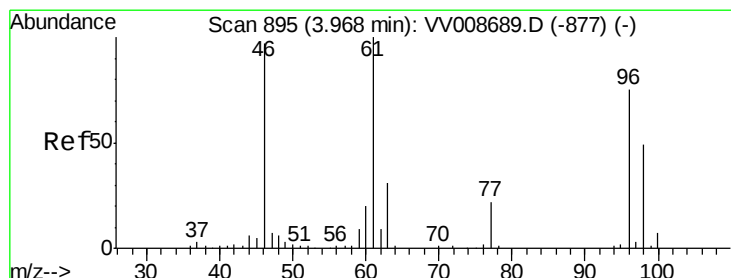
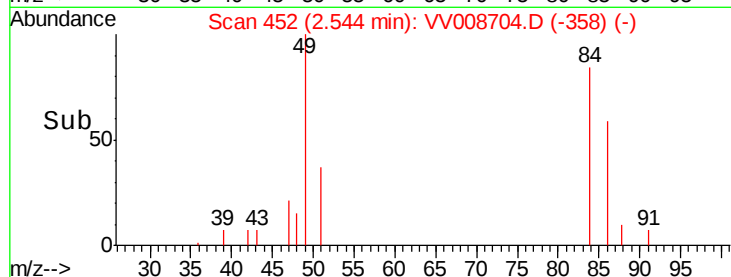
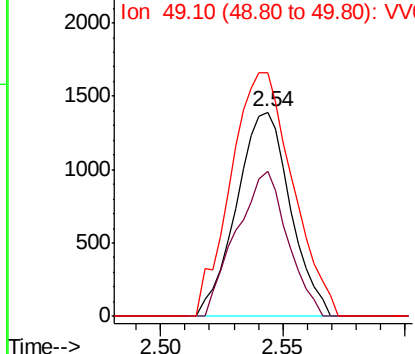
#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV008704.D
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Instrument :
MSVOA_V
ClientSampleId :
H0FM3DL

Tgt Ion: 84 Resp: 2125
Ion Ratio Lower Upper
84 100
86 71.0 44.8 83.2
49 119.4 88.1 163.7

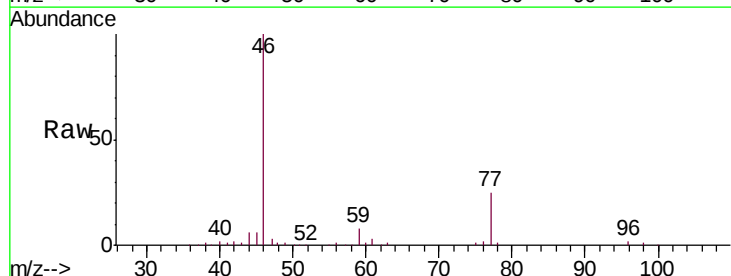


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

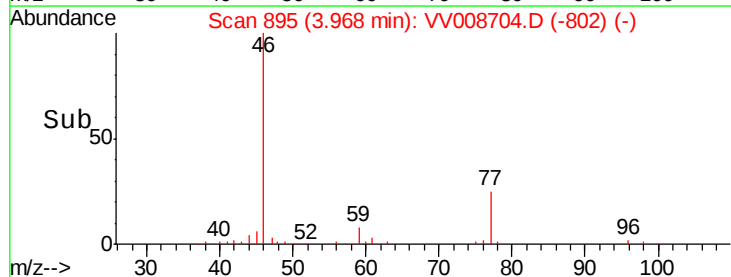
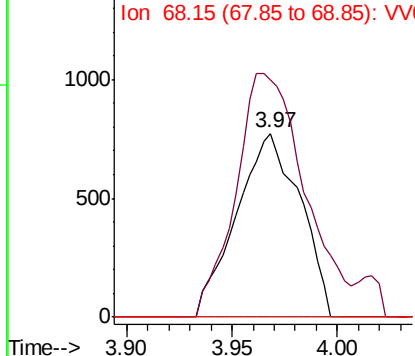


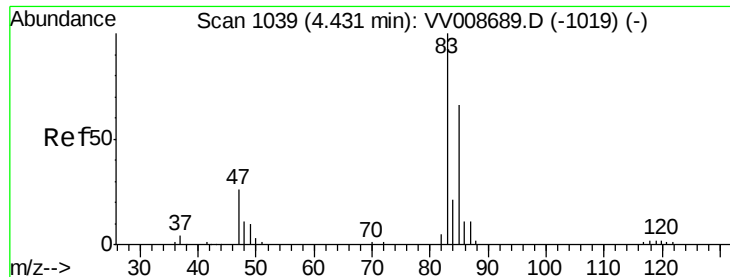
#22
cis-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008704.D
Acq: 21 Nov 2018 16:37

Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 129.2 93.2 173.2
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: 0.140 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV008704.D

Acq: 21 Nov 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :

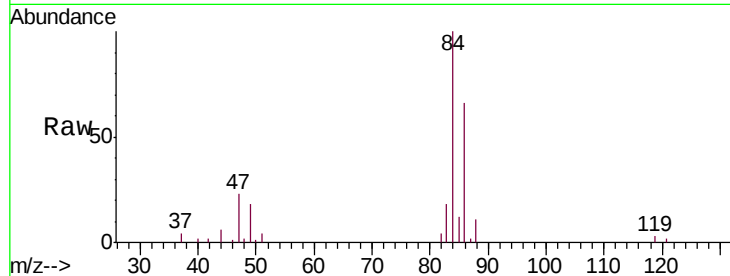
H0FM3DL

Tgt Ion: 83 Resp: 3986

Ion Ratio Lower Upper

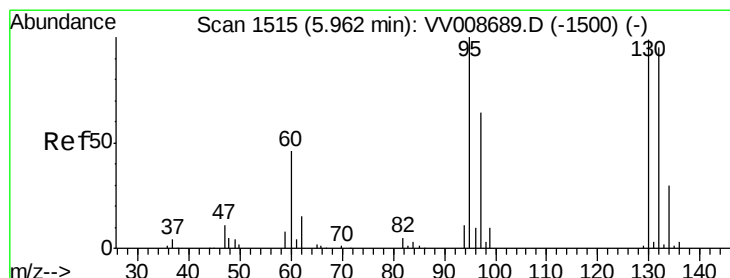
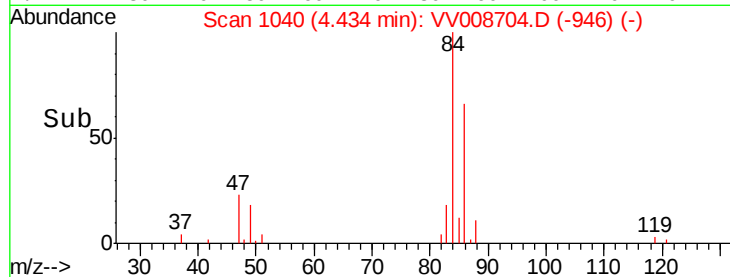
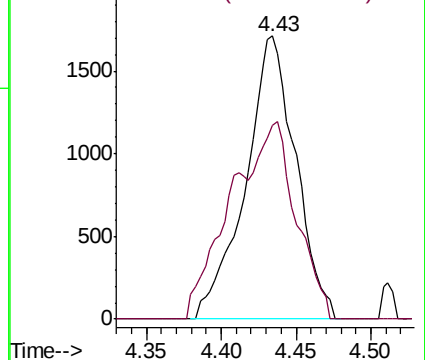
83 100

85 68.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV008689.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV008689.D (-1019) (-)



#34

Trichloroethene

Concen: 0.157 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008704.D

Acq: 21 Nov 2018 16:37

Tgt Ion: 95 Resp: 2124

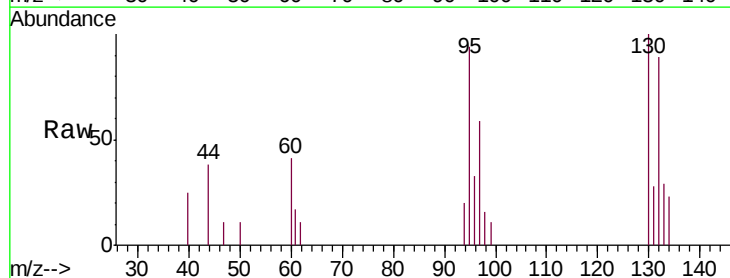
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.7

132 94.0 66.3 123.1

130 106.2 68.0 126.4

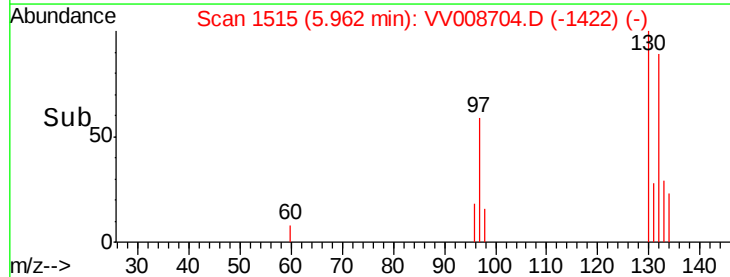
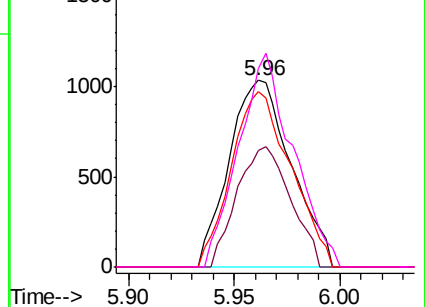


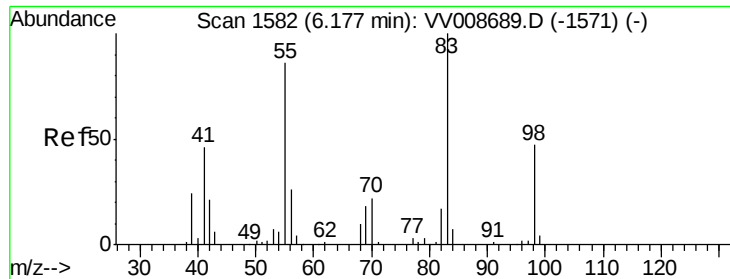
Abundance Ion 95.00 (94.70 to 95.70): VV008689.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV008689.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV008689.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV008689.D (-1500) (-)

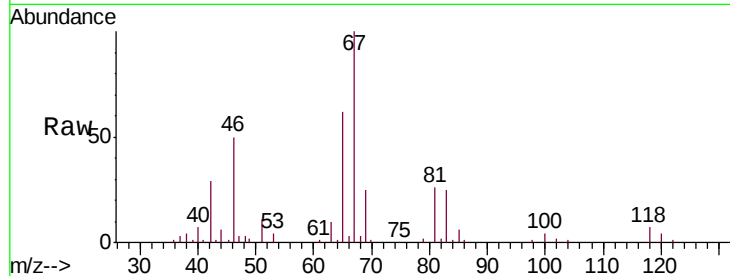




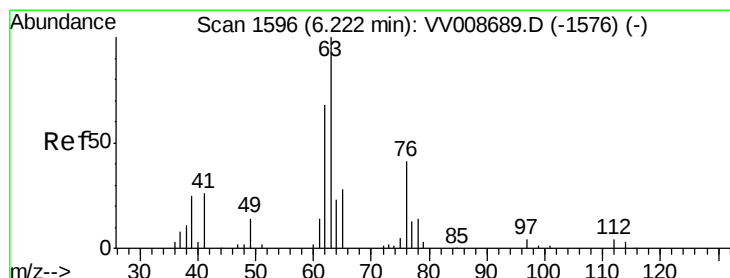
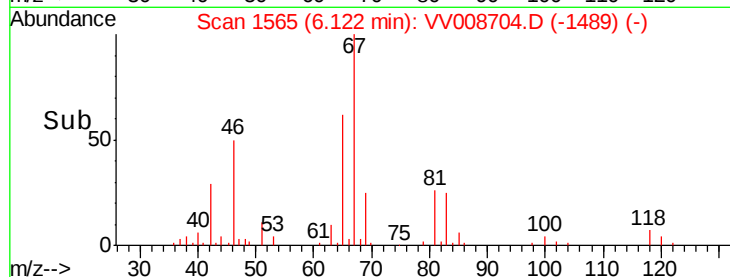
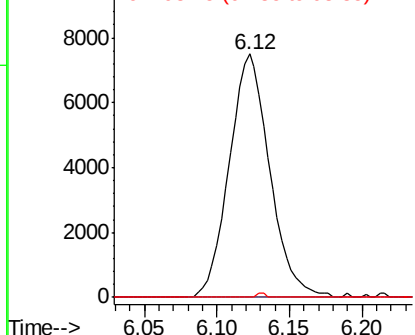
#35
Methylcyclohexane
Concen: 0.632 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008704.D
Acq: 21 Nov 2018 16:37

Instrument :
MSVOA_V
ClientSampleId :
H0FM3DL

Tgt Ion: 83 Resp: 14513
Ion Ratio Lower Upper
83 100
55 0.0 65.6 98.4#
98 0.3 36.4 54.6#

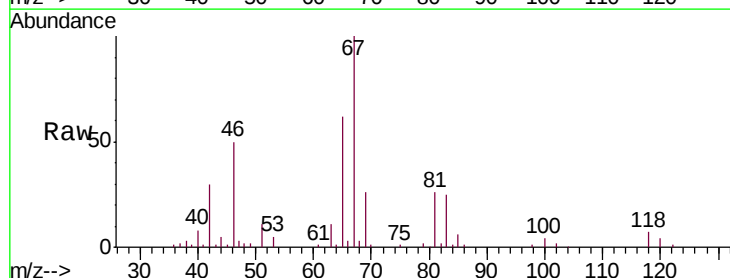


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

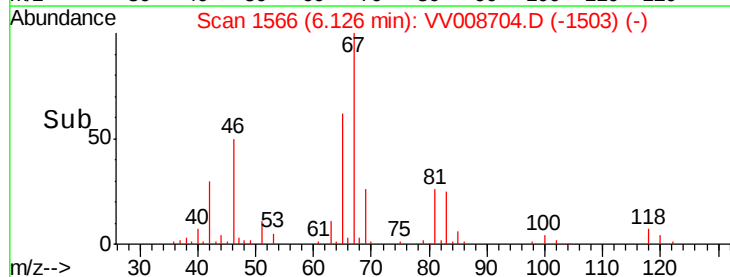
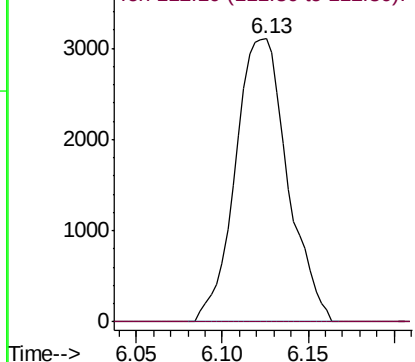


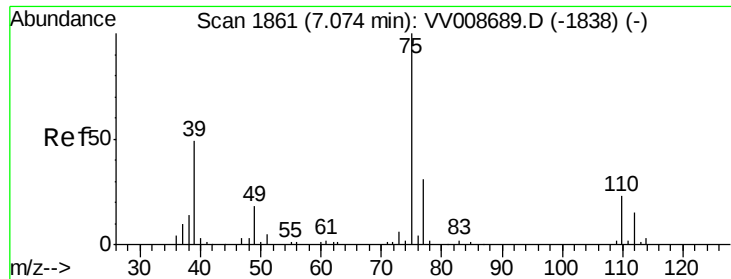
#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008704.D
Acq: 21 Nov 2018 16:37

Tgt Ion: 63 Resp: 6549
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

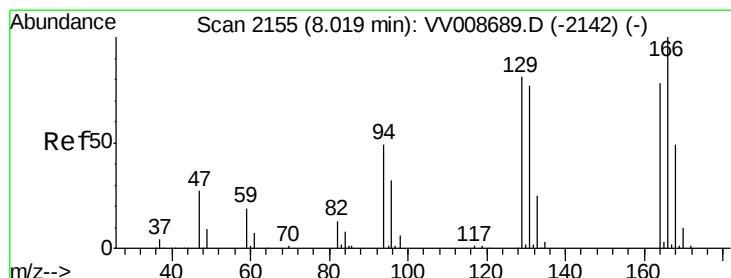
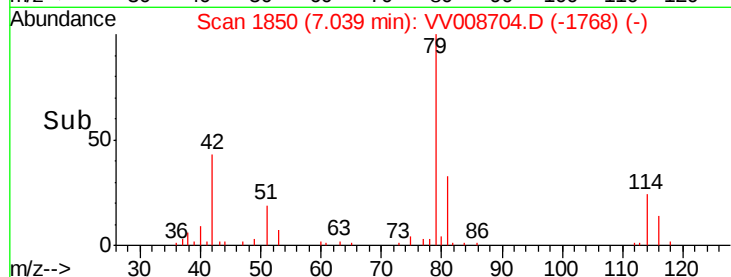
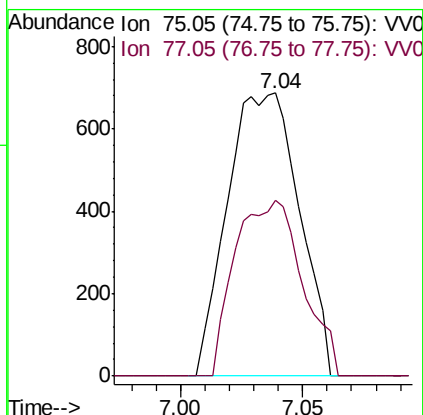
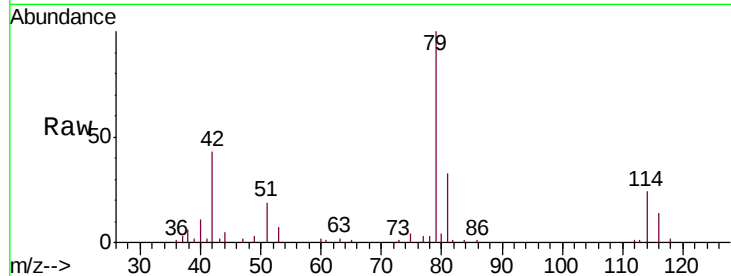




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV008704.D
 Acq: 21 Nov 2018 16:37

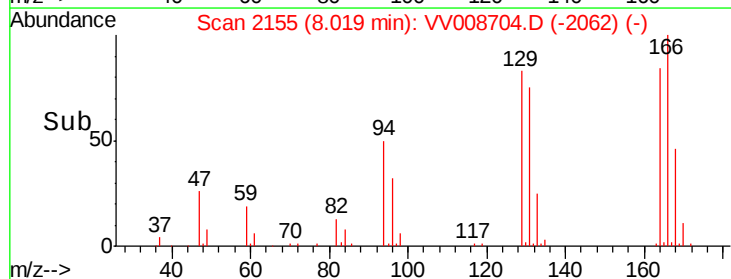
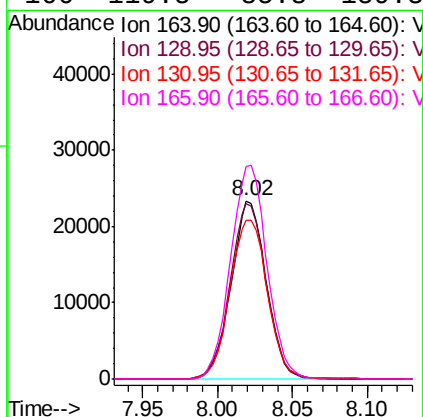
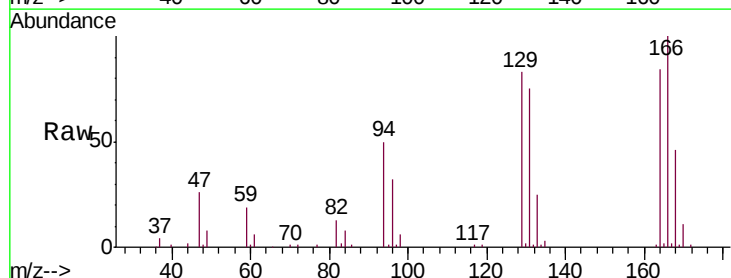
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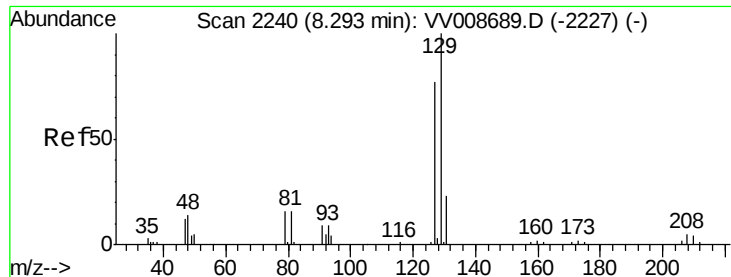
Tgt Ion: 75 Resp: 1403
 Ion Ratio Lower Upper
 75 100
 77 62.2 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 3.896 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008704.D
 Acq: 21 Nov 2018 16:37

Tgt Ion: 164 Resp: 38234
 Ion Ratio Lower Upper
 164 100
 129 98.6 67.5 125.4
 131 89.3 66.4 123.4
 166 119.5 85.8 159.3





#49

Dibromochloromethane

Concen: 3.782 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008704.D

Acq: 21 Nov 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :

H0FM3DL

Tgt Ion:129 Resp: 36922

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

